

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
 Data File : BF111788.D
 Acq On : 28 Dec 2018 15:03
 Operator : JU/SJ
 Sample : J6579-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TN-122618-CMS

Manual Integrations
 APPROVED

Sohil
 1/2/2019 2:51:30 PM

Quant Time: Dec 30 21:20:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	164314	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	630602	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	327401	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	615795	20.00	ng	0.01
76) Chrysene-d12	14.07	240	404187	20.00	ng	0.02
87) Perylene-d12	15.56	264	345971	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1028995	106.74	ng	0.04
7) Phenol-d6	6.55	99	1357972	110.69	ng	0.03
23) Nitrobenzene-d5	7.46	82	877251	80.97	ng	0.00
42) 2,4,6-Tribromophenol	10.74	330	455147	117.65	ng	0.02
45) 2-Fluorobiphenyl	9.26	172	1660451	73.92	ng	0.00
79) Terphenyl-d14	13.02	244	1736129	81.46	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	114773	25.306	ng	96
3) Pyridine	3.53	79	273083	23.111	ng	97
4) n-Nitrosodimethylamine	3.46	42	201698	34.879	ng	83
6) Aniline	6.56	93	253570	16.215	ng	# 1
8) 2-Chlorophenol	6.70	128	362624	33.958	ng	99
9) Benzaldehyde	6.45	77	201107	23.835	ng	98
10) Phenol	6.56	94	521646	37.685	ng	80
11) bis(2-Chloroethyl)ether	6.64	93	335119	32.308	ng	98
12) 1,3-Dichlorobenzene	6.85	146	402814	32.550	ng	97
13) 1,4-Dichlorobenzene	6.92	146	406589	32.396	ng	98
14) 1,2-Dichlorobenzene	7.07	146	386204	32.982	ng	98
15) Benzyl Alcohol	7.05	79	337959	34.686	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	559071	29.265	ng	76
17) 2-Methylphenol	7.16	107	293726	34.352	ng	# 92
18) Hexachloroethane	7.42	117	144237	34.104	ng	# 88
19) n-Nitroso-di-n-propylamine	7.32	70	263072	32.289	ng	100
20) 3+4-Methylphenols	7.32	107	378278	35.012	ng	# 78
22) Acetophenone	7.31	105	506000	31.673	ng	# 92
24) Nitrobenzene	7.48	77	397420	35.001	ng	97
25) Isophorone	7.72	82	699465	36.368	ng	99
26) 2-Nitrophenol	7.80	139	195688	42.494	ng	# 90
27) 2,4-Dimethylphenol	7.85	122	330221	36.377	ng	95
28) bis(2-Chloroethoxy)methane	7.93	93	433136	33.843	ng	99
29) 2,4-Dichlorophenol	8.05	162	336977	34.512	ng	96
30) 1,2,4-Trichlorobenzene	8.13	180	351909	32.343	ng	97
31) Naphthalene	8.21	128	1071667	35.369	ng	97
32) Benzoic acid	7.93	122	65372m	10.891	ng	
33) 4-Chloroaniline	8.25	127	132905	10.148	ng	98
34) Hexachlorobutadiene	8.33	225	209546	31.599	ng	98
35) Caprolactam	8.61	113	98231m	29.690	ng	
36) 4-Chloro-3-methylphenol	8.75	107	337686	35.183	ng	98
37) 2-Methylnaphthalene	8.90	142	738068	37.441	ng	97
38) 1-Methylnaphthalene	9.00	142	699543	36.949	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	352190	32.736	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	433946	83.121	nq	100
43) 2,4,6-Trichlorophenol	9.18	196	242984	33.828	nq	99
44) 2,4,5-Trichlorophenol	9.23	196	256899	34.863	nq	# 90
46) 1,1'-Biphenyl	9.36	154	921280	33.334	nq	95
47) 2-Chloronaphthalene	9.39	162	716173	32.706	nq	93
48) 2-Nitroaniline	9.48	65	220774	38.756	nq	97
49) Acenaphthylene	9.80	152	1145631	35.834	nq	96
50) Dimethylphthalate	9.66	163	1135959	47.447	nq	98
51) 2,6-Dinitrotoluene	9.72	165	189607	39.717	nq	94
52) Acenaphthene	9.98	154	725606	36.798	nq	97
53) 3-Nitroaniline	9.89	138	118539	23.282	nq	100
54) 2,4-Dinitrophenol	10.00	184	130626	84.780	nq	# 85
55) Dibenzofuran	10.15	168	1009661	33.892	nq	95
56) 4-Nitrophenol	10.07	139	279627	71.966	nq	90
57) 2,4-Dinitrotoluene	10.13	165	256514	44.707	nq	# 88
58) Fluorene	10.49	166	797324	37.142	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.27	232	224143	36.144	nq	91
60) Diethylphthalate	10.36	149	833295	35.481	nq	98
61) 4-Chlorophenyl-phenylether	10.48	204	398212	33.576	nq	96
62) 4-Nitroaniline	10.51	138	186100	37.607	nq	90
63) Azobenzene	10.64	77	768354	32.588	nq	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	114391	45.373	nq	90
66) n-Nitrosodiphenylamine	10.60	169	699072	33.819	nq	99
67) 4-Bromophenyl-phenylether	10.97	248	254168	33.278	nq	97
68) Hexachlorobenzene	11.05	284	281255	33.027	nq	96
69) Atrazine	11.13	200	236956	32.997	nq	95
70) Pentachlorophenol	11.24	266	274155	52.074	nq	95
71) Phenanthrene	11.46	178	1224656	37.499	nq	95
72) Anthracene	11.51	178	1190419	36.315	nq	95
73) Carbazole	11.66	167	1036765	32.577	nq	96
74) Di-n-butylphthalate	11.99	149	1258591	35.272	nq	96
75) Fluoranthene	12.64	202	1218830	36.855	nq	95
77) Benzidine	12.76	184	172587	11.347	nq	97
78) Pyrene	12.87	202	1204615	42.204	nq	97
80) Butylbenzylphthalate	13.48	149	463521	39.839	nq	94
81) Benzo(a)anthracene	14.06	228	872844	37.840	nq	98
82) 3,3'-Dichlorobenzidine	14.02	252	141162	15.489	nq	# 96
83) Chrysene	14.10	228	801947	35.373	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	607012	41.419	nq	# 98
85) Di-n-octyl phthalate	14.66	149	894437	39.392	nq	96
86) Indeno(1,2,3-cd)pyrene	17.07	276	789977	40.989	nq	# 87
88) Benzo(b)fluoranthene	15.13	252	734514	36.326	nq	# 94
89) Benzo(k)fluoranthene	15.16	252	678483	35.246	nq	# 95
90) Benzo(a)pyrene	15.50	252	684002m	37.235	nq	
91) Dibenzo(a,h)anthracene	17.09	278	644218	40.048	nq	# 91
92) Benzo(g,h,i)perylene	17.53	276	659441	41.982	nq	# 88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

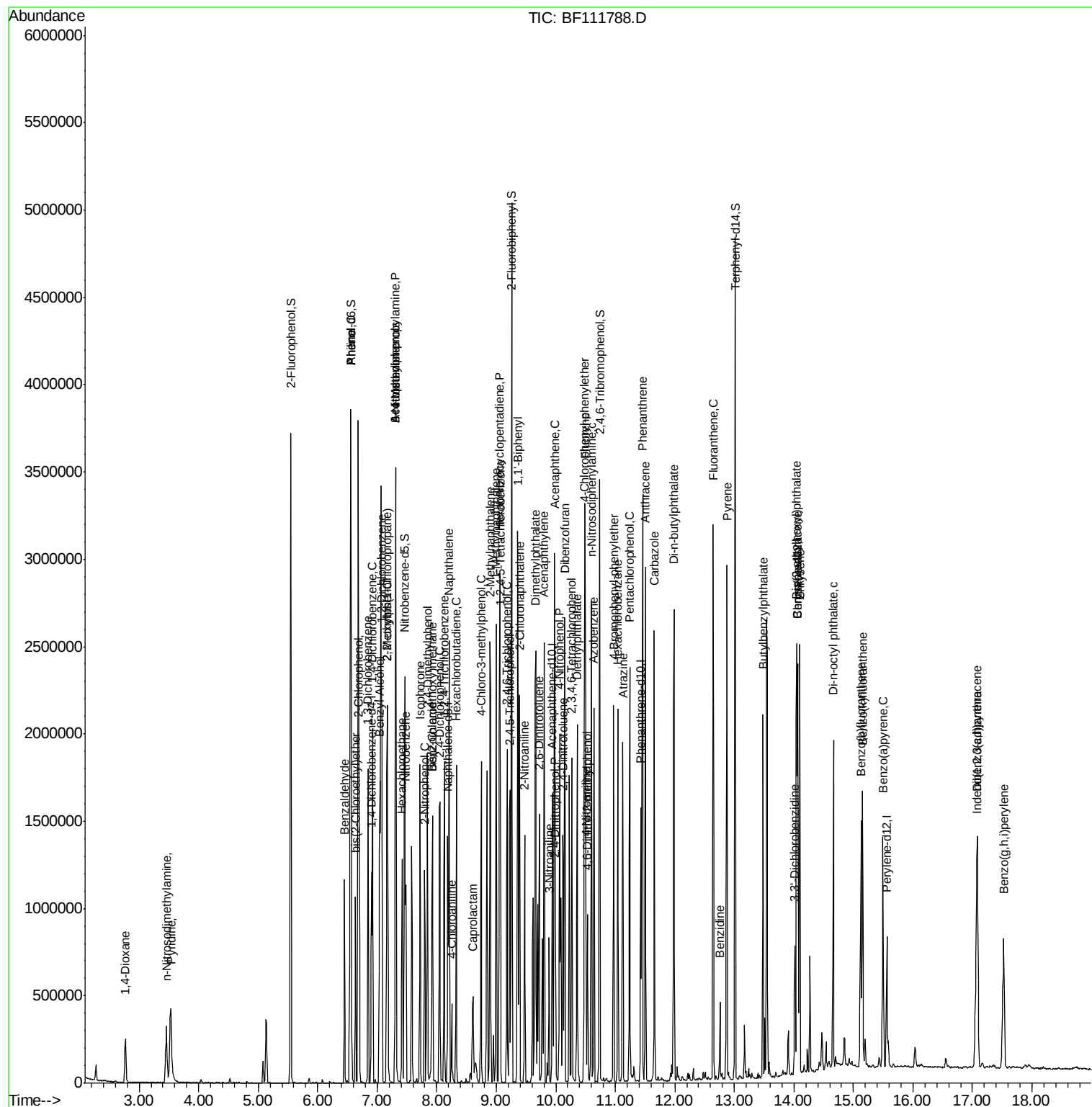
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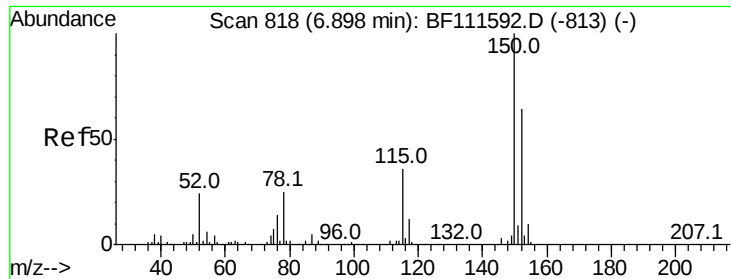
Instrument :
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#1

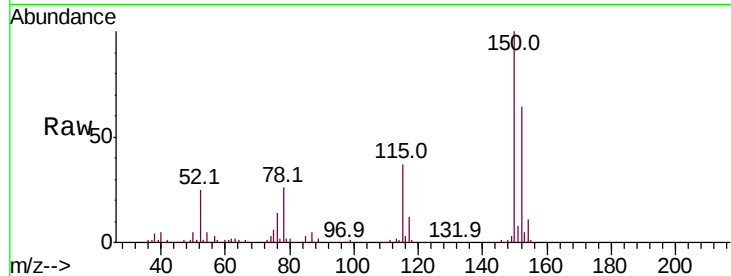
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.6	189.8
115	58.3	50.7	76.1

Manual Integrations
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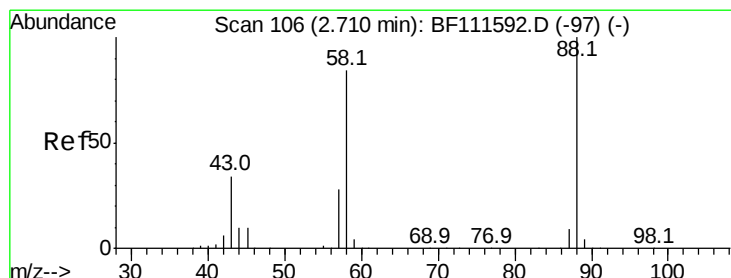
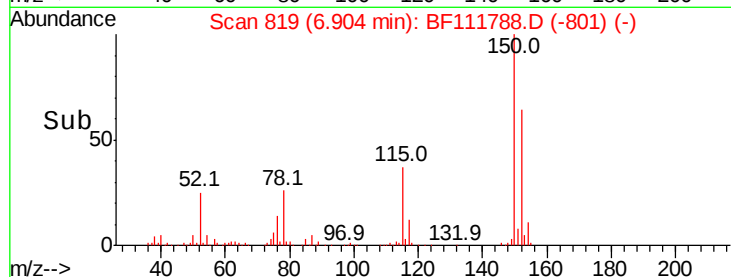
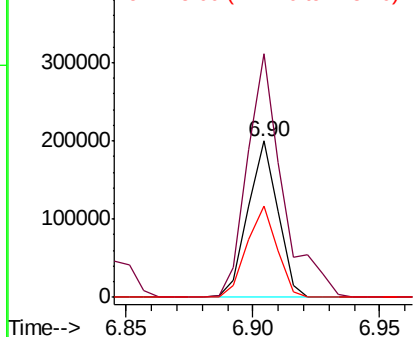


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

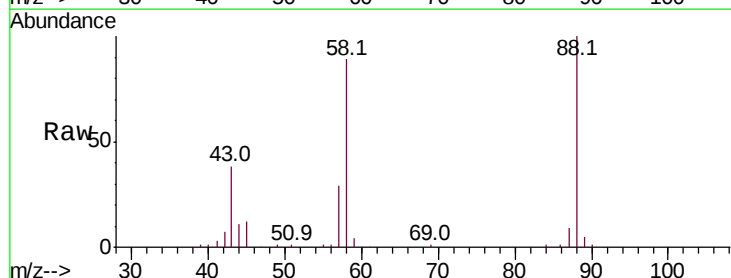
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.306 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.06 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.2	68.9	103.3
43	38.3	25.8	38.6

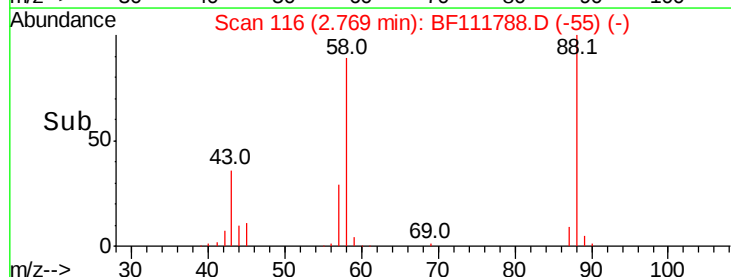
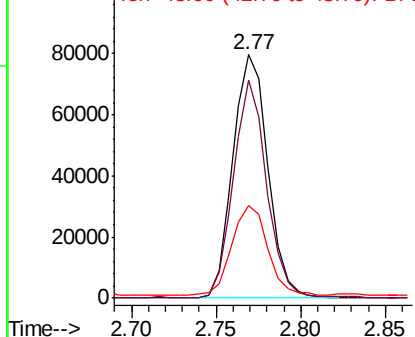


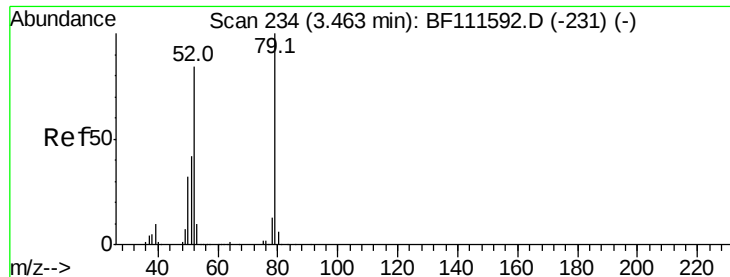
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





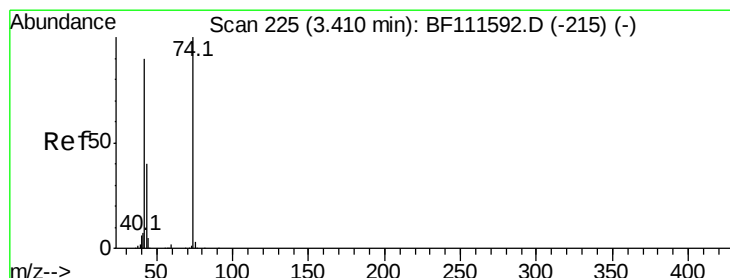
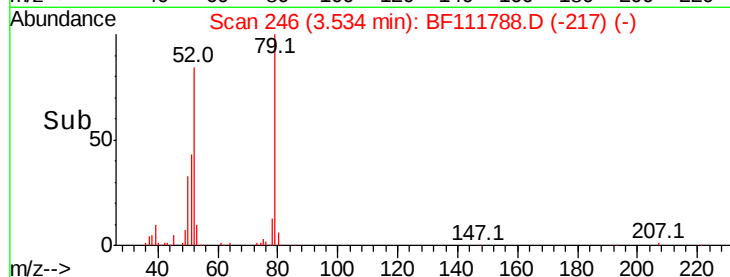
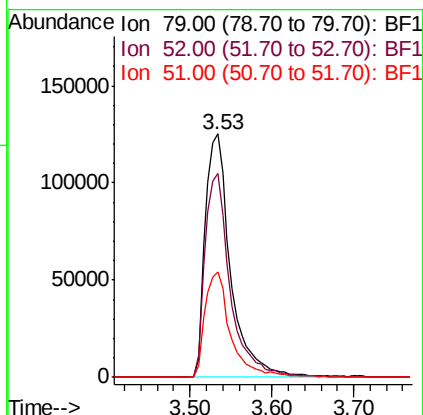
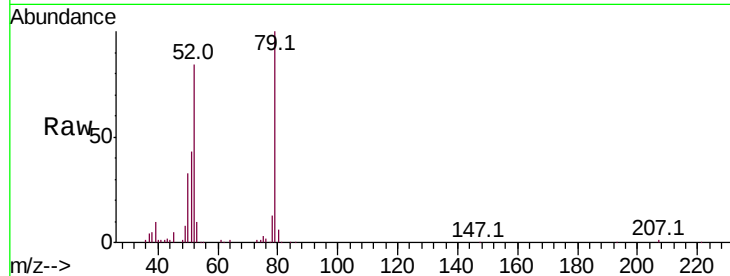
#3
 Pvridine
 Concen: 23.111 ng
 RT: 3.53 min Scan# 246
 Delta R.T. 0.07 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Instrument :
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 TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	83.9	68.3	102.5
51	43.4	32.6	49.0

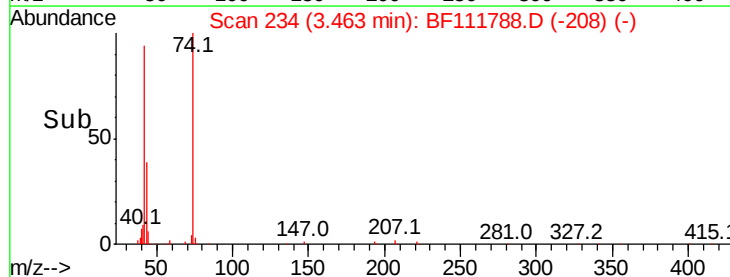
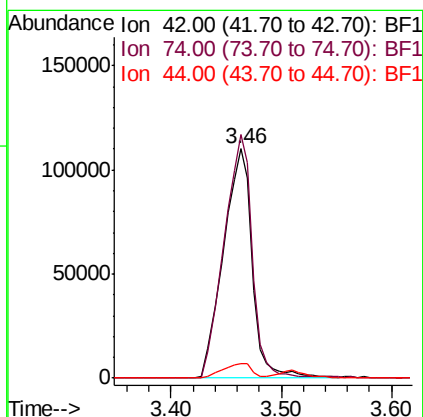
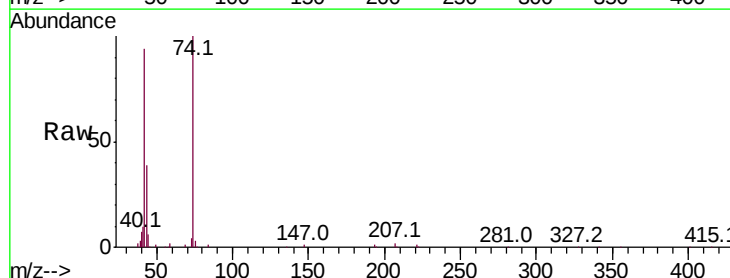
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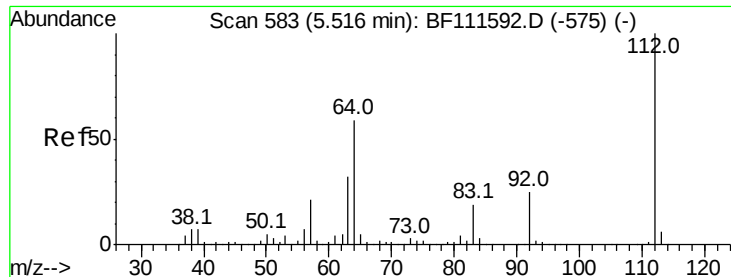
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#4
 n-Nitrosodimethylamine
 Concen: 34.879 ng
 RT: 3.46 min Scan# 234
 Delta R.T. 0.05 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.3	101.5	152.3
44	6.2	6.0	9.0





#5

2-Fluorophenol

Concen: 106.744 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.04 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

ClientSampleId :

TN-122618-CMS

Tot Ion:112 Resp: 1028995

Ion Ratio Lower Upper

112 100

64 62.2 51.8 77.6

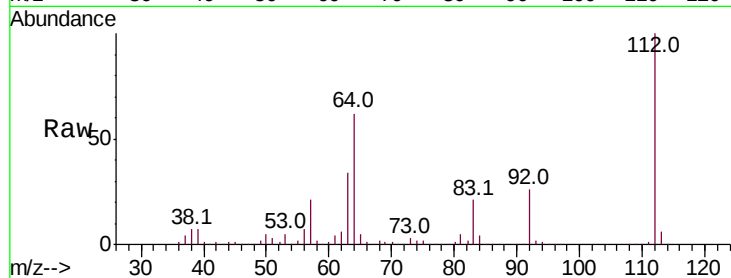
63 33.9 26.8 40.2

Manual Integrations

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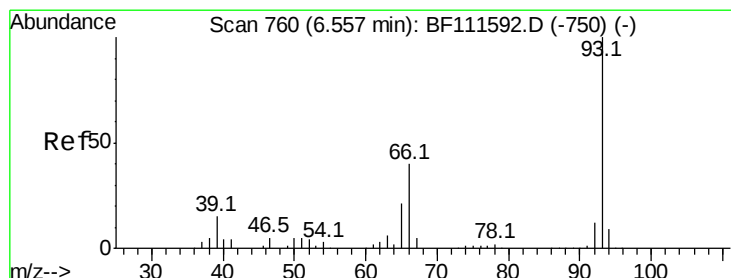
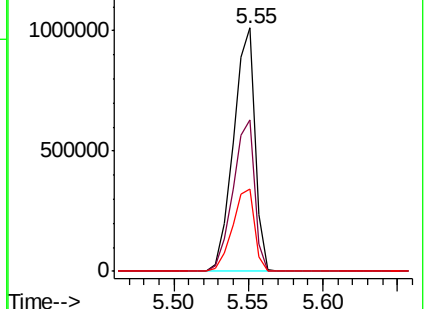
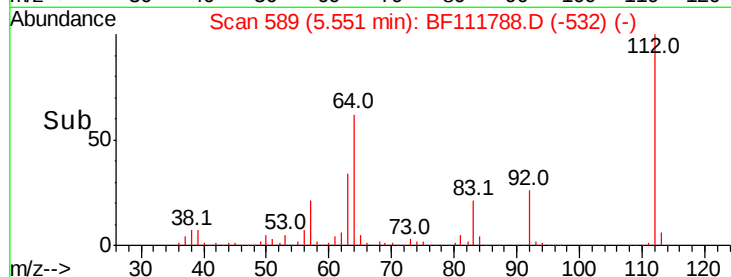
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Abundance Ion 112.00 (111.70 to 112.70): BF111788.D (-532) (-)

Ion 64.00 (63.70 to 64.70): BF111788.D (-532) (-)

Ion 63.00 (62.70 to 63.70): BF111788.D (-532) (-)



#6

Aniline

Concen: 16.215 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

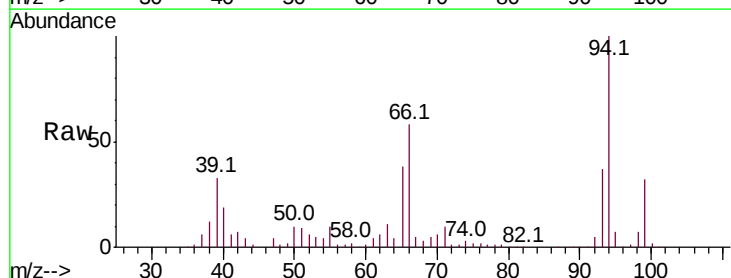
Tgt Ion: 93 Resp: 253570

Ion Ratio Lower Upper

93 100

66 155.4 33.2 49.8#

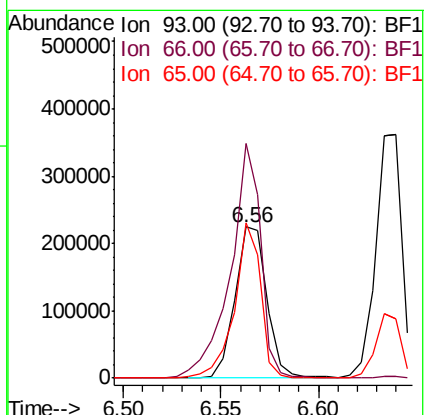
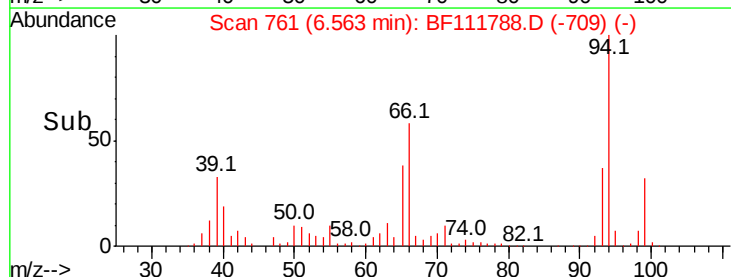
65 102.7 17.0 25.4#

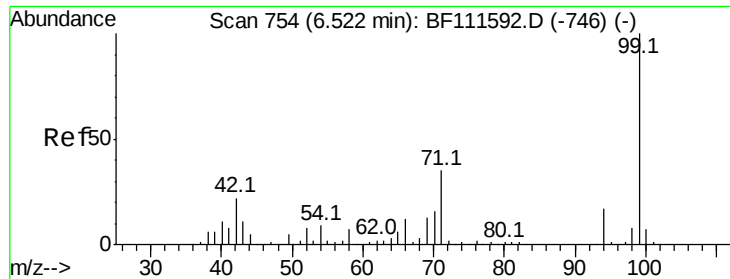


Abundance Ion 93.00 (92.70 to 93.70): BF111788.D (-709) (-)

Ion 66.00 (65.70 to 66.70): BF111788.D (-709) (-)

Ion 65.00 (64.70 to 65.70): BF111788.D (-709) (-)





#7

Phenol-d6

Concen: 110.691 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.03 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

ClientSampleId :

TN-122618-CMS

Tot Ion: 99 Resp: 1357972

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

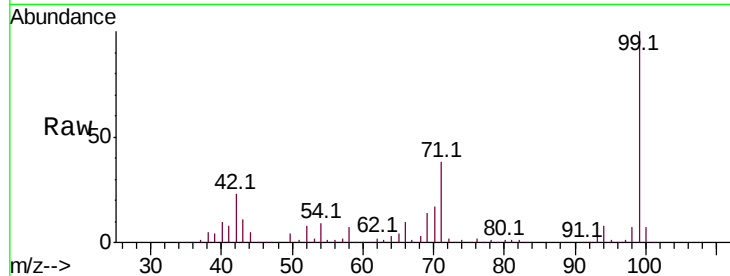
71 38.0 26.1 39.1

Manual Integrations

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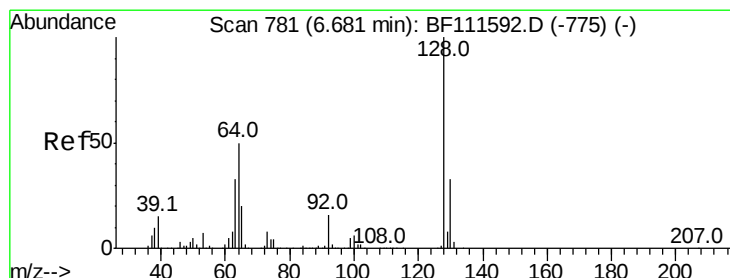
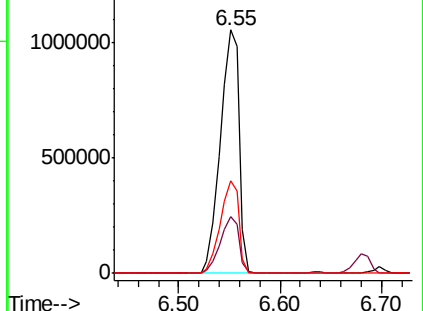
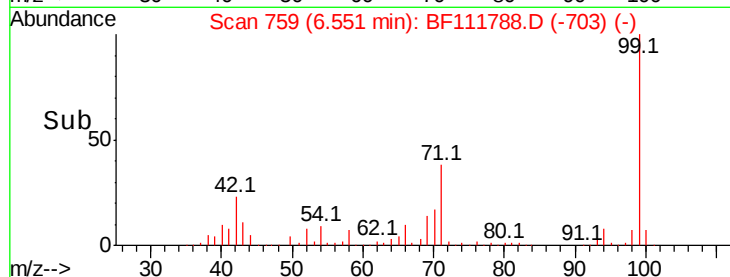
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.958 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

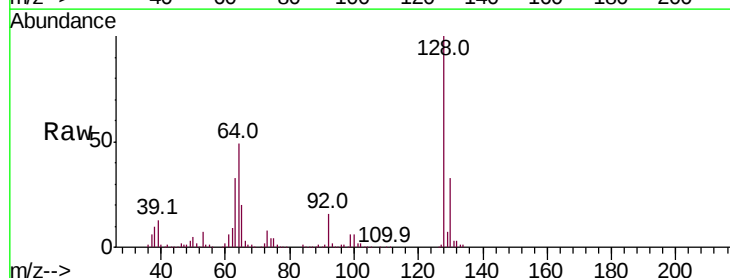
Tgt Ion:128 Resp: 362624

Ion Ratio Lower Upper

128 100

130 33.0 12.7 52.7

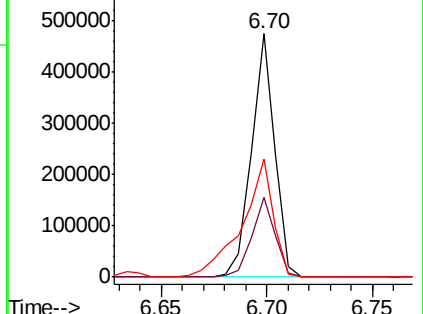
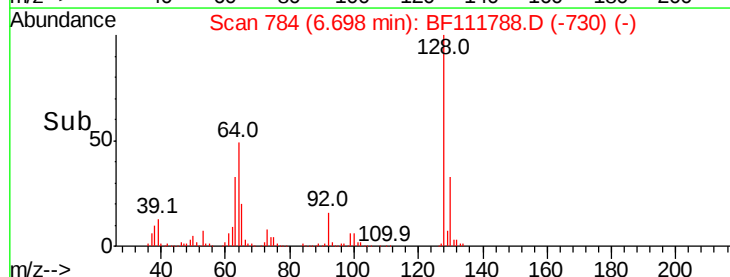
64 48.6 30.0 70.0

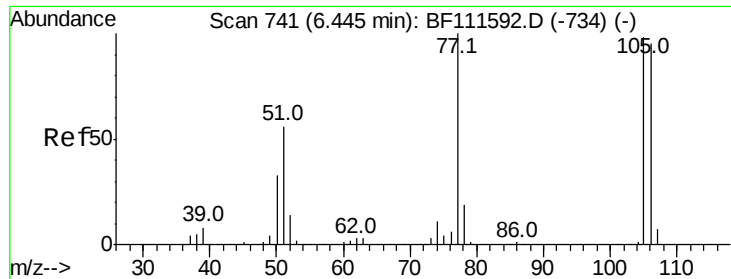


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





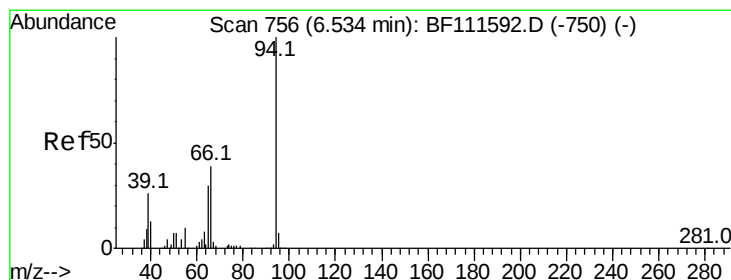
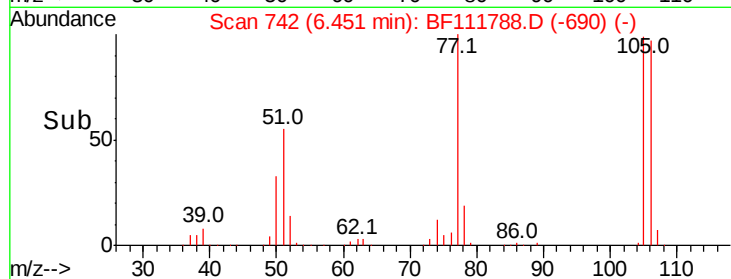
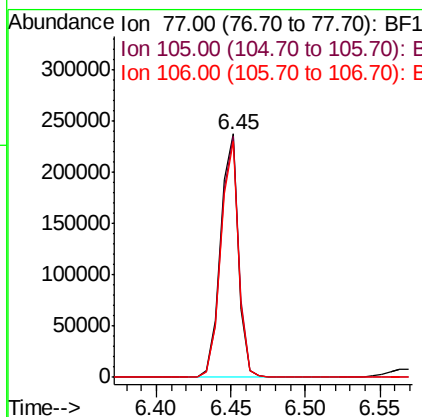
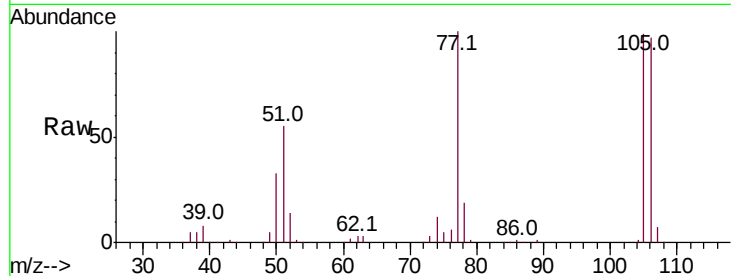
#9
Benzaldehyde
Concen: 23.835 ng
RT: 6.45 min Scan# 742
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.2	81.4	121.4
106	96.9	77.9	117.9

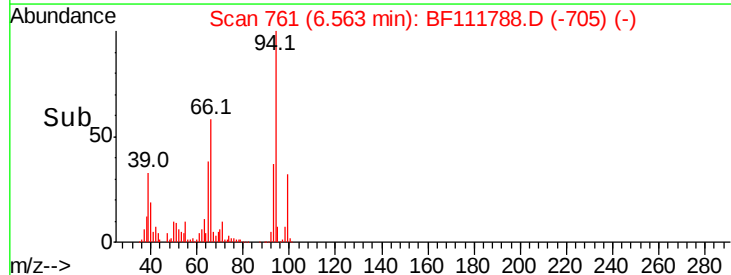
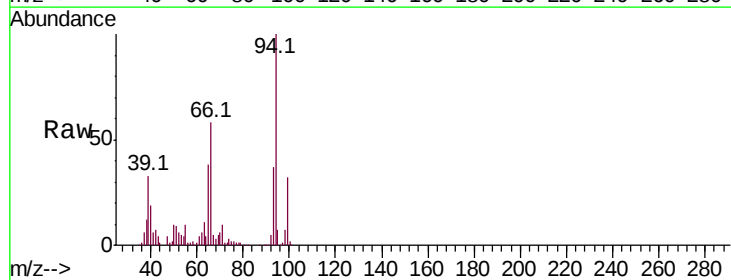
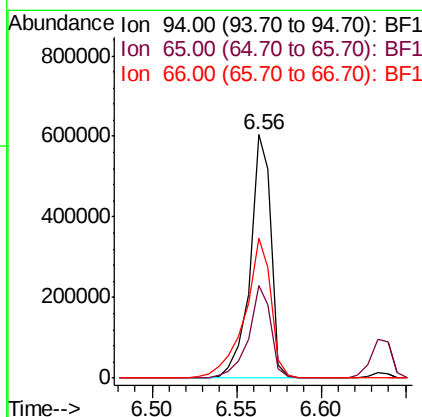
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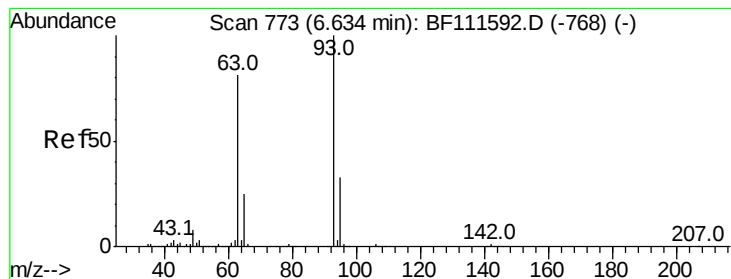
Sohil
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#10
Phenol
Concen: 37.685 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.03 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.2	11.7	51.7
66	57.7	21.0	61.0





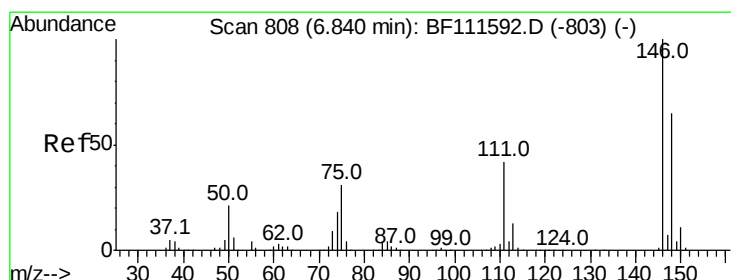
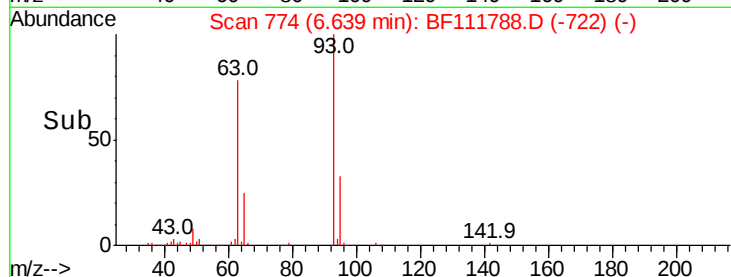
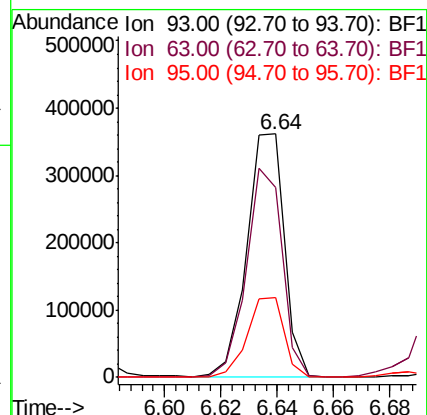
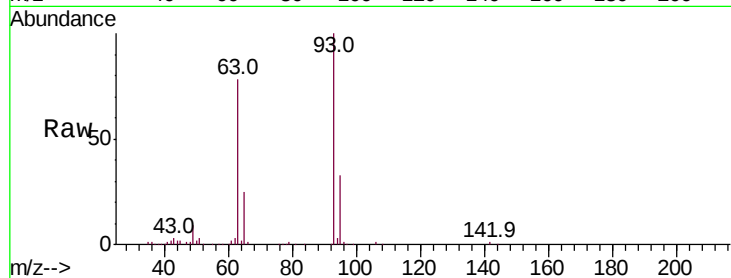
#11
bis(2-Chloroethyl)ether
Concen: 32.308 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.0	60.0	100.0
95	32.8	13.4	53.4

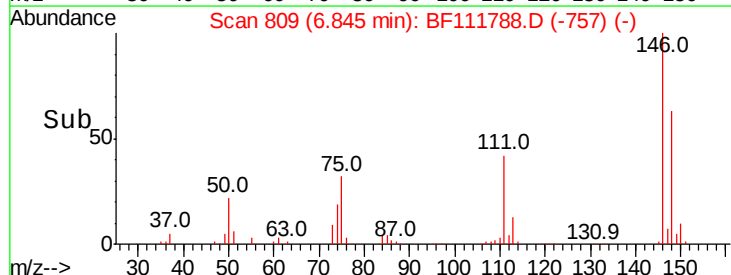
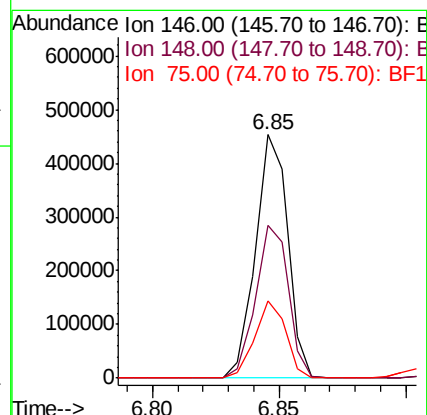
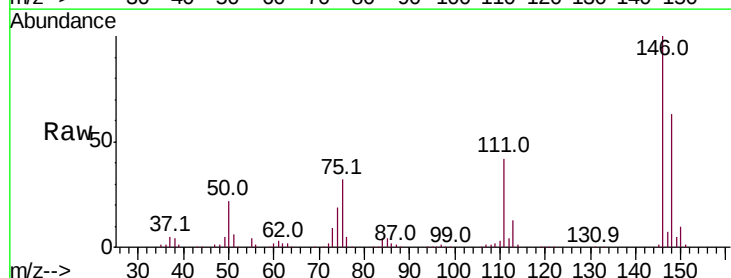
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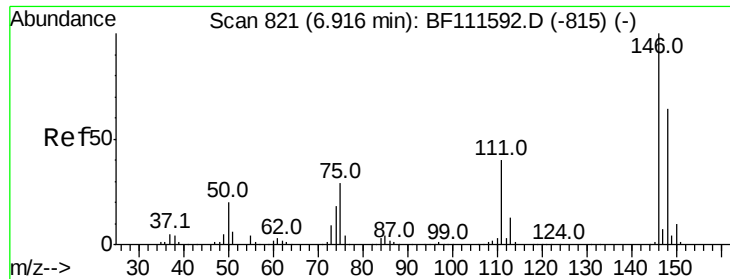
Sohil
1/2/2019 2:51:30 PM



#12
1,3-Dichlorobenzene
Concen: 32.550 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.1	78.1
75	31.8	23.9	35.9





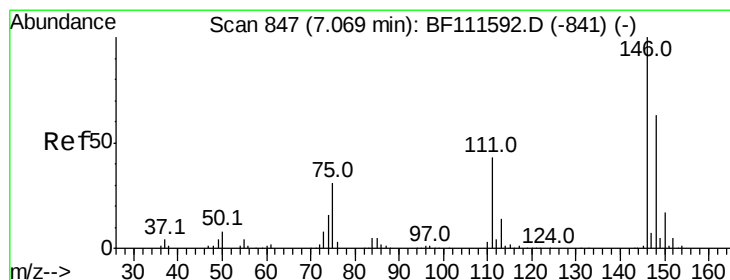
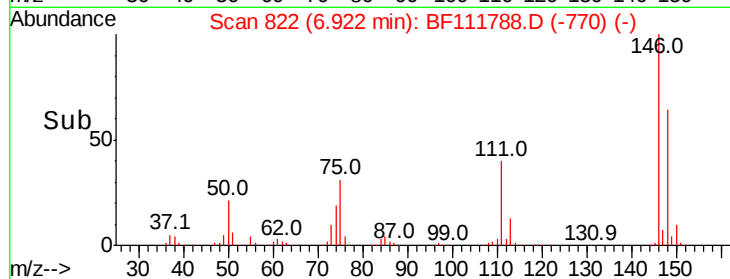
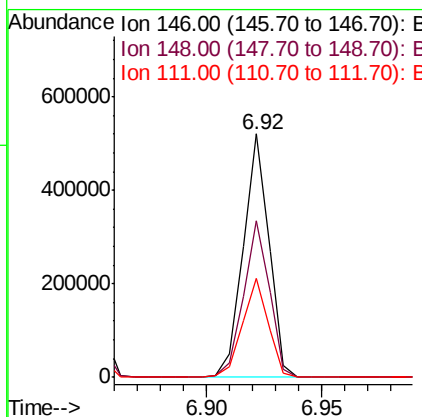
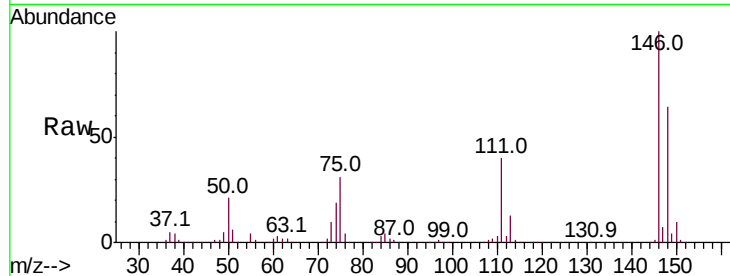
#13
 1,4-Dichlorobenzene
 Concen: 32.396 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.8	79.2
111	40.4	33.4	50.0

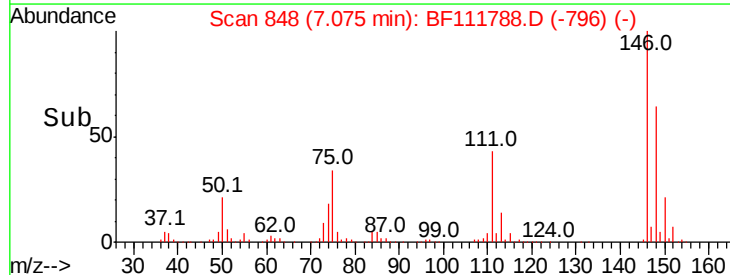
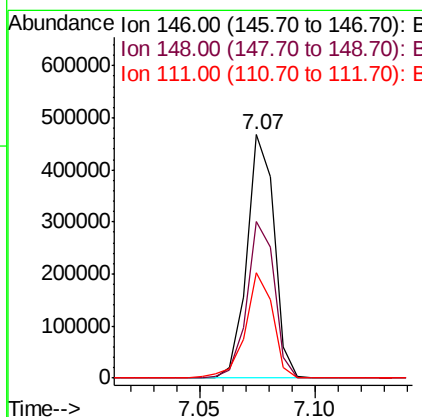
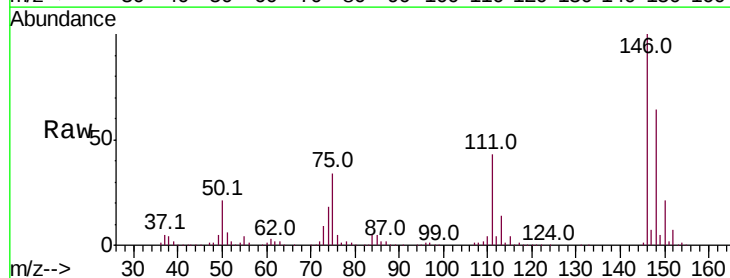
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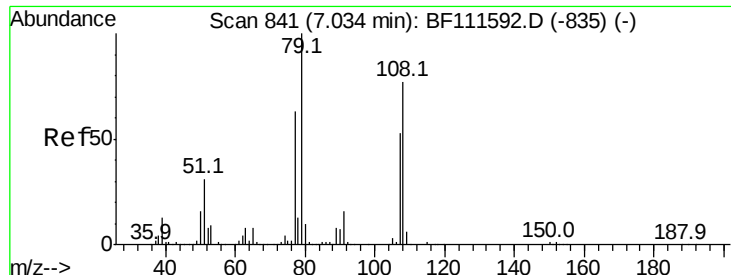
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 32.982 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	43.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 34.686 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

ClientSampleId :

TN-122618-CMS

Tot Ion: 79 Resp: 337959

Ion Ratio Lower Upper

79 100

108 75.5 69.4 104.2

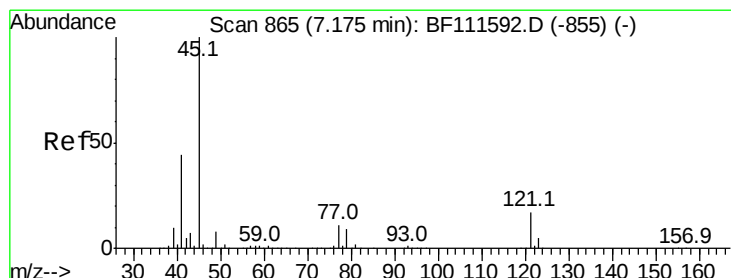
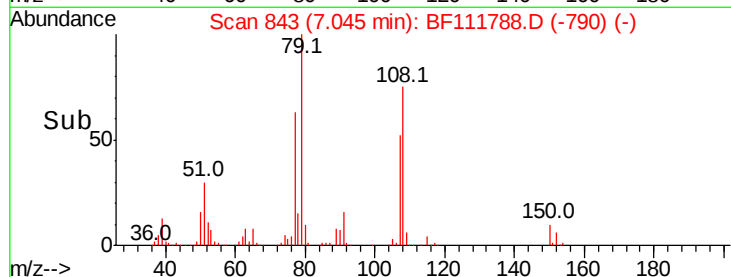
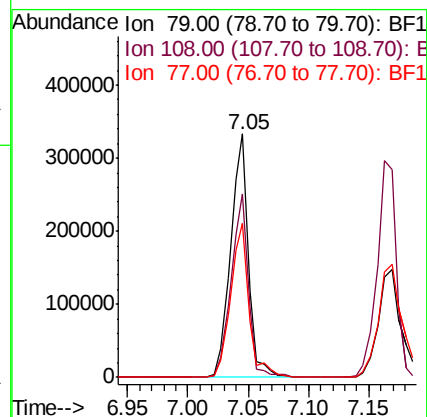
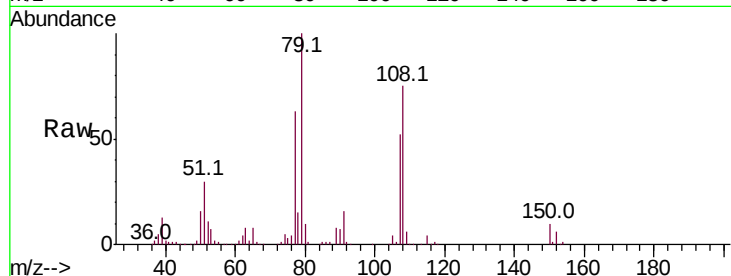
77 63.2 49.7 74.5

Manual Integrations

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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.265 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

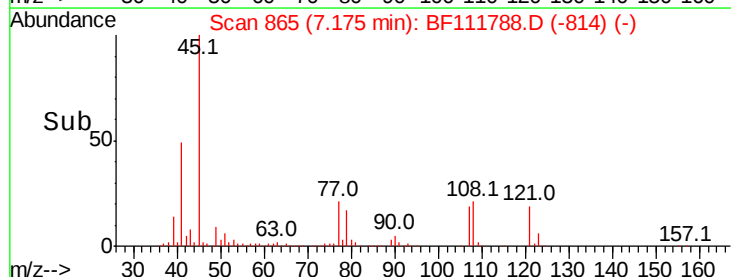
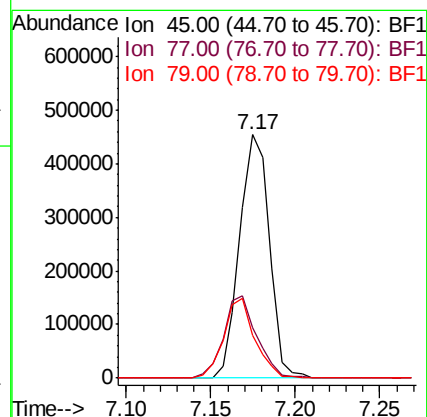
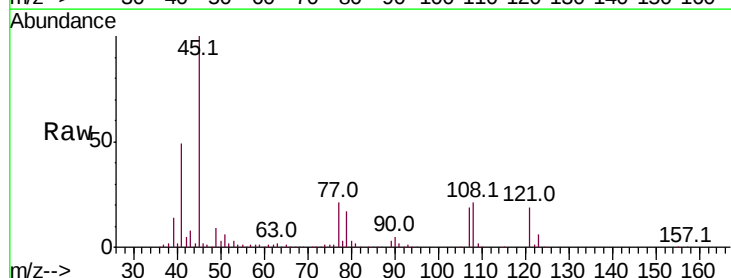
Tgt Ion: 45 Resp: 559071

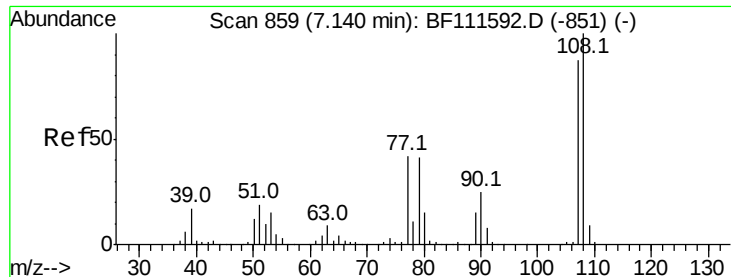
Ion Ratio Lower Upper

45 100

77 20.8 0.0 31.5

79 17.3 0.0 28.9





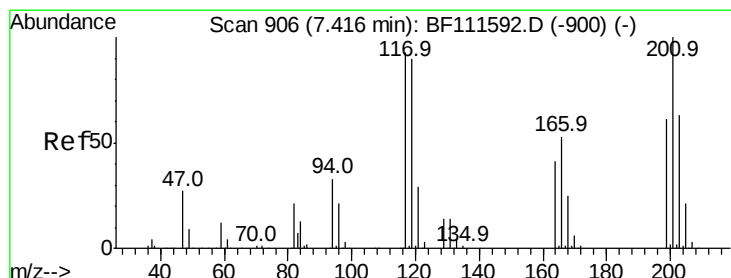
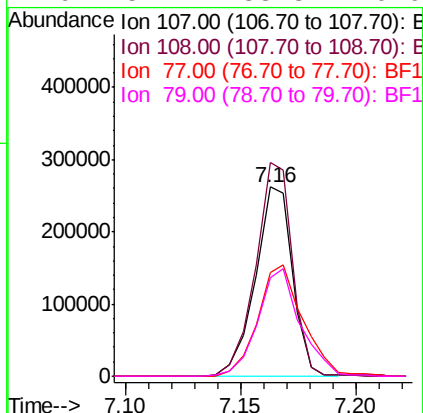
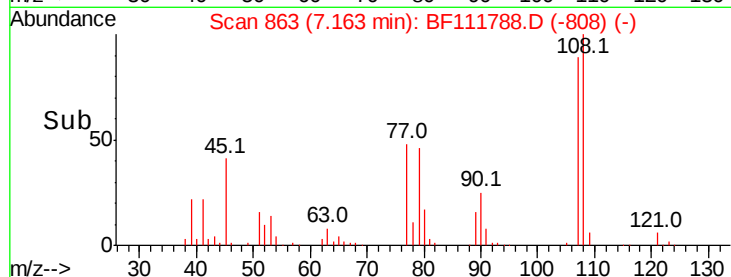
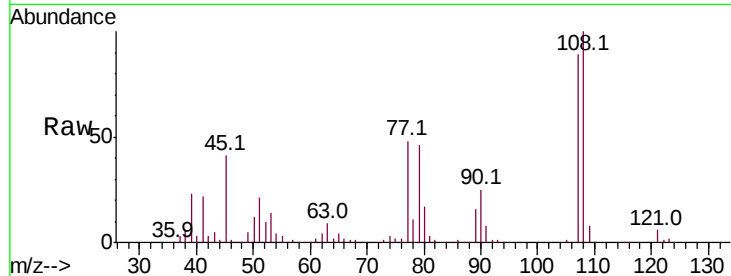
#17
2-Methylphenol
Concen: 34.352 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	293726		
108	113.0	91.0	136.4	
77	54.8	33.5	50.3#	
79	52.2	33.3	49.9#	

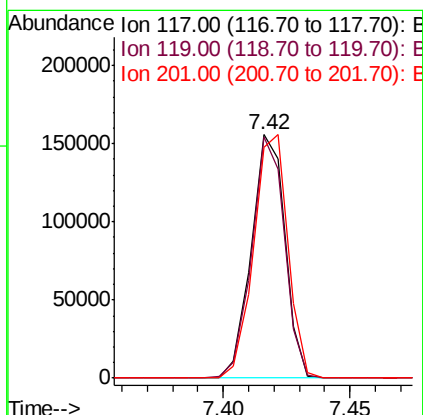
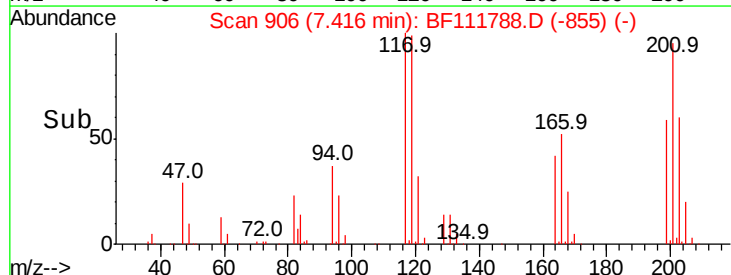
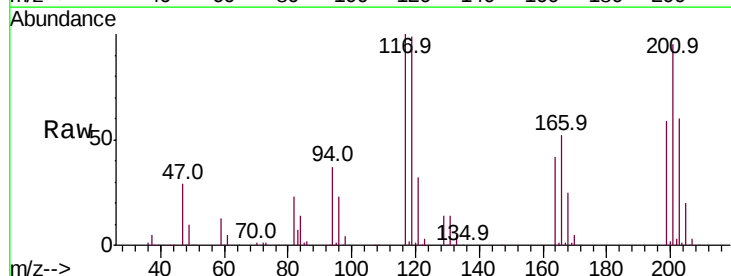
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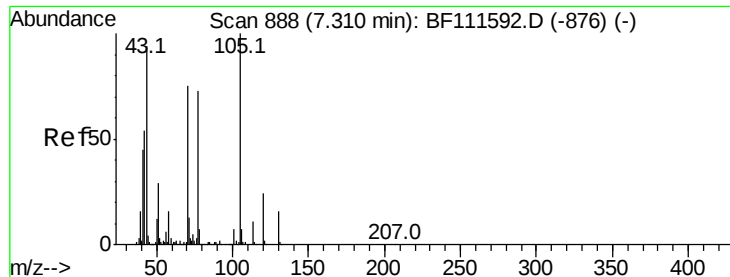
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#18
Hexachloroethane
Concen: 34.104 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	144237		
119	99.4	75.4	113.0	
201	94.9	62.4	93.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 32.289 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

ClientSampleId :

TN-122618-CMS

Tot Ion: 70 Resp: 263072

Ion Ratio Lower Upper

70 100

42 66.6 53.2 79.8

101 9.7 8.2 12.4

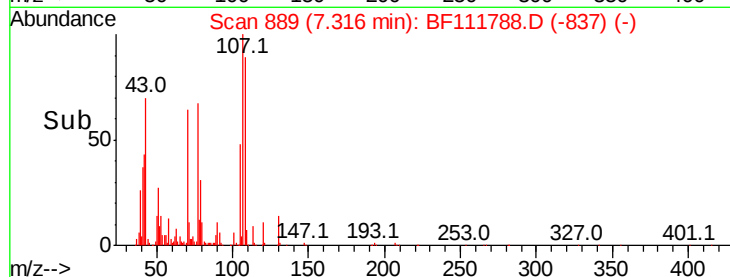
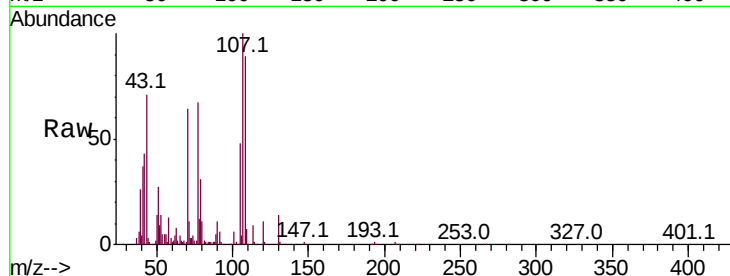
130 22.4 18.1 27.1

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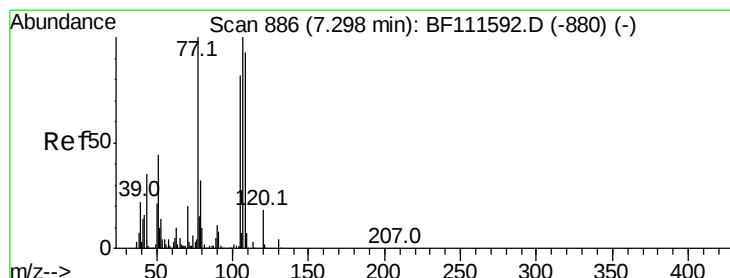
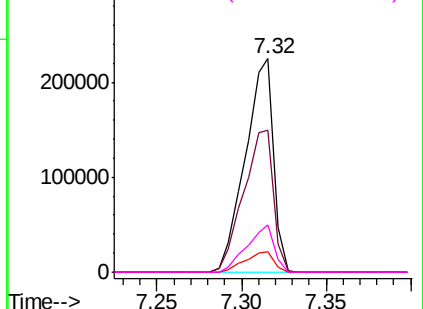


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 35.012 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.02 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Tgt Ion: 107 Resp: 378278

Ion Ratio Lower Upper

107 100

108 89.5 72.1 112.1

77 67.3 94.1 134.1#

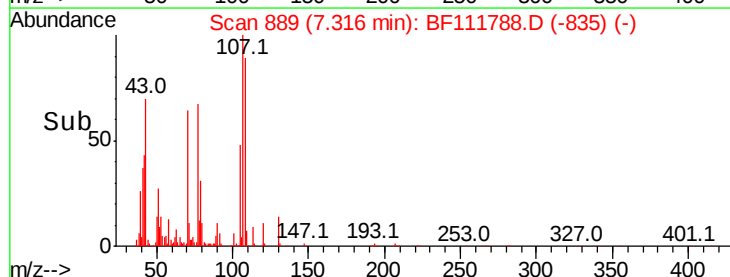
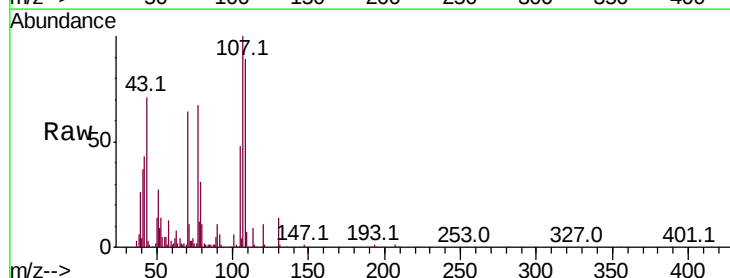
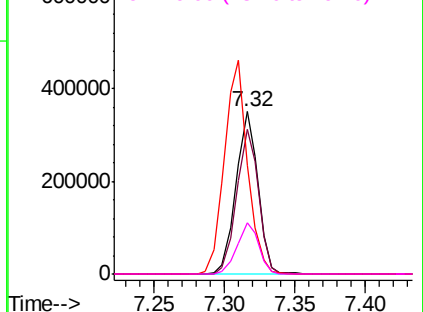
79 31.3 9.8 49.8

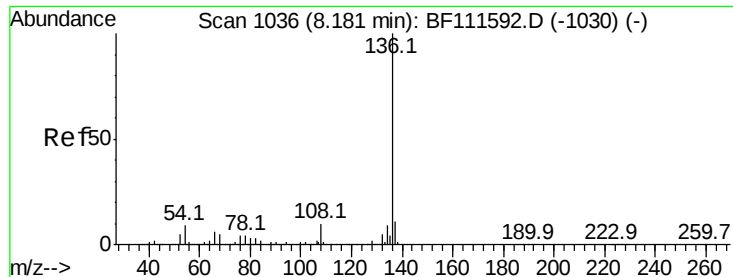
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





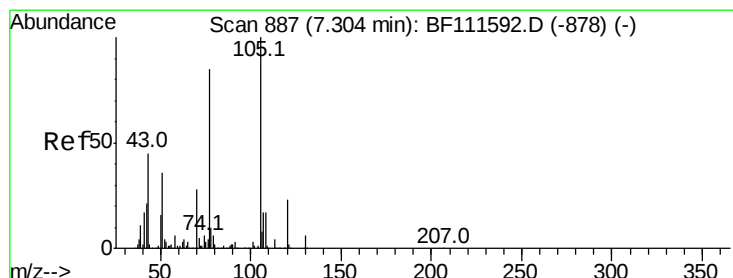
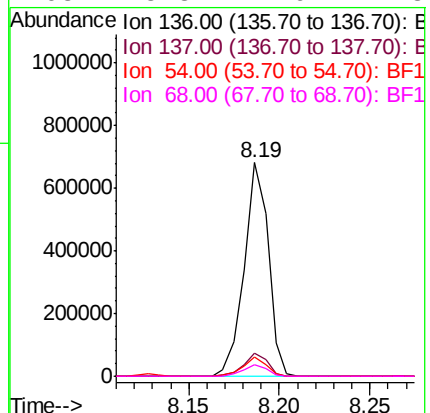
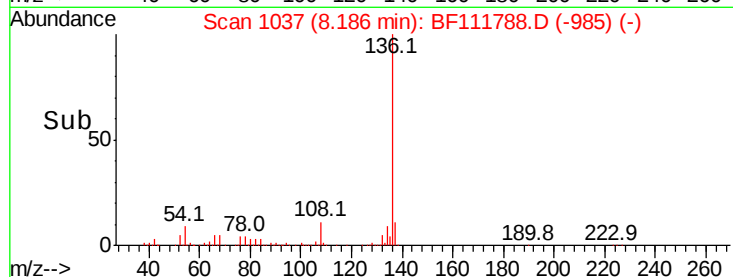
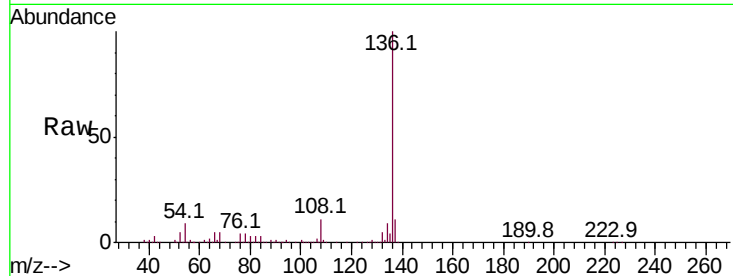
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	8.9	7.7	11.5	
68	5.3	4.9	7.3	

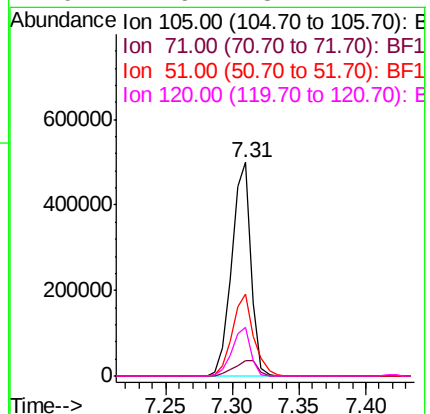
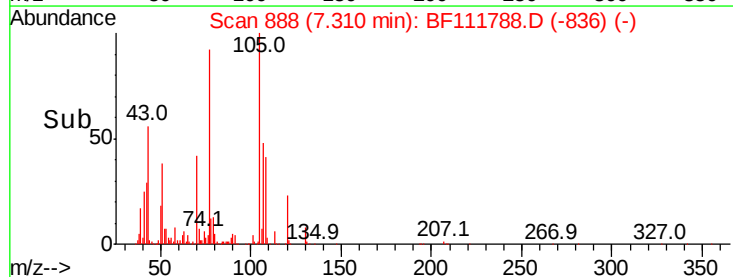
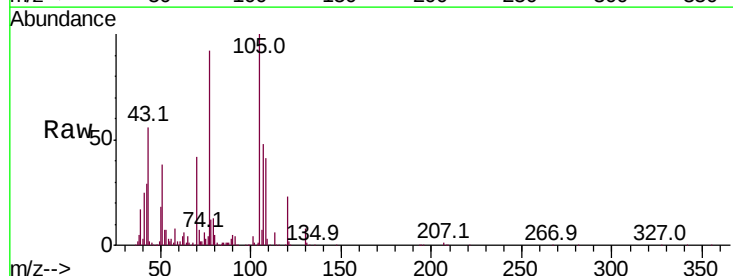
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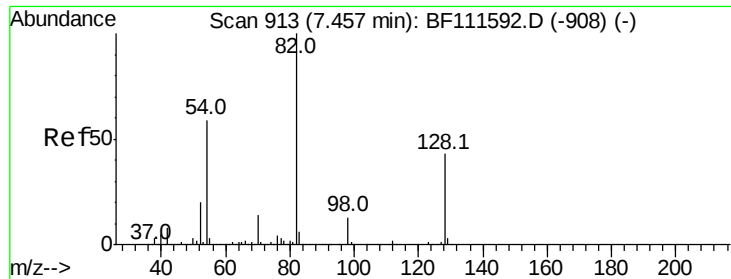
Sohil
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#22
Acetophenone
Concen: 31.673 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	3.1	4.7#	
51	38.1	36.6	54.8	
120	22.6	18.2	27.4	





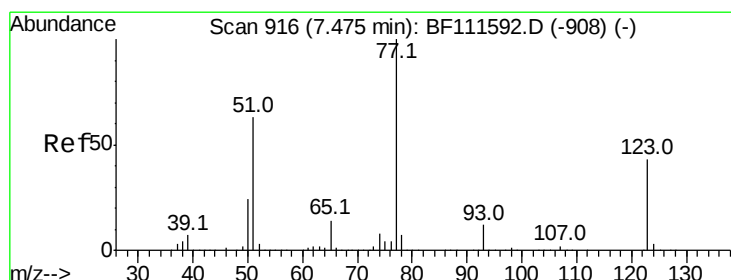
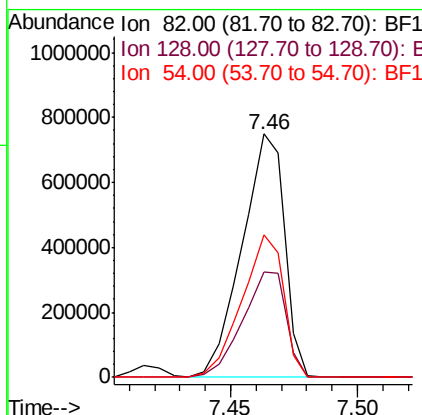
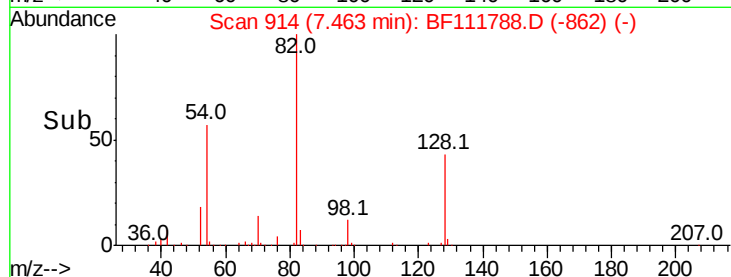
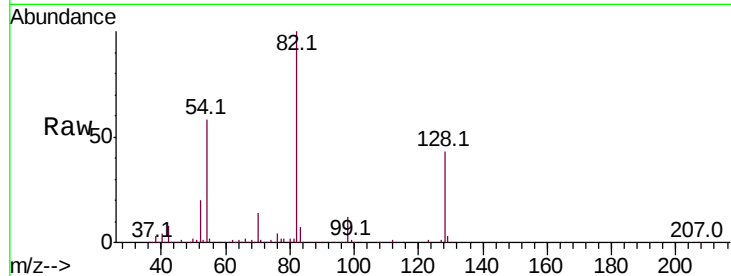
#23
Nitrobenzene-d5
Concen: 80.975 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	37.4	56.2
54	58.4	47.6	71.4

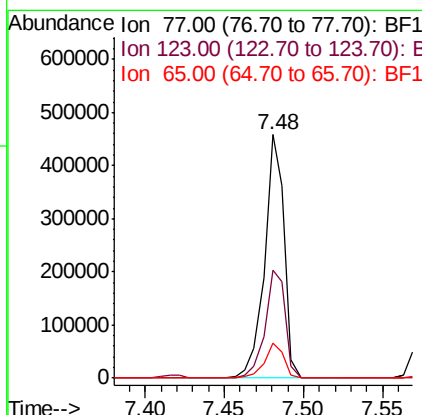
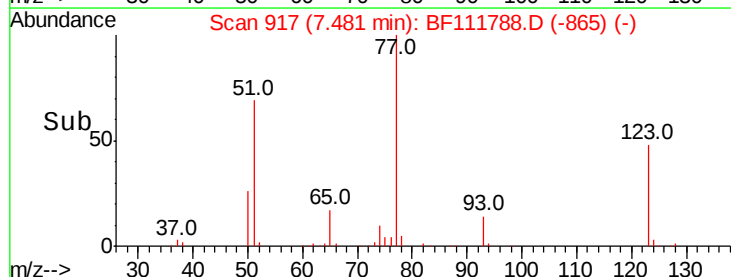
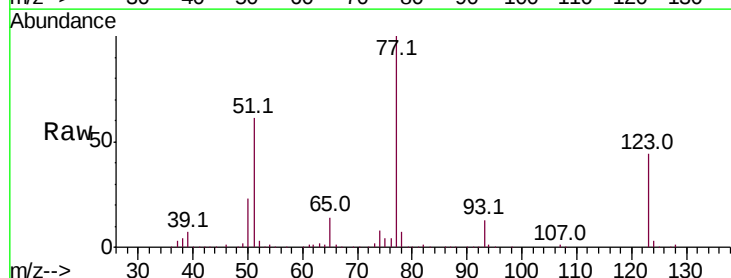
Manual Integrations
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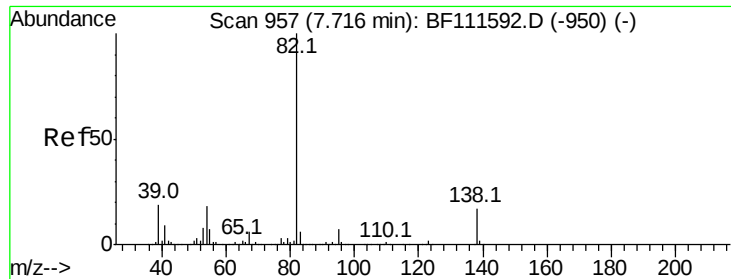
Sohil
1/2/2019 2:51:30 PM



#24
Nitrobenzene
Concen: 35.001 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	37.2	55.8
65	14.4	11.5	17.3





#25

Isophorone

Concen: 36.368 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

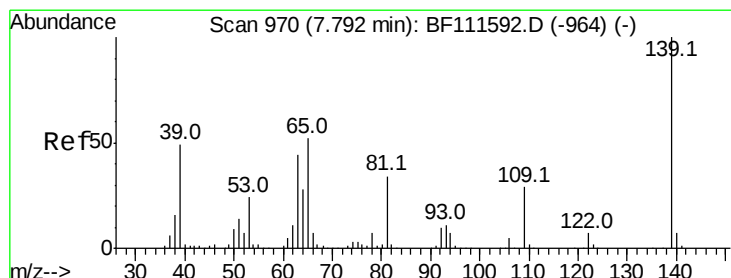
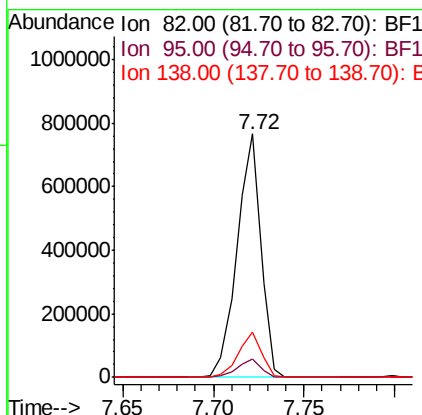
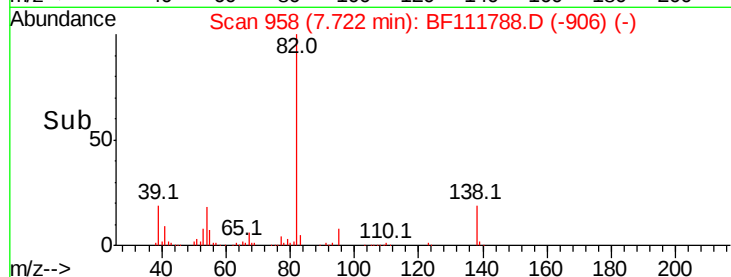
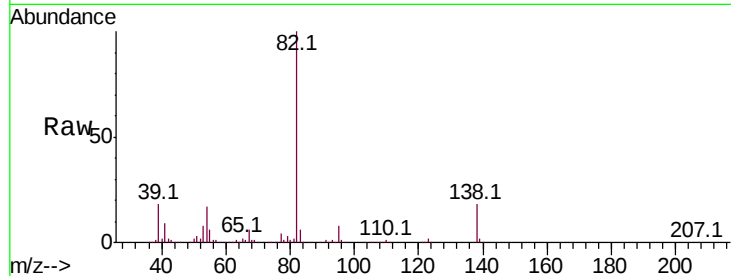
ClientSampleId :

TN-122618-CMS

Tot Ion:	82	Resp:	699465
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.4	8.2
138	18.5	15.1	22.7

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#26

2-Nitrophenol

Concen: 42.494 ng

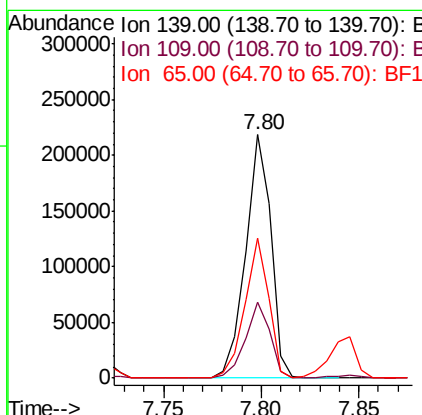
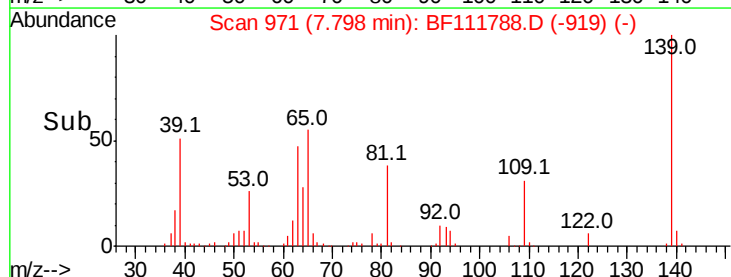
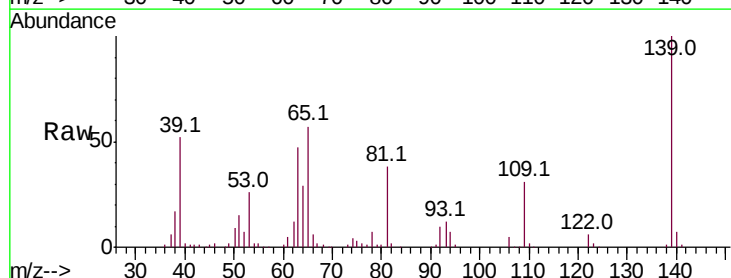
RT: 7.80 min Scan# 971

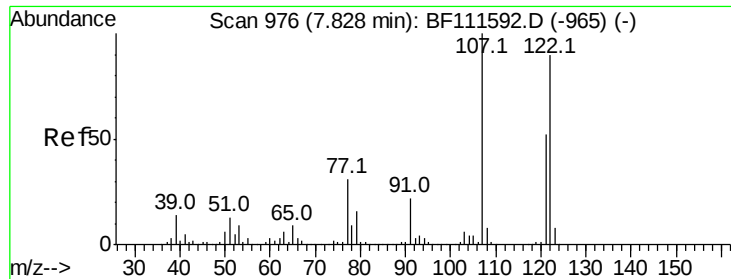
Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Tgt Ion:	139	Resp:	195688
Ion Ratio	Lower	Upper	
139	100		
109	31.3	20.2	30.4#
65	57.4	40.7	61.1





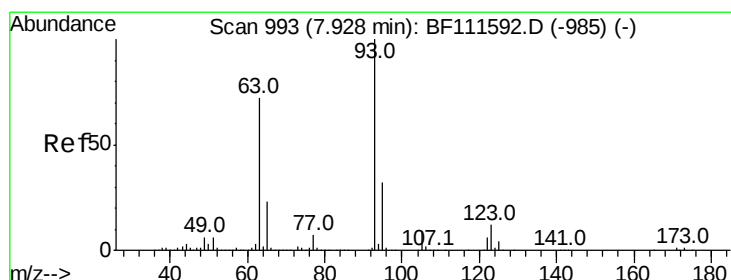
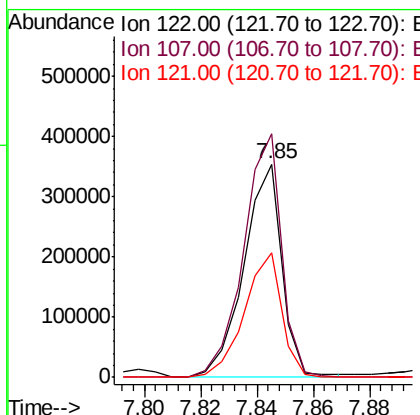
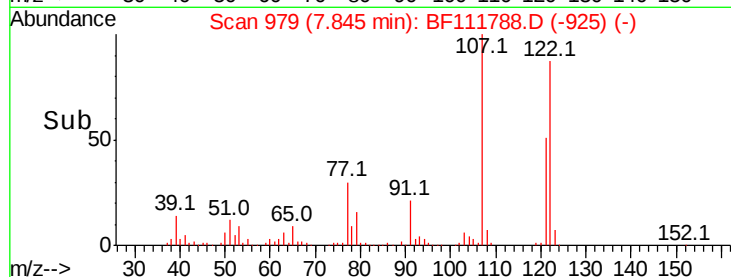
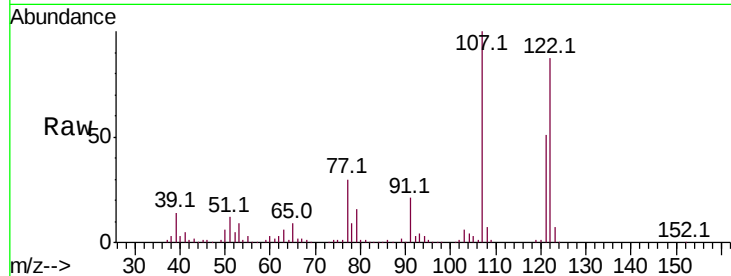
#27
 2,4-Dimethylphenol
 Concen: 36.377 ng
 RT: 7.85 min Scan# 979
 Delta R.T. 0.02 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	85.5	128.3
121	58.2	46.6	70.0

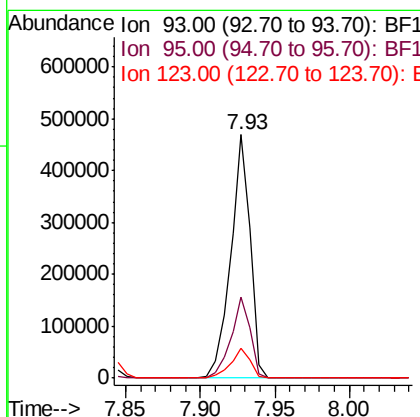
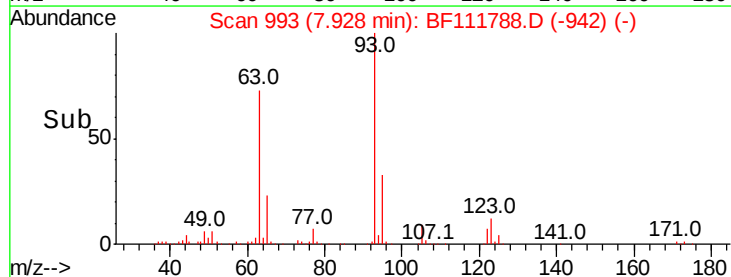
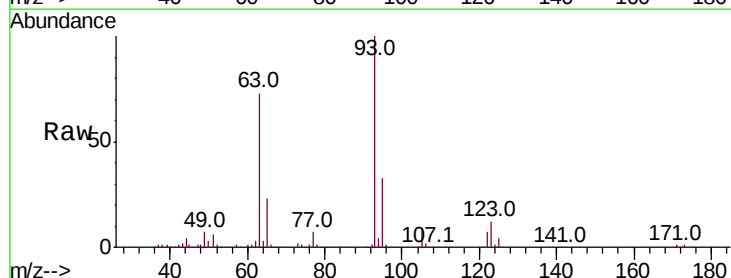
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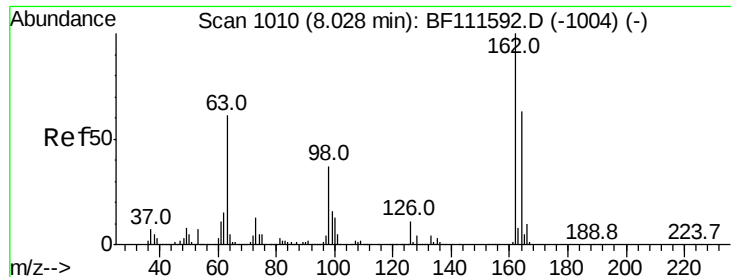
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.843 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	27.1	40.7
123	12.2	9.9	14.9





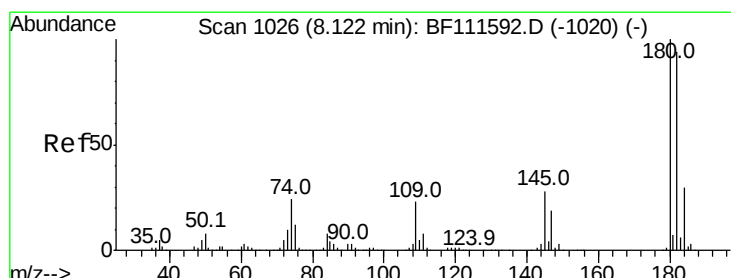
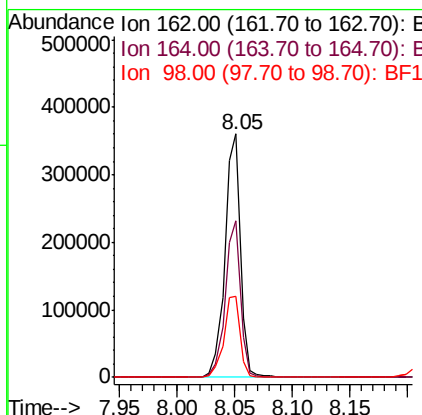
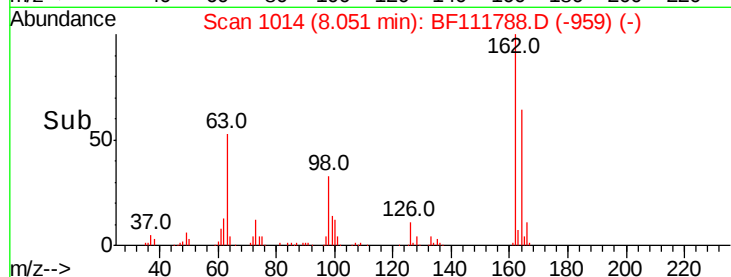
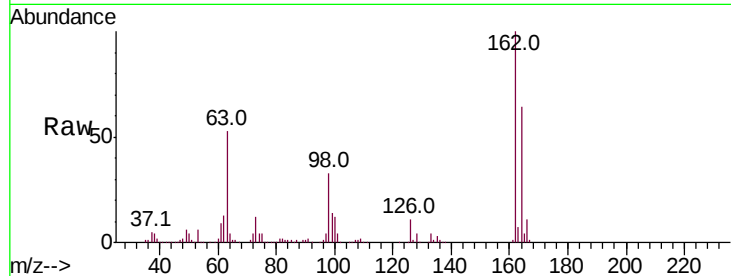
#29
2,4-Dichlorophenol
Concen: 34.512 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.02 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	336977		
164	64.4	44.4	84.4	
98	33.4	20.3	60.3	

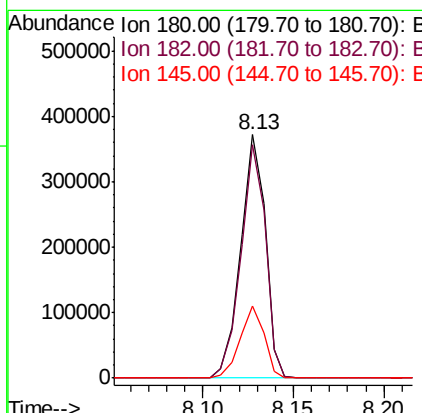
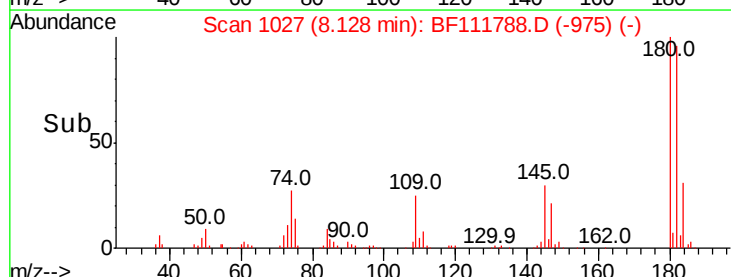
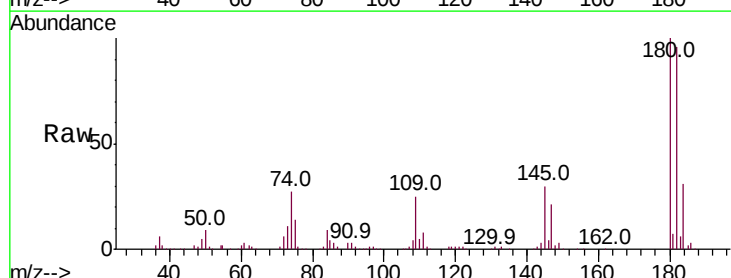
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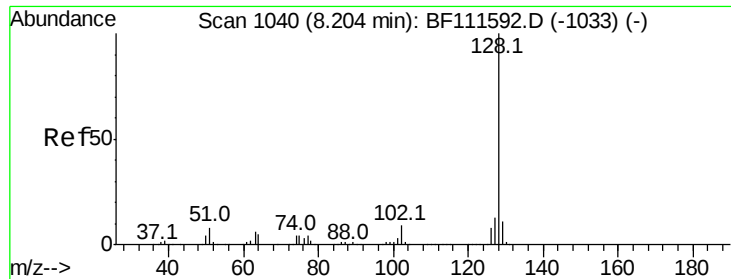
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#30
1,2,4-Trichlorobenzene
Concen: 32.343 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	351909		
182	95.9	75.6	113.4	
145	29.8	26.7	40.1	





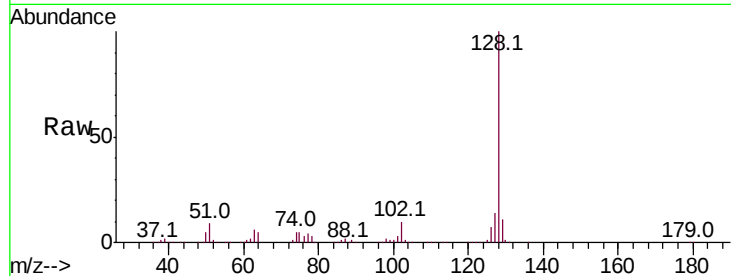
#31
Naphthalene
Concen: 35.369 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

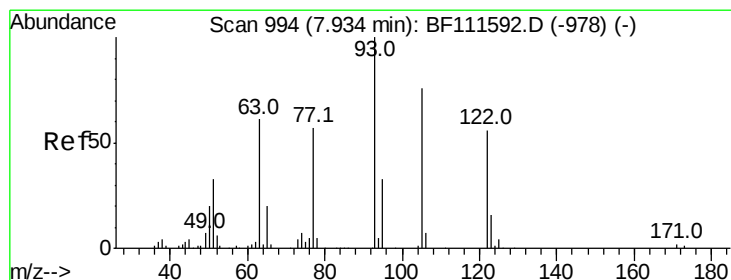
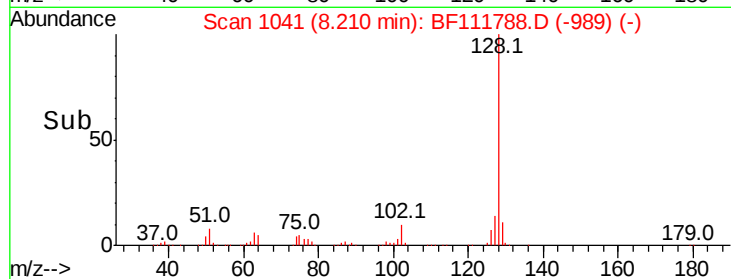
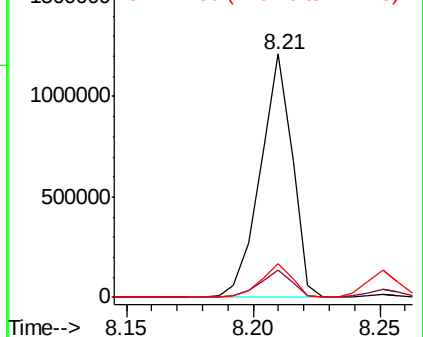
Tot Ion:128 Resp: 1071667
Ion Ratio Lower Upper
128 100
129 11.4 9.8 14.8
127 13.7 12.0 18.0

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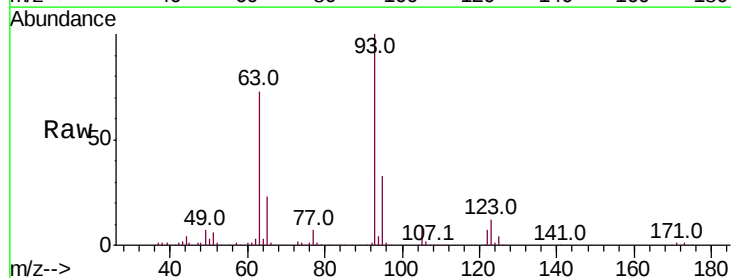


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

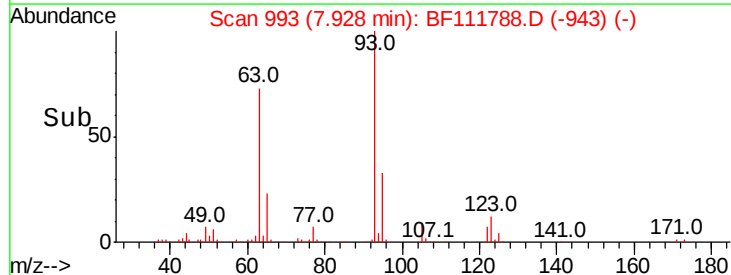
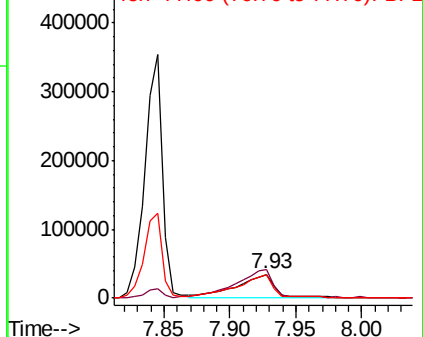


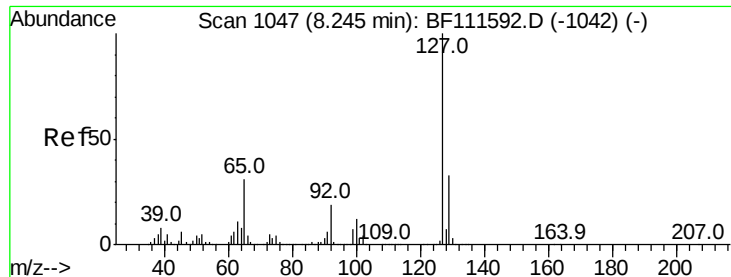
#32
Benzoic acid
Concen: 10.891 ng m
RT: 7.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion:122 Resp: 65372
Ion Ratio Lower Upper
122 100
105 124.2 97.0 137.0
77 102.5 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





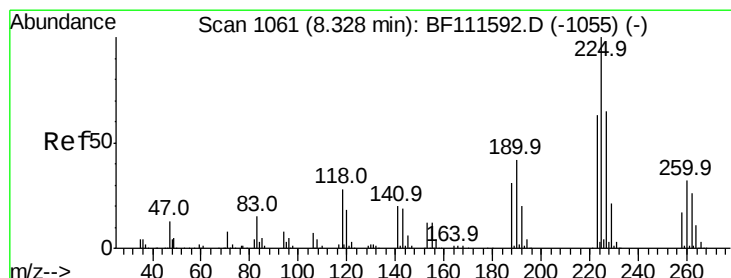
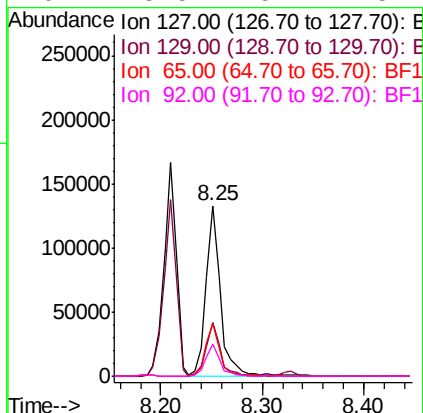
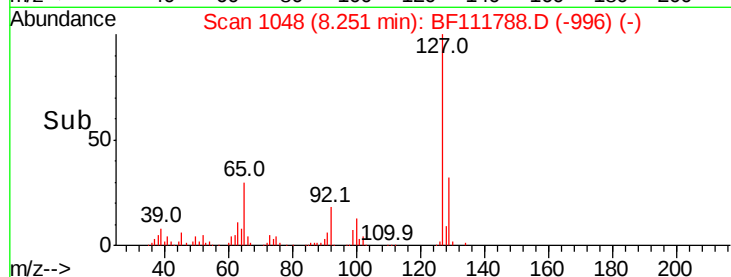
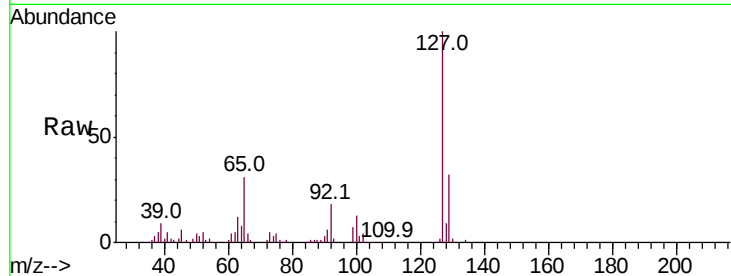
#33
4-Chloroaniline
Concen: 10.148 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.6	39.8
65	30.6	25.7	38.5
92	18.5	15.4	23.2

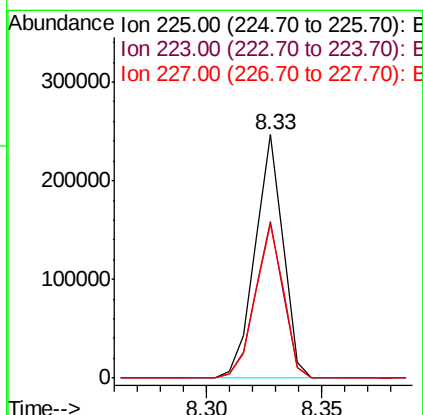
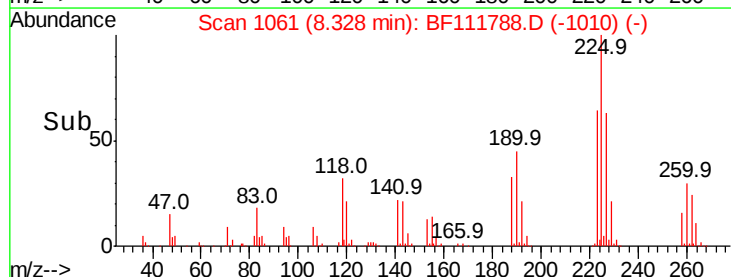
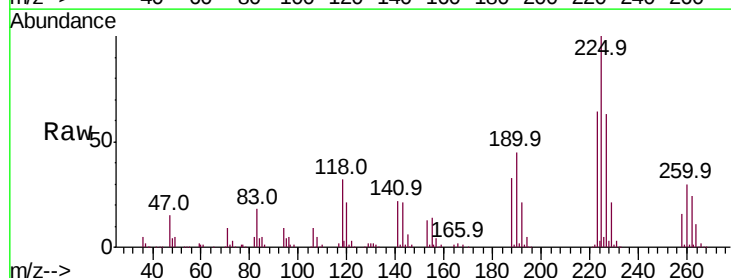
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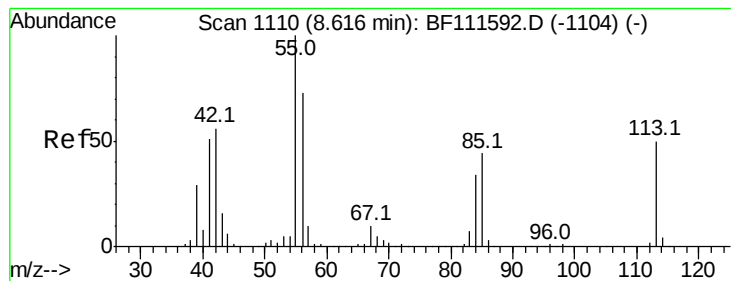
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#34
Hexachlorobutadiene
Concen: 31.599 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	50.7	76.1
227	63.2	52.6	78.8





#35

Caprolactam

Concen: 29.690 ng/mL

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

ClientSampleId :

TN-122618-CMS

Tot Ion:113 Resp: 98231

Ion Ratio Lower Upper

113 100

55 198.0 184.1 224.1

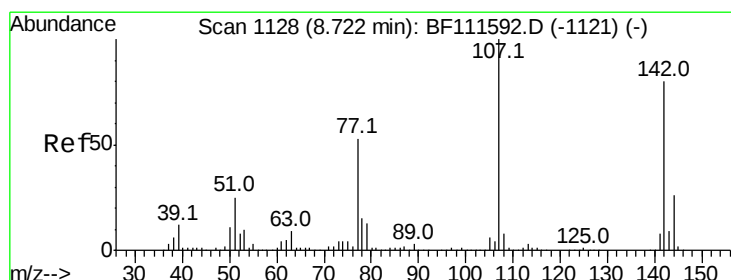
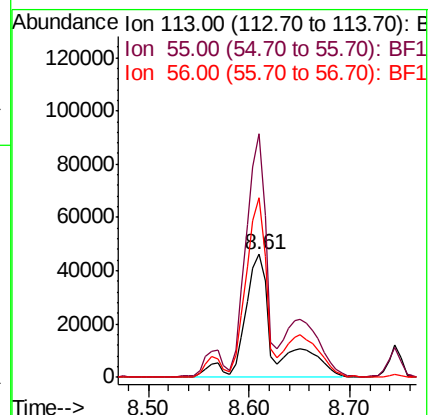
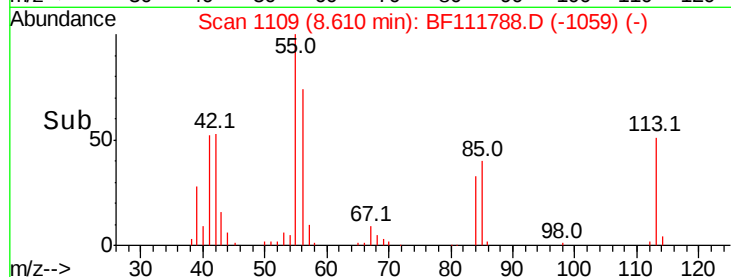
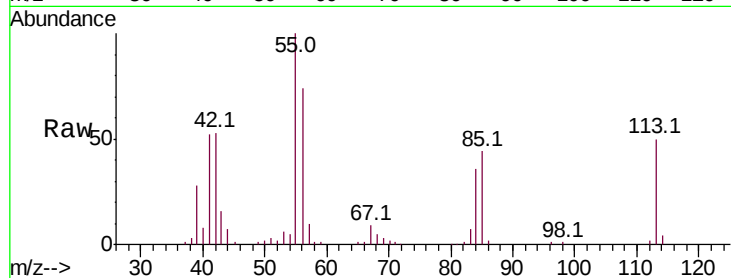
56 145.6 126.0 166.0

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#36

4-Chloro-3-methylphenol

Concen: 35.183 ng/mL

RT: 8.75 min Scan# 1132

Delta R.T. 0.02 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

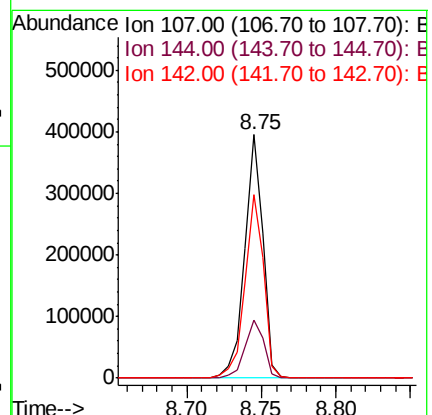
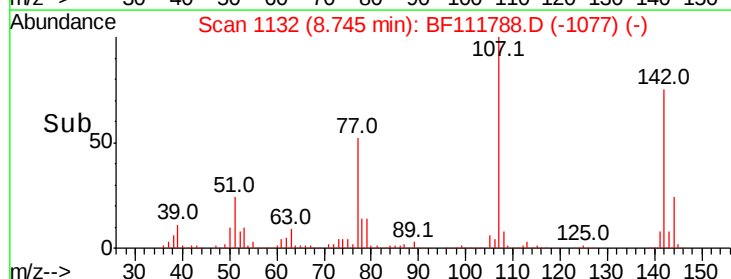
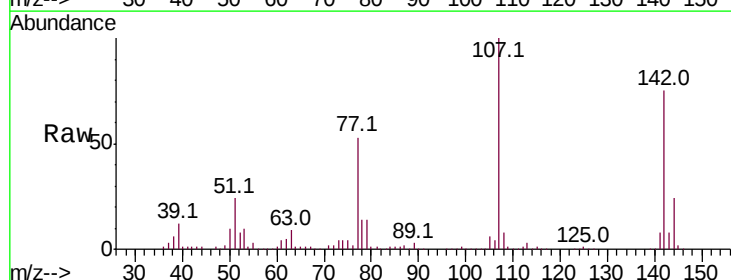
Tgt Ion:107 Resp: 337686

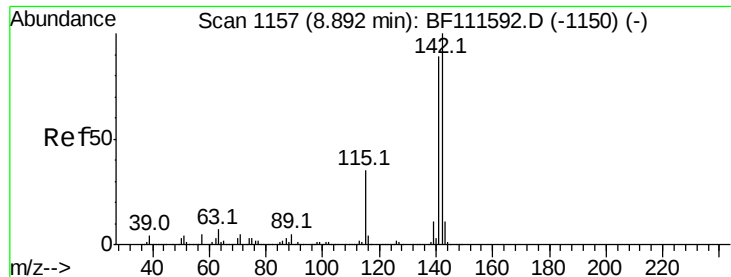
Ion Ratio Lower Upper

107 100

144 24.0 19.8 29.6

142 75.4 62.3 93.5





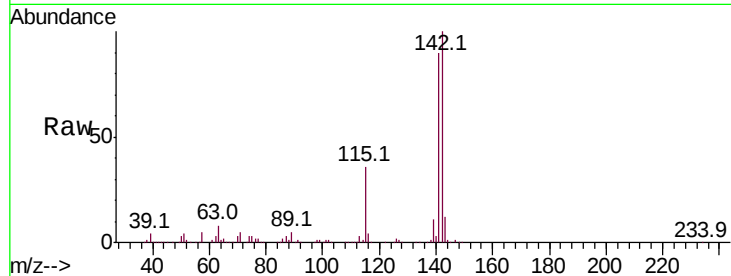
#37
2-Methylnaphthalene
Concen: 37.441 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	738068		
141	90.3	70.6	105.8	
115	36.3	27.0	40.6	

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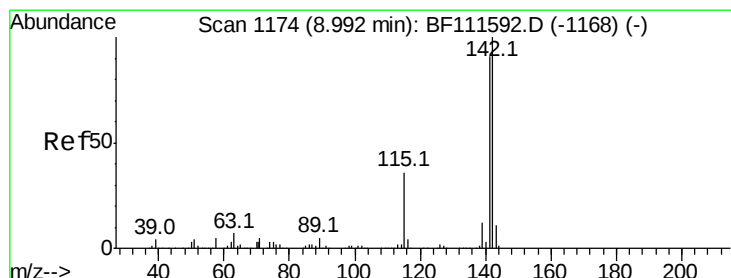
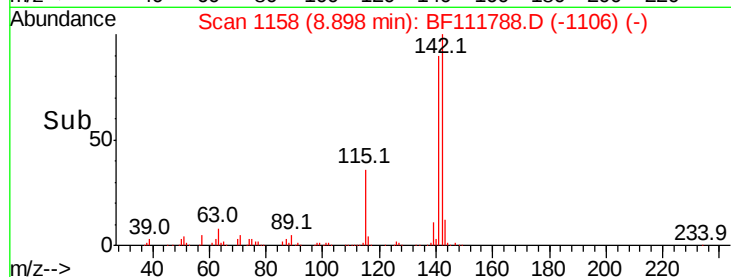
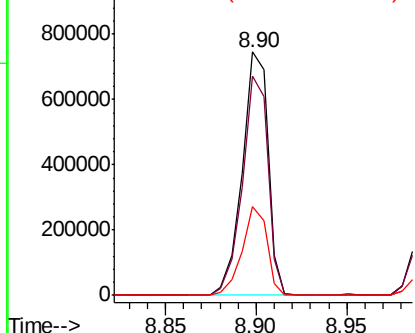


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 36.949 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

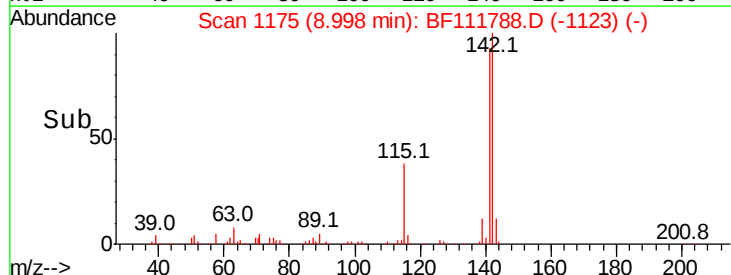
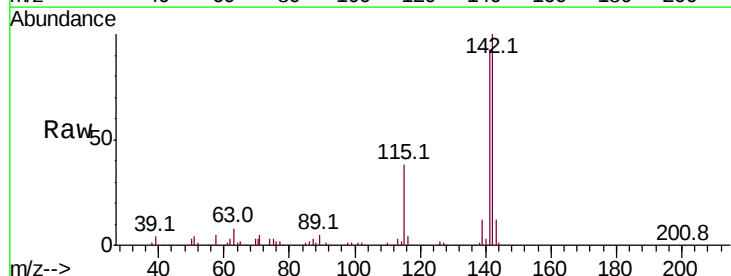
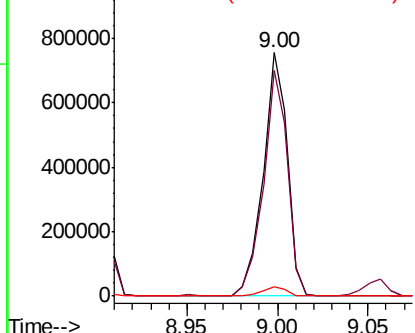
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	699543		
141	92.7	74.2	111.4	
116	3.9	2.9	4.3	

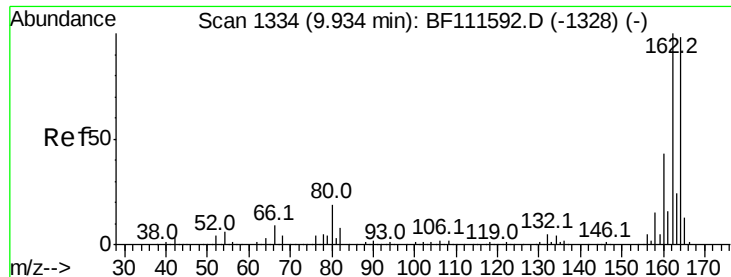
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





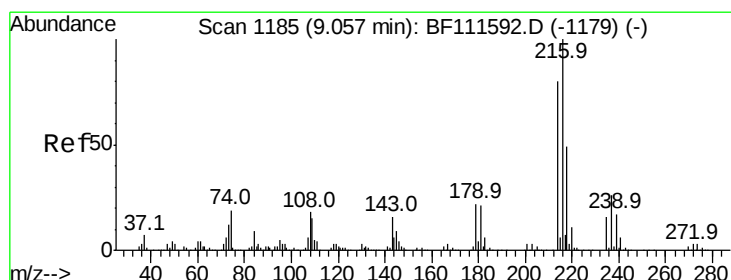
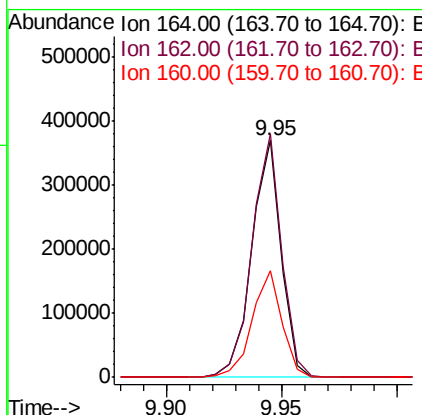
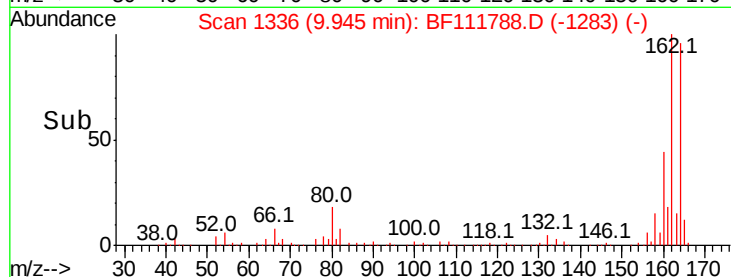
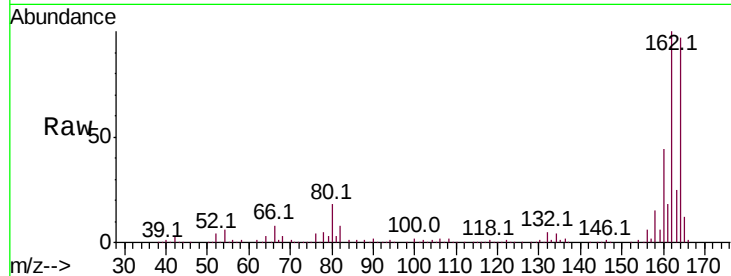
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	327401		
162	102.9	81.4	122.0	
160	44.9	35.7	53.5	

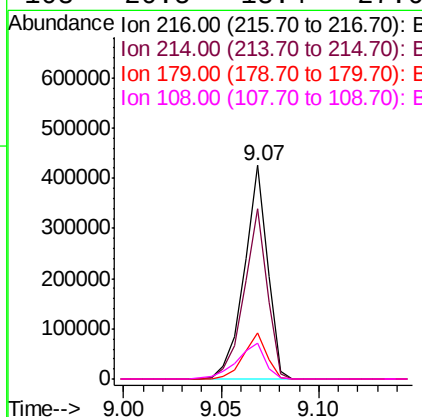
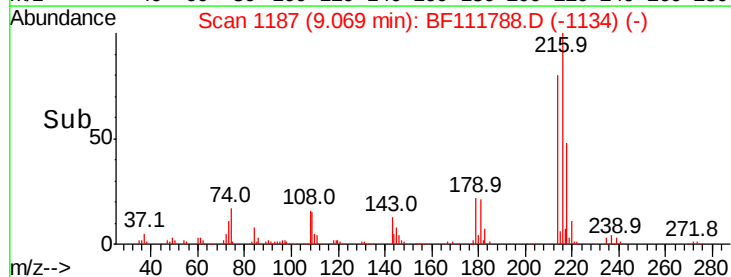
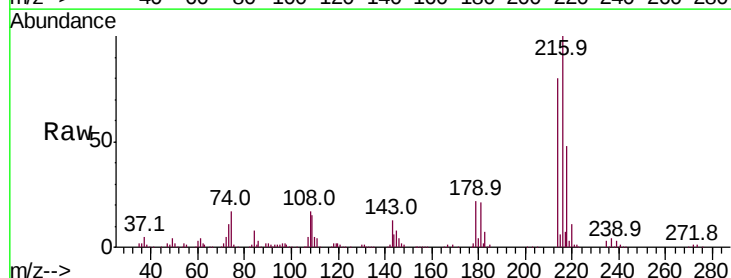
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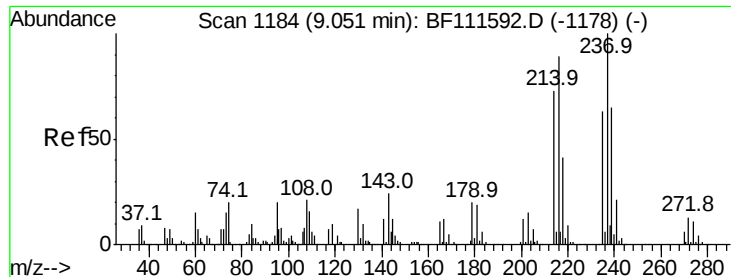
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.736 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	352190		
214	79.5	63.8	95.8	
179	21.5	17.9	26.9	
108	20.5	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 83.121 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

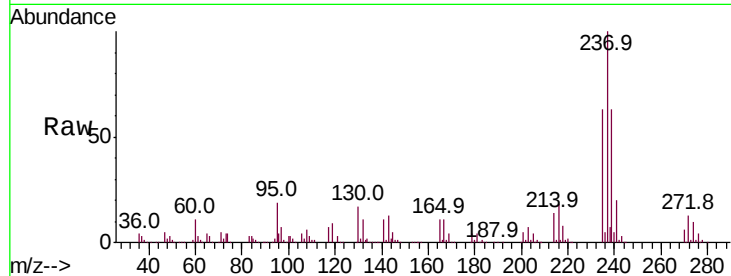
ClientSampleId :

TN-122618-CMS

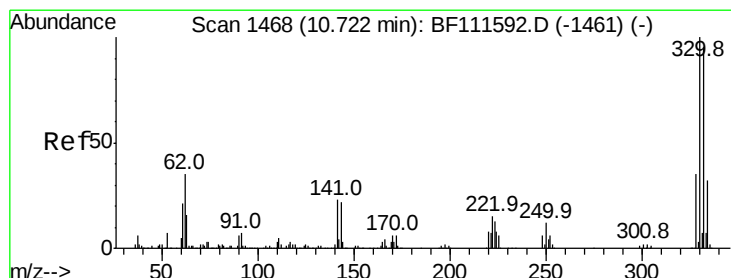
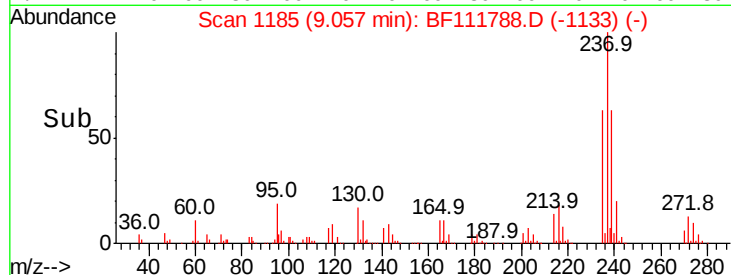
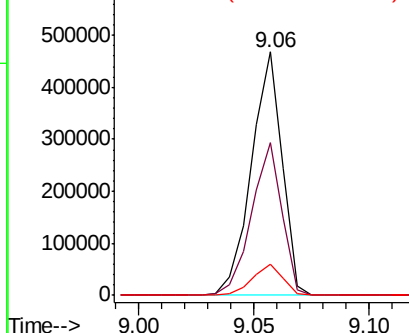
Tot Ion:	237	Resp:	433946
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.1	83.1
272	12.9	0.0	33.0

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 117.655 ng

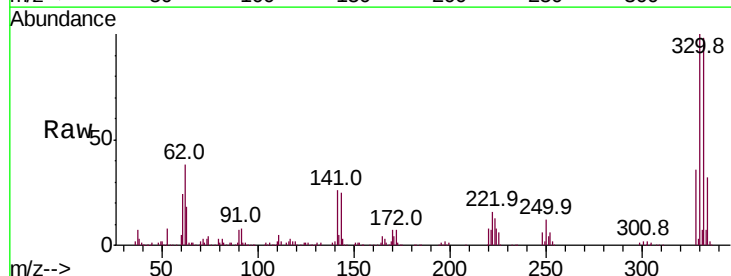
RT: 10.74 min Scan# 1471

Delta R.T. 0.02 min

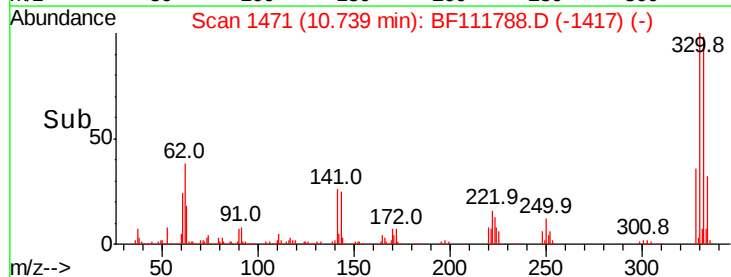
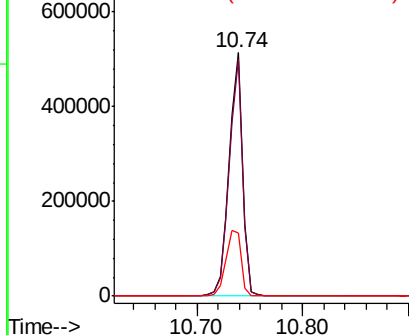
Lab File: BF111788.D

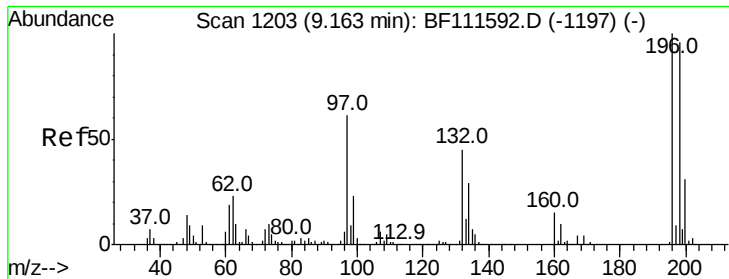
Acq: 28 Dec 2018 15:03

Tgt Ion:	330	Resp:	455147
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.0	114.0
141	30.7	31.0	46.6#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





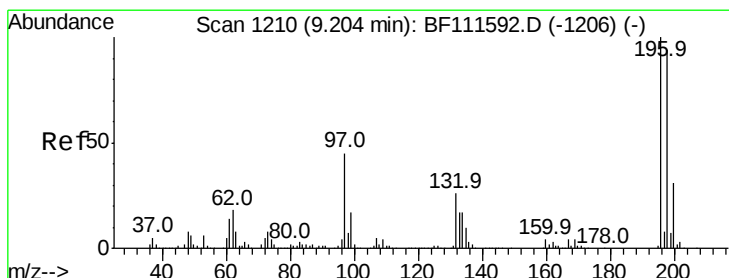
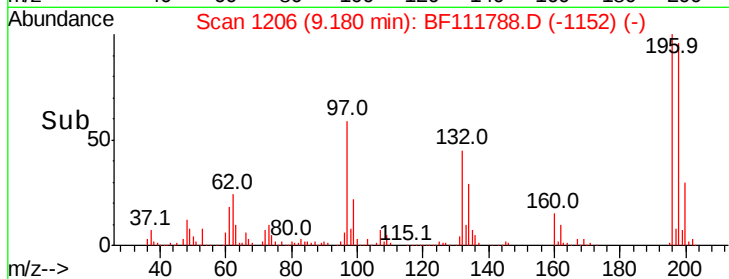
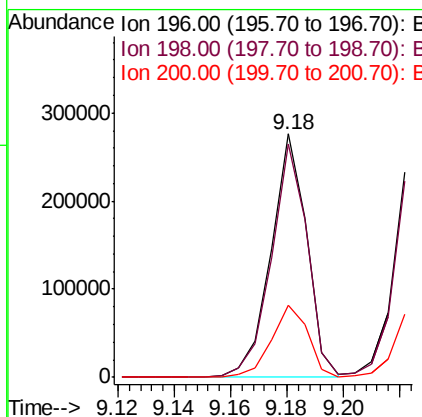
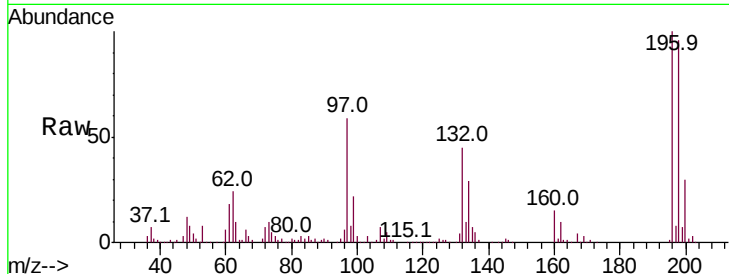
#43
 2,4,6-Trichlorophenol
 Concen: 33.828 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 TN-122618-CMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	242984		
198	95.9	76.3	114.5	
200	29.7	24.9	37.3	

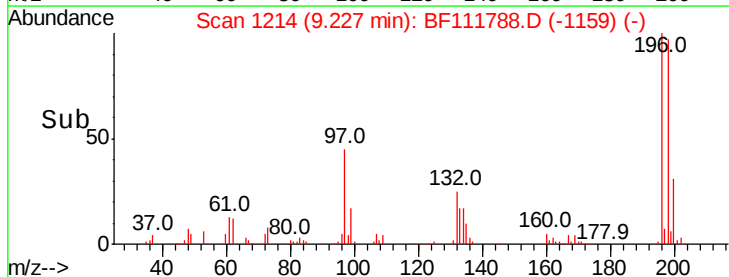
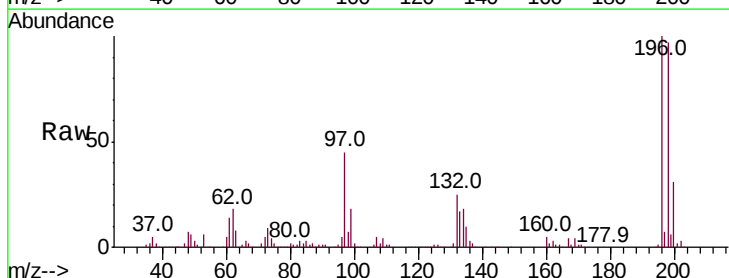
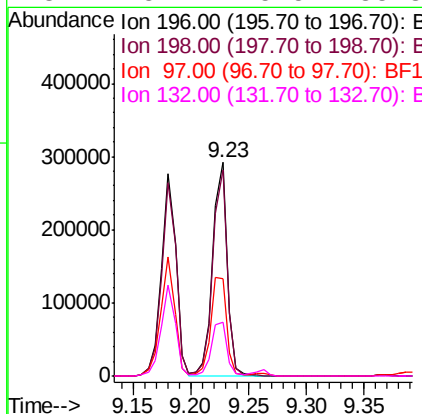
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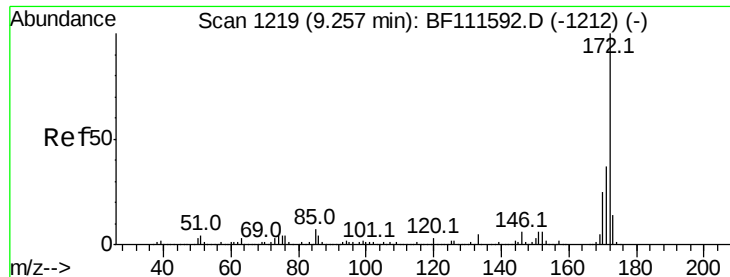
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#44
 2,4,5-Trichlorophenol
 Concen: 34.863 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. 0.02 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256899		
198	96.6	72.9	109.3	
97	45.4	45.3	67.9	
132	25.4	25.5	38.3	





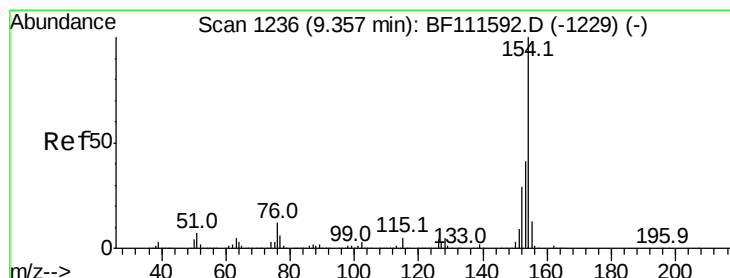
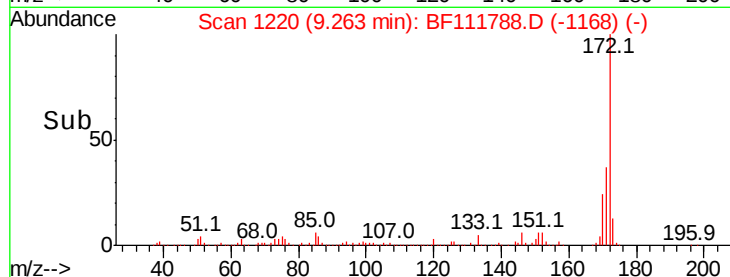
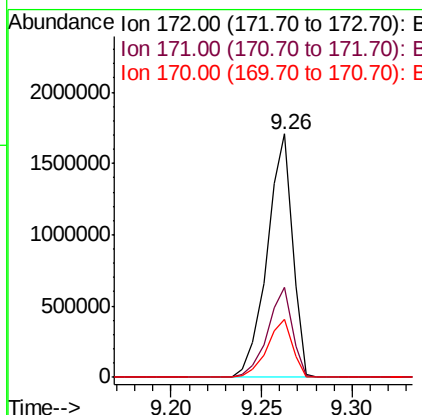
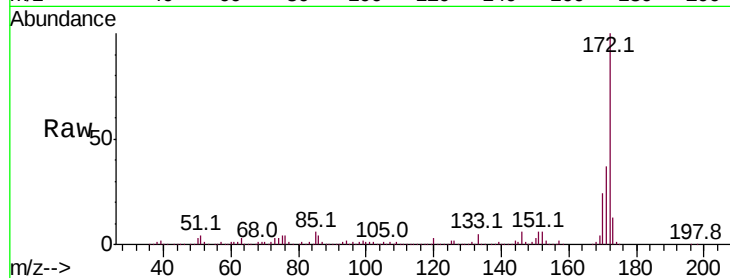
#45
2-Fluorobiphenyl
Concen: 73.923 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	33.0	49.4
170	24.0	22.3	33.5

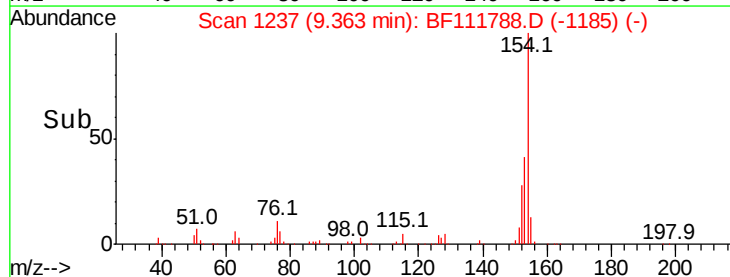
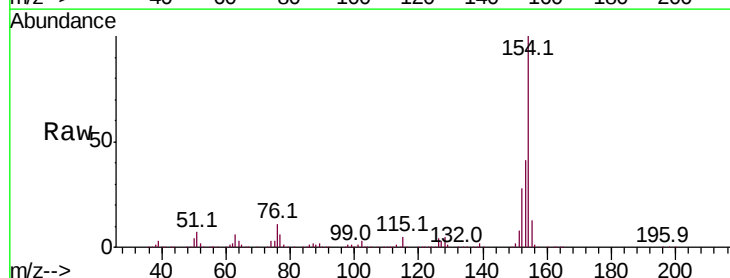
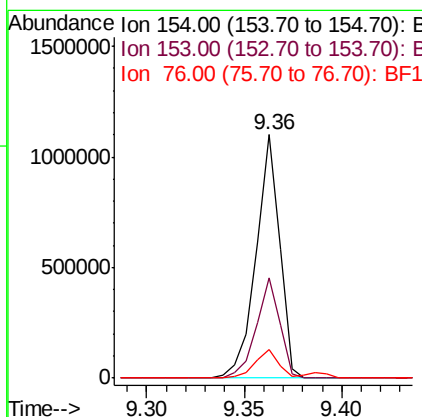
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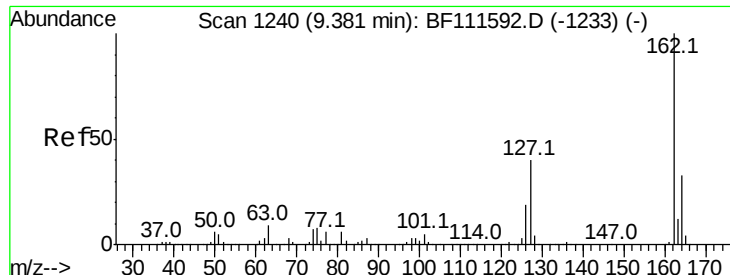
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#46
1,1'-Biphenyl
Concen: 33.334 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.7	63.7
76	11.5	0.0	35.0





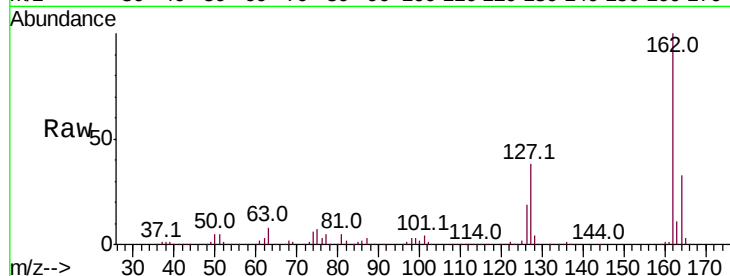
#47
 2-Chloronaphthalene
 Concen: 32.706 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. 0.01 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 TN-122618-CMS

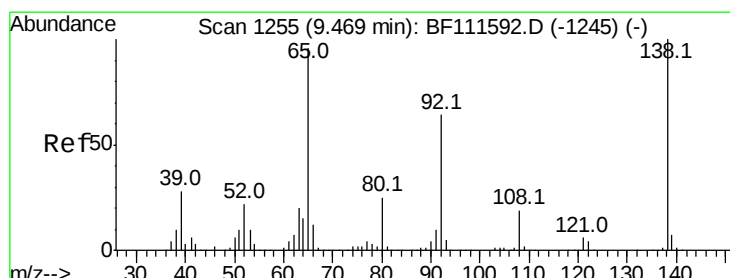
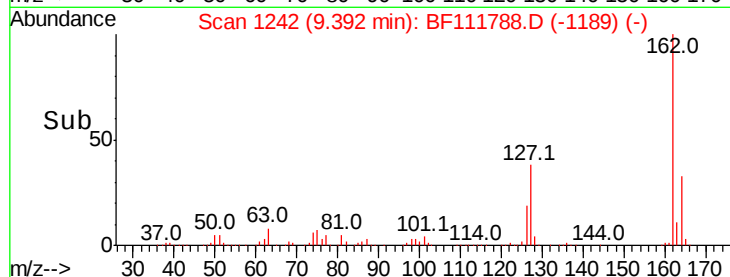
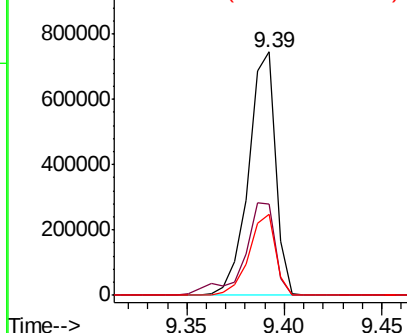
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	35.0	52.4
164	33.3	28.4	42.6

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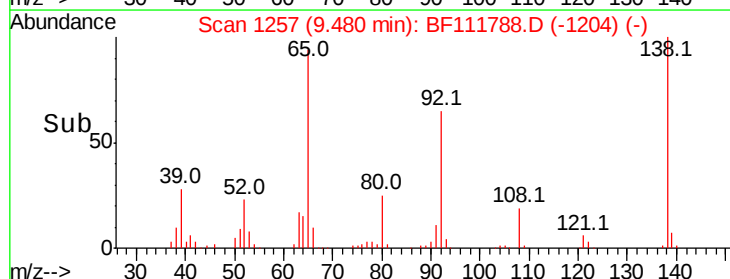
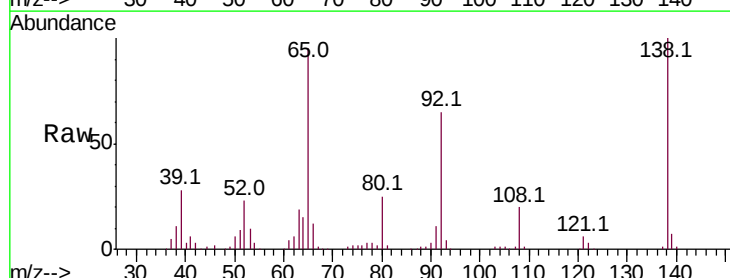
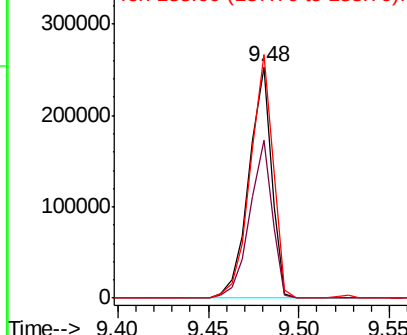
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

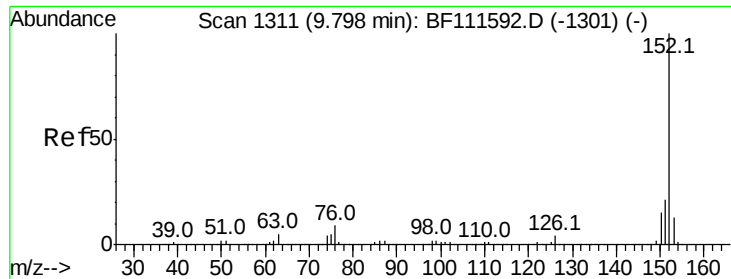


#48
 2-Nitroaniline
 Concen: 38.756 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. 0.01 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	53.5	80.3
138	105.5	80.9	121.3

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.834 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

ClientSampleId :

TN-122618-CMS

Tot Ion:152 Resp: 1145631

Ion Ratio Lower Upper

152 100

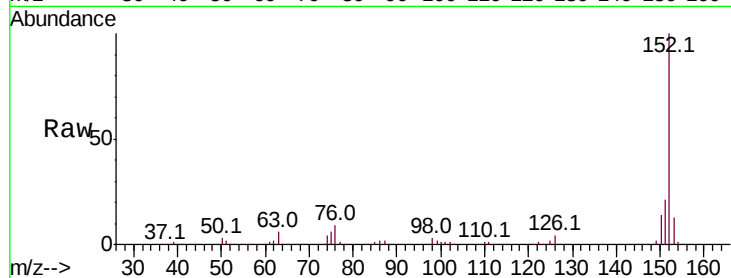
151 20.6 18.0 27.0

153 13.5 12.3 18.5

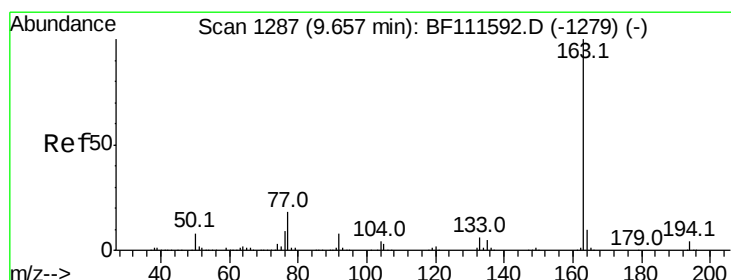
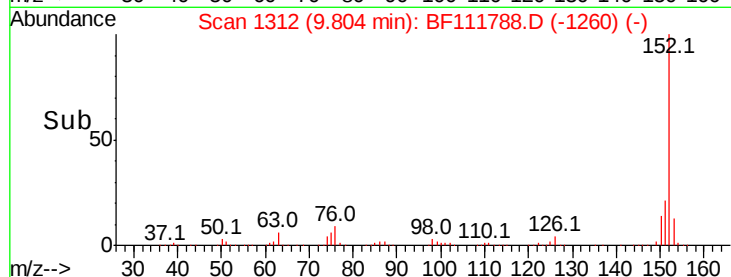
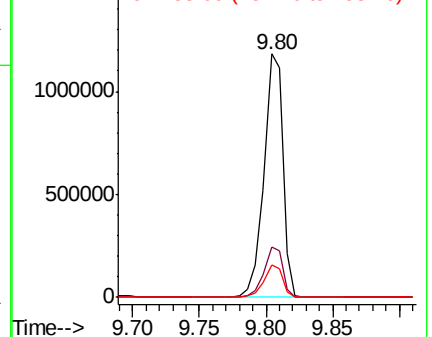
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.447 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

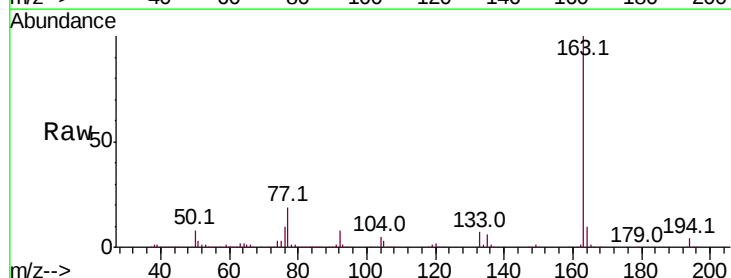
Tgt Ion:163 Resp: 1135959

Ion Ratio Lower Upper

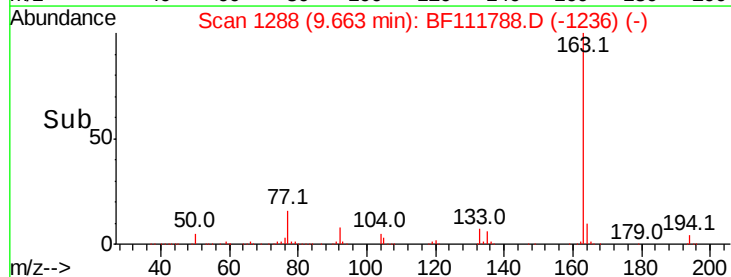
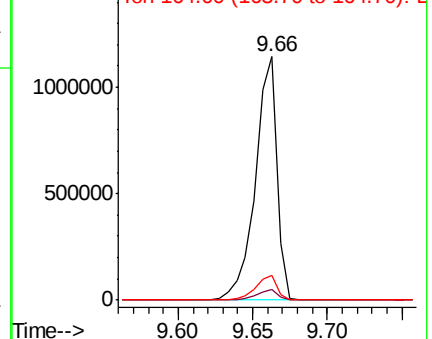
163 100

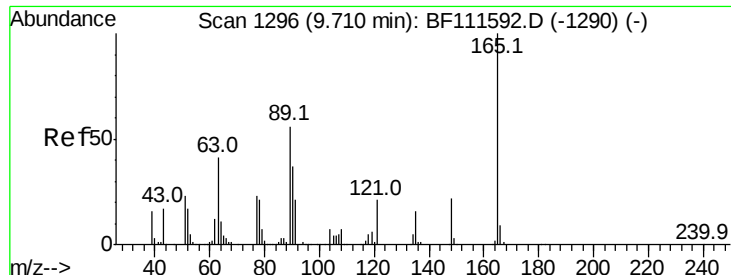
194 4.3 3.0 4.6

164 10.2 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.717 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

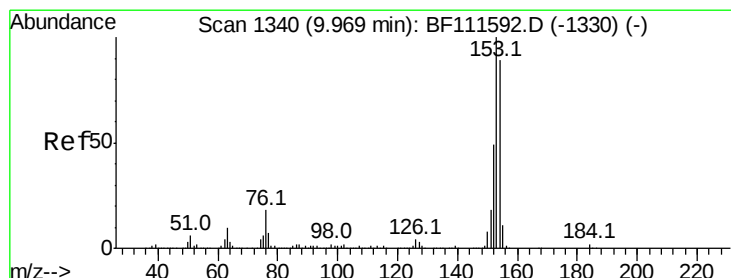
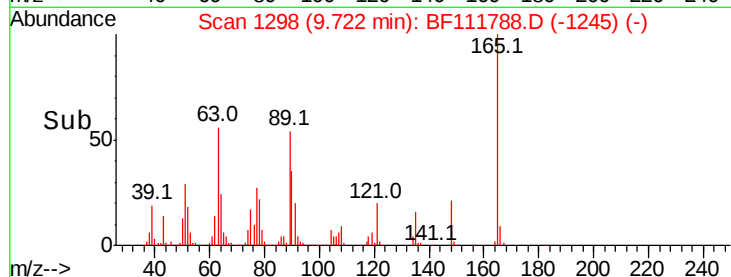
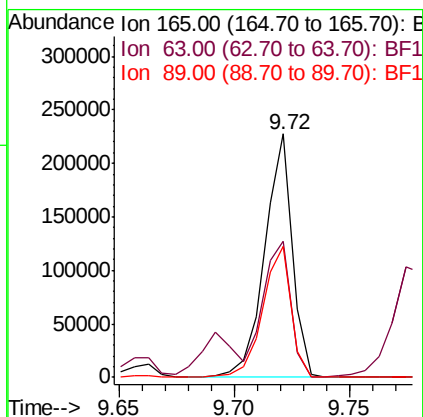
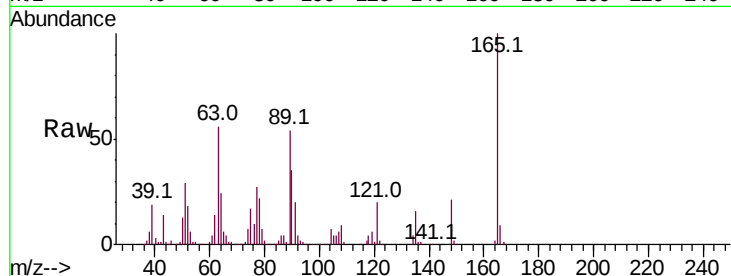
ClientSampleId :

TN-122618-CMS

Tot Ion:165	Resp:	189607
Ion Ratio	Lower	Upper
165 100		
63 55.7	40.5	60.7
89 53.6	40.0	60.0

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#52

Acenaphthene

Concen: 36.798 ng

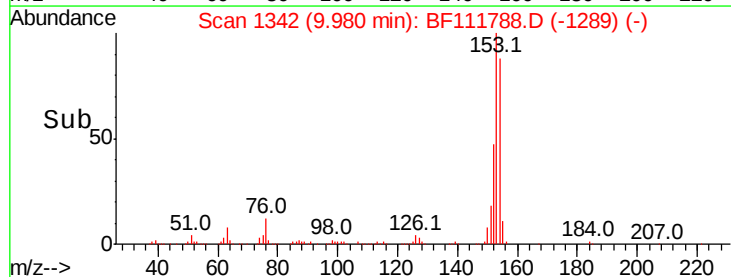
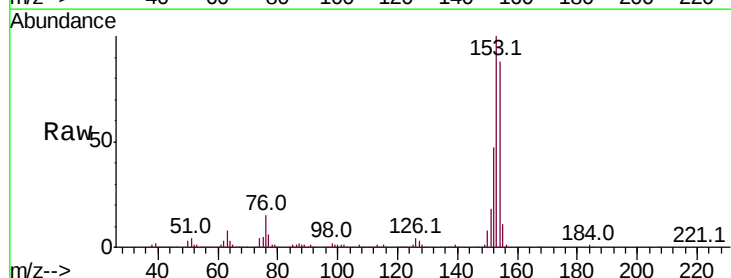
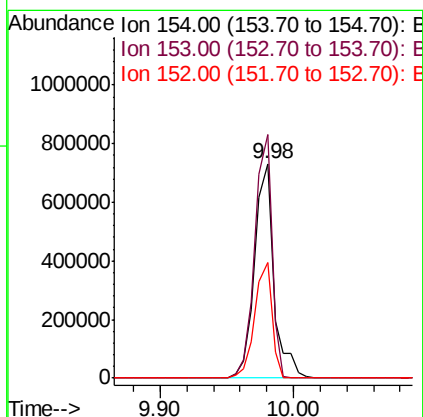
RT: 9.98 min Scan# 1342

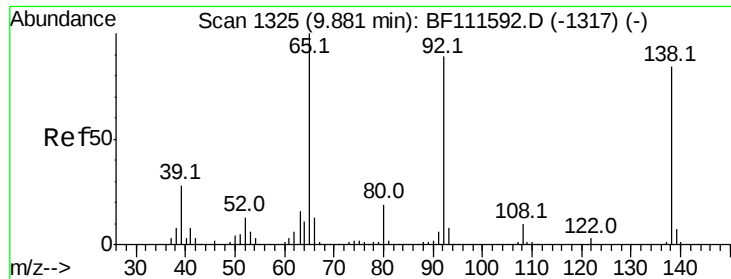
Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Tgt Ion:154	Resp:	725606
Ion Ratio	Lower	Upper
154 100		
153 113.6	87.8	131.8
152 53.9	43.4	65.2





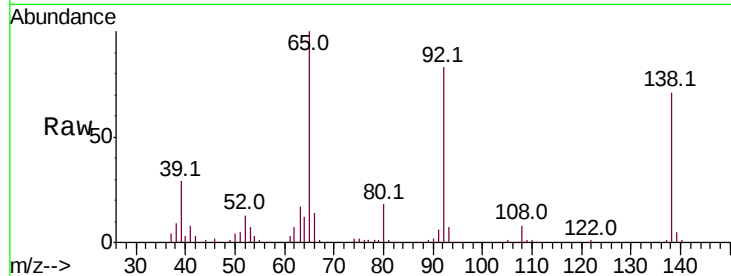
#53
3-Nitroaniline
Concen: 23.282 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.6	8.2	12.4	
92	116.8	93.4	140.2	

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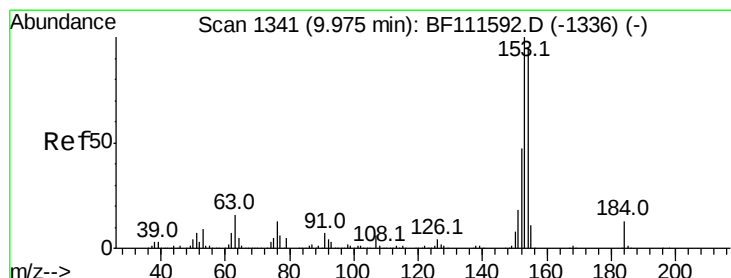
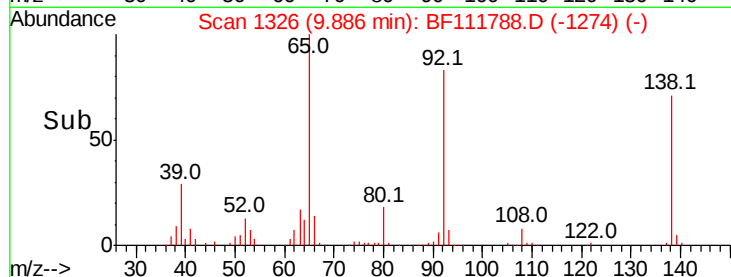
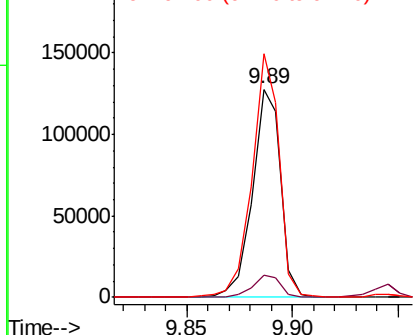


Abundance

Ion 138.00 (137.70 to 138.70): E

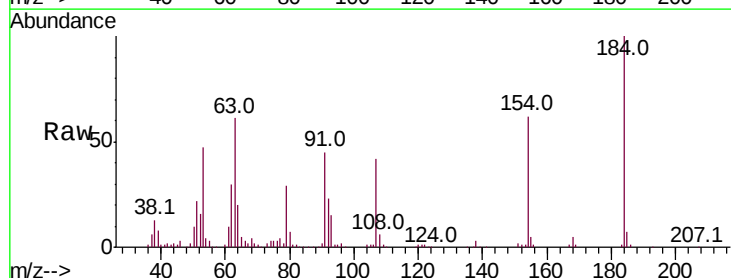
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 84.780 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	61.3	62.3	93.5#	
154	62.1	56.2	84.2	

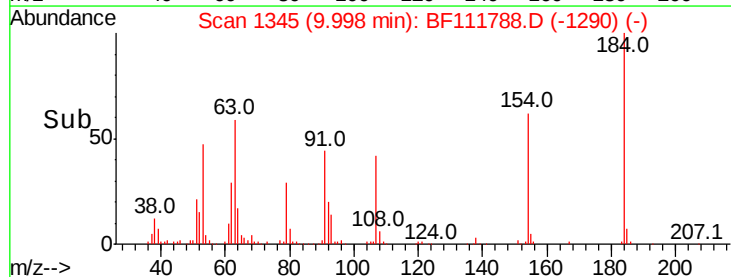
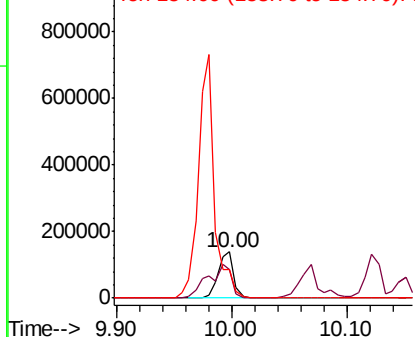


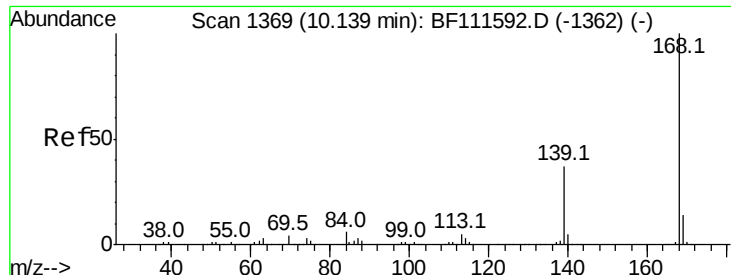
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





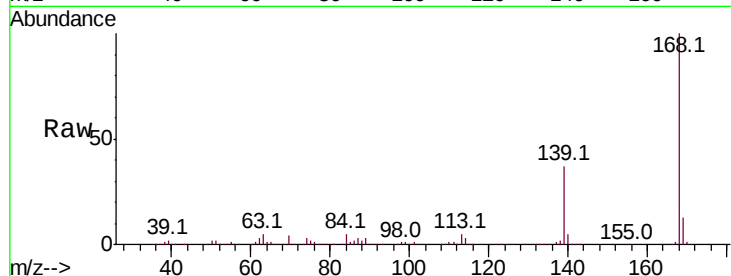
#55
Dibenzofuran
Concen: 33.892 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	32.6	49.0
169	13.4	11.8	17.6

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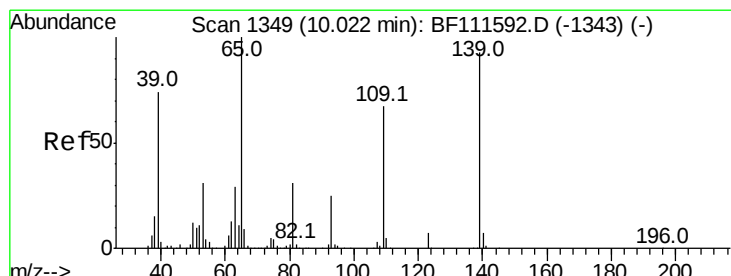
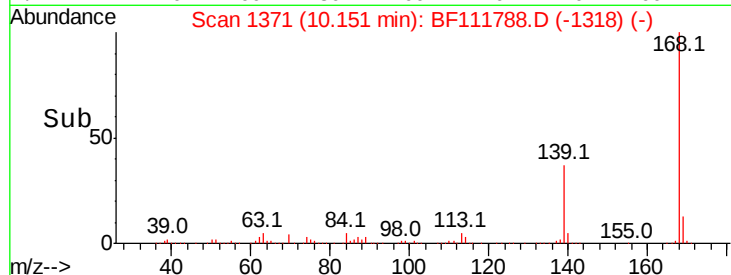
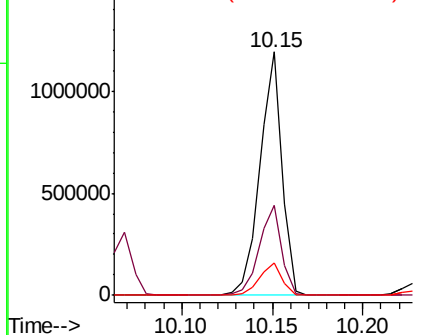


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 71.966 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.05 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

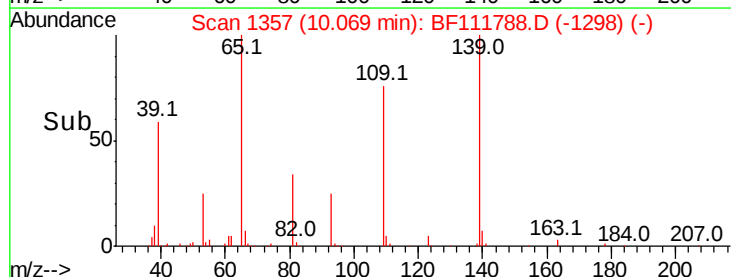
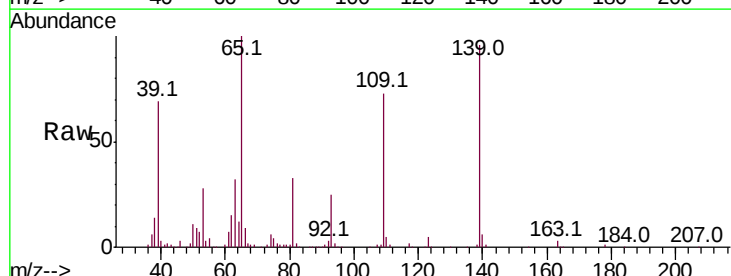
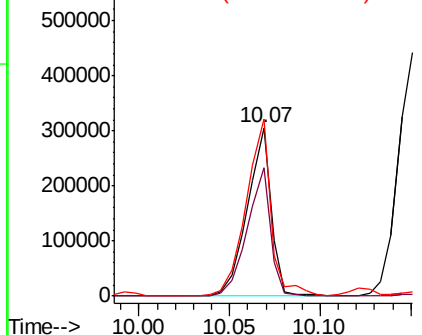
Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.3	41.8	81.8
65	104.7	79.6	119.6

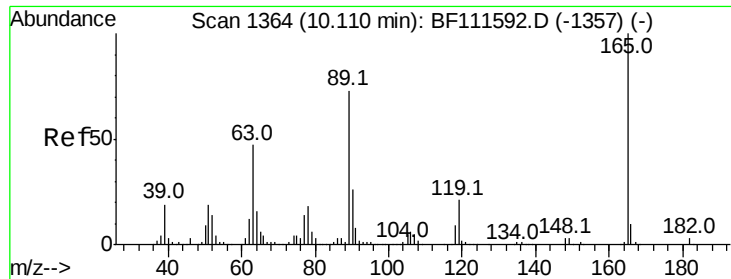
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





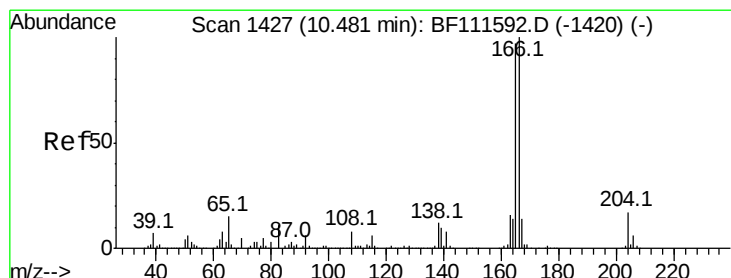
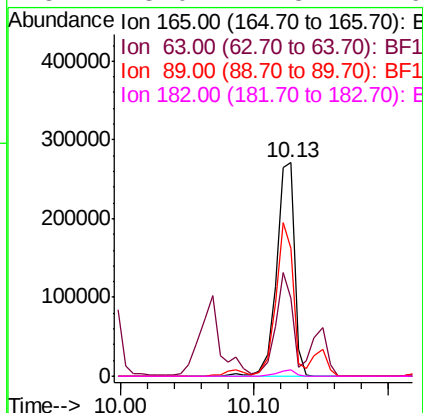
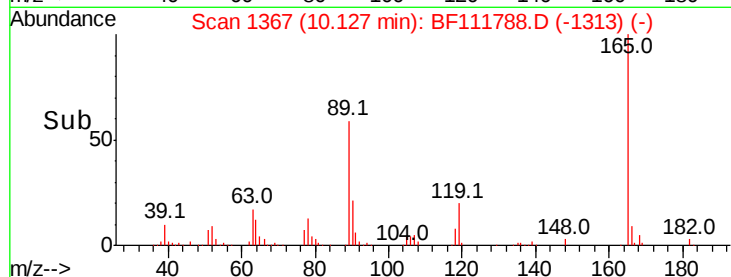
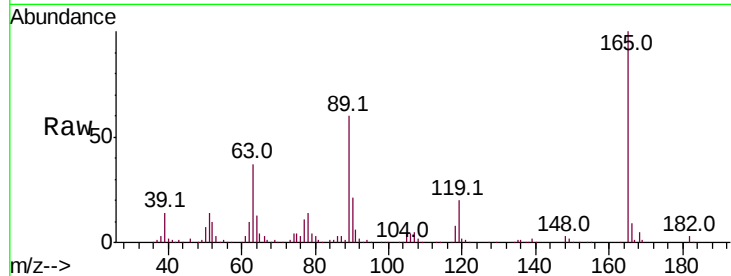
#57
2,4-Dinitrotoluene
Concen: 44.707 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.02 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	36.8	34.6	52.0
89	59.8	56.2	84.4
182	3.0	1.8	2.6

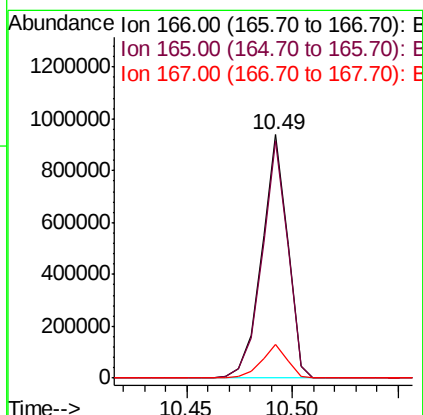
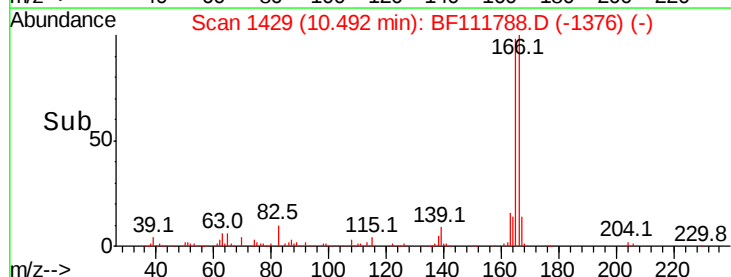
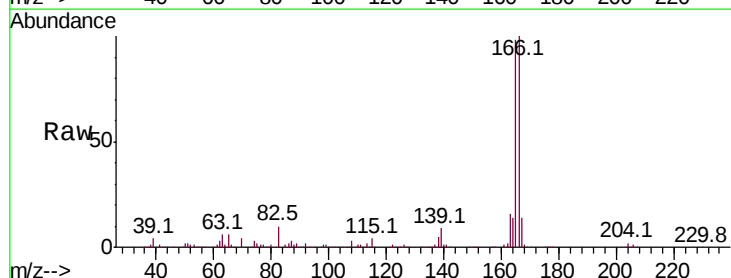
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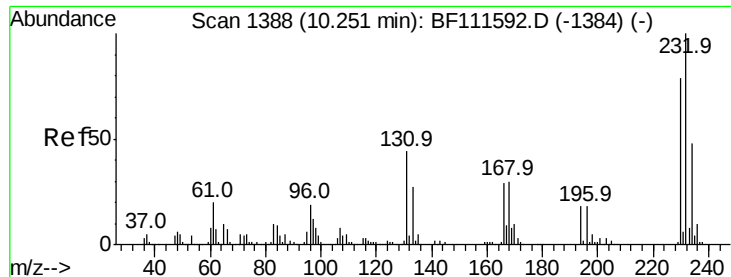
Sohil
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#58
Fluorene
Concen: 37.142 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.7	78.4	117.6
167	13.9	11.2	16.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 36.144 ng

RT: 10.27 min Scan# 1391

Delta R.T. 0.02 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

ClientSampleId :

TN-122618-CMS

Tot Ion:232 Resp: 224143

Ion Ratio Lower Upper

232 100

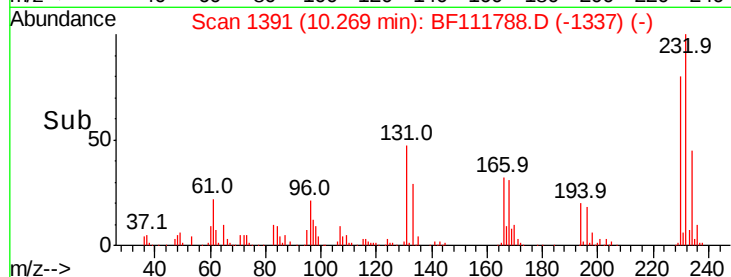
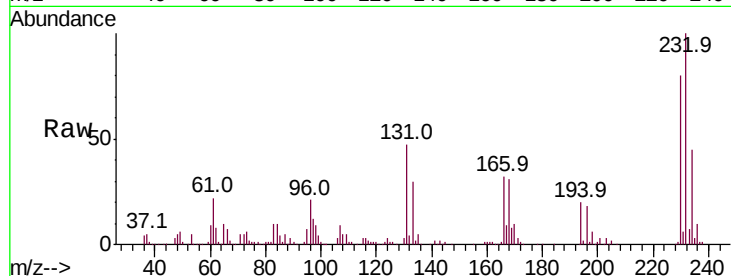
131 43.3 40.9 61.3

130 2.2 2.0 3.0

166 30.1 26.8 40.2

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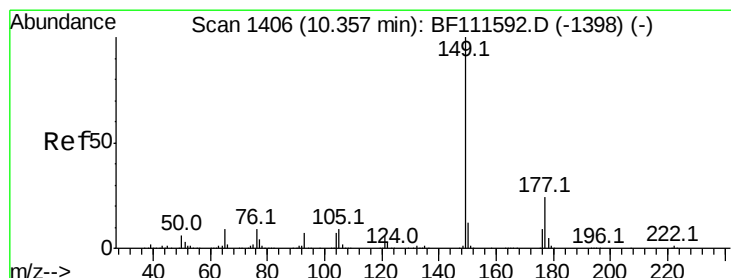
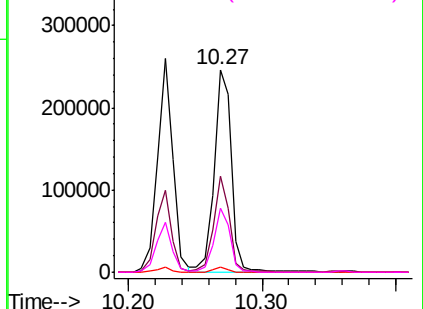


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 35.481 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

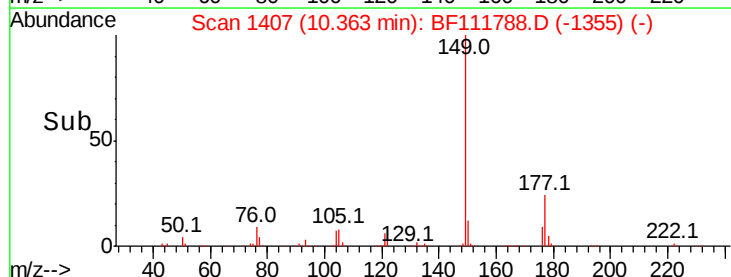
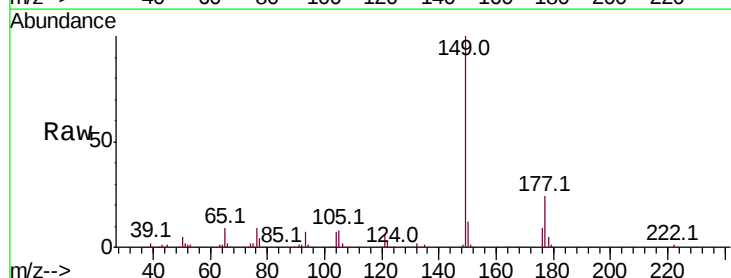
Tgt Ion:149 Resp: 833295

Ion Ratio Lower Upper

149 100

177 24.1 18.3 27.5

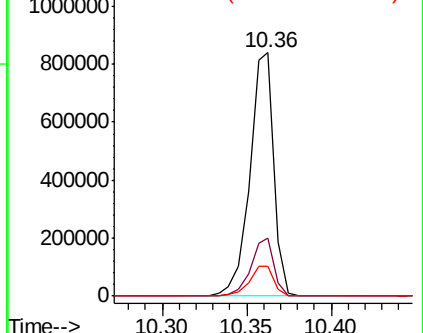
150 12.3 10.6 15.8

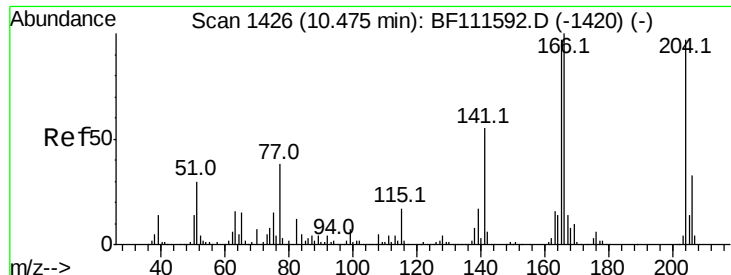


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





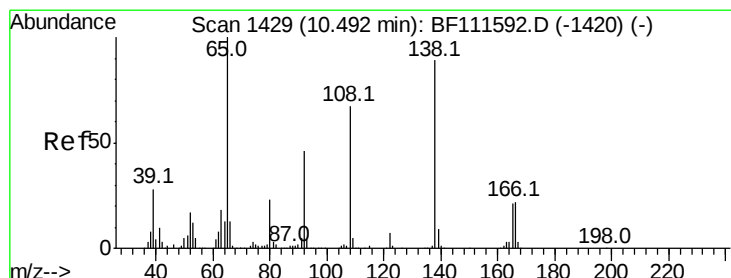
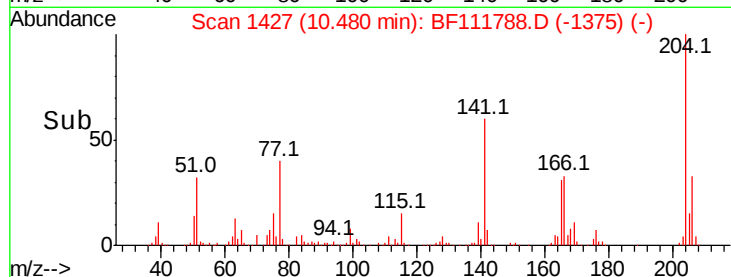
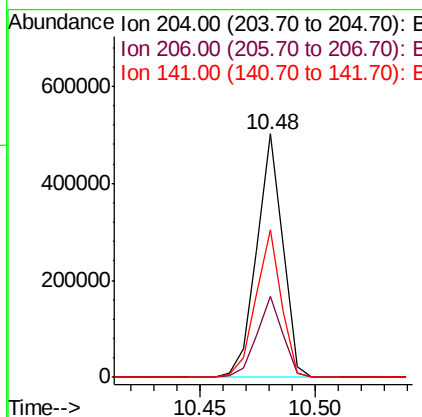
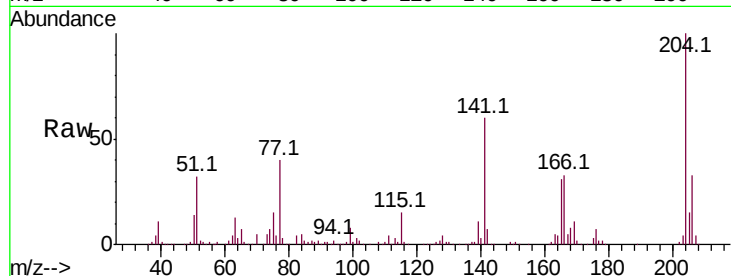
#61
 4-Chlorophenyl-phenylether
 Concen: 33.576 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 TN-122618-CMS

Tot Ion:	204	Resp:	398212
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.6	39.8
141	60.4	52.6	78.8

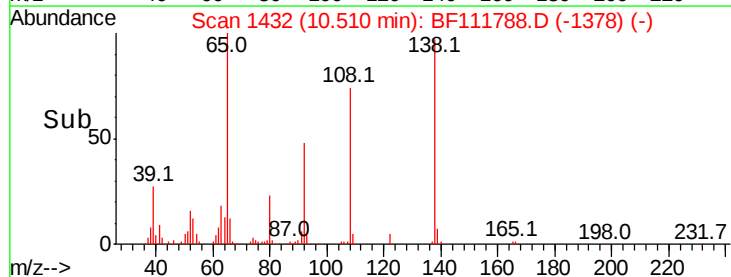
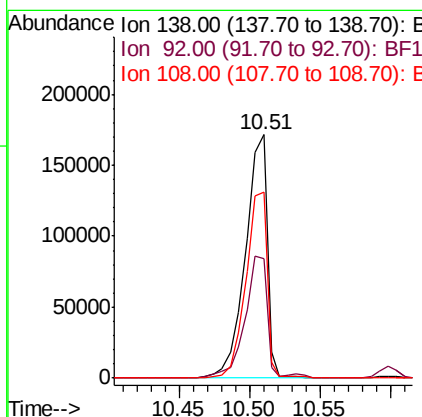
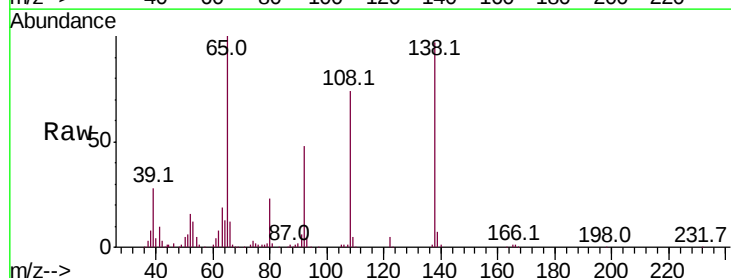
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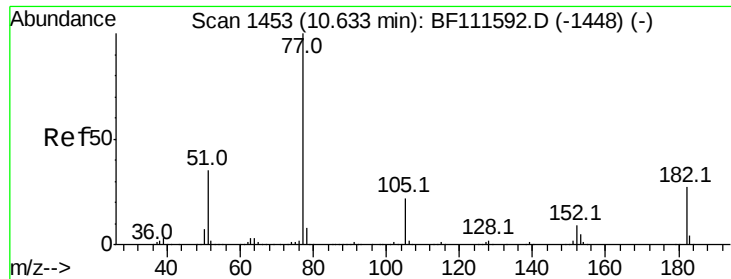
Sohil
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#62
 4-Nitroaniline
 Concen: 37.607 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.02 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Tgt Ion:	138	Resp:	186100
Ion Ratio	Lower	Upper	
138	100		
92	49.2	29.9	69.9
108	76.3	43.2	83.2





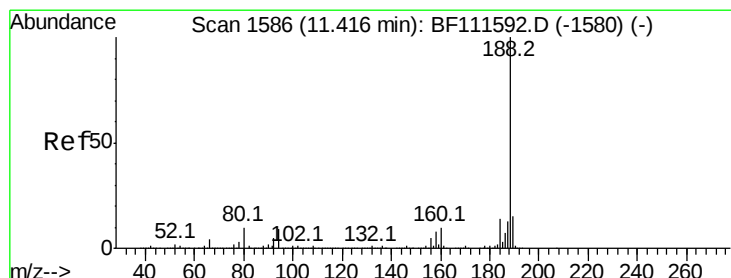
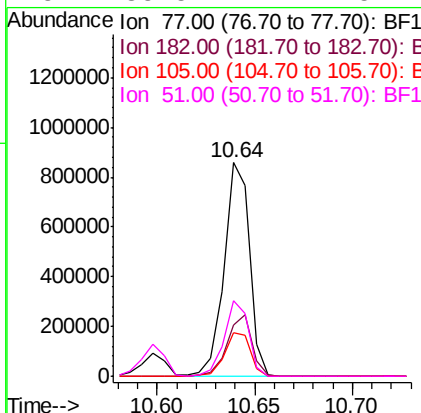
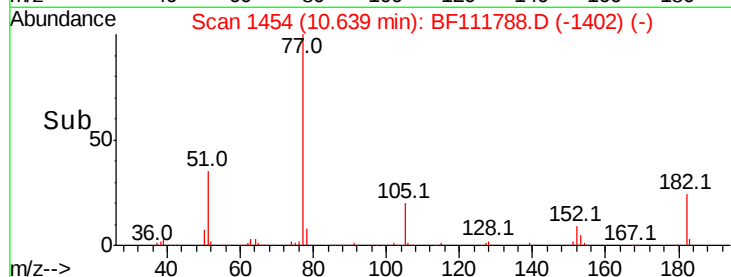
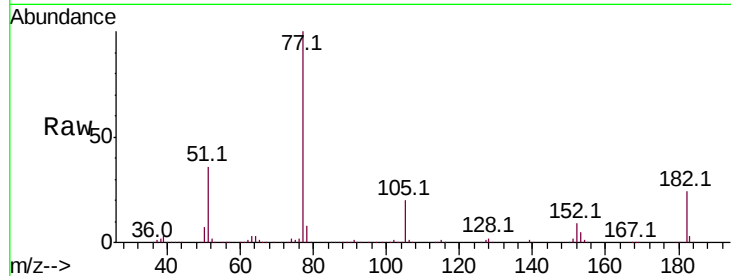
#63
Azobenzene
Concen: 32.588 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.9	44.9
105	20.3	6.0	46.0
51	35.5	14.7	54.7

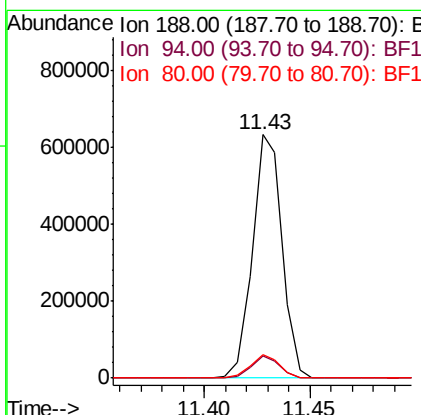
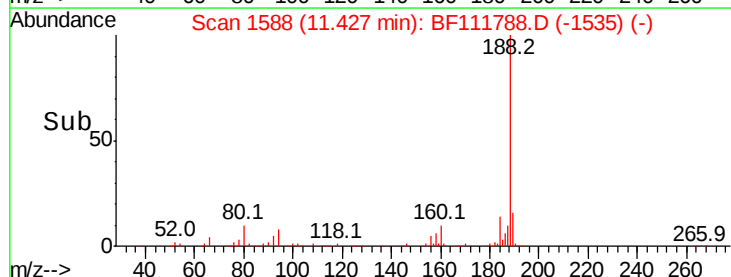
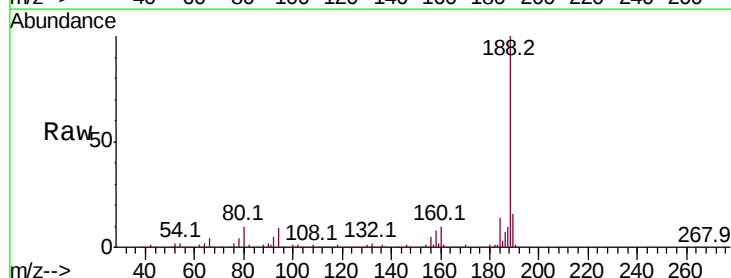
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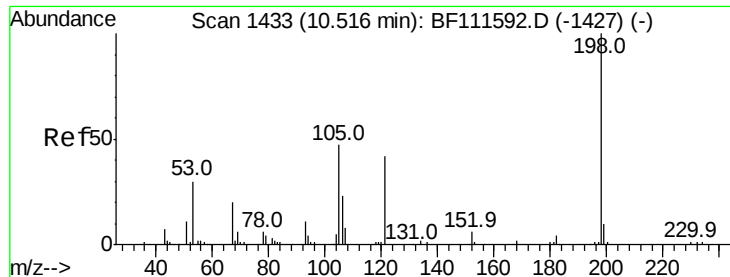
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.6	14.4#
80	9.8	9.8	14.6





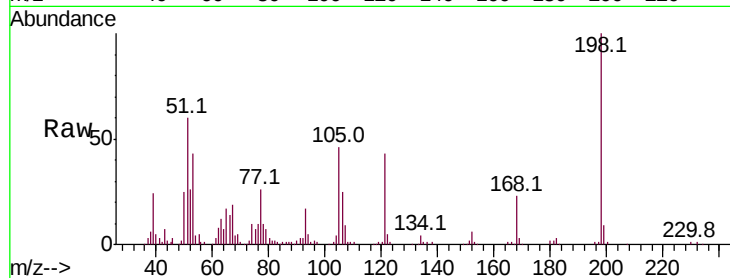
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.373 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.02 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	60.4	48.0	88.0
105	45.8	34.0	74.0

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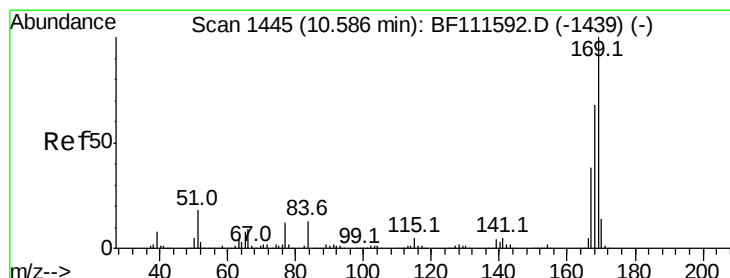
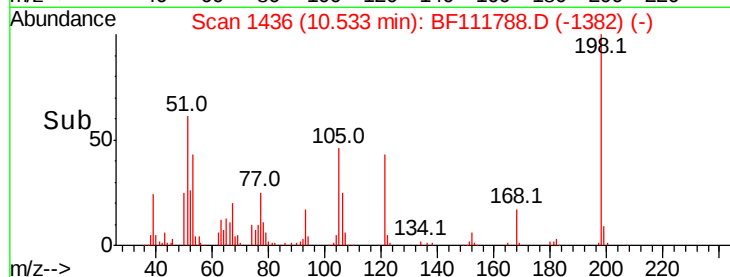
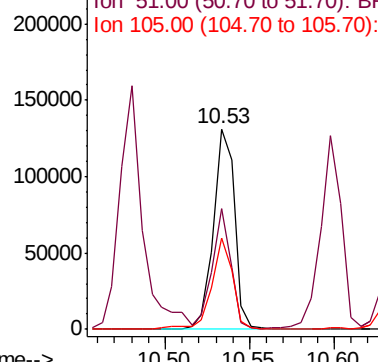


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 33.819 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.01 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

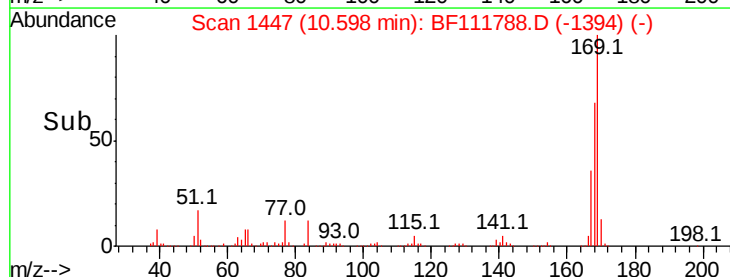
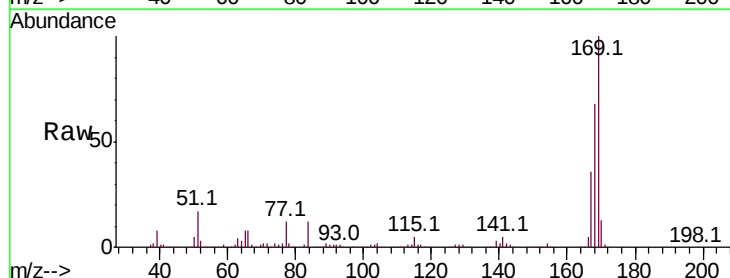
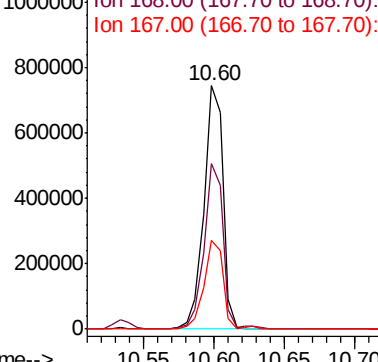
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.4	81.6
167	36.2	30.5	45.7

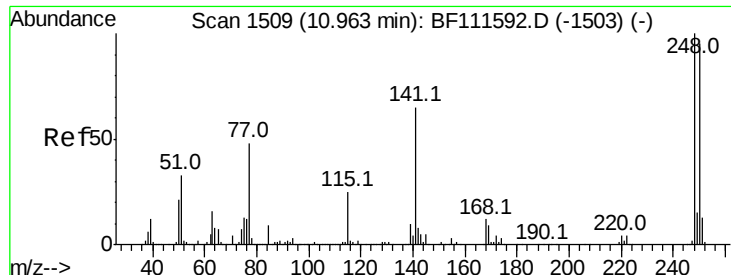
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





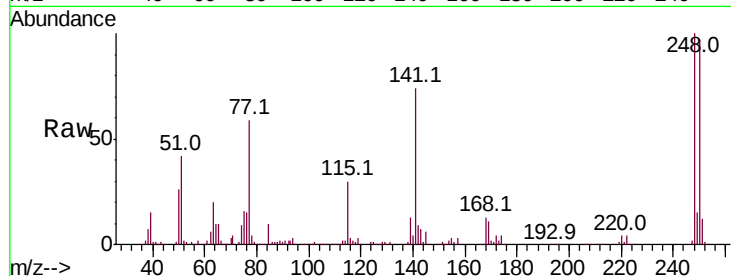
#67
4-Bromophenyl-phenylether
Concen: 33.278 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.0	115.4
141	73.9	63.0	94.6

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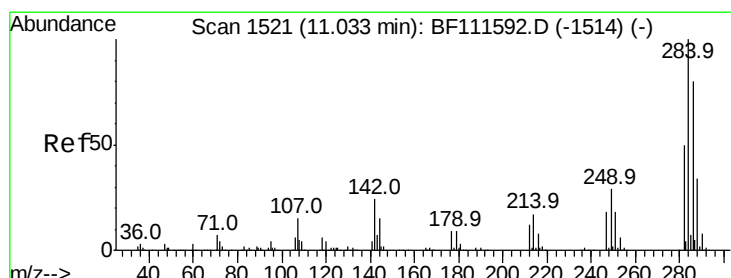
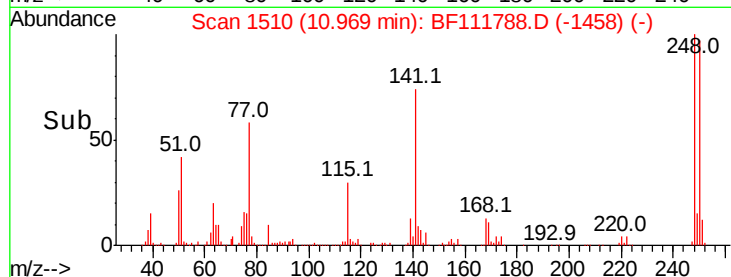
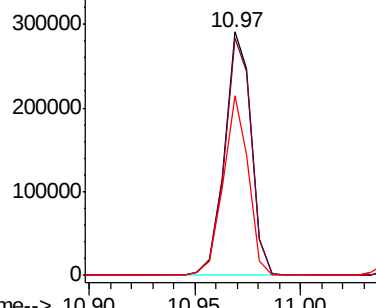


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.027 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

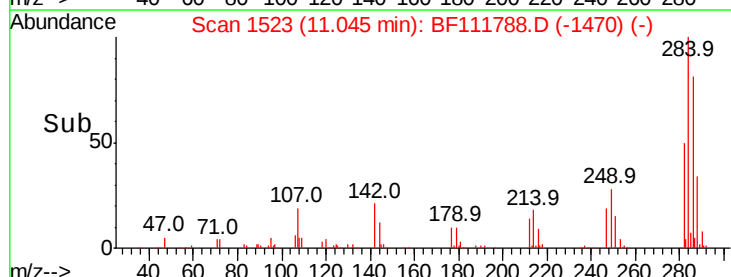
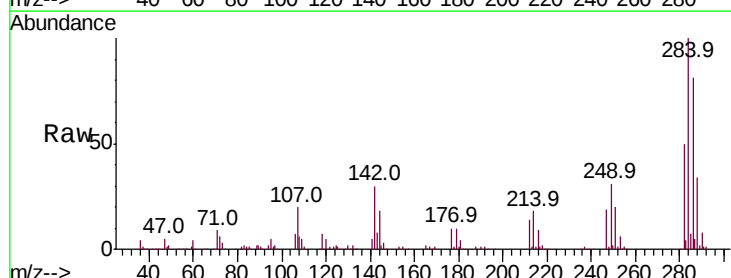
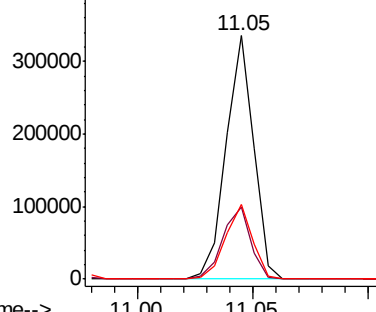
Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	27.4	41.2
249	30.7	24.4	36.6

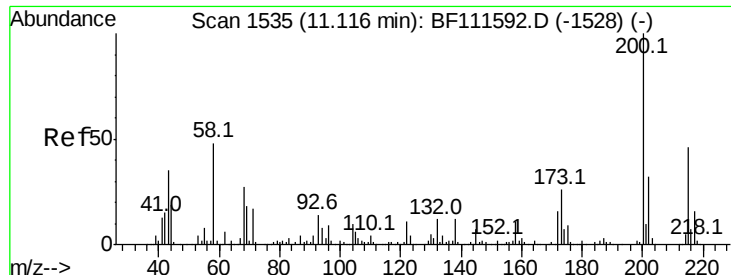
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





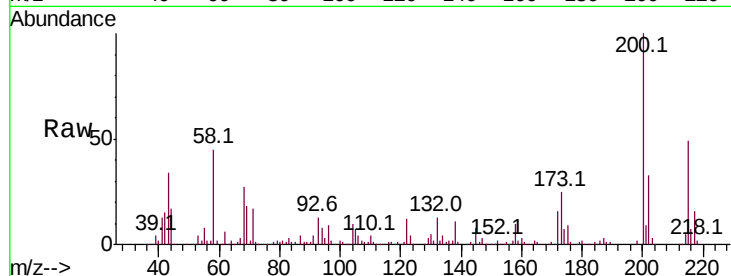
#69
Atrazine
Concen: 32.997 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.3	10.1	50.1
215	48.7	26.9	66.9

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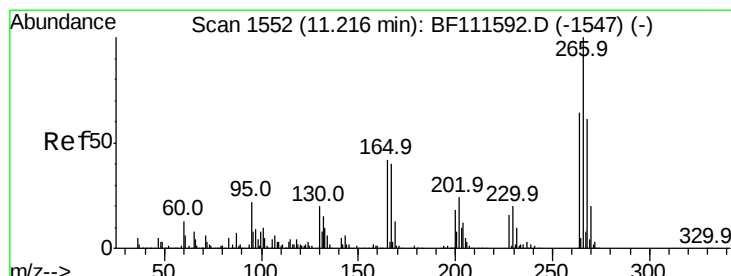
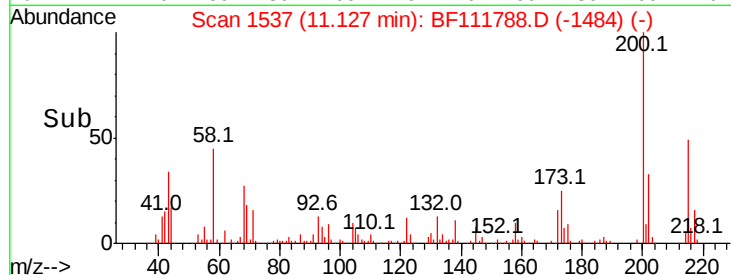
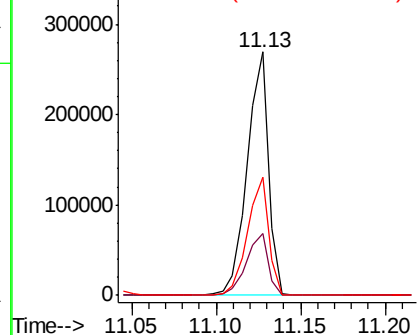


Abundance

Ion 200.00 (199.70 to 200.70): E

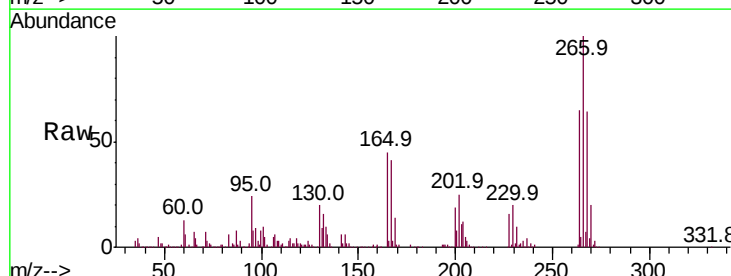
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 52.074 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	47.9	71.9
264	64.9	49.1	73.7

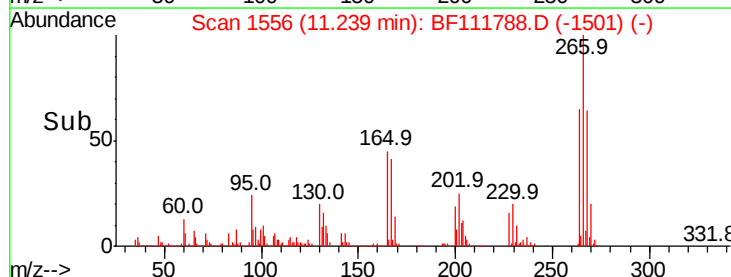
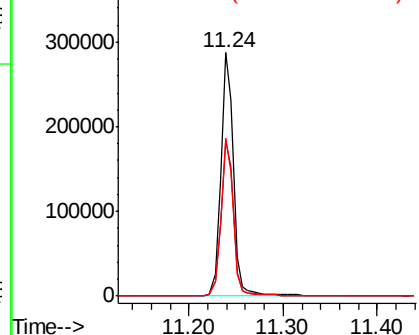


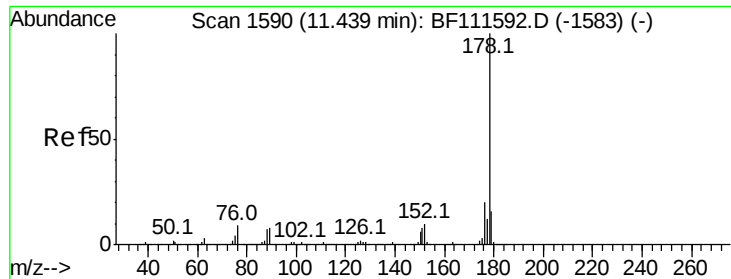
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.499 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.02 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

ClientSampleId :

TN-122618-CMS

Tot Ion:178 Resp: 1224656

Ion Ratio Lower Upper

178 100

176 19.9 18.1 27.1

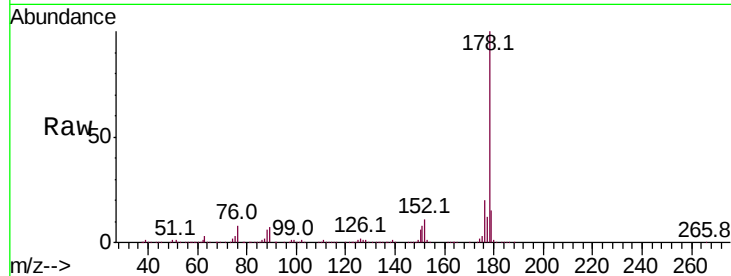
179 15.3 14.0 21.0

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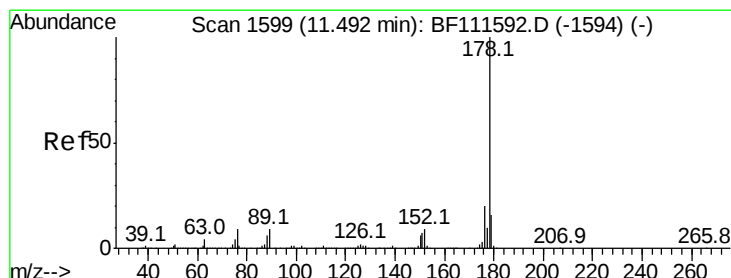
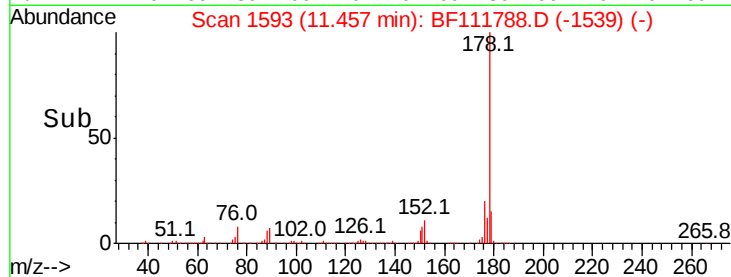
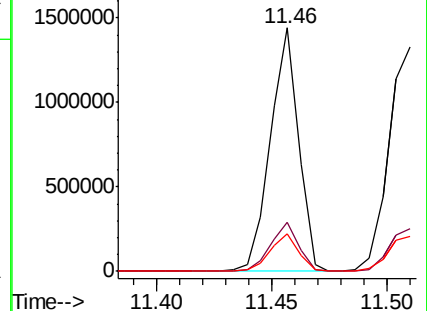
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 36.315 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.02 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Tgt Ion:178 Resp: 1190419

Ion Ratio Lower Upper

178 100

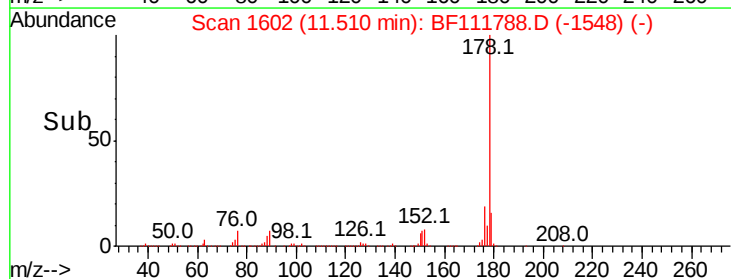
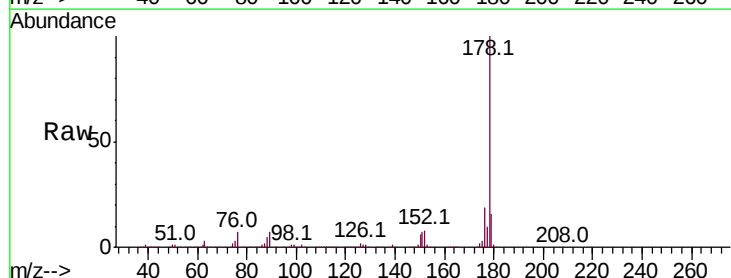
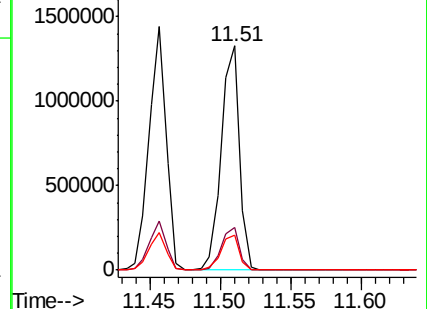
176 19.1 17.2 25.8

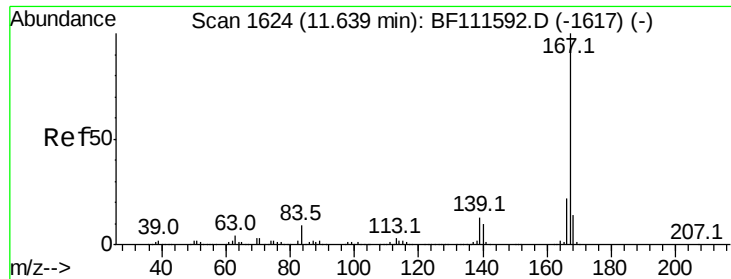
179 15.6 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





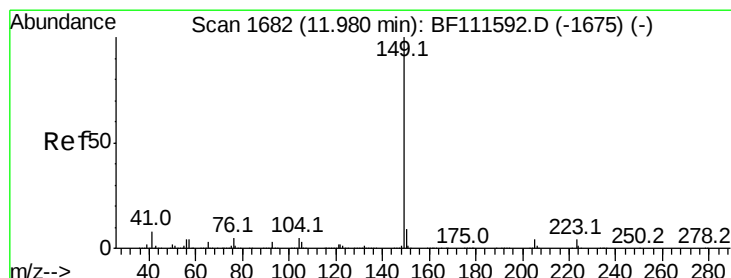
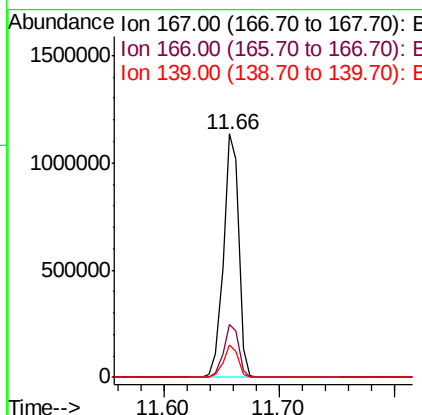
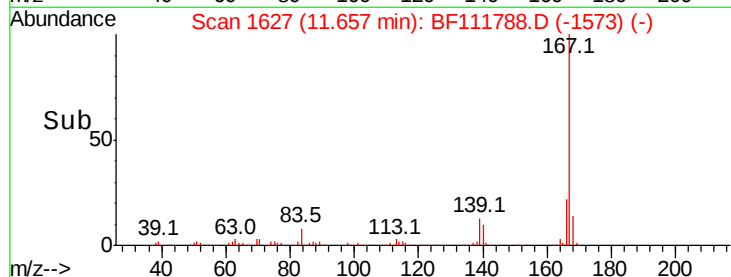
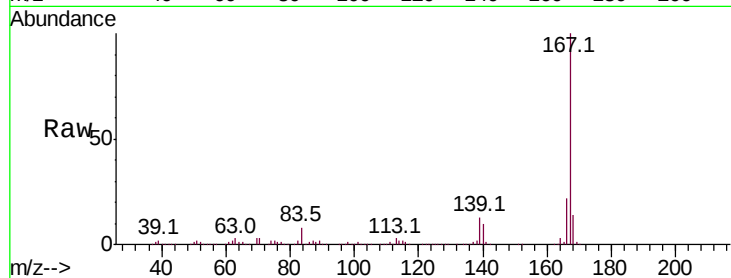
#73
 Carbazole
 Concen: 32.577 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :
 TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	19.3	28.9
139	13.1	11.9	17.9

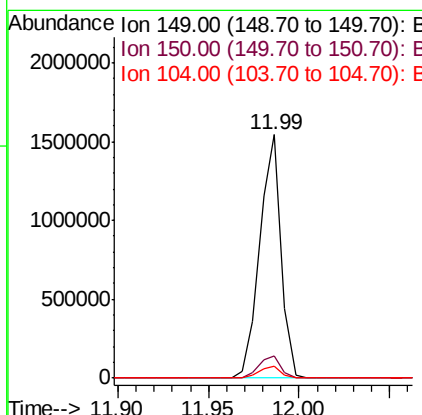
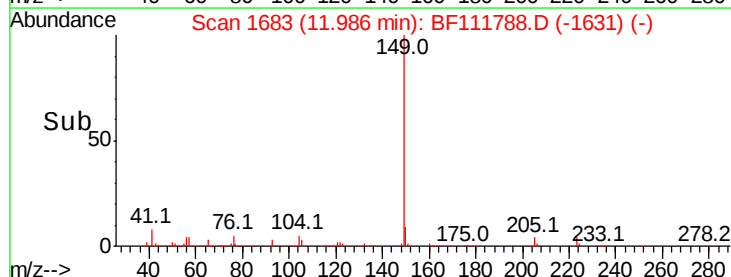
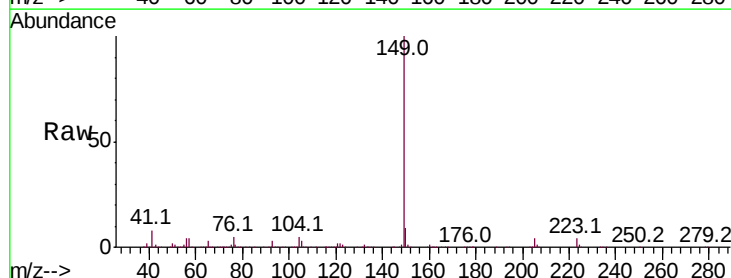
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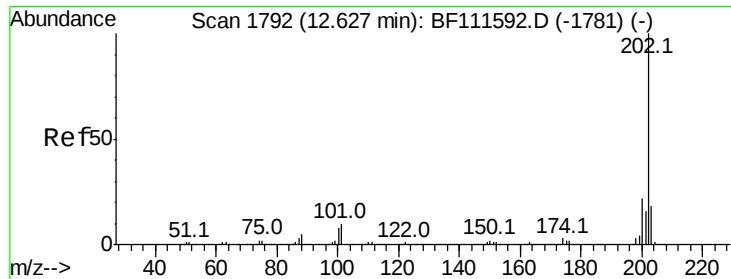
Sohil
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#74
 Di-n-butylphthalate
 Concen: 35.272 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111788.D
 Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.8	13.2
104	4.8	4.5	6.7





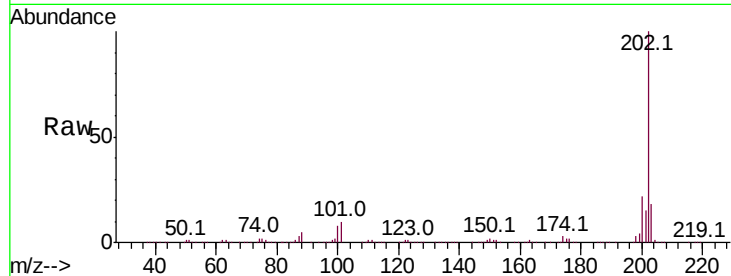
#75
Fluoranthene
Concen: 36.855 ng
RT: 12.64 min Scan# 1795
Delta R.T. 0.02 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1218830		
101	10.4	0.0	33.8	
203	17.8	0.0	38.6	

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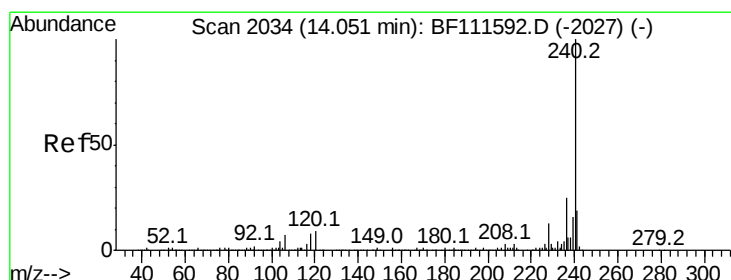
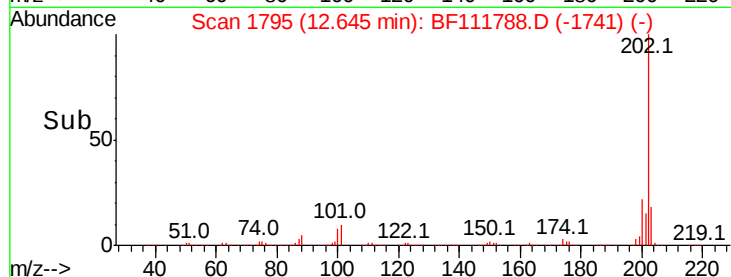
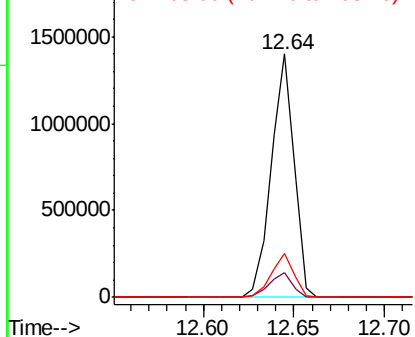


Abundance

Ion 202.00 (201.70 to 202.70): E

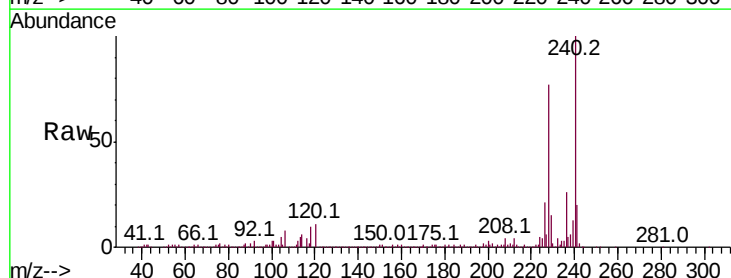
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	404187		
120	11.0	12.2	18.2#	
236	25.6	20.2	30.2	

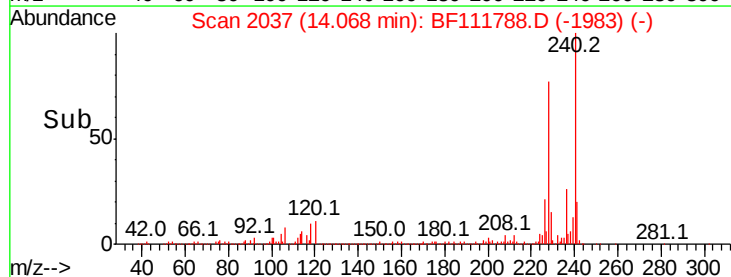
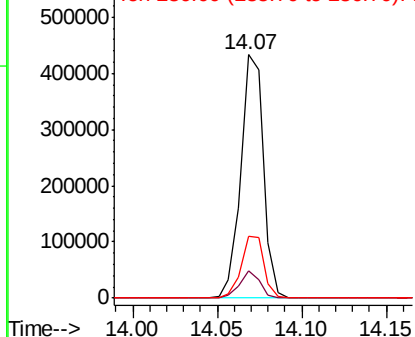


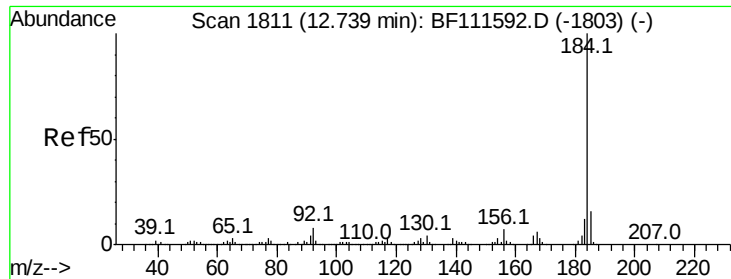
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





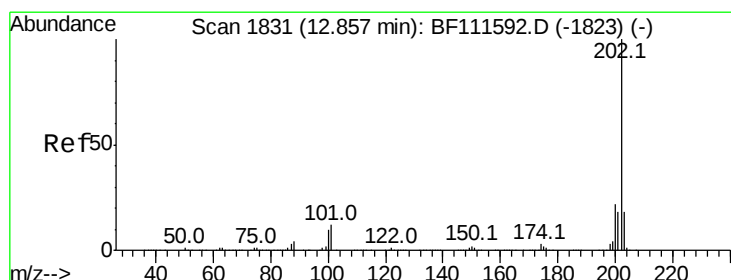
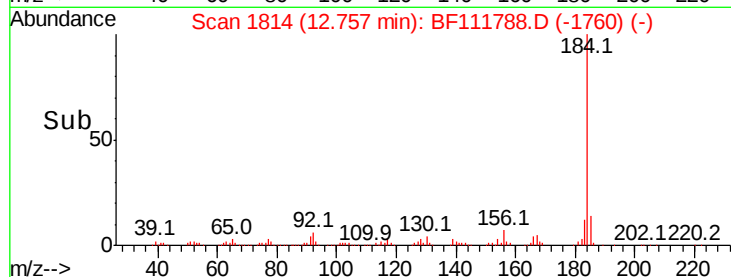
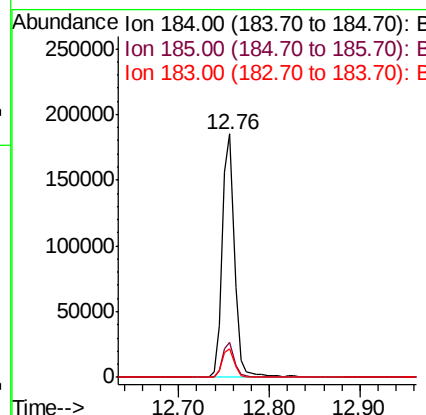
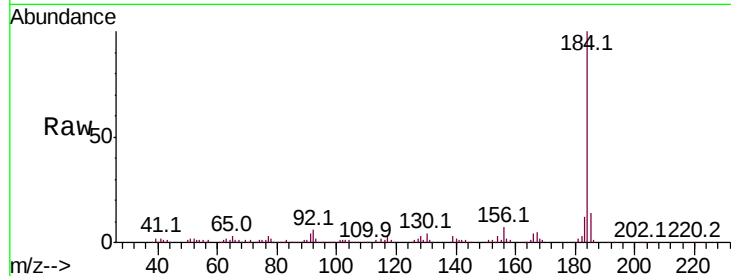
#77
Benzidine
Concen: 11.347 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.02 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.0	19.6
183	11.6	9.3	13.9

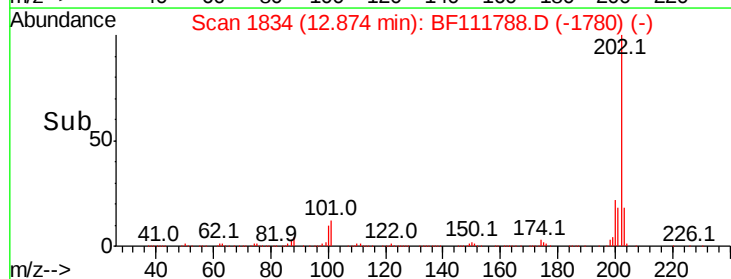
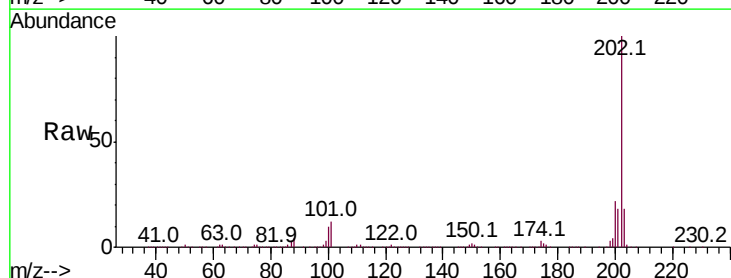
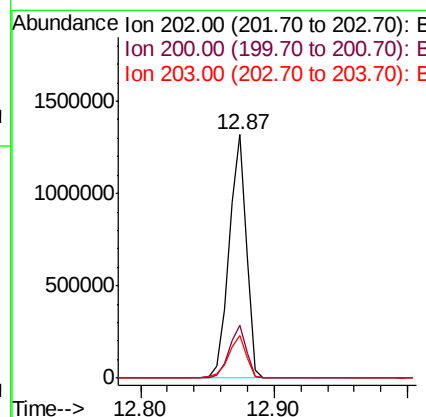
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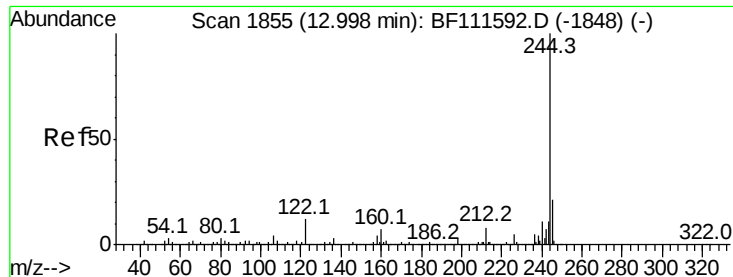
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#78
Pyrene
Concen: 42.204 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.02 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	19.0	28.4
203	17.6	15.2	22.8





#79

Terphenyl-d14

Concen: 81.458 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

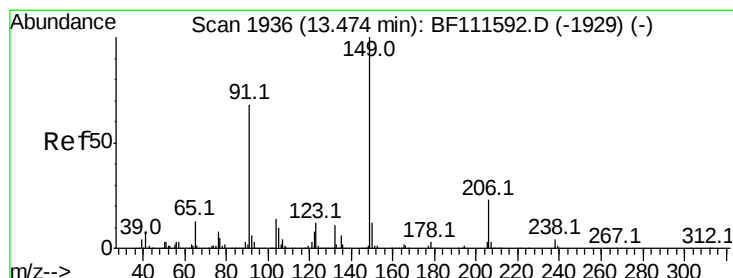
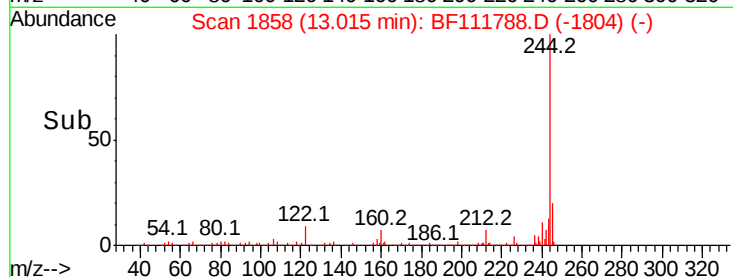
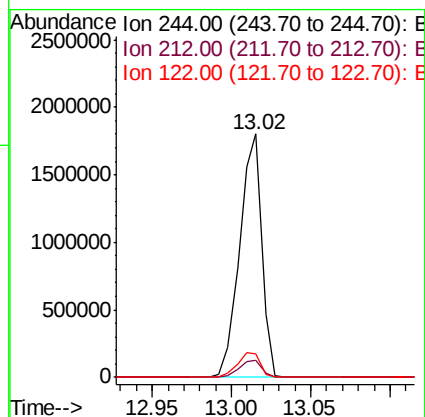
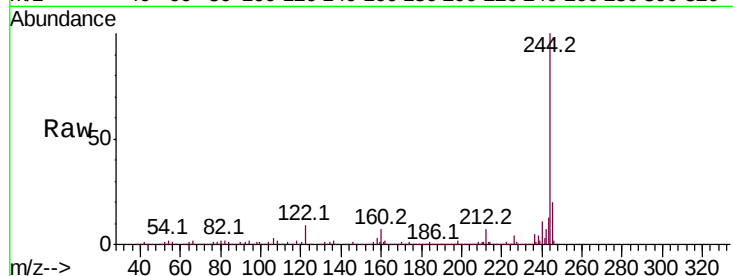
ClientSampleId :

TN-122618-CMS

Tot Ion:	244	Resp:	1736129
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.7	8.5
122	9.5	13.1	19.7

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 39.839 ng

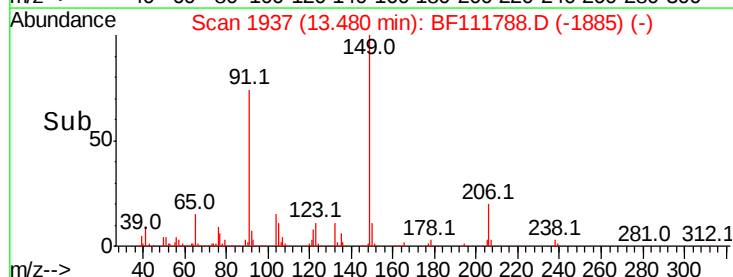
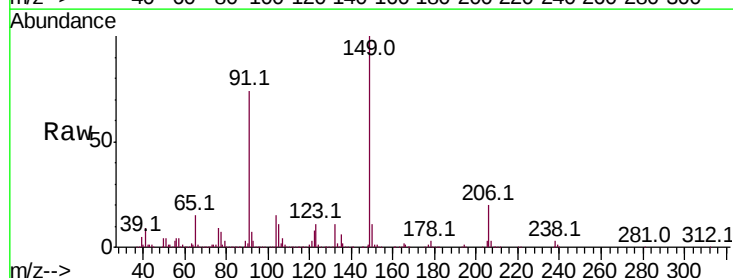
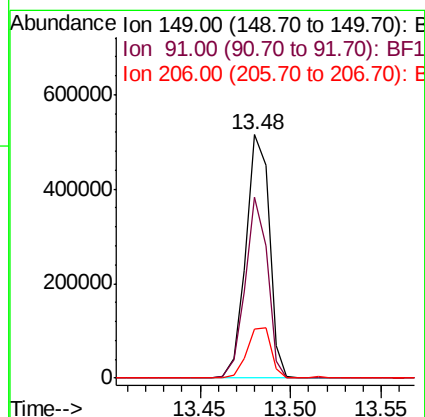
RT: 13.48 min Scan# 1937

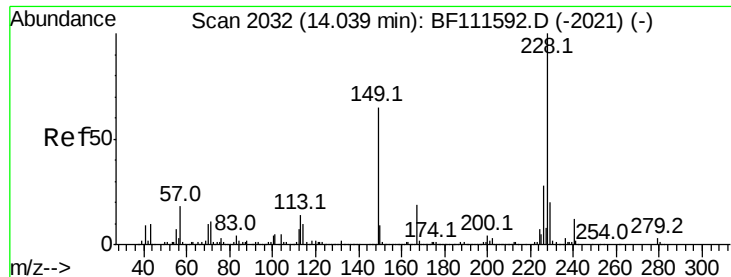
Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Tgt Ion:	149	Resp:	463521
Ion Ratio	Lower	Upper	
149	100		
91	74.1	63.8	95.6
206	20.4	15.1	22.7





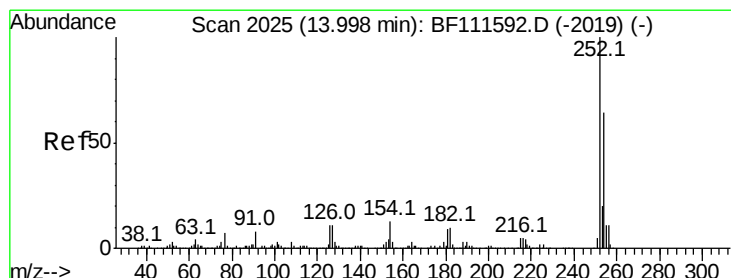
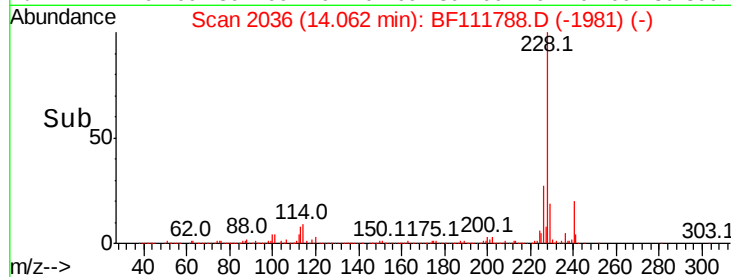
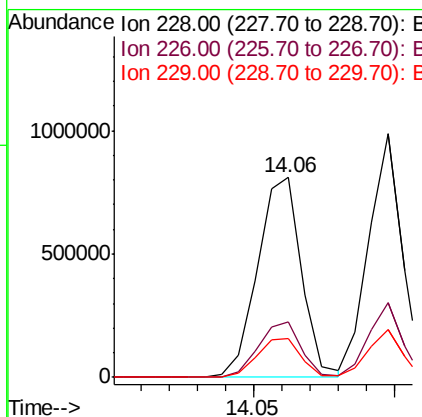
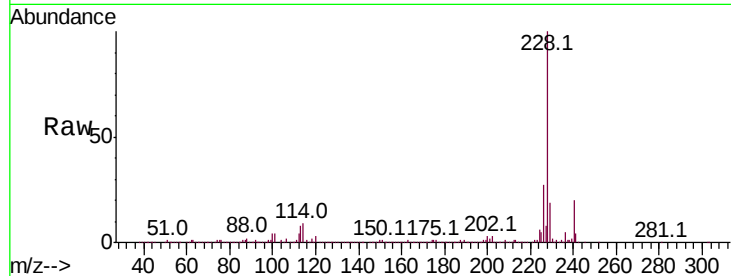
#81
Benzo(a)anthracene
Concen: 37.840 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.02 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	34.0
229	19.3	16.3	24.5

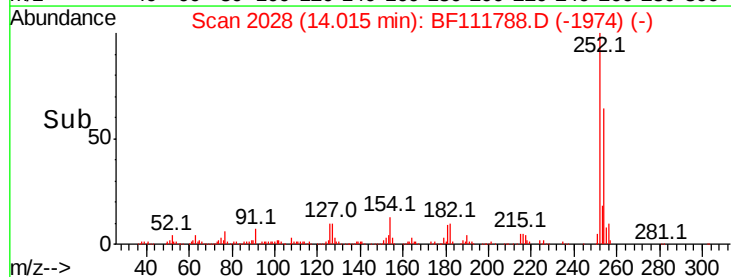
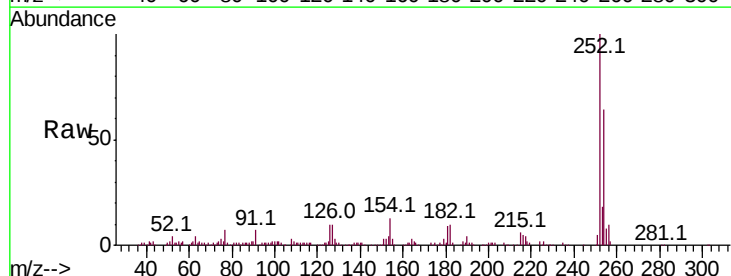
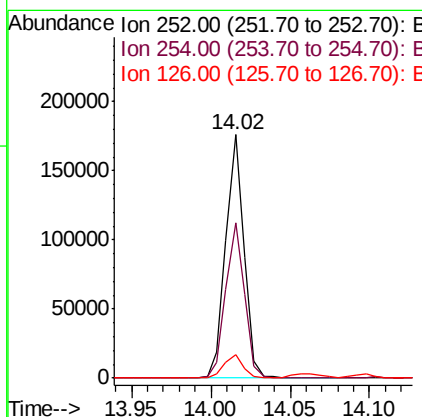
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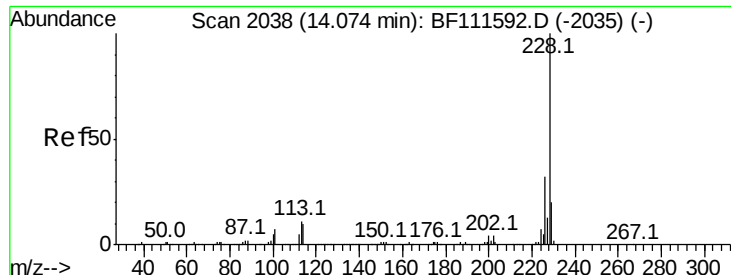
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#82
3,3'-Dichlorobenzidine
Concen: 15.489 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.7	79.1
126	9.8	11.1	16.7





#83

Chrysene

Concen: 35.373 ng

RT: 14.10 min Scan# 2042

Delta R.T. 0.02 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

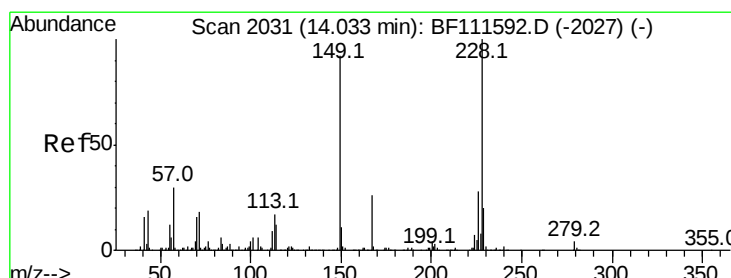
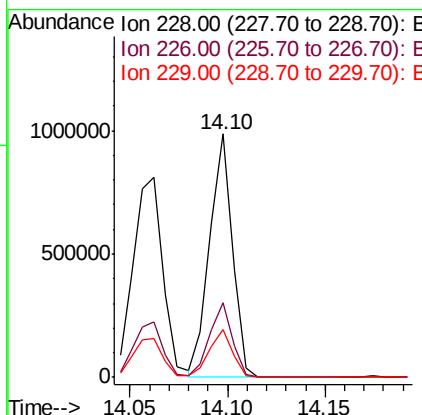
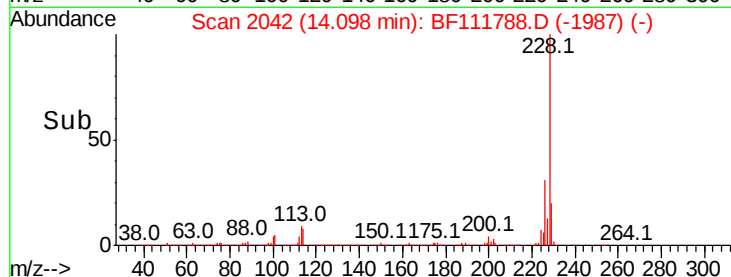
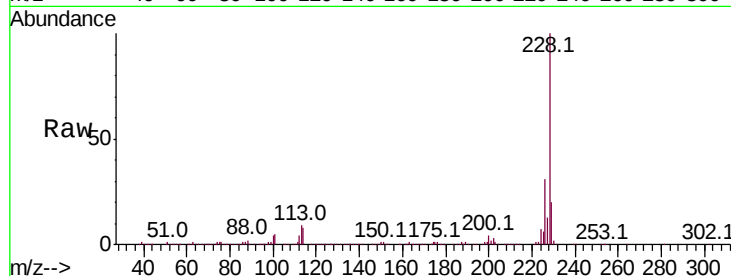
ClientSampleId :

TN-122618-CMS

Tot Ion:	228	Resp:	801947
Ion Ratio	Lower	Upper	
228	100		
226	30.9	25.3	37.9
229	19.6	17.2	25.8

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#84

Bis(2-ethylhexyl)phthalate

Concen: 41.419 ng

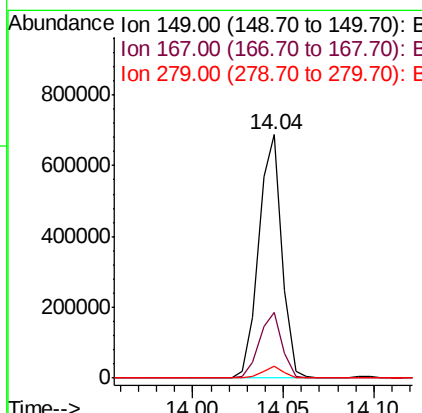
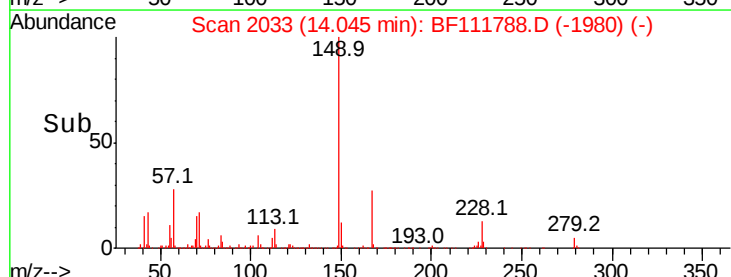
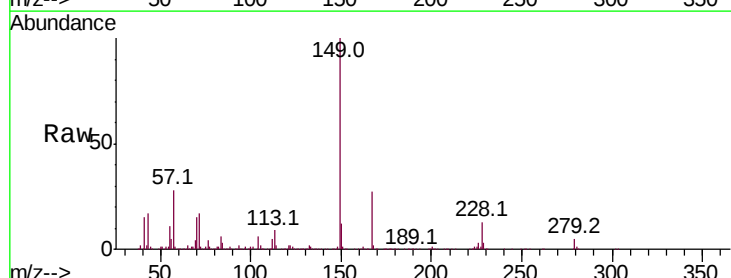
RT: 14.04 min Scan# 2033

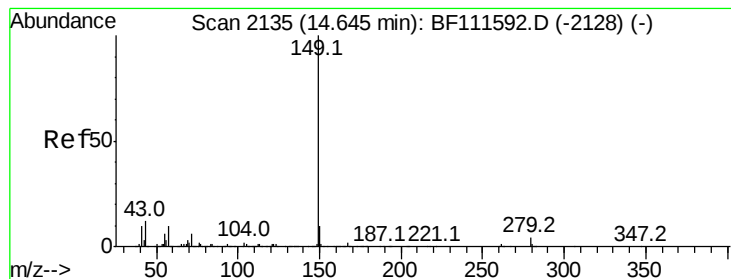
Delta R.T. 0.01 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Tgt Ion:	149	Resp:	607012
Ion Ratio	Lower	Upper	
149	100		
167	27.2	22.5	33.7
279	4.7	2.6	4.0#





#85

Di-n-octyl phthalate

Concen: 39.392 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.02 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

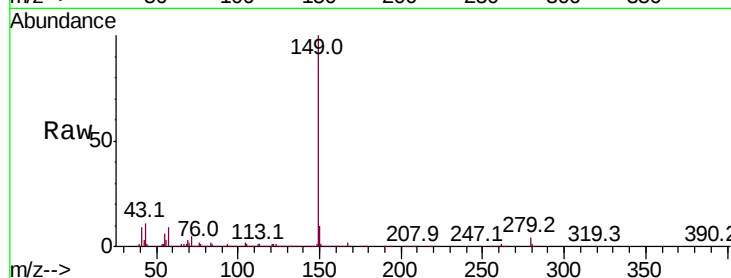
ClientSampleId :

TN-122618-CMS

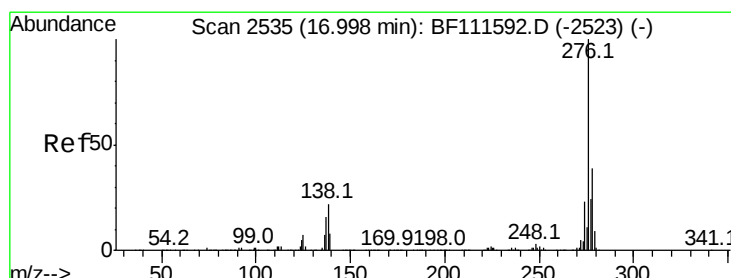
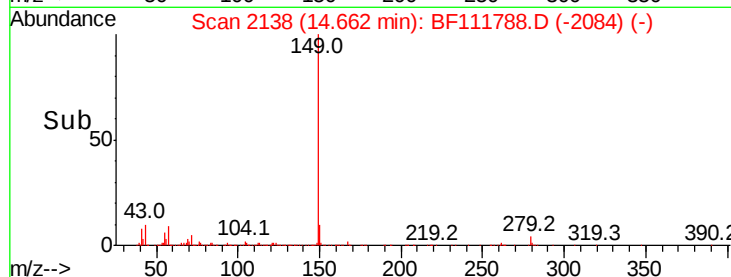
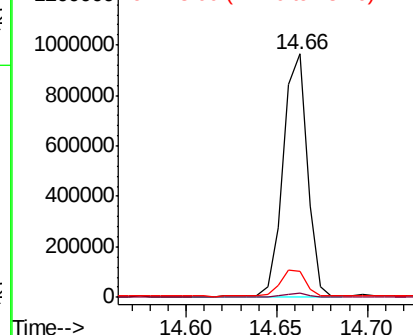
Tot Ion:	149	Resp:	894437
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.6	10.9	16.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.989 ng

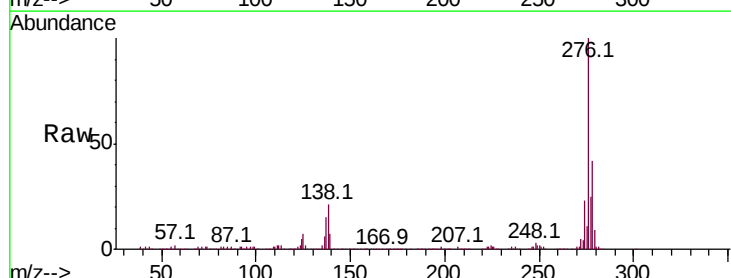
RT: 17.07 min Scan# 2547

Delta R.T. 0.07 min

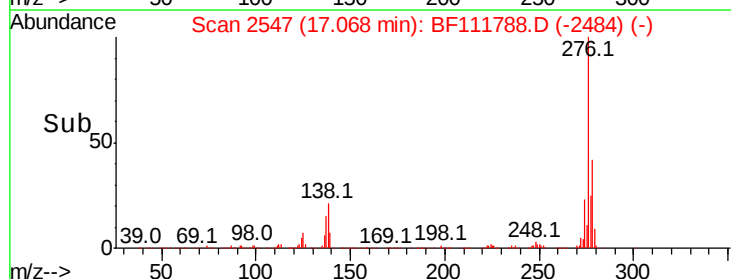
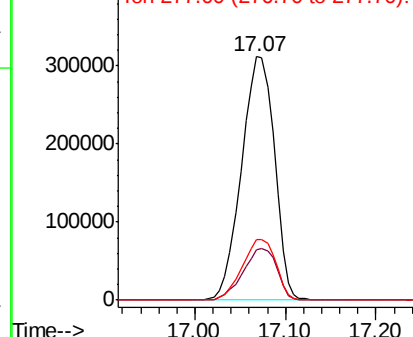
Lab File: BF111788.D

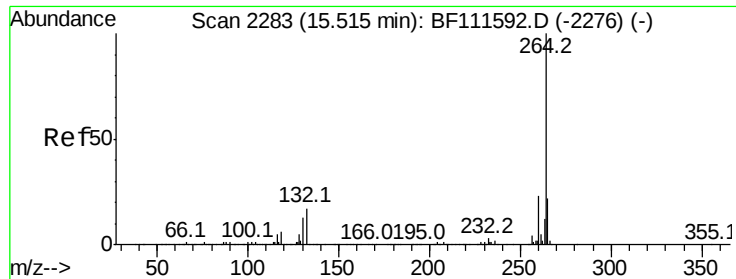
Acq: 28 Dec 2018 15:03

Tgt Ion:	276	Resp:	789977
Ion Ratio	Lower	Upper	
276	100		
138	22.0	27.8	41.6#
277	25.3	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. 0.05 min

Lab File: BF111788.D

Acq: 28 Dec 2018 15:03

Instrument :

BNA_F

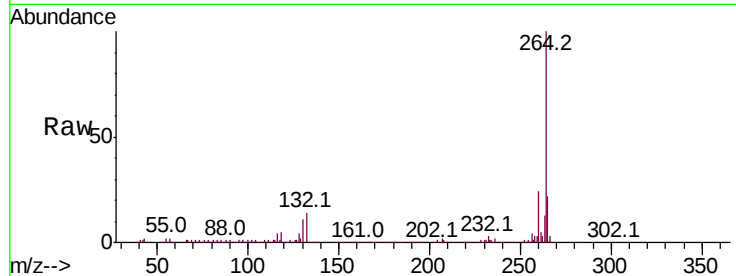
ClientSampleId :

TN-122618-CMS

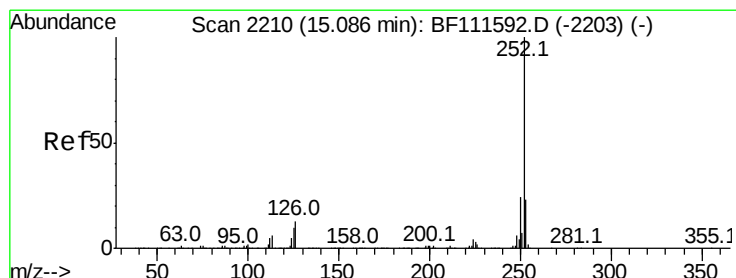
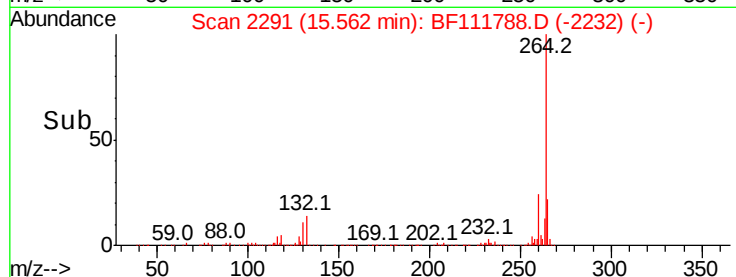
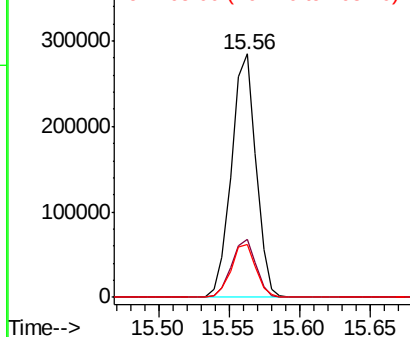
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.9	17.7	26.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.326 ng

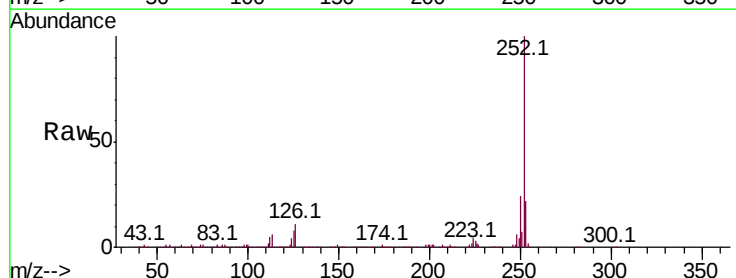
RT: 15.13 min Scan# 2217

Delta R.T. 0.04 min

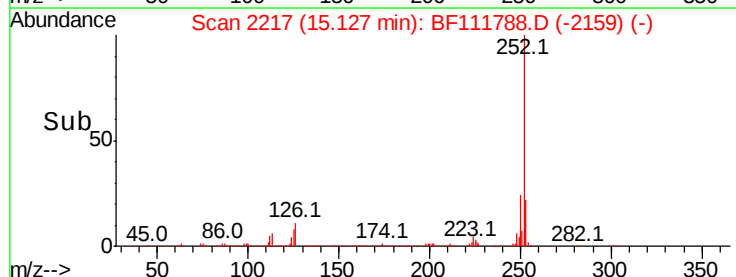
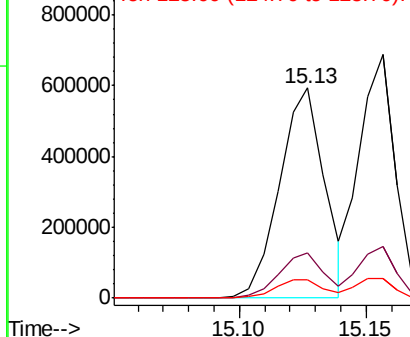
Lab File: BF111788.D

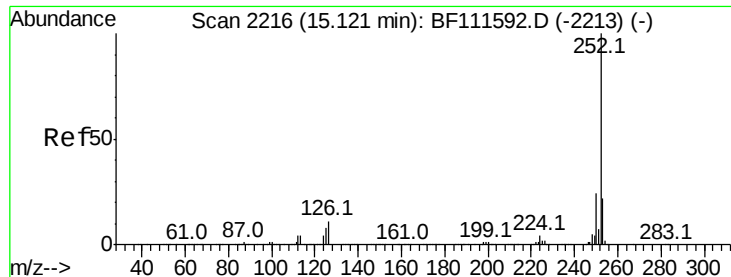
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	8.5	10.4	15.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





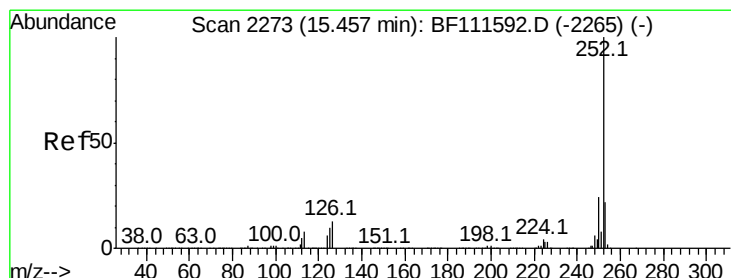
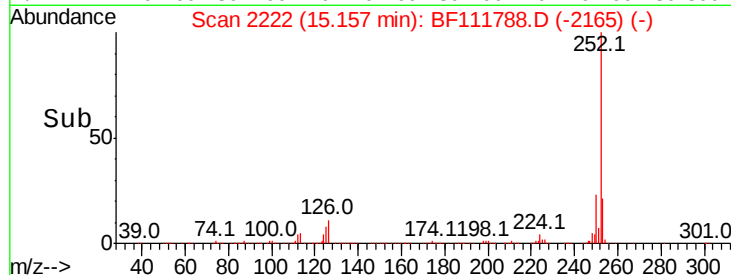
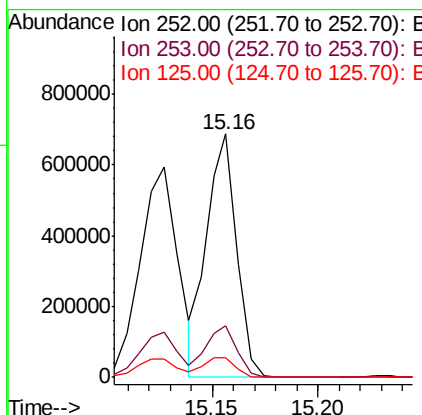
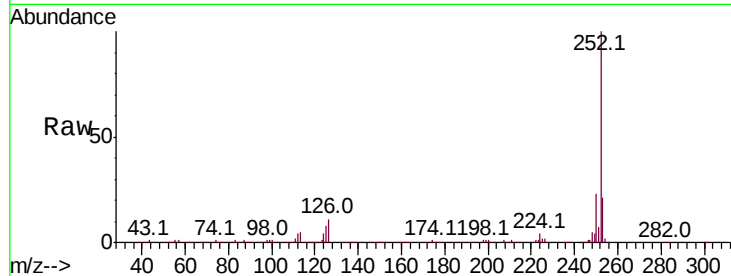
#89
Benzo(k)fluoranthene
Concen: 35.246 ng
RT: 15.16 min Scan# 2222
Delta R.T. 0.04 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	8.2	9.8	14.8

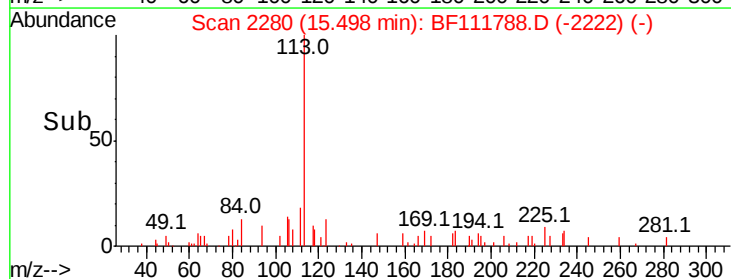
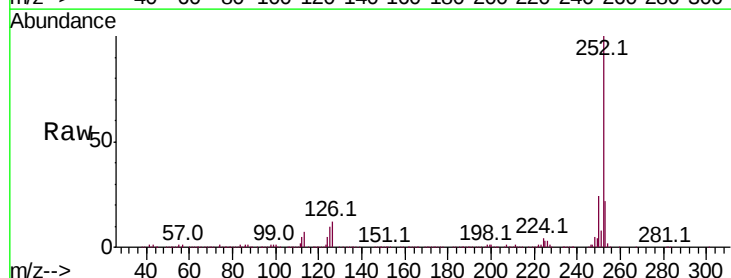
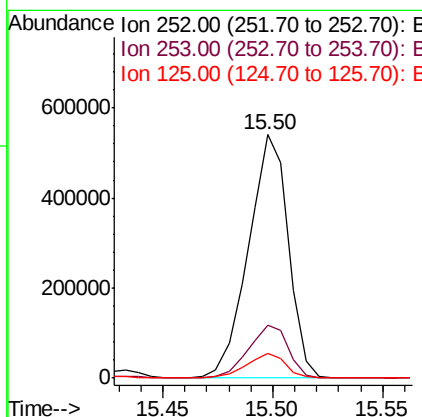
Manual Integrations
APPROVED

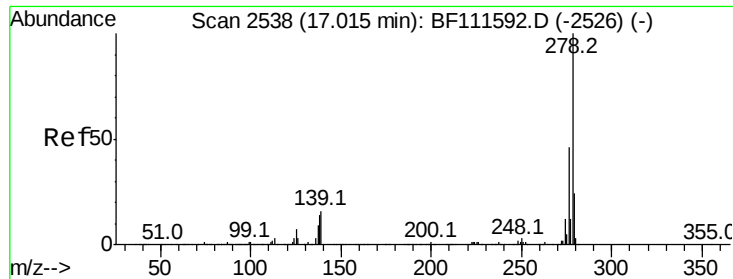
Sohil
1/2/2019 2:51:30 PM



#90
Benzo(a)pyrene
Concen: 37.235 ng m
RT: 15.50 min Scan# 2280
Delta R.T. 0.04 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.3	12.3	18.5





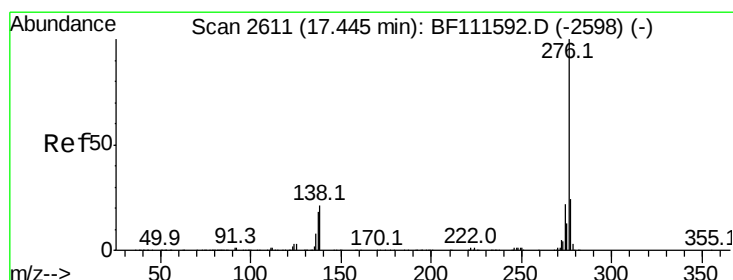
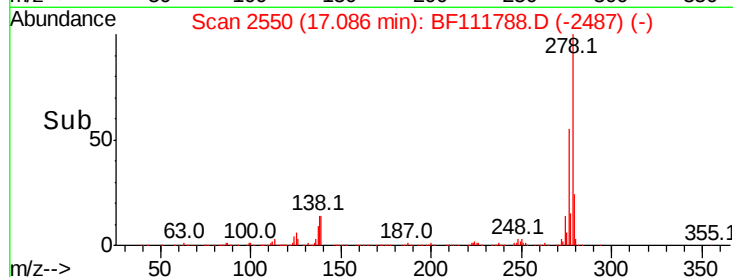
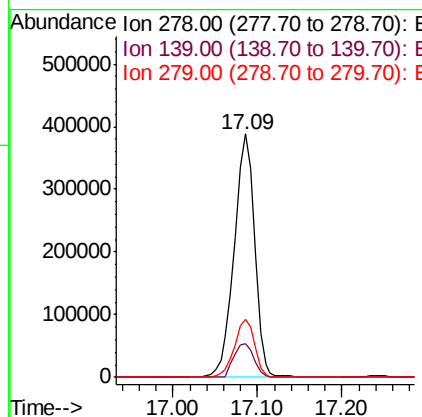
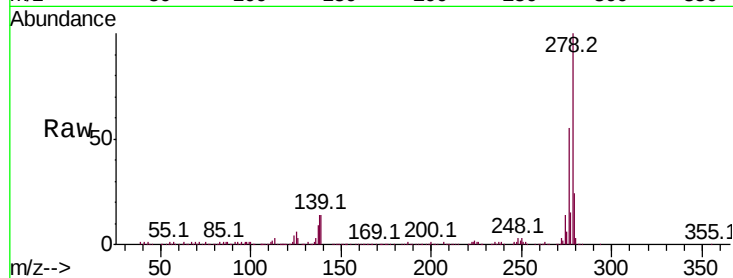
#91
Dibenzo(a,h)anthracene
Concen: 40.048 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.07 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Instrument :
BNA_F
ClientSampleId :
TN-122618-CMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	18.2	27.4#
279	23.7	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/2/2019 2:51:30 PM



#92
Benzo(g,h,i)perylene
Concen: 41.982 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.08 min
Lab File: BF111788.D
Acq: 28 Dec 2018 15:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	19.2	24.9	37.3#

