

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111704.D
 Acq On : 21 Dec 2018 22:59
 Operator : JU/SJ
 Sample : PB115917BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:11:00 PM

Quant Time: Dec 22 00:52:00 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	146665	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	502965	20.00	ng	0.00
39) Acenaphthene-d10	9.95	164	217228	20.00	ng	0.01
64) Phenanthrene-d10	11.43	188	380363	20.00	ng	0.01
76) Chrysene-d12	14.07	240	261098	20.00	ng	0.02
87) Perylene-d12	15.54	264	207480	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1183073	137.50	ng	0.03
7) Phenol-d6	6.55	99	1453276	132.71	ng	0.02
23) Nitrobenzene-d5	7.46	82	918453	106.29	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	368799	143.69	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1598021	107.23	ng	0.00
79) Terphenyl-d14	13.01	244	1554218	112.89	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.75	88	134449	33.211	ng	96
3) Pyridine	3.52	79	402302	38.144	ng	97
4) n-Nitrosodimethylamine	3.45	42	250251	48.483	ng	86
6) Aniline	6.56	93	329679	23.619	ng	# 1
8) 2-Chlorophenol	6.70	128	428258	44.931	ng	96
9) Benzaldehyde	6.45	77	330920	43.940	ng	96
10) Phenol	6.56	94	505788	40.936	ng	86
11) bis(2-Chloroethyl)ether	6.64	93	406131	43.865	ng	99
12) 1,3-Dichlorobenzene	6.85	146	481545	43.594	ng	98
13) 1,4-Dichlorobenzene	6.92	146	492846	43.994	ng	96
14) 1,2-Dichlorobenzene	7.07	146	458418	43.860	ng	97
15) Benzyl Alcohol	7.05	79	348343	40.054	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	680316	39.897	ng	99
17) 2-Methylphenol	7.16	107	333833	43.740	ng	93
18) Hexachloroethane	7.42	117	100949	26.741	ng	91
19) n-Nitroso-di-n-propylamine	7.32	70	300904	41.376	ng	97
20) 3+4-Methylphenols	7.31	107	409006	42.412	ng	# 80
22) Acetophenone	7.31	105	572543	44.933	ng	# 95
24) Nitrobenzene	7.48	77	448114	49.480	ng	98
25) Isophorone	7.72	82	778108	50.724	ng	98
26) 2-Nitrophenol	7.80	139	196699	53.553	ng	# 93
27) 2,4-Dimethylphenol	7.84	122	346994	47.924	ng	94
28) bis(2-Chloroethoxy)methane	7.93	93	486336	47.643	ng	97
29) 2,4-Dichlorophenol	8.05	162	340899	43.774	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	388785	44.799	ng	98
31) Naphthalene	8.21	128	1156770	47.866	ng	97
32) Benzoic acid	7.95	122	196936	41.137	ng	91
33) 4-Chloroaniline	8.25	127	117960	11.293	ng	98
34) Hexachlorobutadiene	8.33	225	236277	44.672	ng	97
35) Caprolactam	8.62	113	103089	39.065	ng	93
36) 4-Chloro-3-methylphenol	8.74	107	317355	41.455	ng	98
37) 2-Methylnaphthalene	8.90	142	748194	47.586	ng	98
38) 1-Methylnaphthalene	9.00	142	704640	46.663	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	359025	50.297	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	21428	6.186	nq	98
43) 2,4,6-Trichlorophenol	9.18	196	230704	48.409	nq	99
44) 2,4,5-Trichlorophenol	9.22	196	230433	47.131	nq	92
46) 1,1'-Biphenyl	9.36	154	901448	49.159	nq	95
47) 2-Chloronaphthalene	9.39	162	683525	47.047	nq	95
48) 2-Nitroaniline	9.48	65	217894	57.650	nq	95
49) Acenaphthylene	9.80	152	1061932	50.062	nq	95
50) Dimethylphthalate	9.66	163	820961	51.681	nq	98
51) 2,6-Dinitrotoluene	9.72	165	163418	51.592	nq #	88
52) Acenaphthene	9.97	154	610756	46.683	nq	98
53) 3-Nitroaniline	9.89	138	143109	42.363	nq	96
54) 2,4-Dinitrophenol	9.99	184	14137	19.944	nq #	1
55) Dibenzofuran	10.15	168	928562	46.978	nq	95
56) 4-Nitrophenol	10.06	139	246205	95.501	nq	91
57) 2,4-Dinitrotoluene	10.12	165	200161	52.578	nq #	95
58) Fluorene	10.49	166	701913	49.281	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.27	232	200674	48.772	nq	89
60) Diethylphthalate	10.36	149	769634	49.391	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	357466	45.427	nq	93
62) 4-Nitroaniline	10.50	138	160312	48.827	nq	91
63) Azobenzene	10.64	77	680045	43.471	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	13828	14.263	nq	82
66) n-Nitrosodiphenylamine	10.60	169	618656	48.453	nq	98
67) 4-Bromophenyl-phenylether	10.97	248	221466	46.943	nq	97
68) Hexachlorobenzene	11.05	284	248722	47.284	nq #	90
69) Atrazine	11.12	200	199782	45.040	nq	96
70) Pentachlorophenol	11.23	266	252983	77.795	nq	95
71) Phenanthrene	11.45	178	1026879	50.906	nq	94
72) Anthracene	11.50	178	1055028	52.107	nq	95
73) Carbazole	11.66	167	913490	46.470	nq	94
74) Di-n-butylphthalate	11.99	149	1101732	49.987	nq	96
75) Fluoranthene	12.64	202	1034869	50.662	nq	96
77) Benzidine	12.76	184	377385	38.411	nq	96
78) Pyrene	12.87	202	1014000	54.995	nq	97
80) Butylbenzylphthalate	13.48	149	436816	58.119	nq	94
81) Benzo(a)anthracene	14.06	228	758416	50.898	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	234772	39.877	nq #	97
83) Chrysene	14.09	228	723080	49.373	nq	96
84) Bis(2-ethylhexyl)phthalate	14.04	149	546713	57.749	nq #	99
85) Di-n-octyl phthalate	14.66	149	838147	57.142	nq	96
86) Indeno(1,2,3-cd)pyrene	17.04	276	602734	48.413	nq #	87
88) Benzo(b)fluoranthene	15.11	252	643197	53.043	nq #	96
89) Benzo(k)fluoranthene	15.14	252	588833m	51.007	nq	
90) Benzo(a)pyrene	15.49	252	572301	51.949	nq #	94
91) Dibenzo(a,h)anthracene	17.06	278	515885	53.477	nq #	90
92) Benzo(g,h,i)perylene	17.50	276	472903	50.202	nq #	86

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

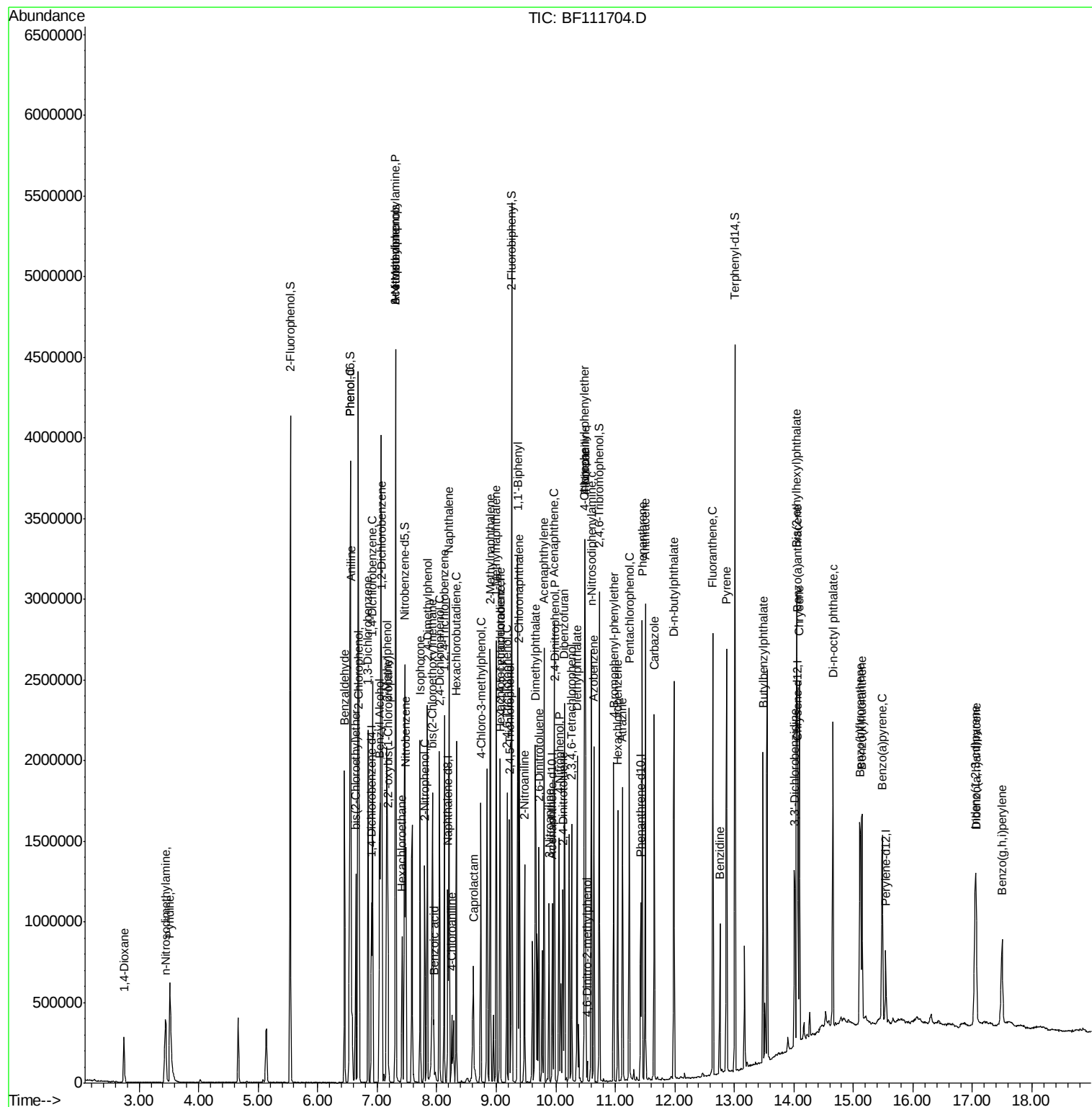
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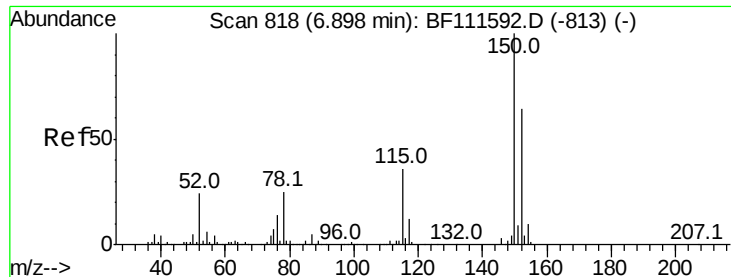
Instrument :
BNA_F
ClientSampleId :
PB115917BS

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#1

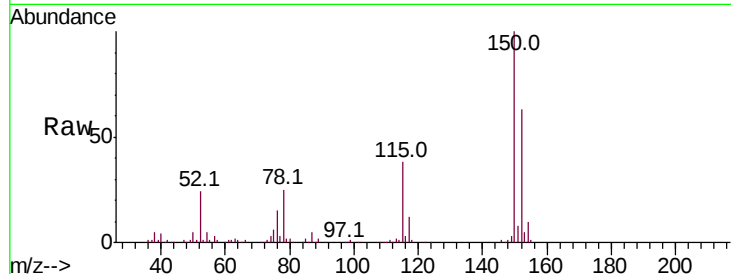
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	60.2	50.7	76.1

Manual Integrations
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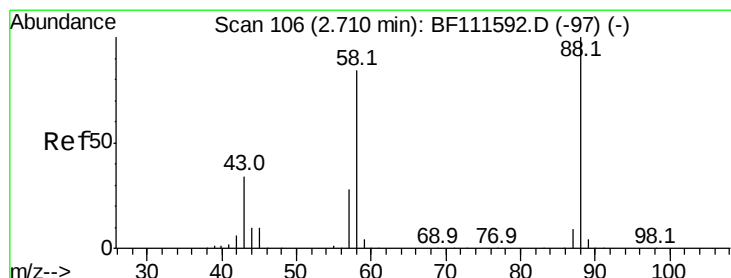
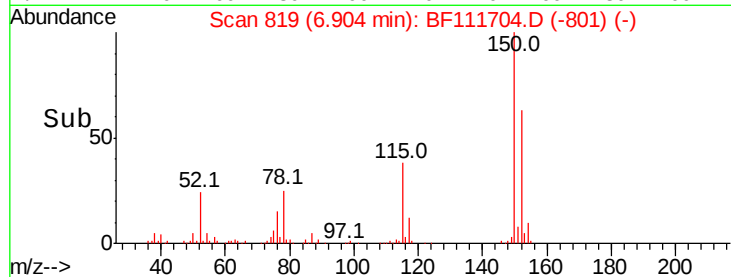
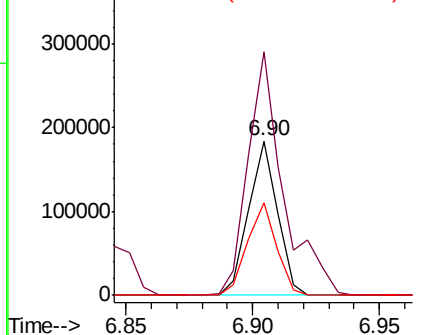


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

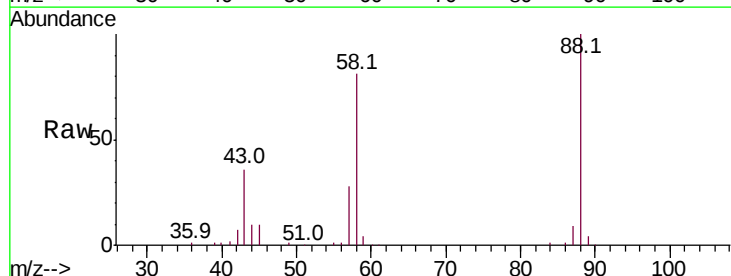
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.211 ng
RT: 2.75 min Scan# 112
Delta R.T. 0.04 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.1	68.9	103.3
43	36.5	25.8	38.6

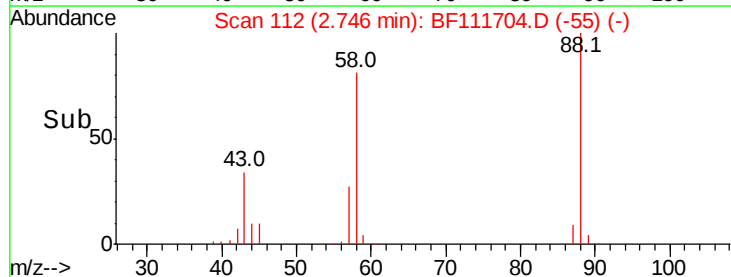
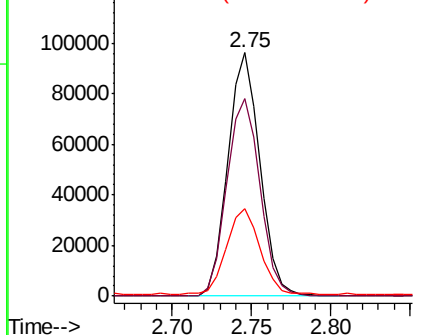


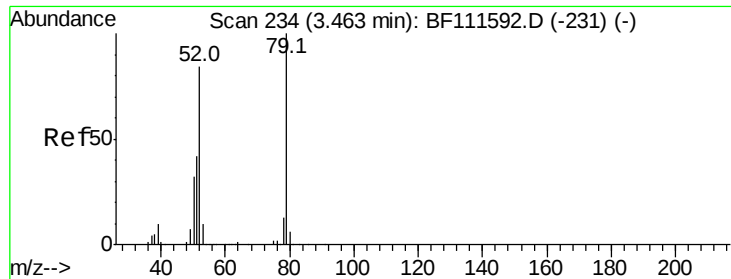
Abundance

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





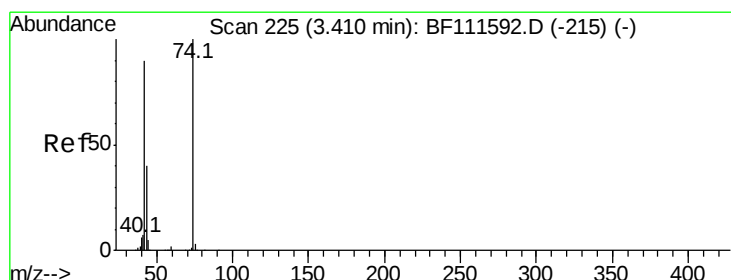
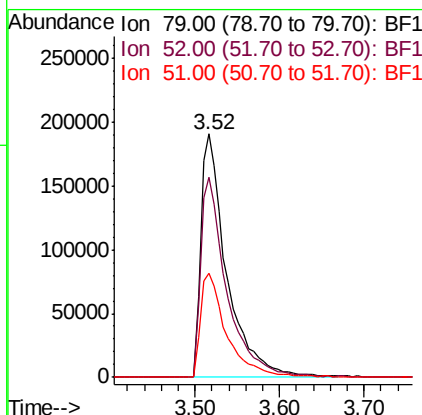
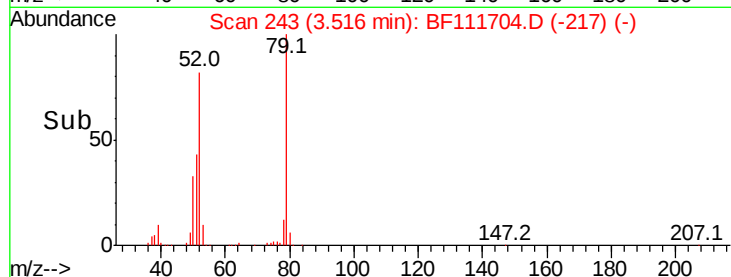
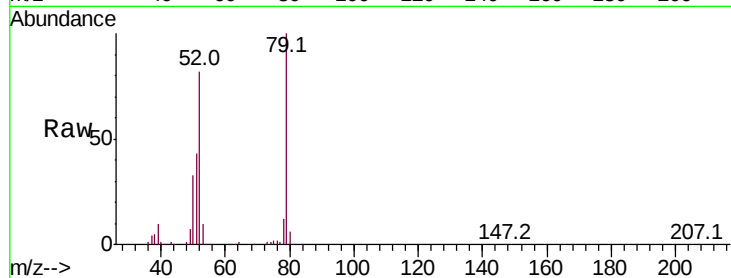
#3
 Pvridine
 Concen: 38.144 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.05 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Instrument :
 BNA_F
 ClientSampled :
 PB115917BS

Tot Ion: 79 Resp: 402302
 Ion Ratio Lower Upper
 79 100
 52 82.4 68.3 102.5
 51 42.8 32.6 49.0

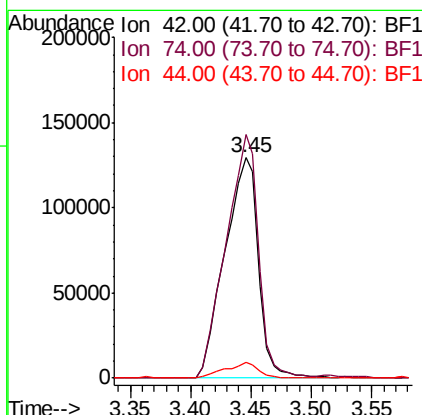
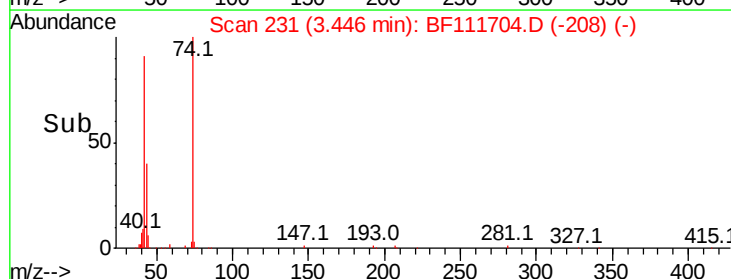
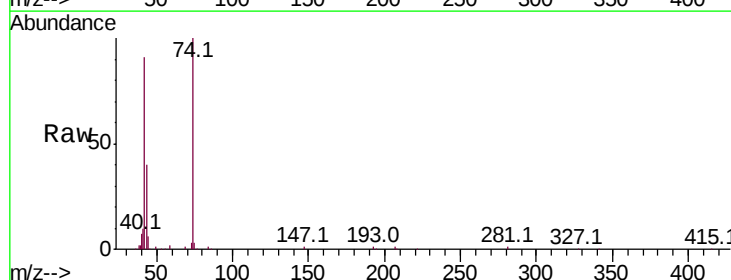
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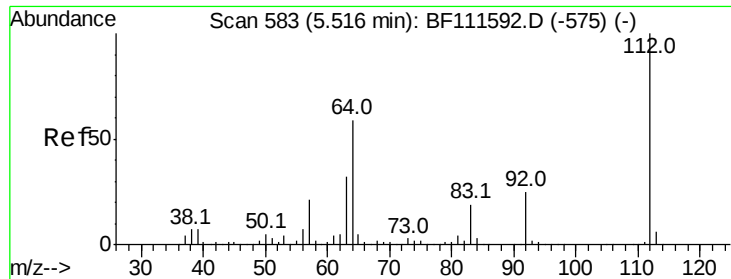
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#4
 n-Nitrosodimethylamine
 Concen: 48.483 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.04 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion: 42 Resp: 250251
 Ion Ratio Lower Upper
 42 100
 74 110.5 101.5 152.3
 44 7.0 6.0 9.0





#5

2-Fluorophenol

Concen: 137.496 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.03 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleID :

PB115917BS

Tot Ion:112 Resp: 1183073

Ion Ratio Lower Upper

112 100

64 60.7 51.8 77.6

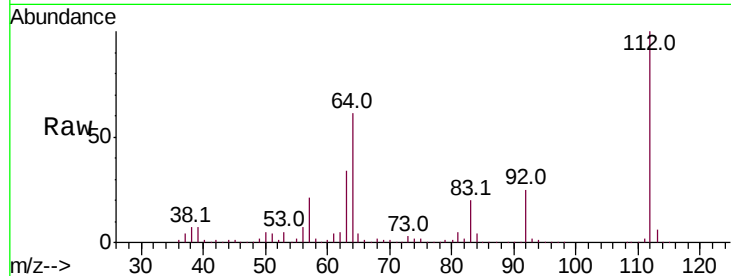
63 33.5 26.8 40.2

Manual Integrations

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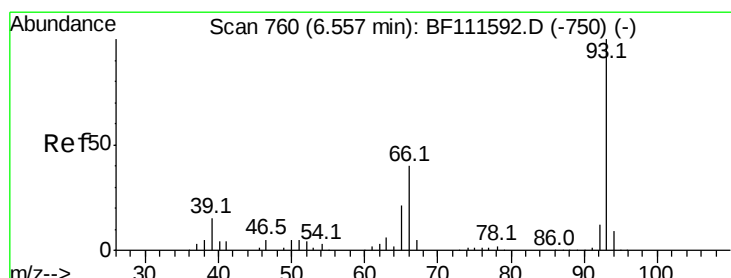
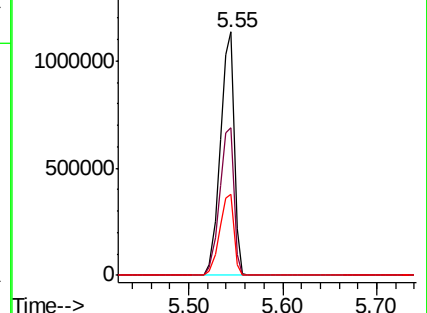
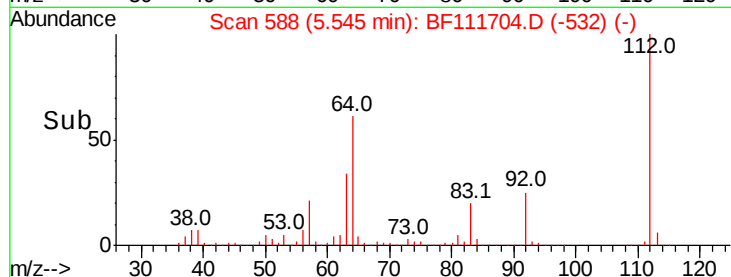
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.619 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

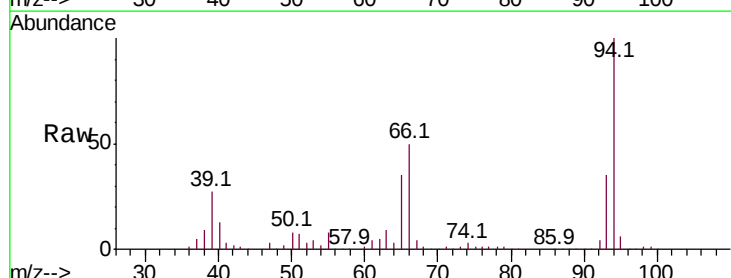
Tgt Ion: 93 Resp: 329679

Ion Ratio Lower Upper

93 100

66 141.9 33.2 49.8#

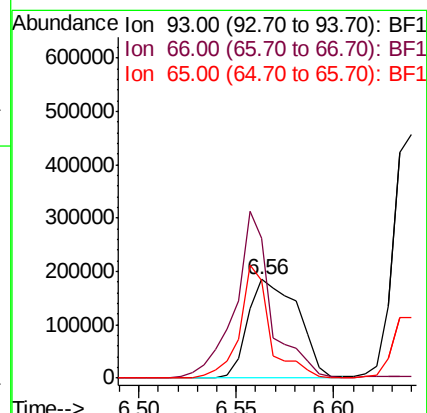
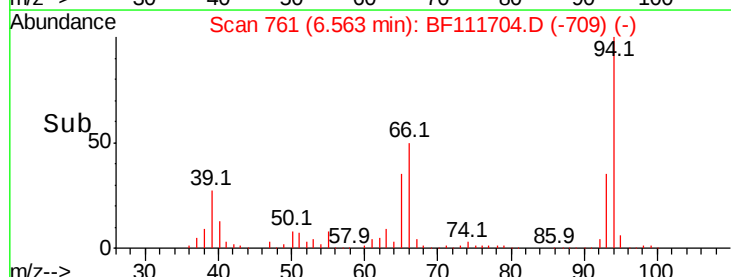
65 98.6 17.0 25.4#

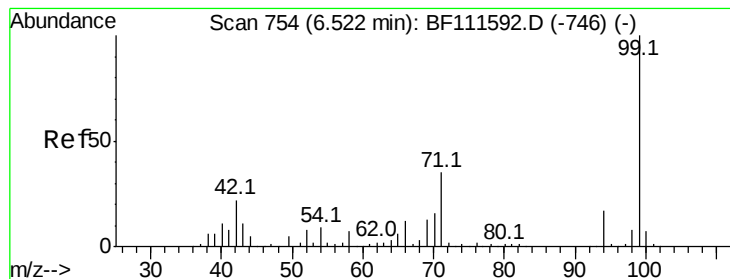


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 132.714 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

Tot Ion: 99 Resp: 1453276

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

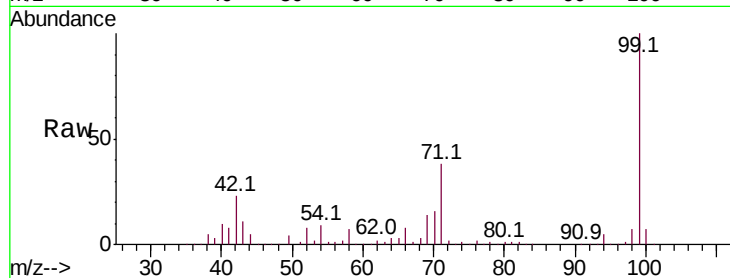
71 37.6 26.1 39.1

Manual Integrations

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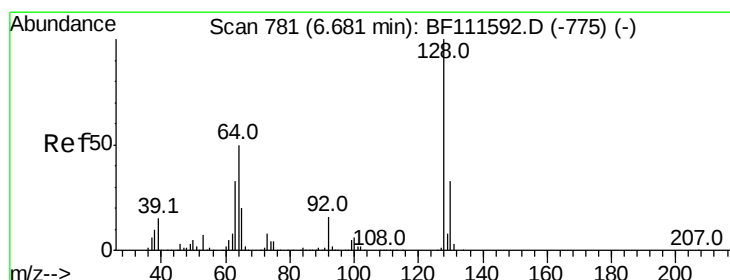
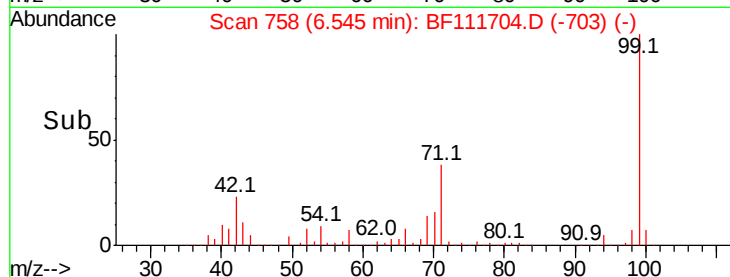
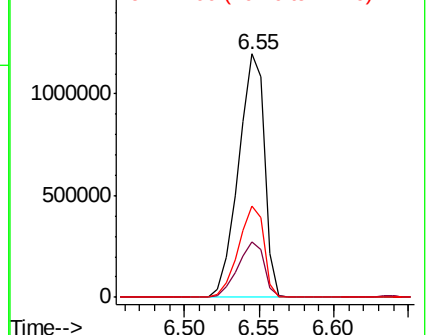
12/26/2018 3:11:00 PM



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: 44.931 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

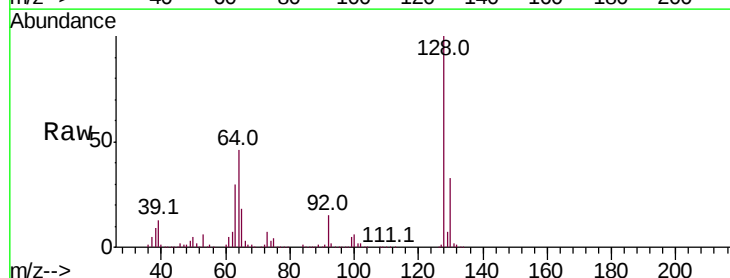
Tgt Ion:128 Resp: 428258

Ion Ratio Lower Upper

128 100

130 33.4 12.7 52.7

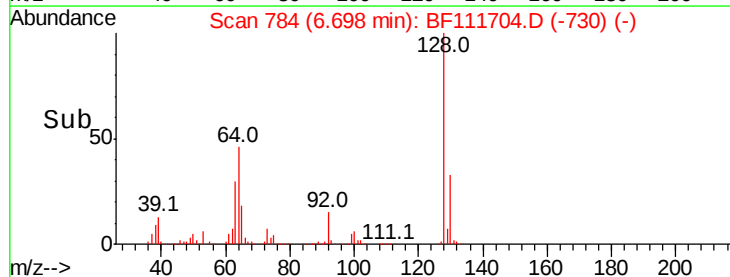
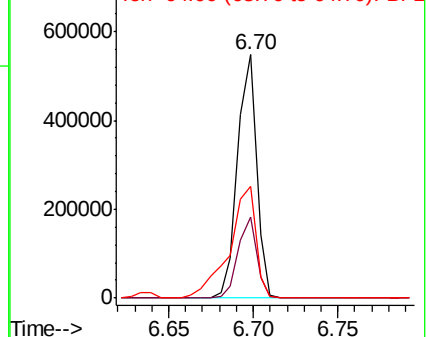
64 46.2 30.0 70.0

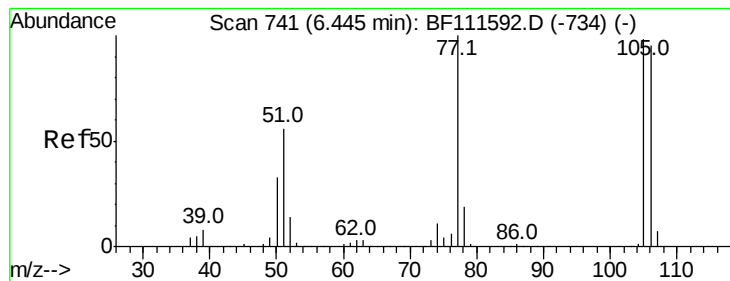


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 43.940 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

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BNA_F

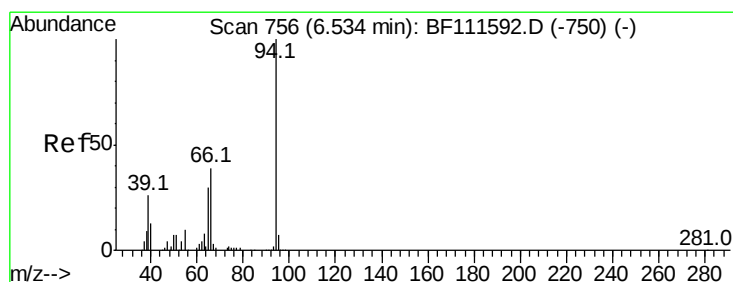
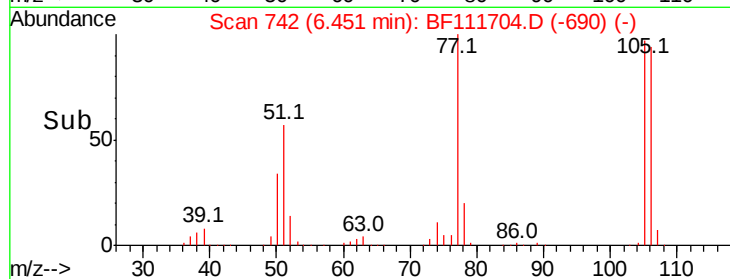
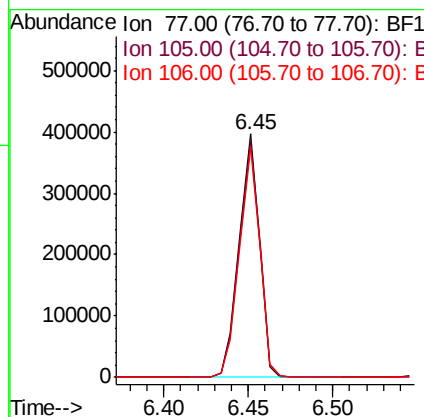
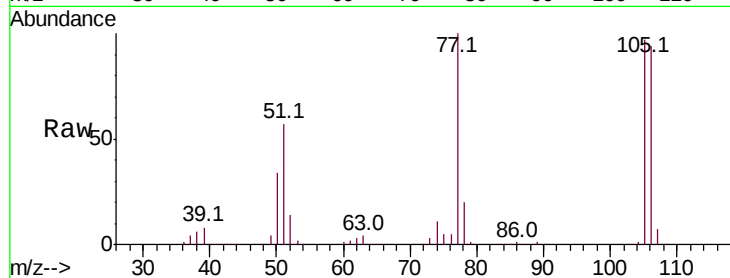
ClientSampled :

PB115917BS

Tot Ion	77	Resp	330920
Ion	Ratio	Lower	Upper
77	100		
105	96.9	81.4	121.4
106	94.1	77.9	117.9

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#10

Phenol

Concen: 40.936 ng

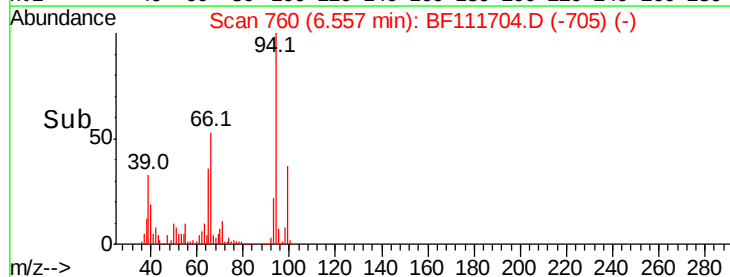
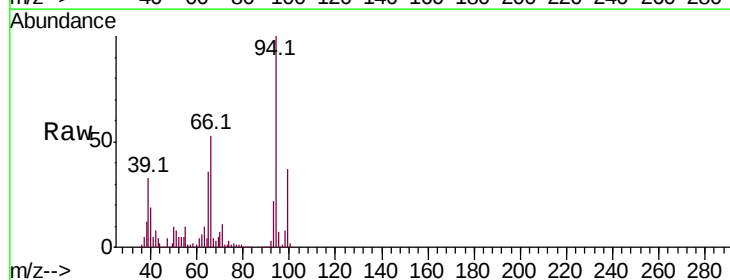
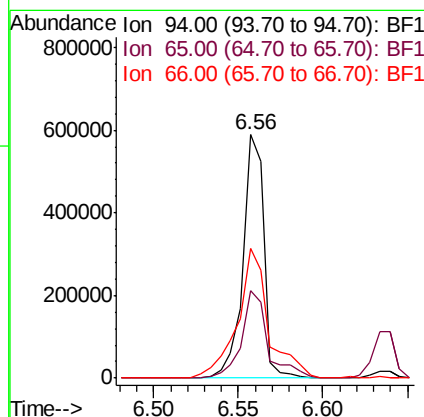
RT: 6.56 min Scan# 760

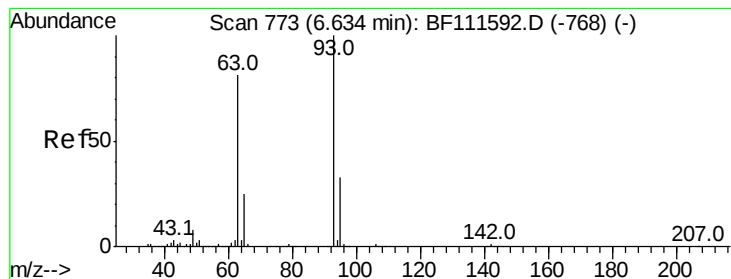
Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Tgt Ion	94	Resp	505788
Ion	Ratio	Lower	Upper
94	100		
65	36.0	11.7	51.7
66	53.1	21.0	61.0





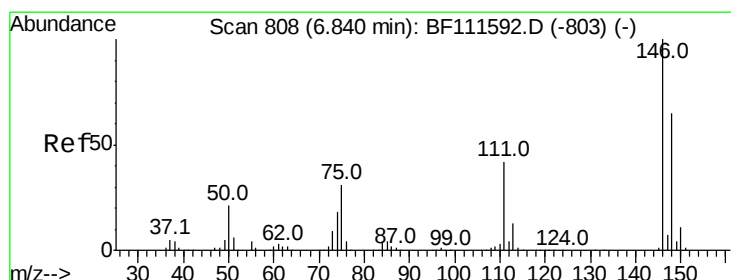
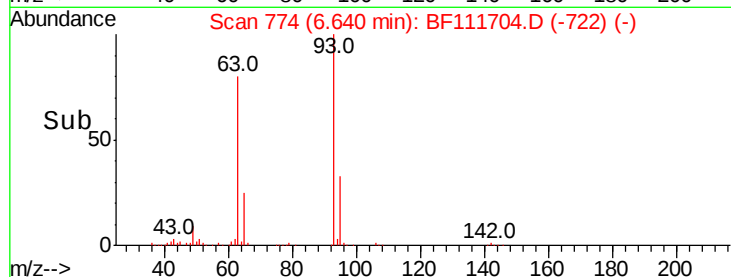
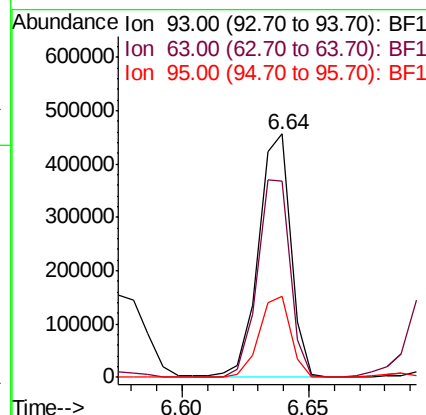
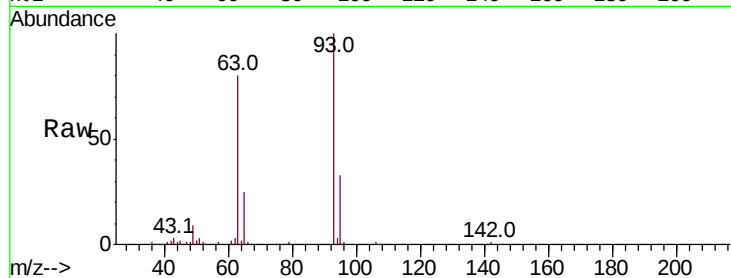
#11
bis(2-Chloroethyl)ether
Concen: 43.865 ng
RT: 6.64 min Scan# 774
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	80.5	60.0	100.0	
95	33.1	13.4	53.4	

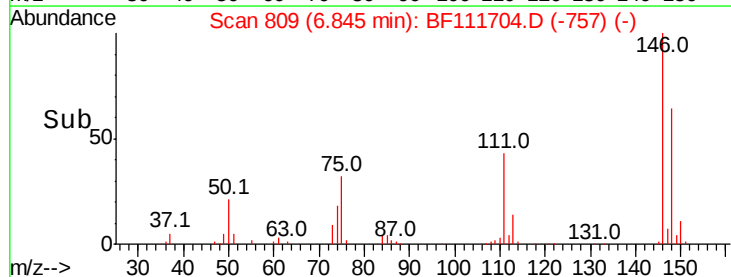
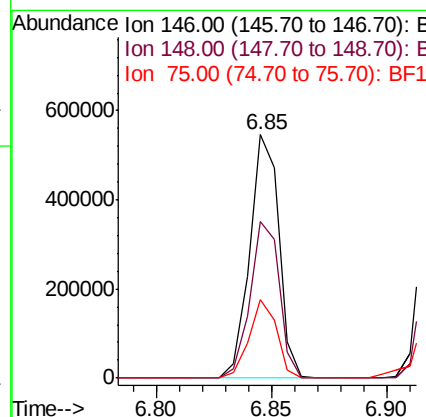
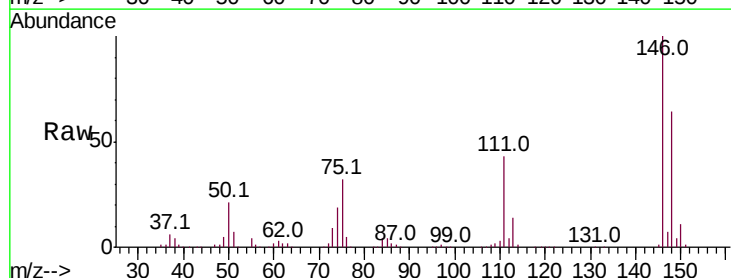
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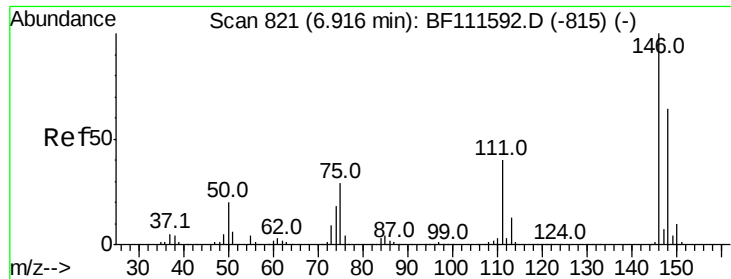
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#12
1,3-Dichlorobenzene
Concen: 43.594 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.3	52.1	78.1	
75	32.3	23.9	35.9	





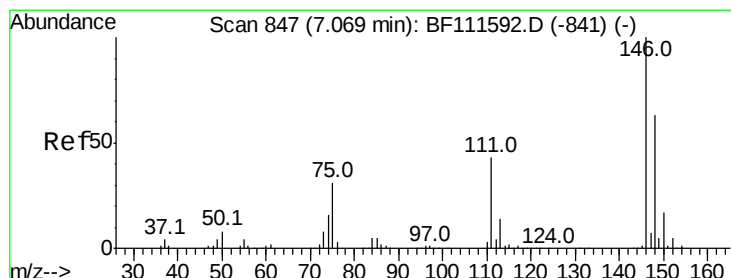
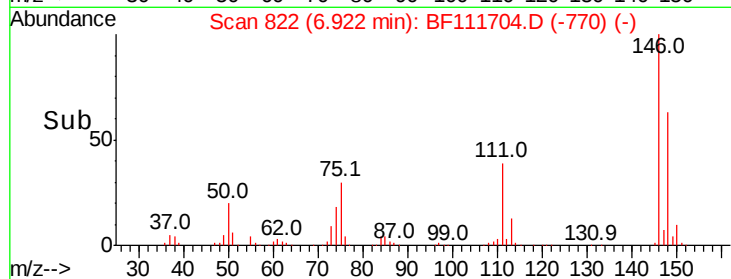
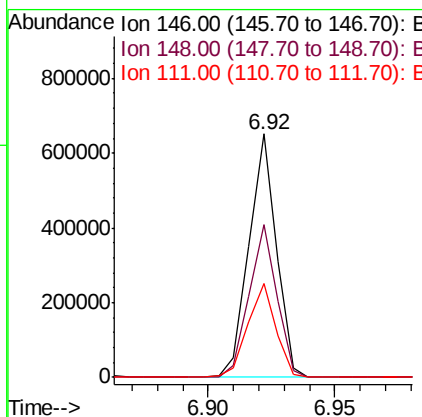
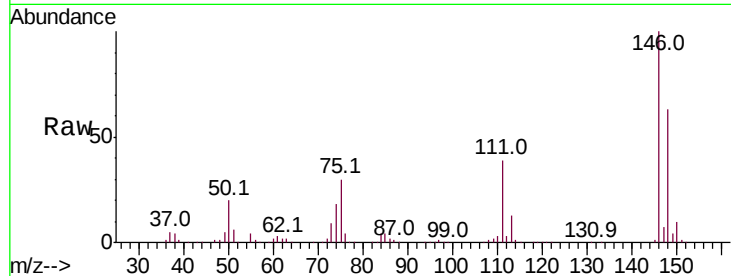
#13
 1,4-Dichlorobenzene
 Concen: 43.994 ng
 RT: 6.92 min Scan# 822
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.8	79.2
111	38.6	33.4	50.0

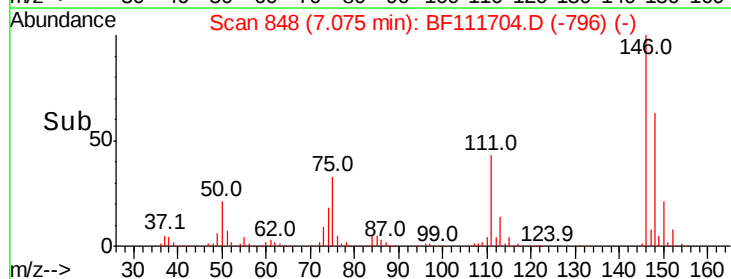
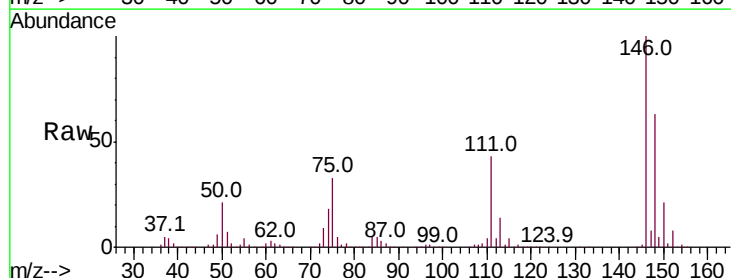
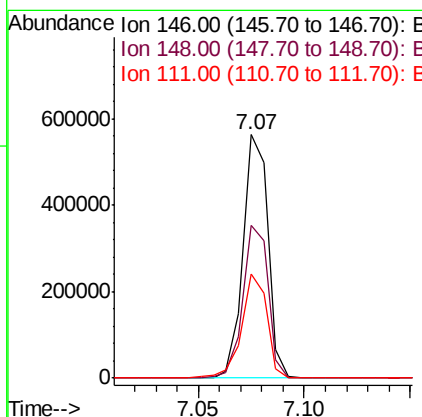
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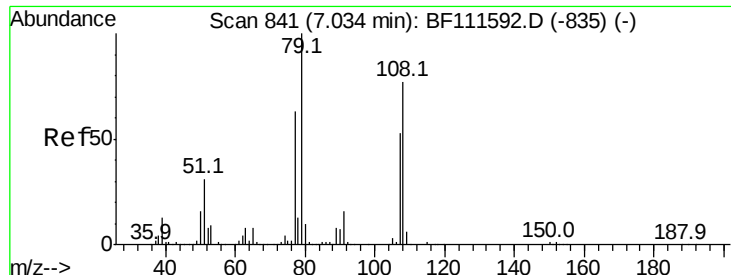
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 43.860 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.9	77.9
111	42.6	36.2	54.4





#15

Benzyl Alcohol

Concen: 40.054 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

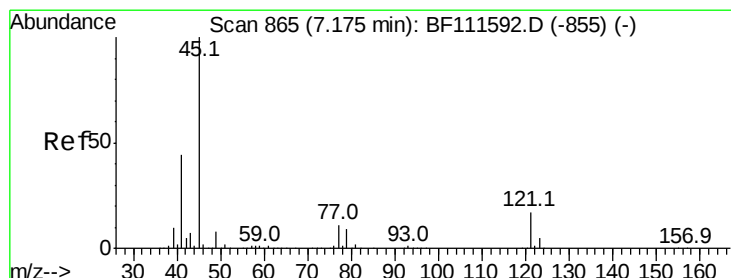
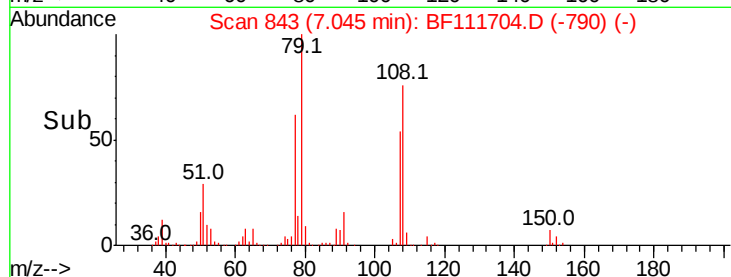
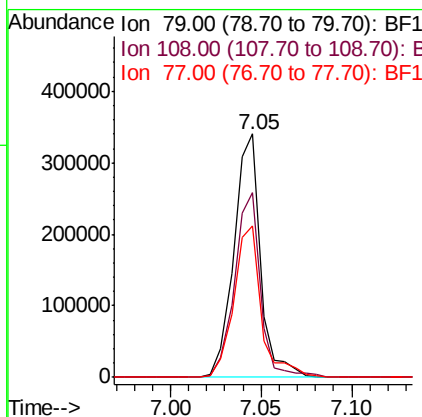
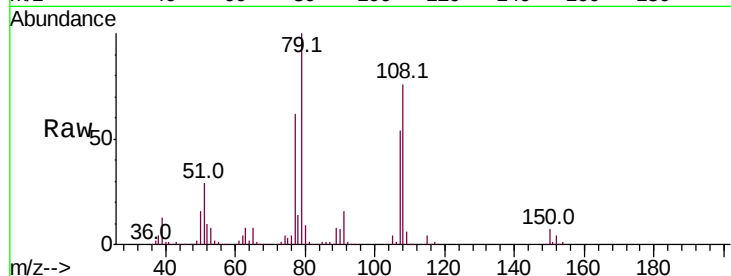
ClientSampleId :

PB115917BS

Tot Ion:	79	Resp:	348343
Ion Ratio	Lower	Upper	
79	100		
108	76.0	69.4	104.2
77	62.2	49.7	74.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.897 ng

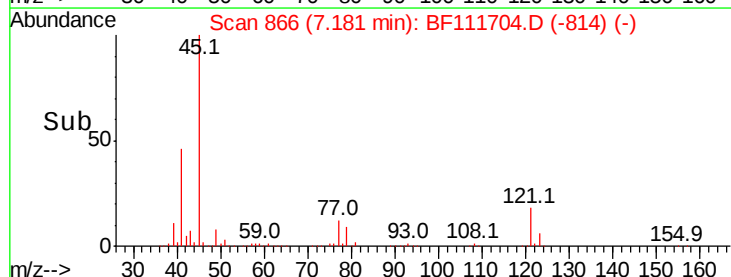
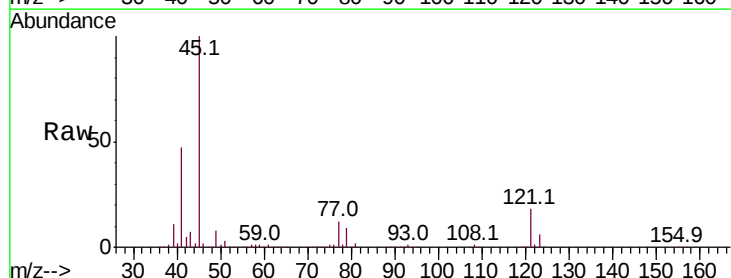
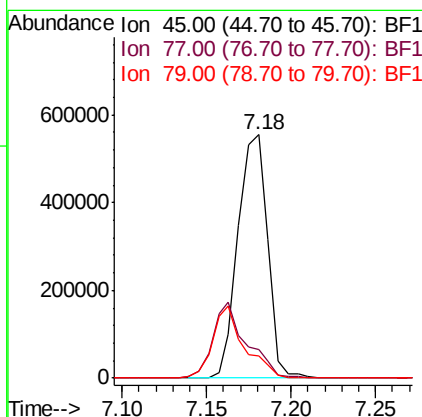
RT: 7.18 min Scan# 866

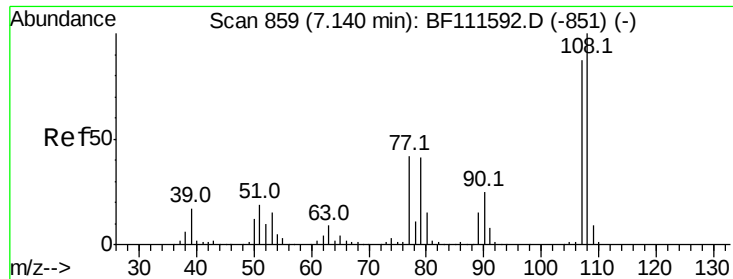
Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Tgt Ion:	45	Resp:	680316
Ion Ratio	Lower	Upper	
45	100		
77	11.9	0.0	31.5
79	9.3	0.0	28.9





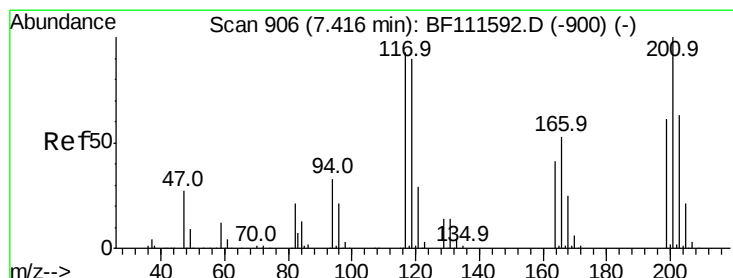
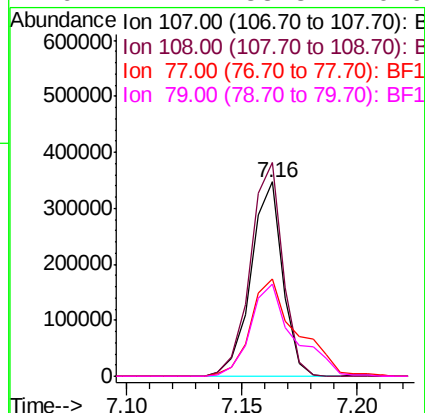
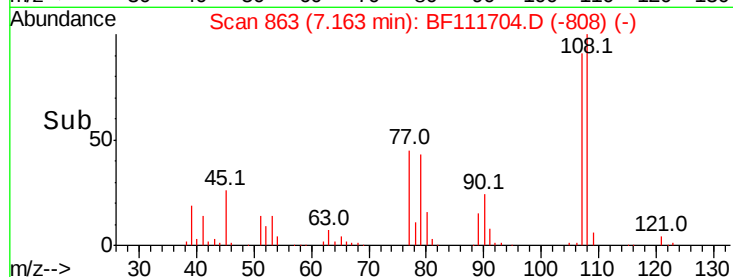
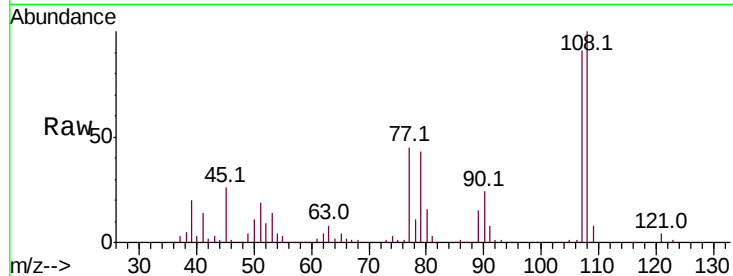
#17
2-Methylphenol
Concen: 43.740 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampled :
PB115917BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.8	91.0	136.4	
77	49.9	33.5	50.3	
79	47.2	33.3	49.9	

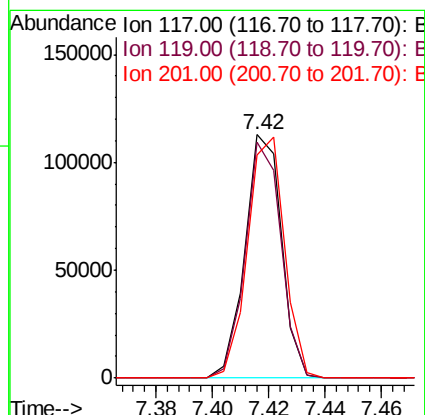
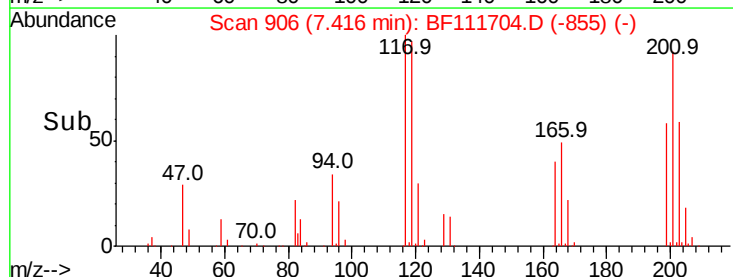
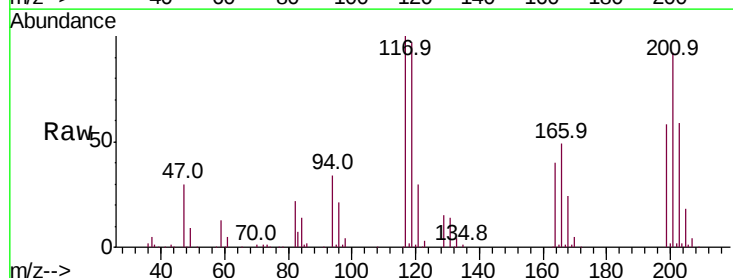
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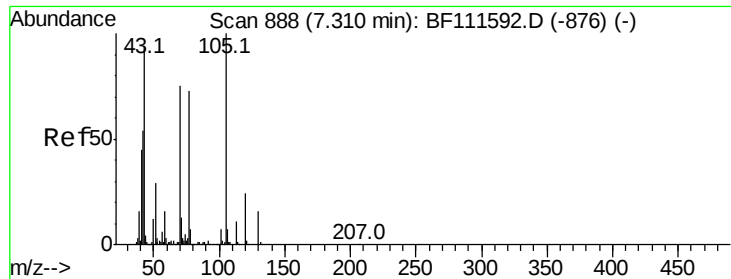
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#18
Hexachloroethane
Concen: 26.741 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.4	113.0	
201	91.9	62.4	93.6	





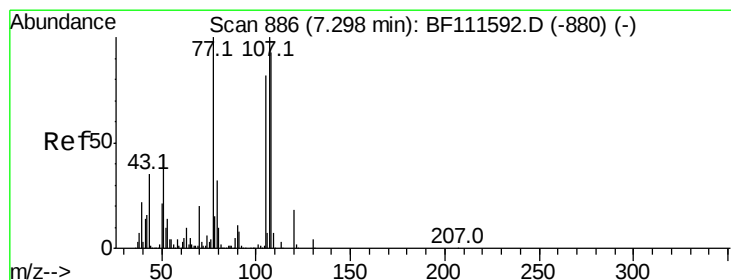
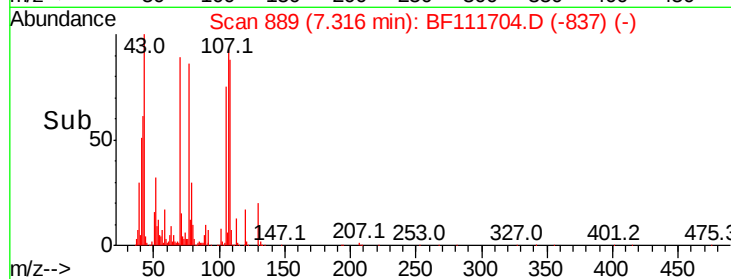
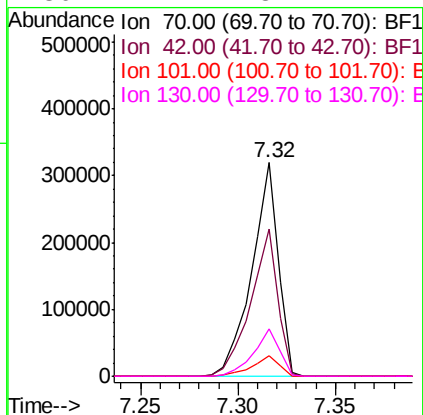
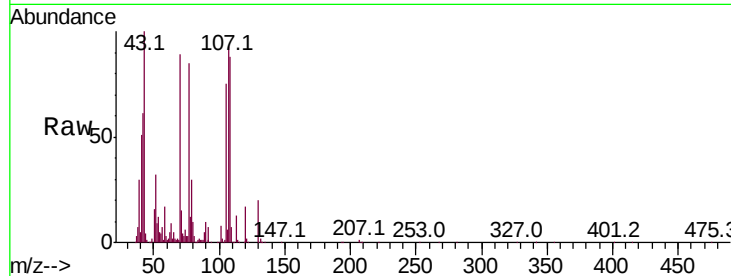
#19
n-Nitroso-di-n-propylamine
Concen: 41.376 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.1	53.2	79.8
101	9.3	8.2	12.4
130	22.1	18.1	27.1

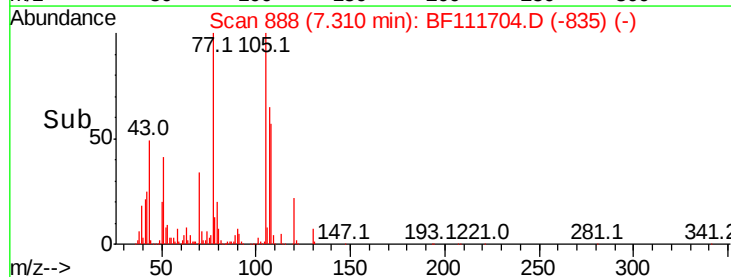
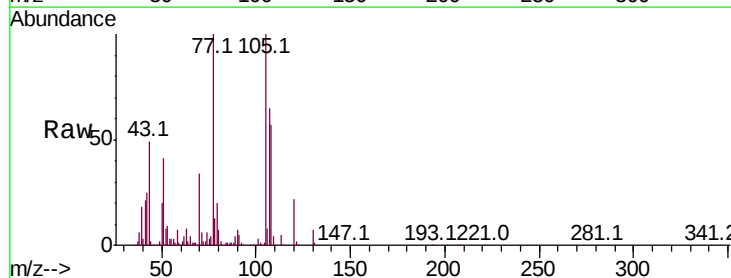
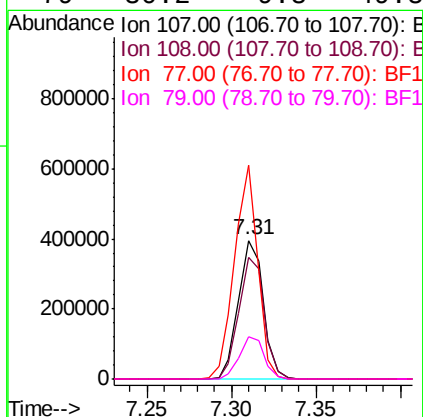
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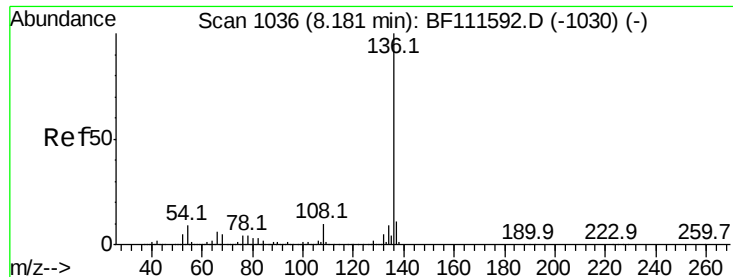
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#20
3+4-Methylphenols
Concen: 42.412 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	72.1	112.1
77	154.3	94.1	134.1#
79	30.2	9.8	49.8





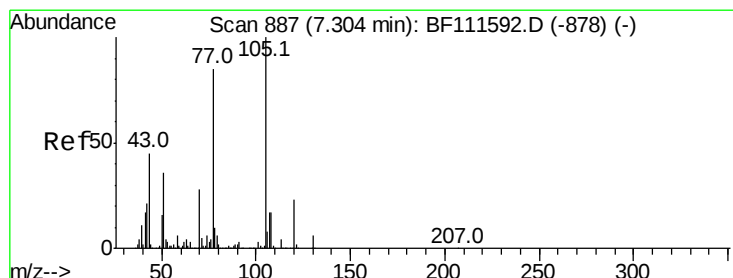
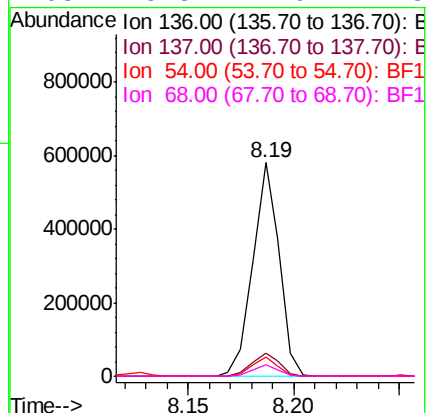
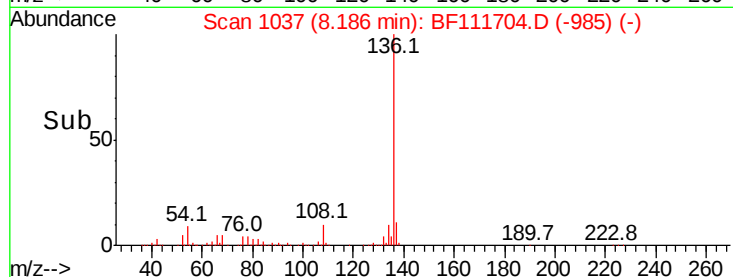
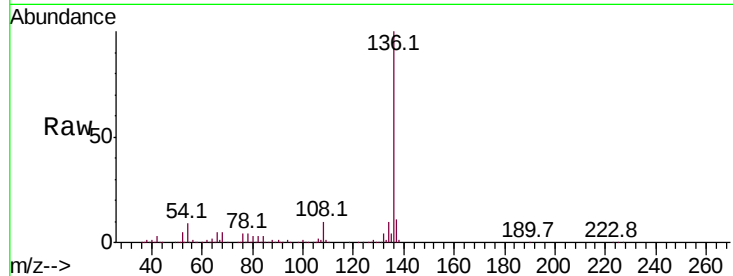
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	9.1	13.7
54	8.9	7.7	11.5
68	5.3	4.9	7.3

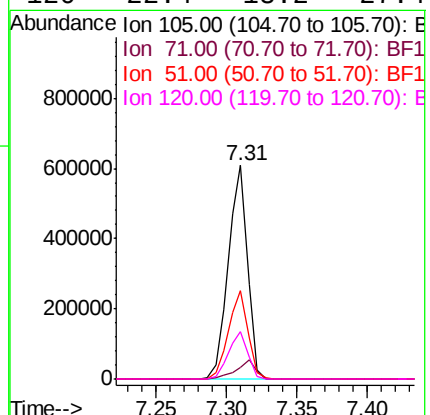
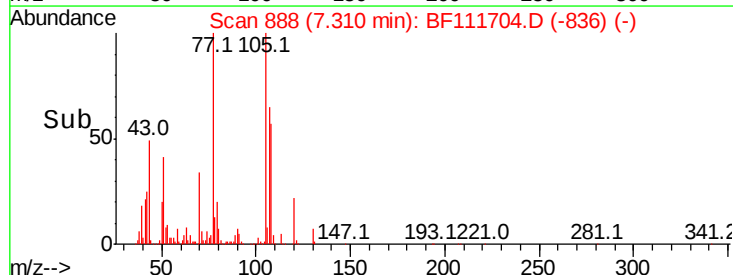
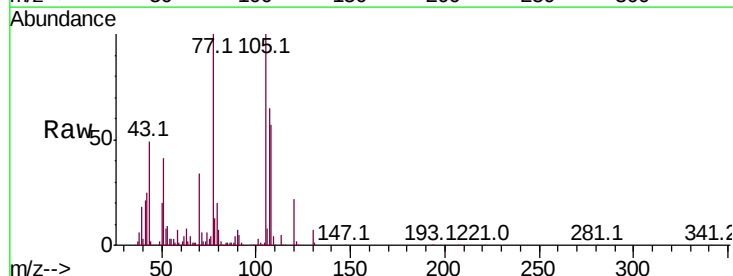
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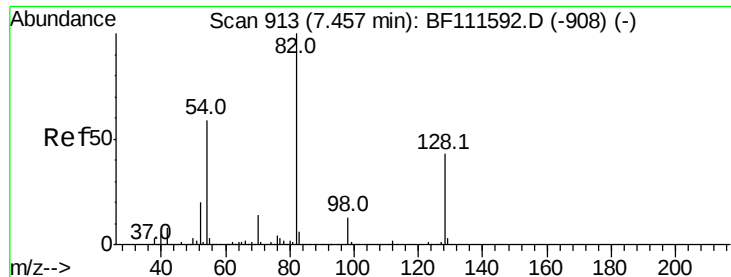
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#22
Acetophenone
Concen: 44.933 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.5	3.1	4.7#
51	41.2	36.6	54.8
120	22.4	18.2	27.4





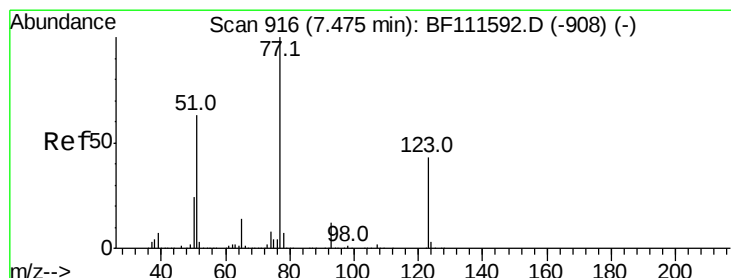
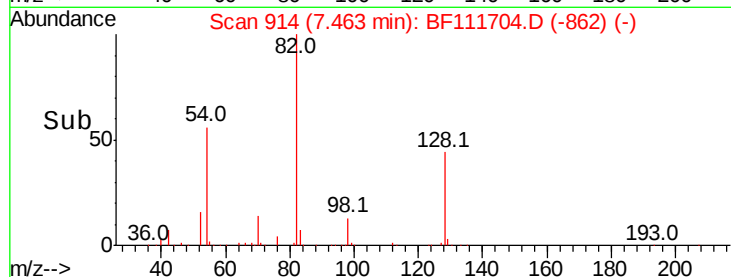
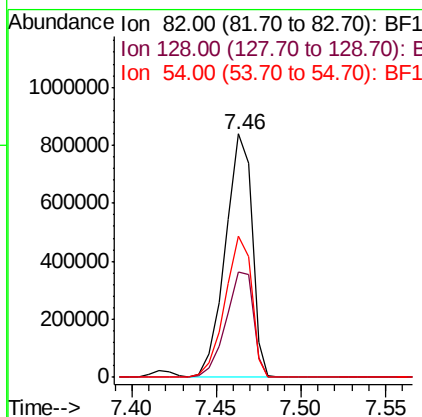
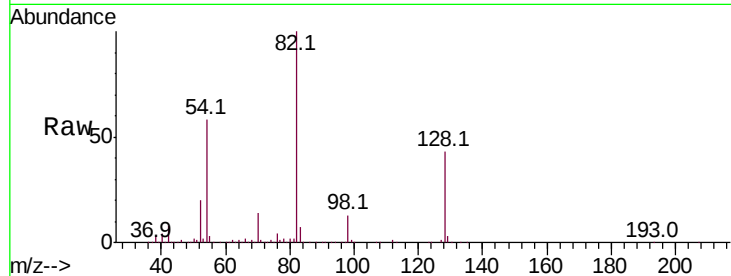
#23
Nitrobenzene-d5
Concen: 106.292 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampled :
PB115917BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	37.4	56.2
54	58.1	47.6	71.4

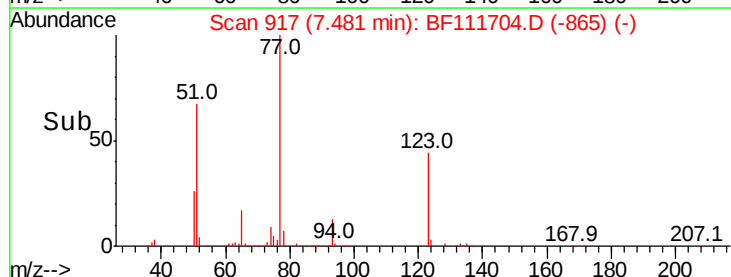
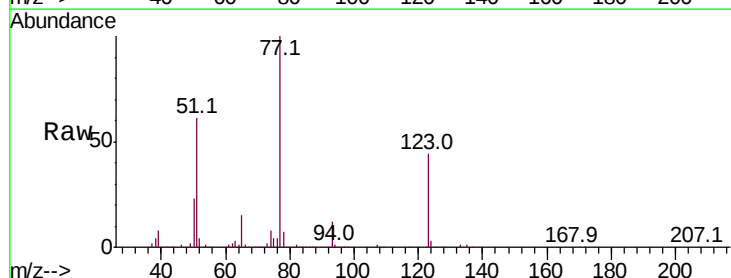
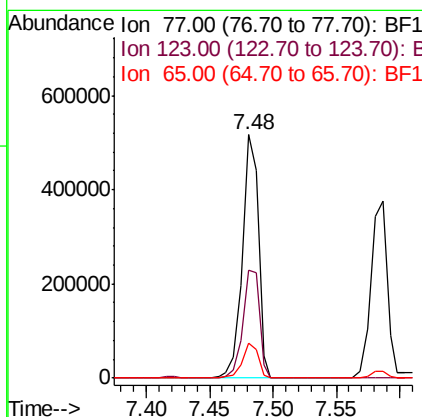
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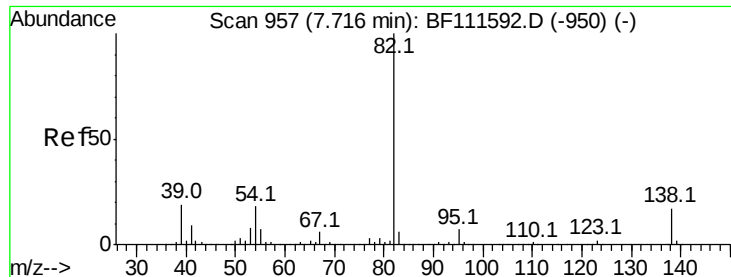
Sohil
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#24
Nitrobenzene
Concen: 49.480 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	37.2	55.8
65	14.5	11.5	17.3





#25

Isophorone

Concen: 50.724 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

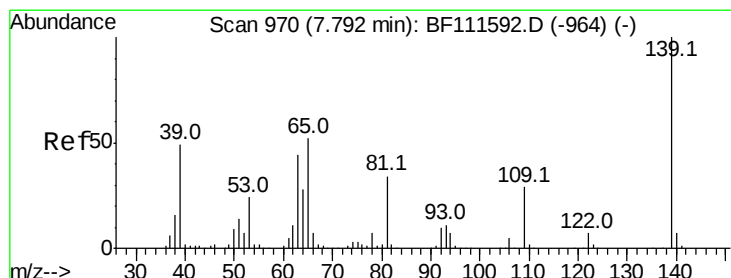
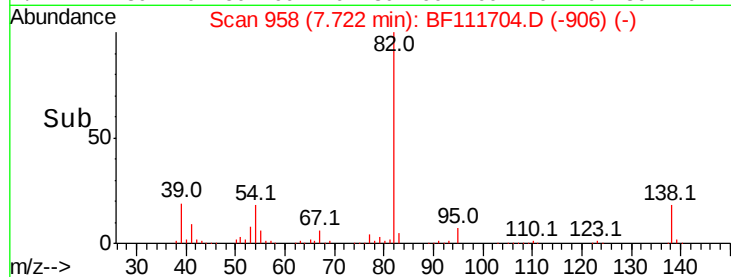
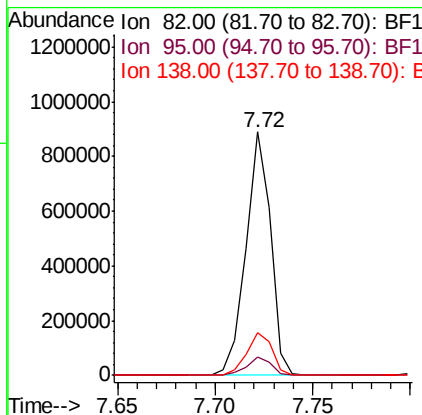
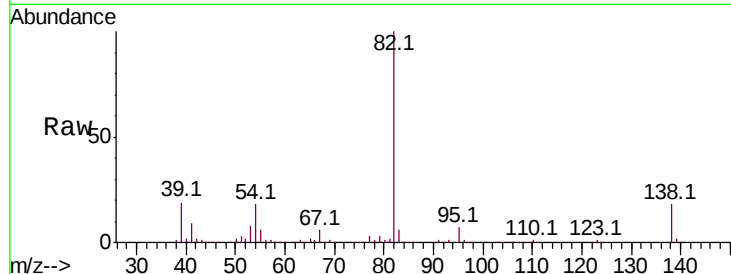
ClientSampleId :

PB115917BS

Tot Ion:	82	Resp:	778108
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.4	8.2
138	17.7	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 53.553 ng

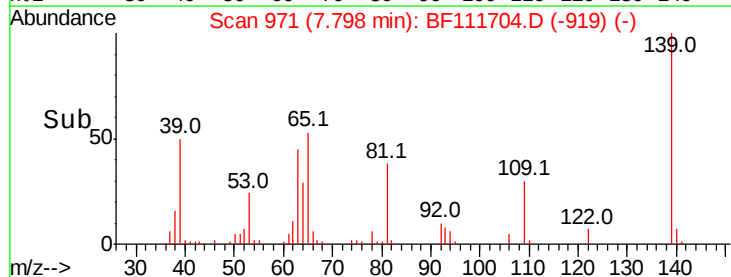
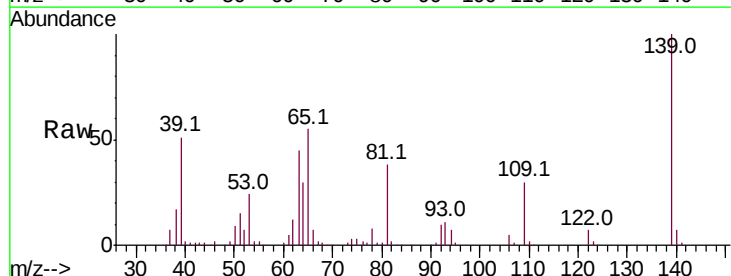
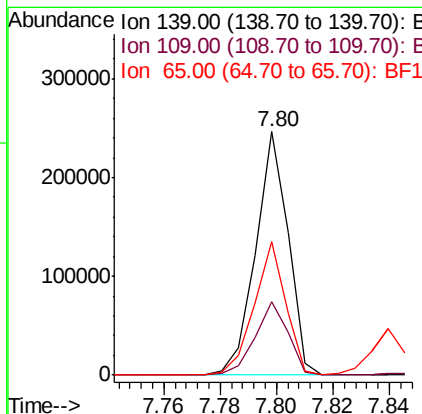
RT: 7.80 min Scan# 971

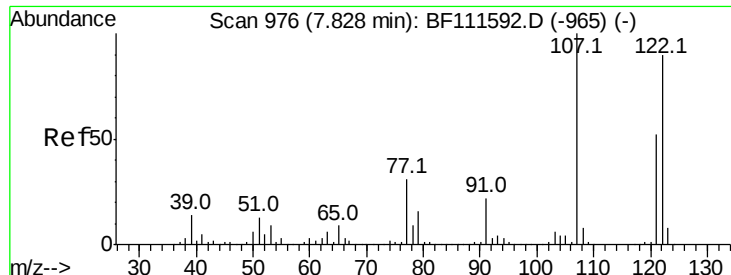
Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Tgt Ion:	139	Resp:	196699
Ion Ratio	Lower	Upper	
139	100		
109	30.4	20.2	30.4#
65	55.1	40.7	61.1





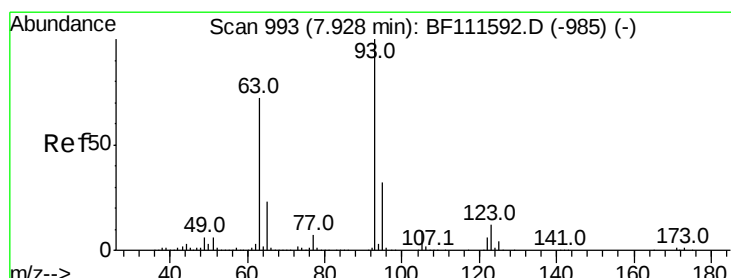
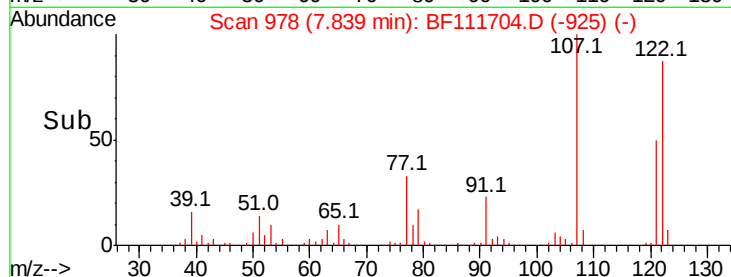
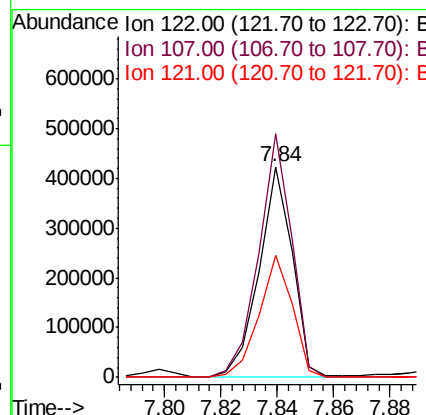
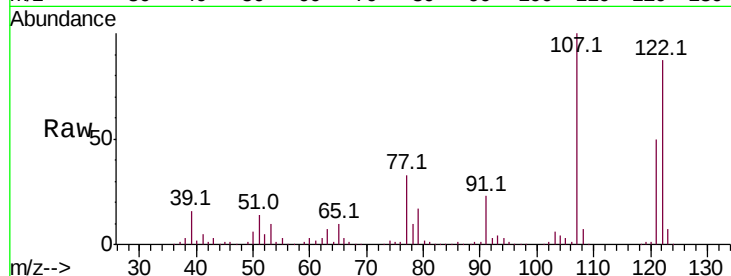
#27
2,4-Dimethylphenol
Concen: 47.924 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.6	85.5	128.3
121	57.9	46.6	70.0

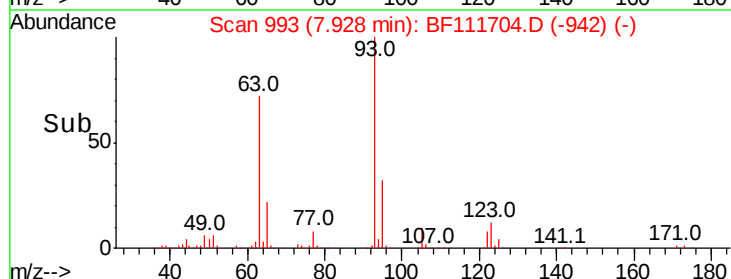
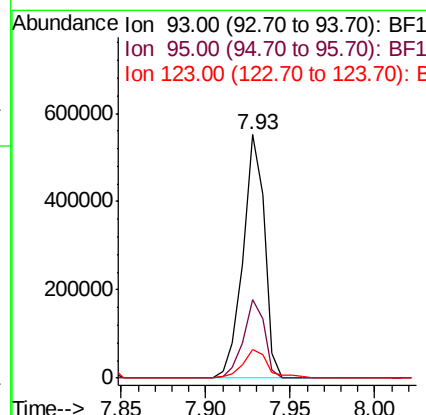
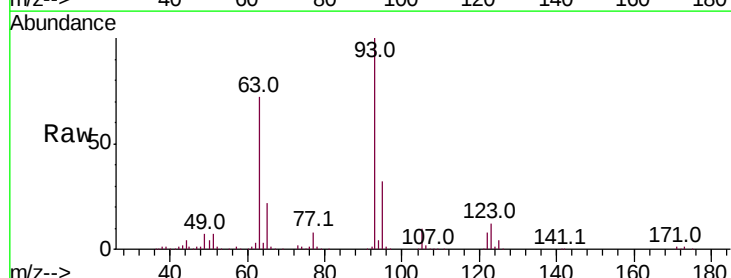
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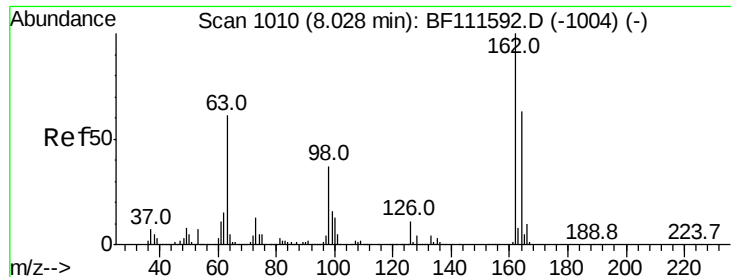
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#28
bis(2-Chloroethoxy)methane
Concen: 47.643 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	27.1	40.7
123	11.9	9.9	14.9





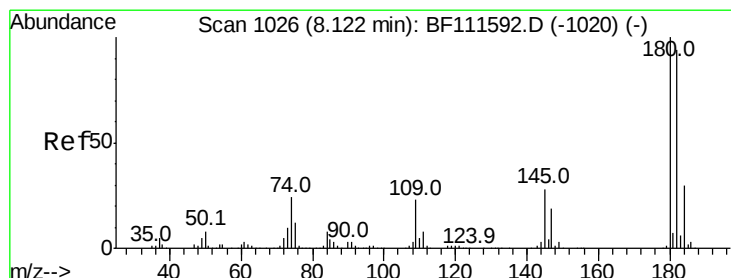
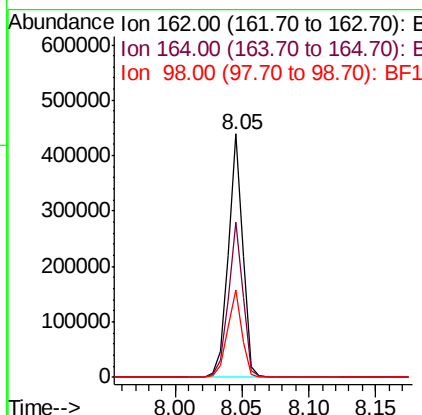
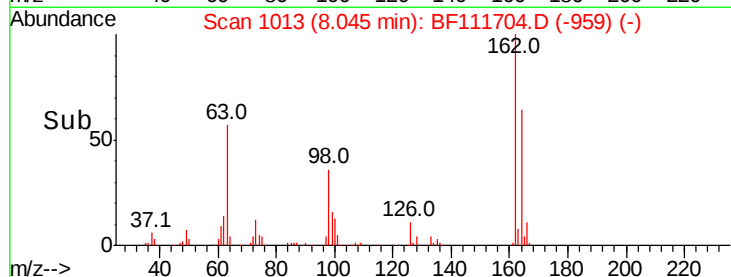
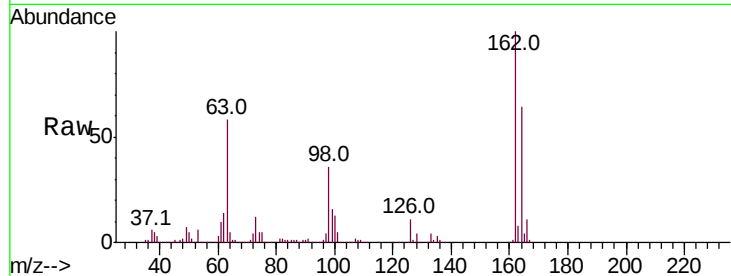
#29
2,4-Dichlorophenol
Concen: 43.774 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.7	44.4	84.4
98	35.8	20.3	60.3

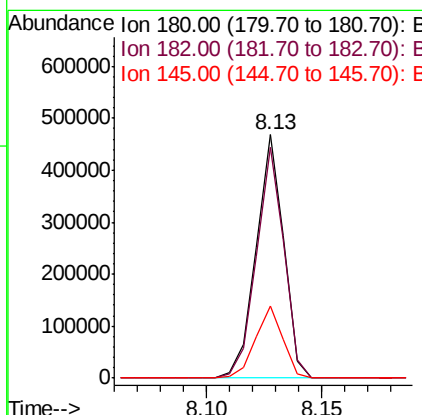
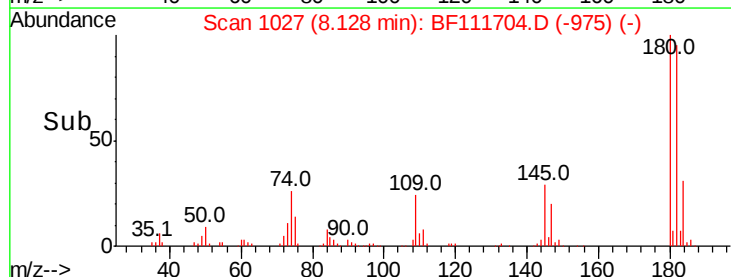
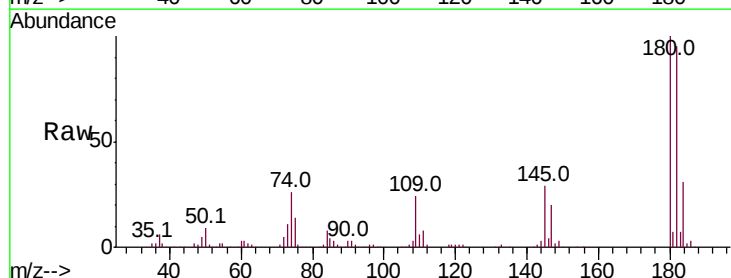
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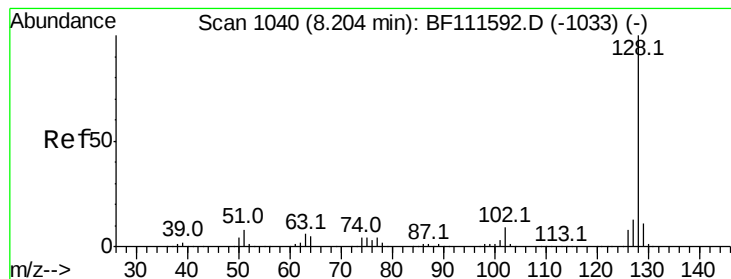
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#30
1,2,4-Trichlorobenzene
Concen: 44.799 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.7	75.6	113.4
145	29.4	26.7	40.1





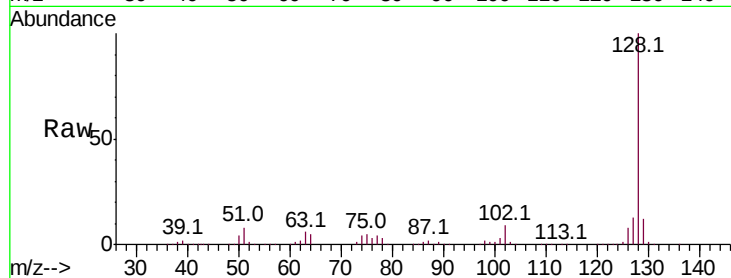
#31
Naphthalene
Concen: 47.866 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.8	14.8
127	13.4	12.0	18.0

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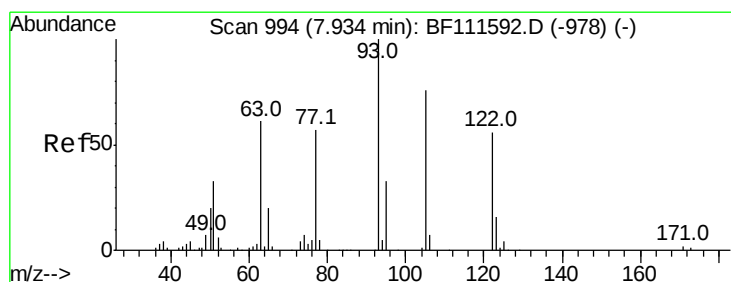
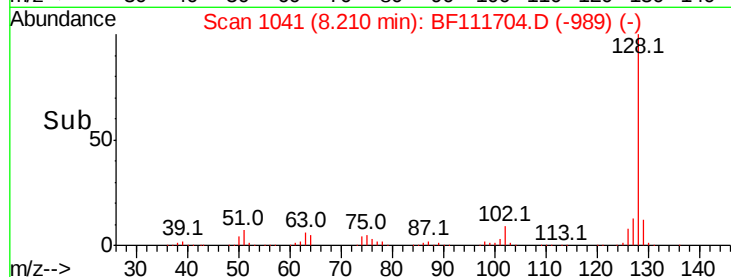
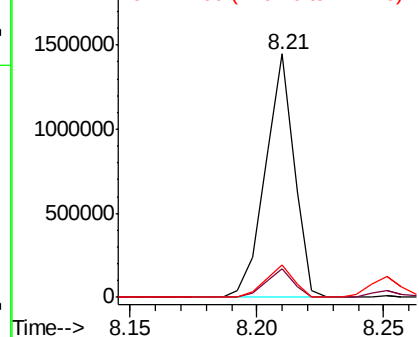


Abundance

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: 41.137 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

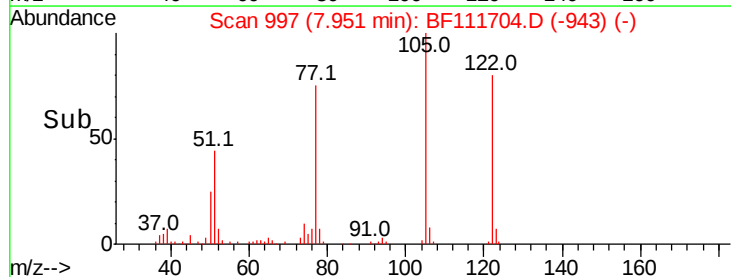
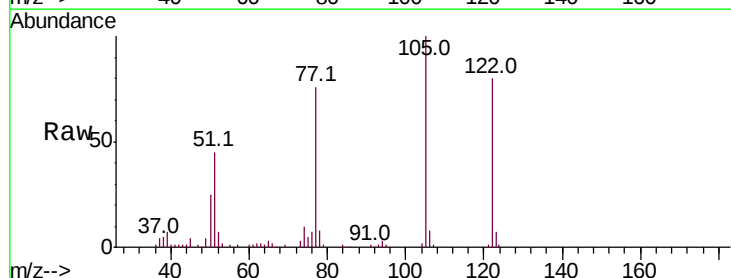
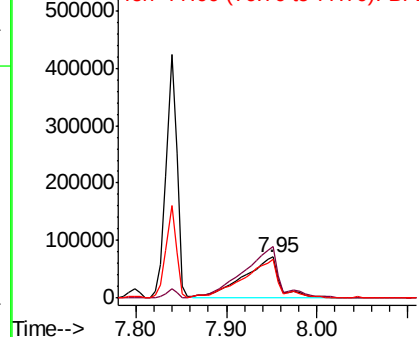
Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	97.0	137.0
77	95.8	65.7	105.7

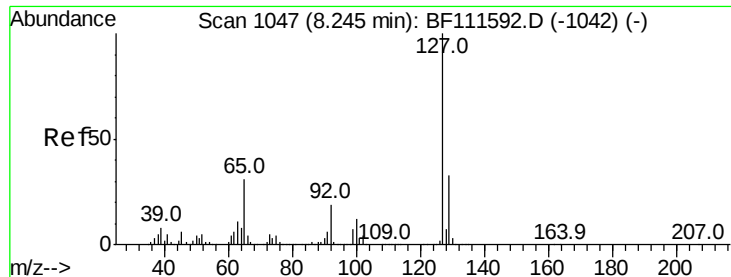
Abundance

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





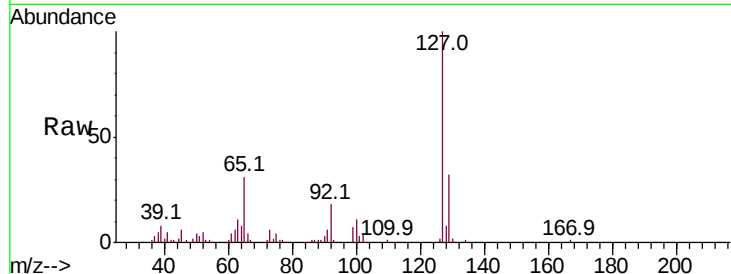
#33
4-Chloroaniline
Concen: 11.293 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

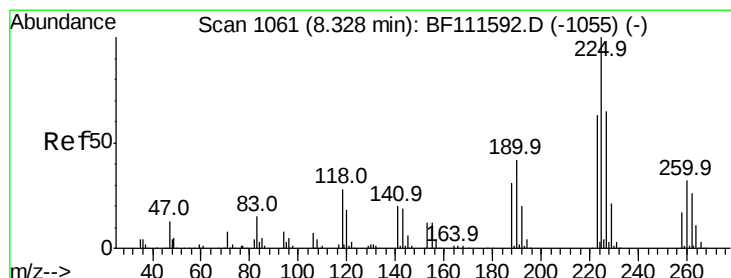
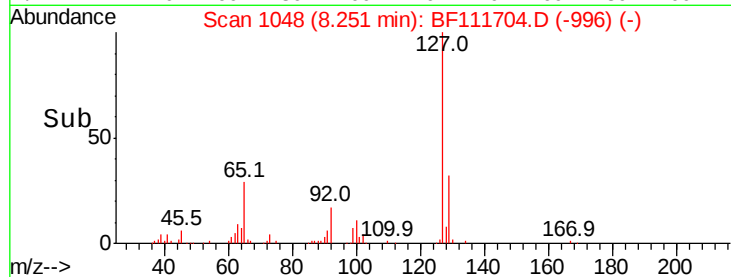
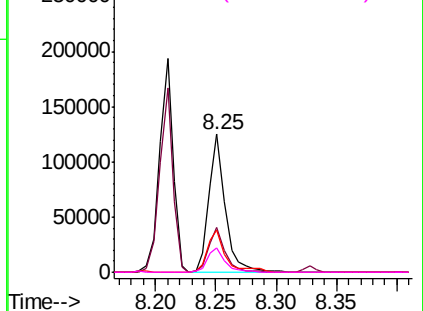
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.6	39.8		
65	30.8	25.7	38.5		
92	17.8	15.4	23.2		

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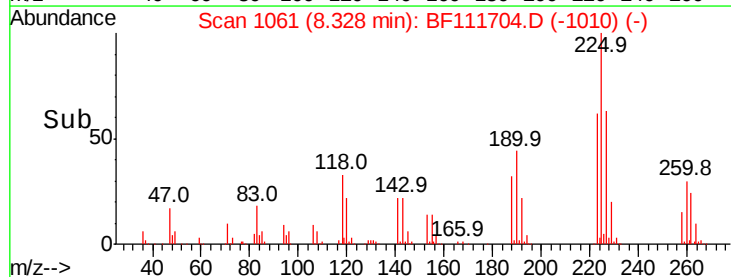
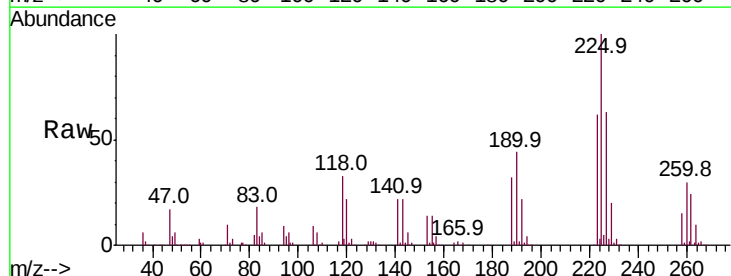
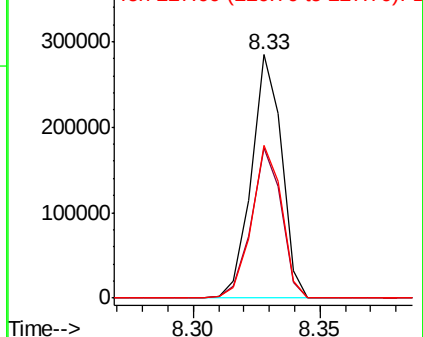
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

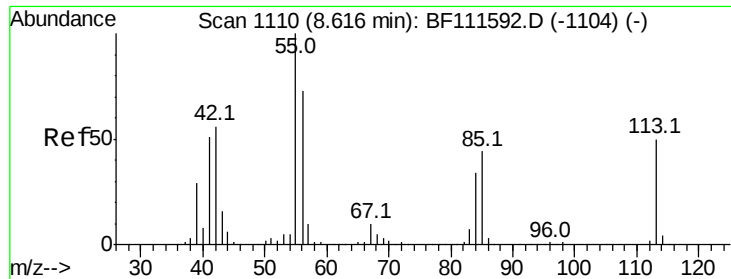


#34
Hexachlorobutadiene
Concen: 44.672 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.00 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	50.7	76.1		
227	62.9	52.6	78.8		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





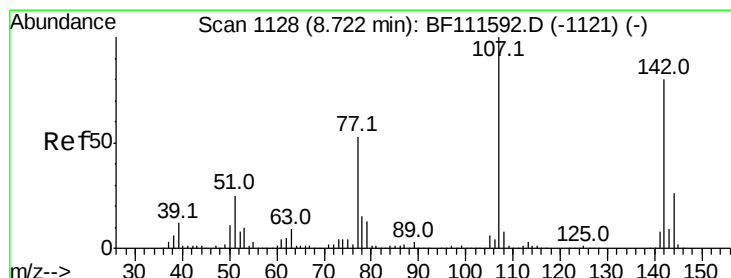
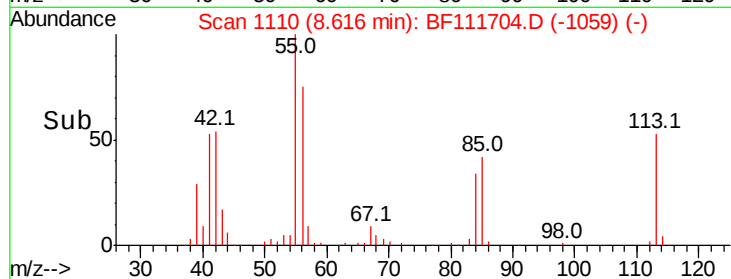
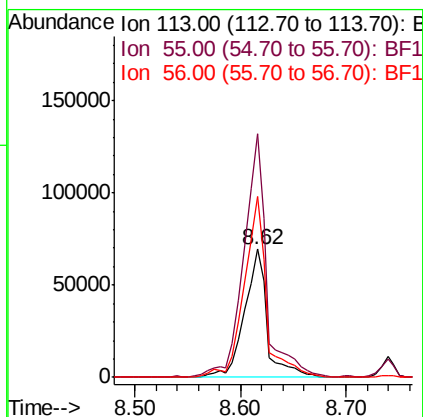
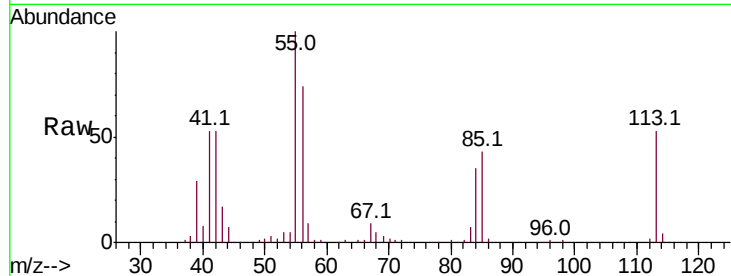
#35
Caprolactam
Concen: 39.065 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	189.8	184.1	224.1
56	141.1	126.0	166.0

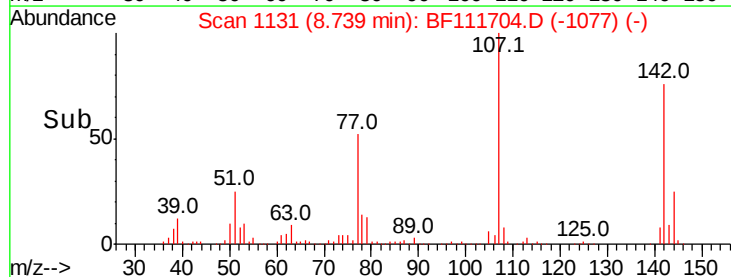
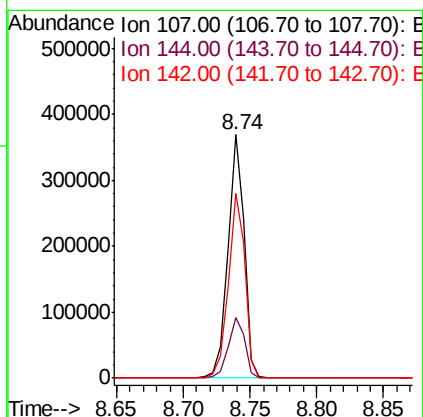
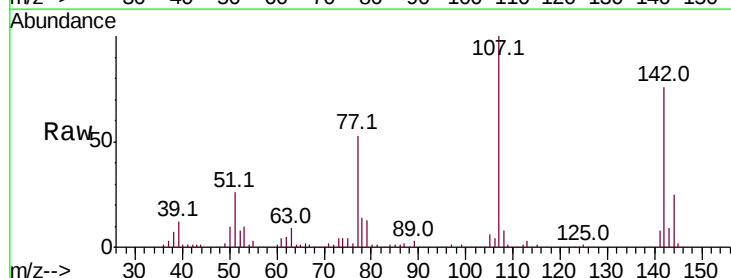
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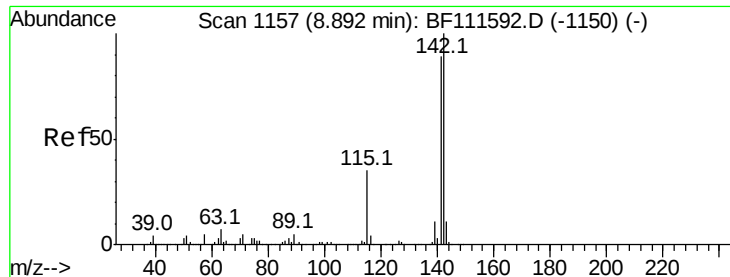
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#36
4-Chloro-3-methylphenol
Concen: 41.455 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.6	19.8	29.6
142	75.9	62.3	93.5





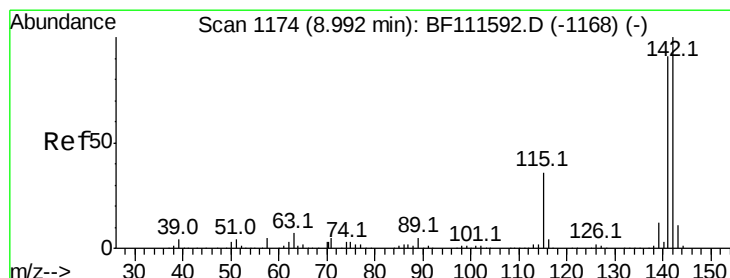
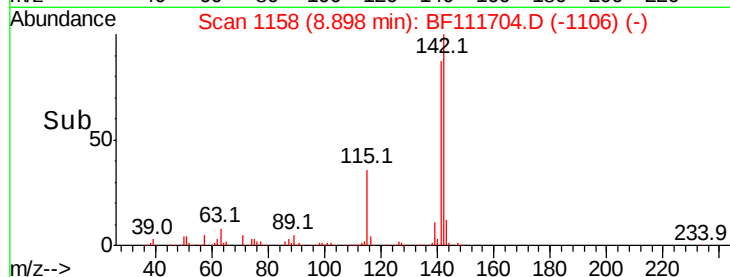
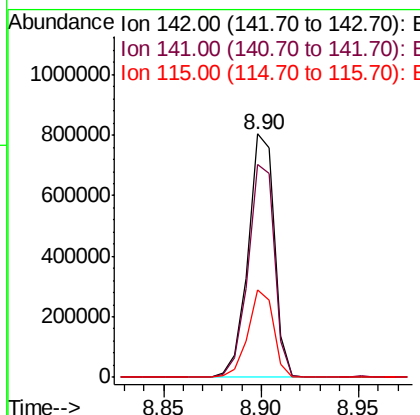
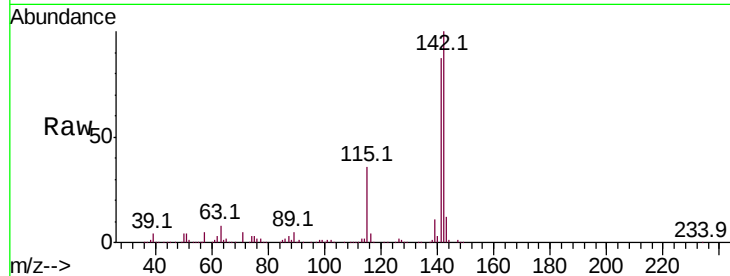
#37
2-Methylnaphthalene
Concen: 47.586 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.6	105.8
115	35.8	27.0	40.6

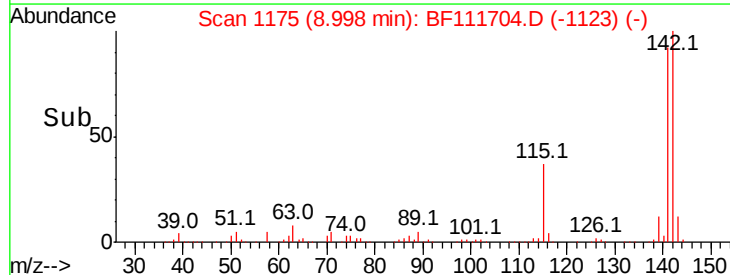
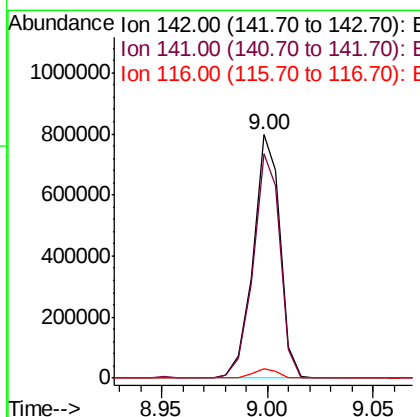
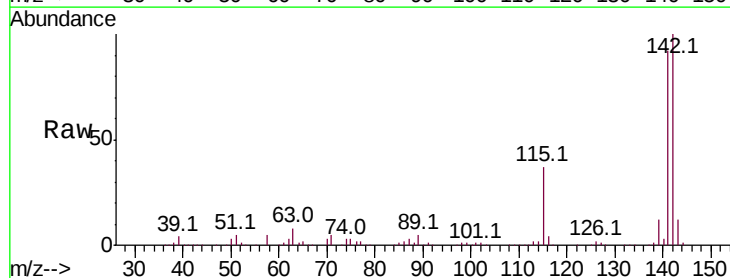
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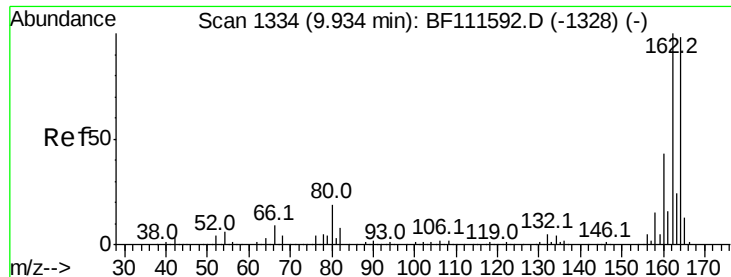
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#38
1-Methylnaphthalene
Concen: 46.663 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	4.0	2.9	4.3





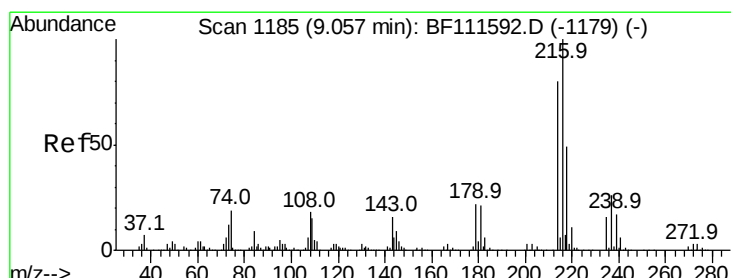
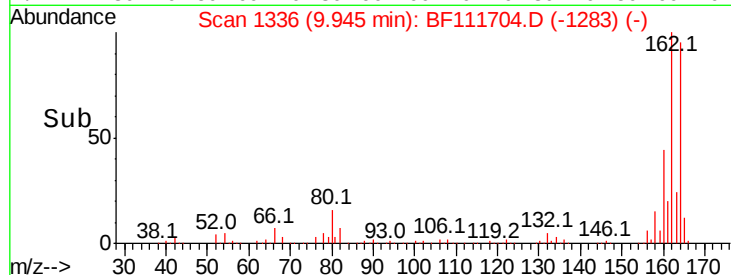
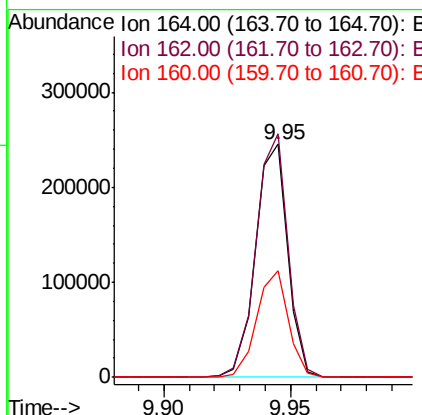
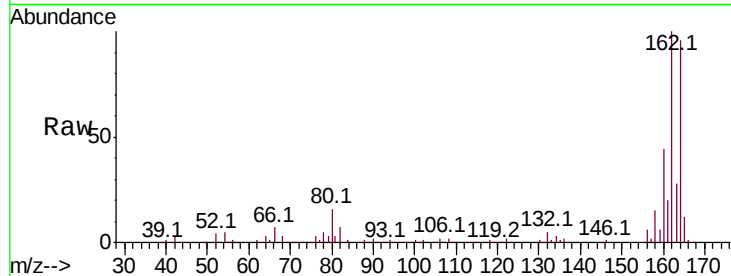
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	81.4	122.0
160	45.9	35.7	53.5

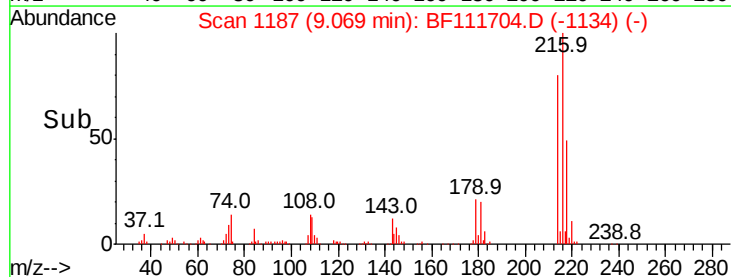
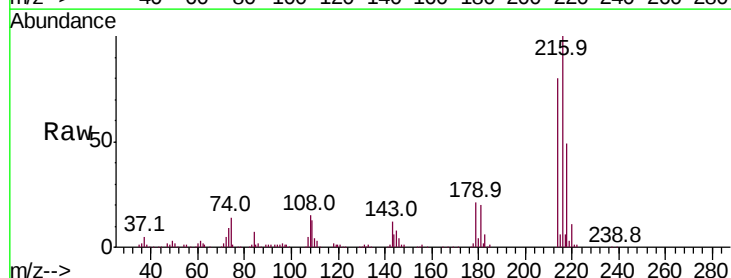
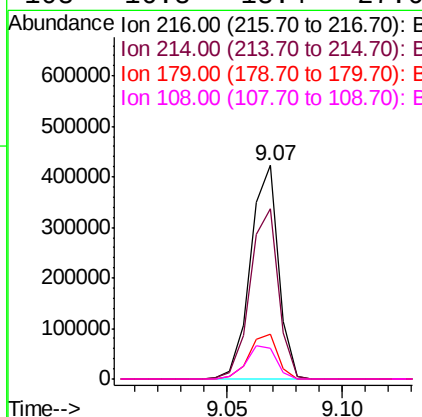
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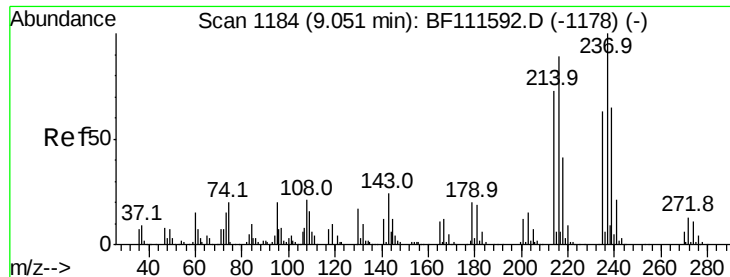
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.297 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.8	95.8
179	21.4	17.9	26.9
108	16.8	18.4	27.6#





#41

Hexachlorocyclopentadiene

Concen: 6.186 ng

RT: 9.06 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

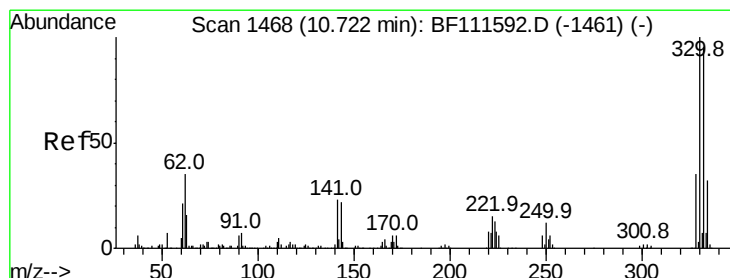
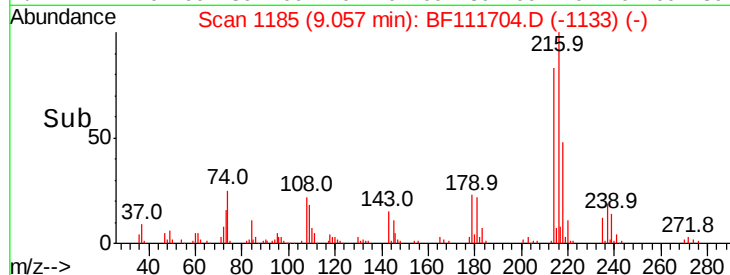
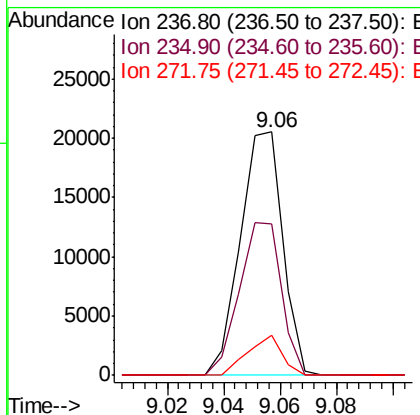
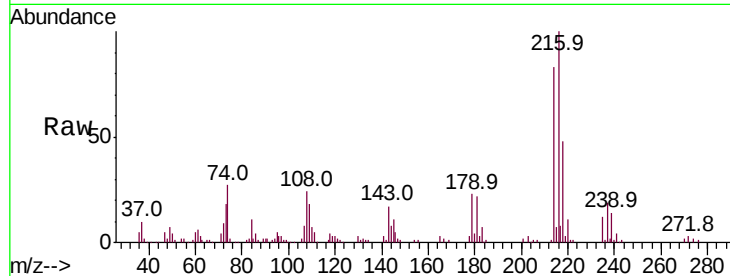
ClientSampleId :

PB115917BS

Tot Ion:	237	Resp:	21428
Ion Ratio	Lower	Upper	
237	100		
235	62.3	43.1	83.1
272	16.4	0.0	33.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 143.685 ng

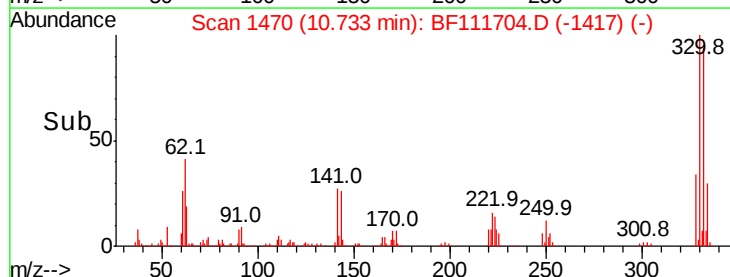
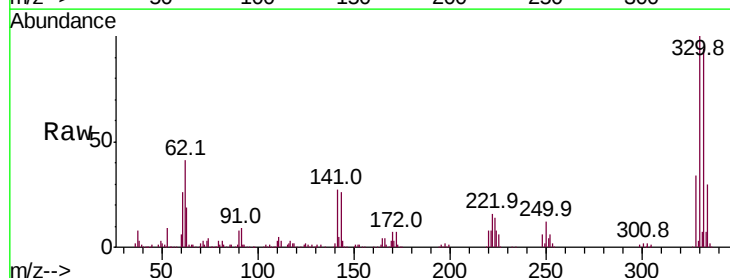
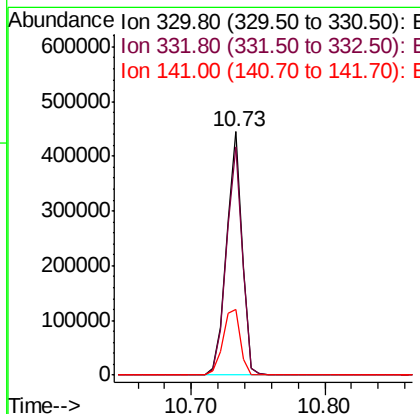
RT: 10.73 min Scan# 1470

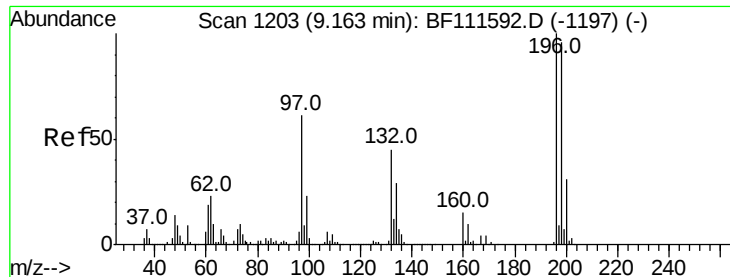
Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Tgt Ion:	330	Resp:	368799
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.0	114.0
141	30.2	31.0	46.6#





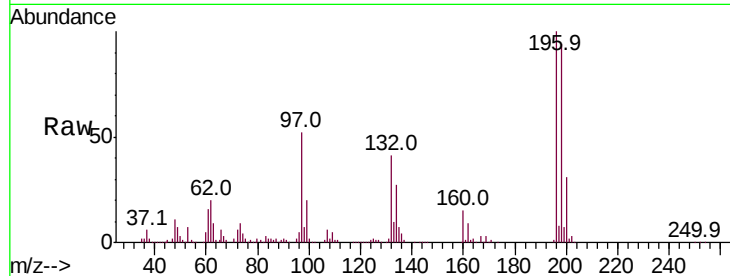
#43
 2,4,6-Trichlorophenol
 Concen: 48.409 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.02 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.0	76.3	114.5
200	30.5	24.9	37.3

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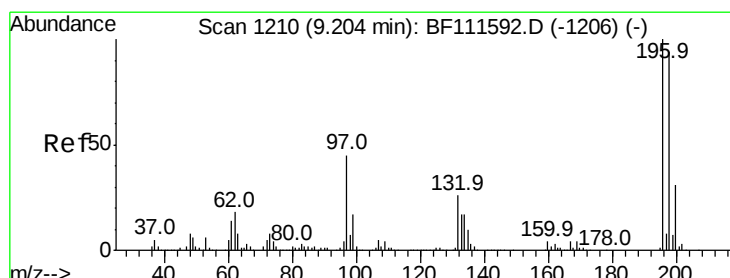
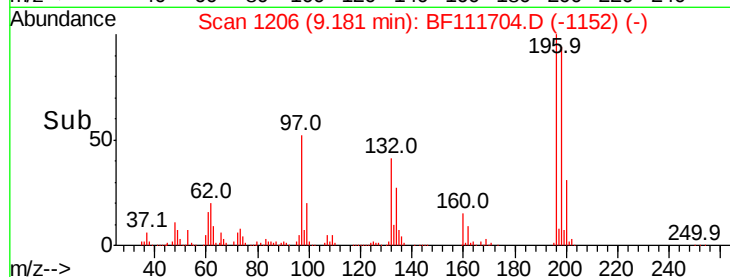
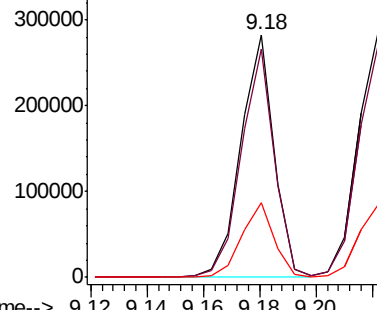


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 47.131 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.02 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	72.9	109.3
97	46.2	45.3	67.9
132	27.2	25.5	38.3

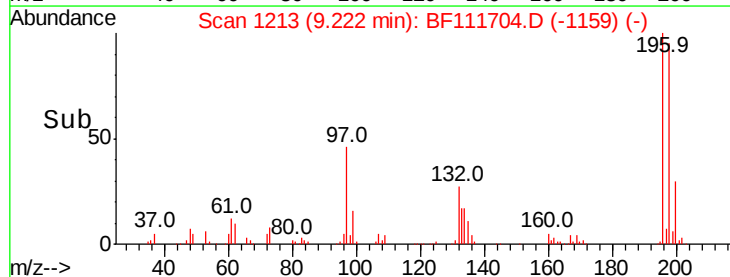
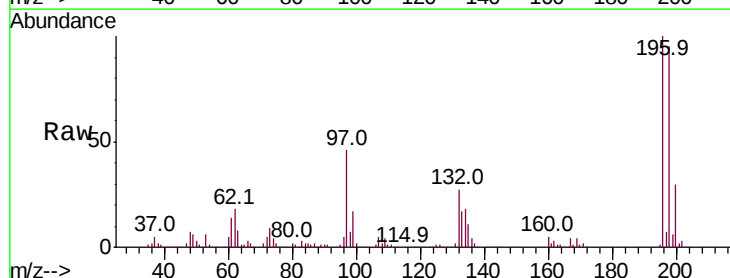
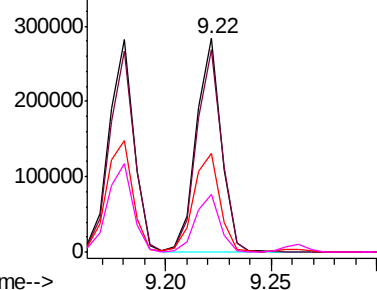
Abundance

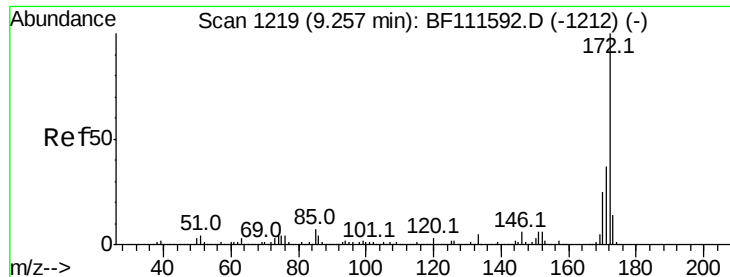
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





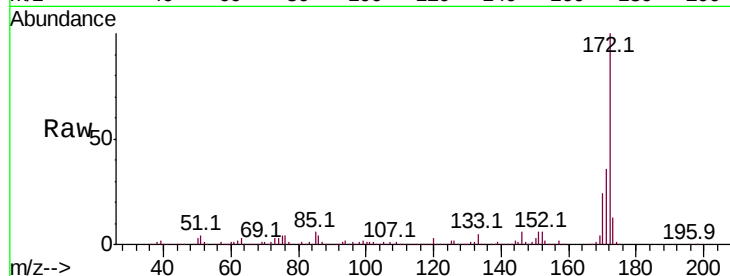
#45
2-Fluorobiphenyl
Concen: 107.225 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	33.0	49.4
170	24.5	22.3	33.5

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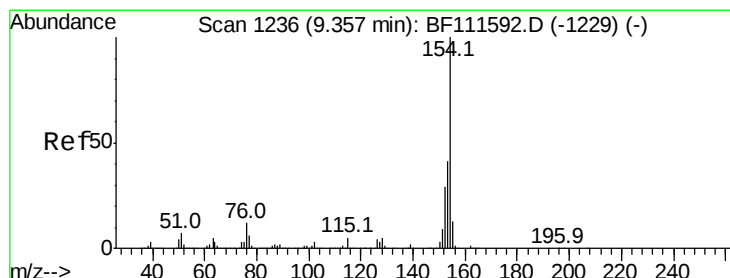
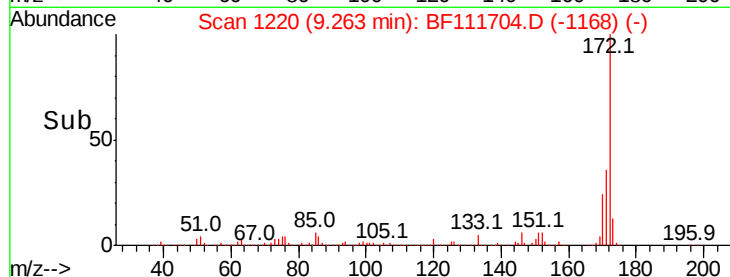
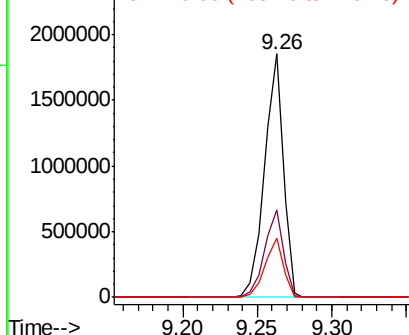


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 49.159 ng
RT: 9.36 min Scan# 1237
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

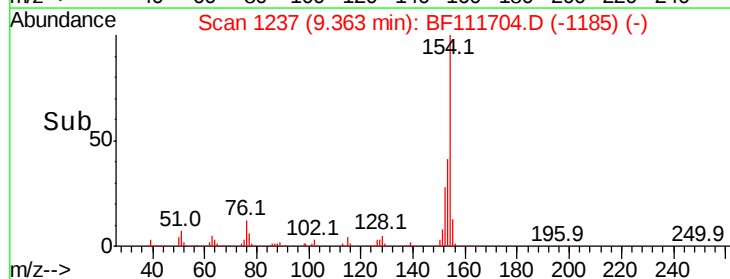
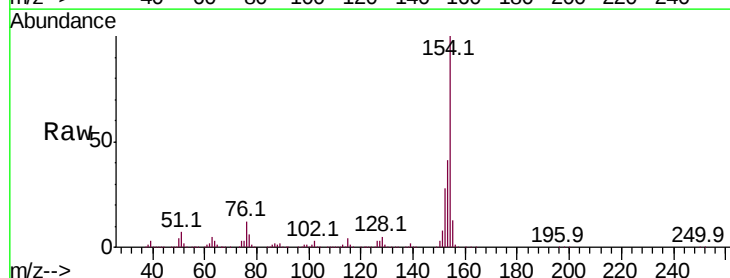
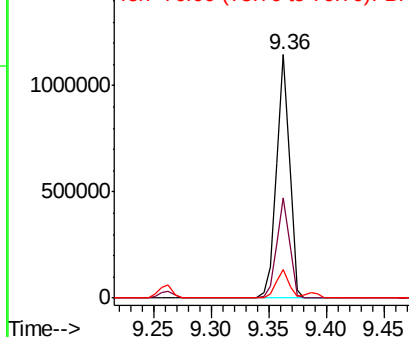
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	23.7	63.7
76	11.7	0.0	35.0

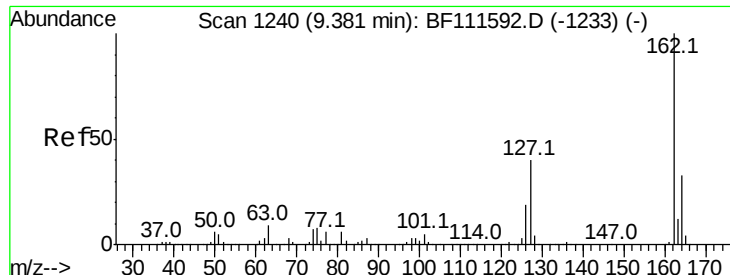
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





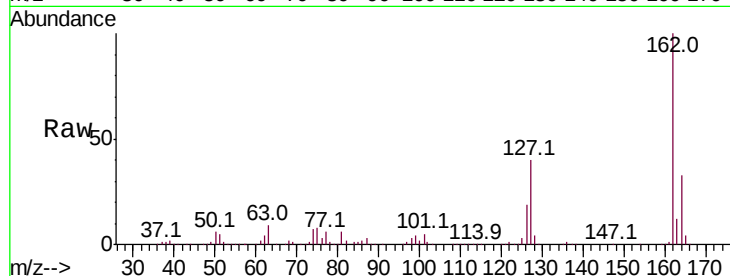
#47
2-Chloronaphthalene
Concen: 47.047 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	683525		
127	40.1	35.0	52.4	
164	33.3	28.4	42.6	

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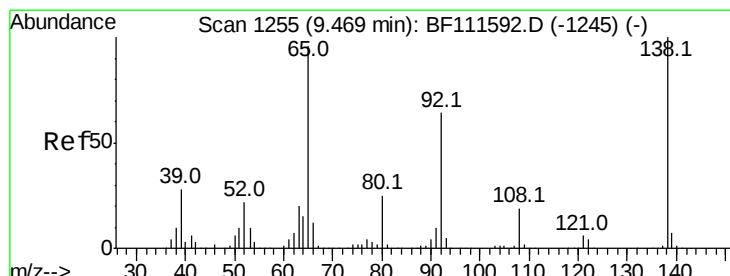
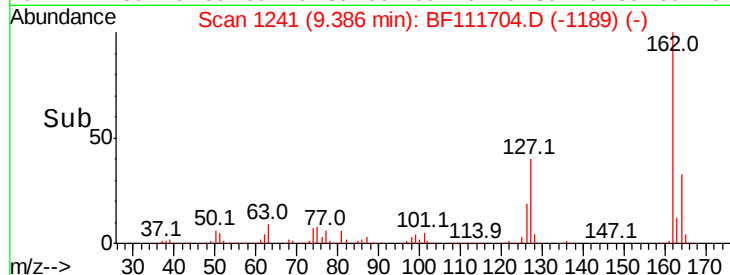
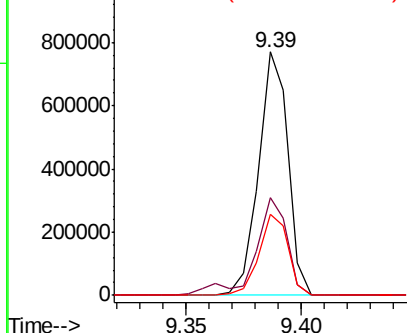


Abundance

Ion 162.00 (161.70 to 162.70): E

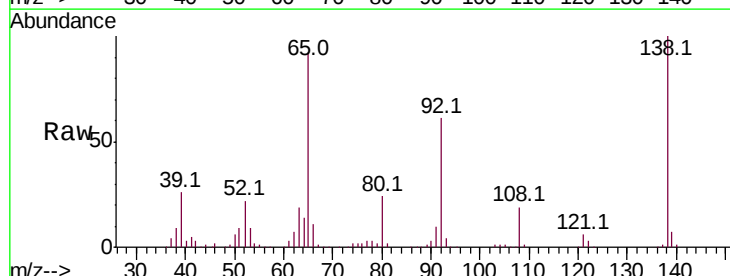
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 57.650 ng
RT: 9.48 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	217894		
92	67.1	53.5	80.3	
138	109.2	80.9	121.3	

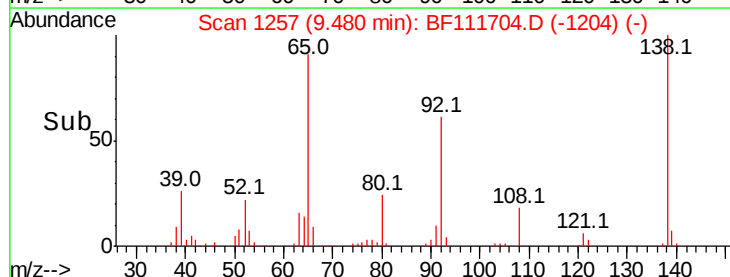
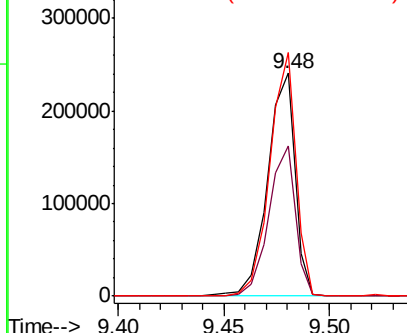


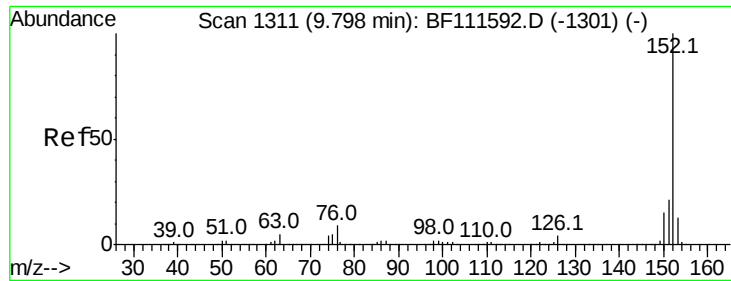
Abundance

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: 50.062 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

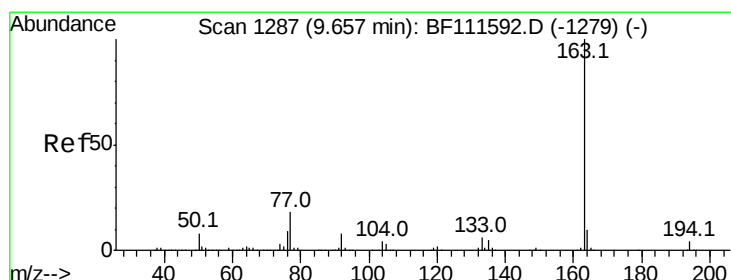
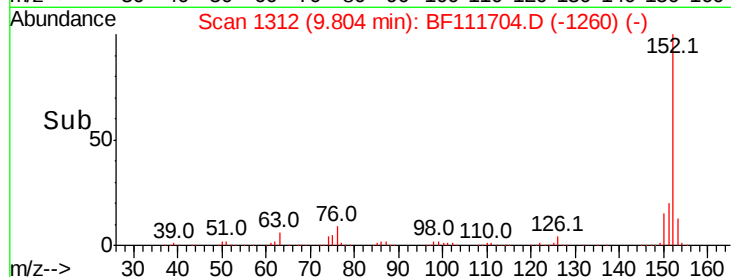
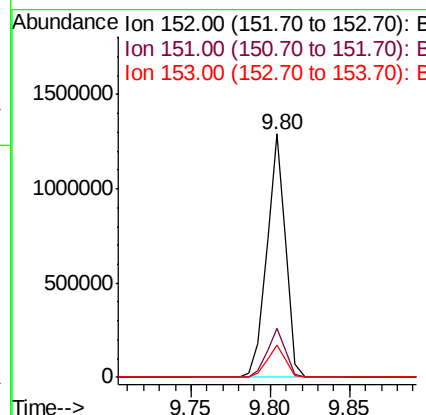
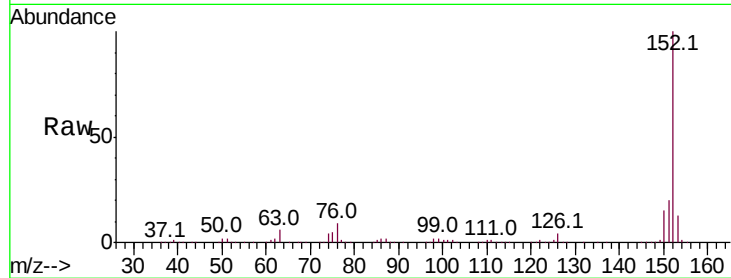
ClientSampleId :

PB115917BS

Tot Ion:	152	Resp:	1061932
Ion Ratio	Lower	Upper	
152	100		
151	20.0	18.0	27.0
153	13.4	12.3	18.5

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#50

Dimethylphthalate

Concen: 51.681 ng

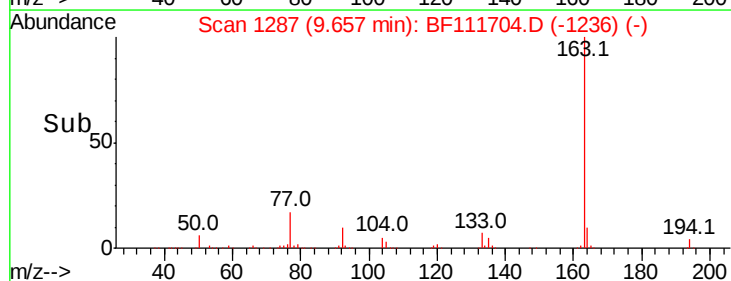
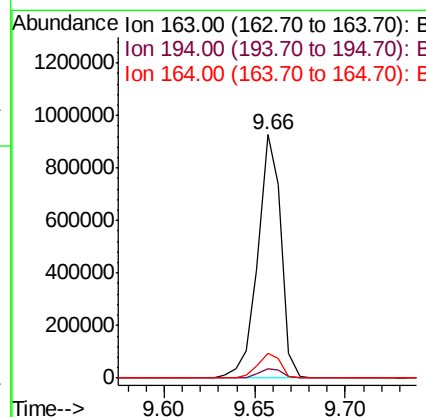
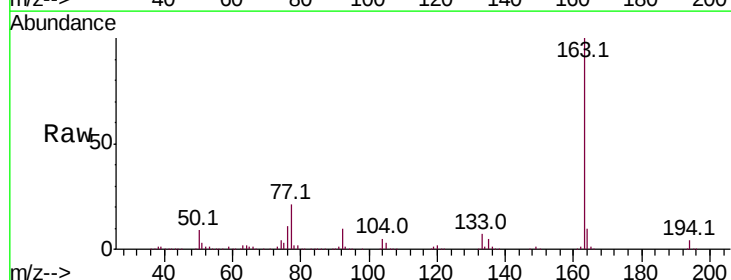
RT: 9.66 min Scan# 1287

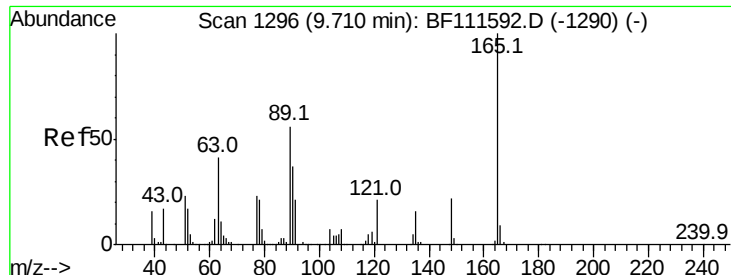
Delta R.T. -0.00 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Tgt Ion:	163	Resp:	820961
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.0	4.6
164	10.2	8.9	13.3





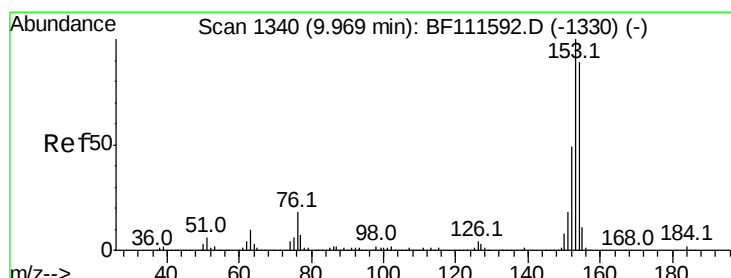
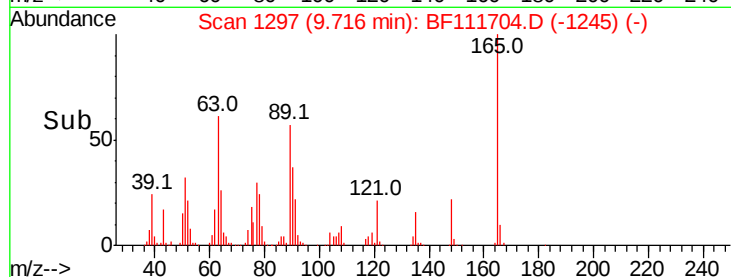
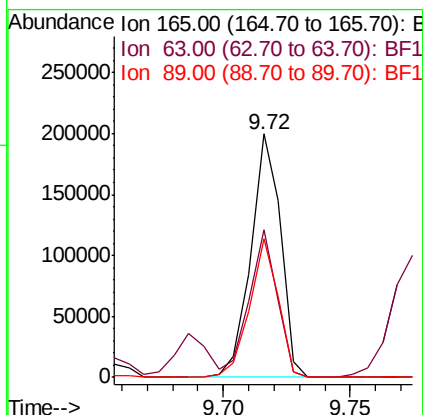
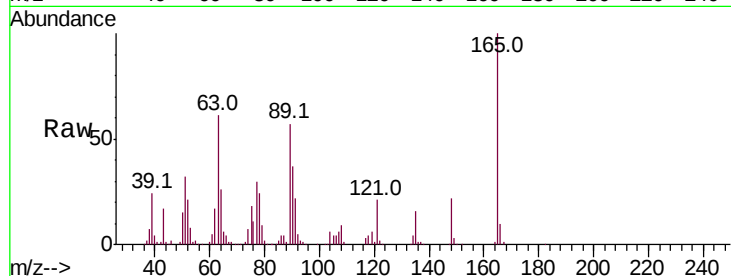
#51
2,6-Dinitrotoluene
Concen: 51.592 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	163418		
63	60.8	40.5	60.7#	
89	56.7	40.0	60.0	

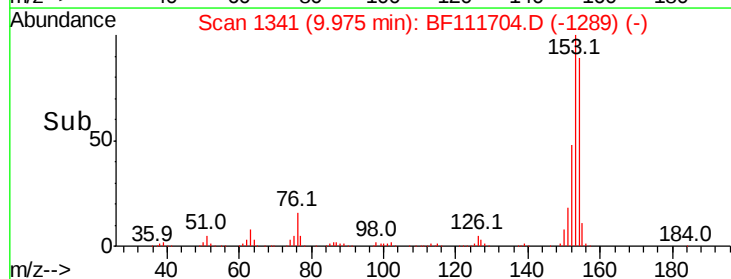
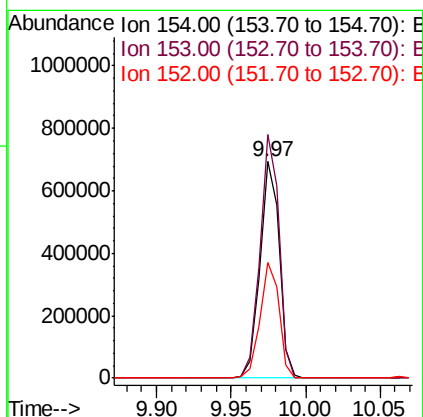
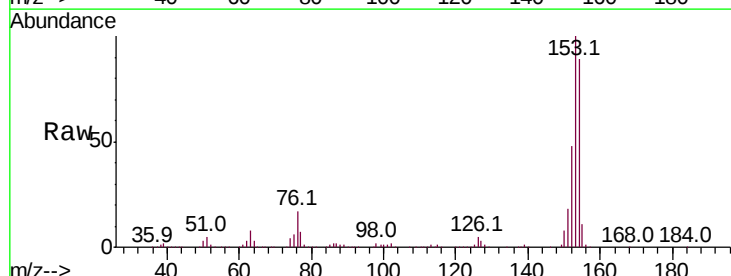
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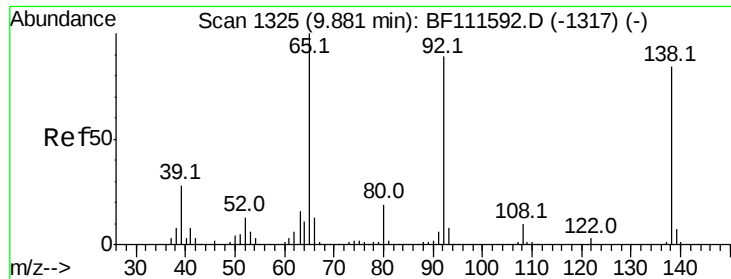
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#52
Acenaphthene
Concen: 46.683 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	610756		
153	112.7	87.8	131.8	
152	53.5	43.4	65.2	





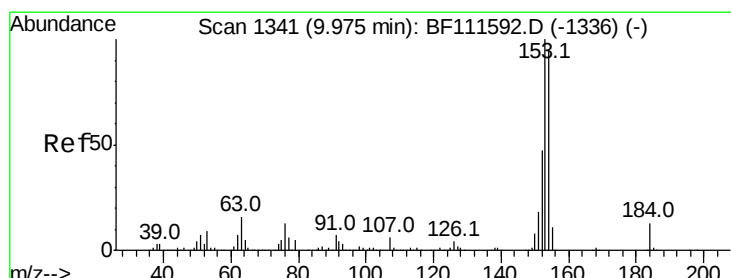
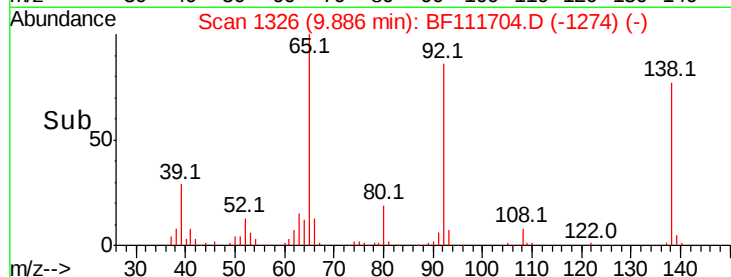
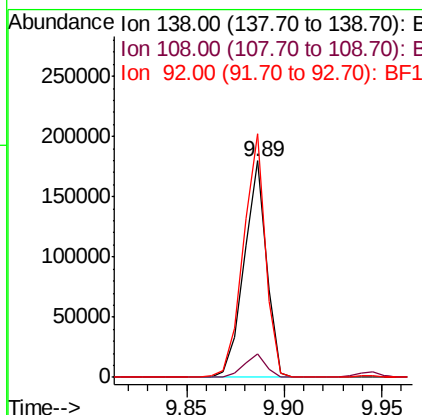
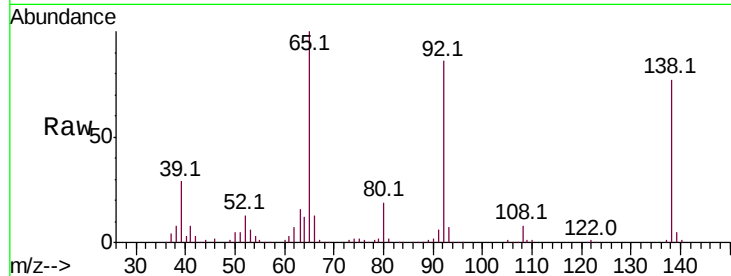
#53
 3-Nitroaniline
 Concen: 42.363 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.2	12.4
92	112.5	93.4	140.2

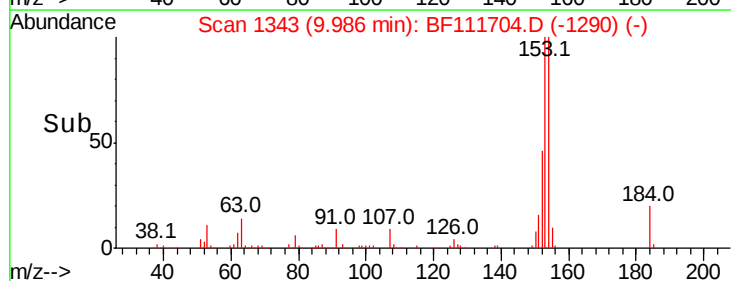
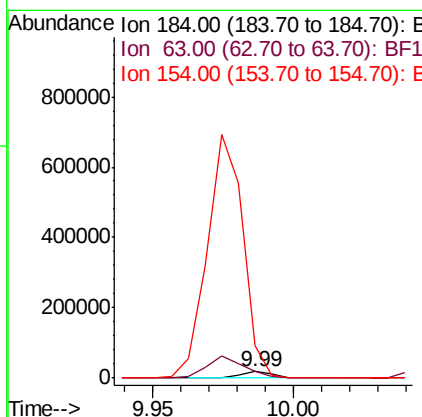
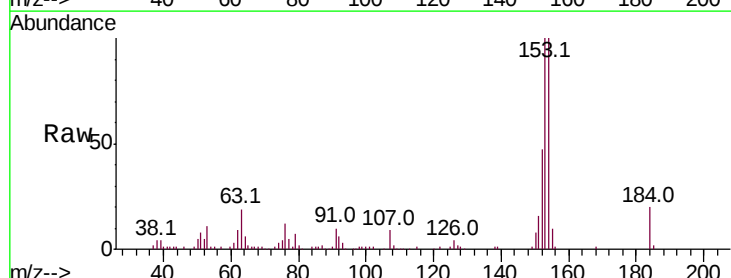
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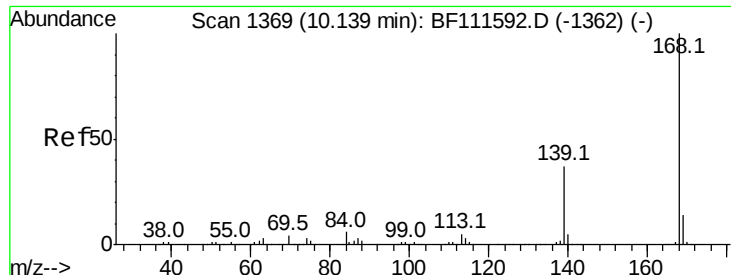
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#54
 2,4-Dinitrophenol
 Concen: 19.944 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	99.2	62.3	93.5#
154	507.5	56.2	84.2#





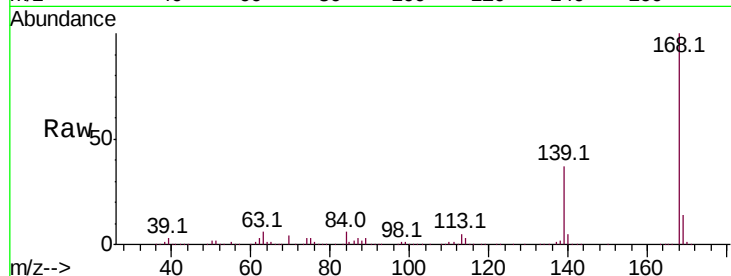
#55
Dibenzofuran
Concen: 46.978 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

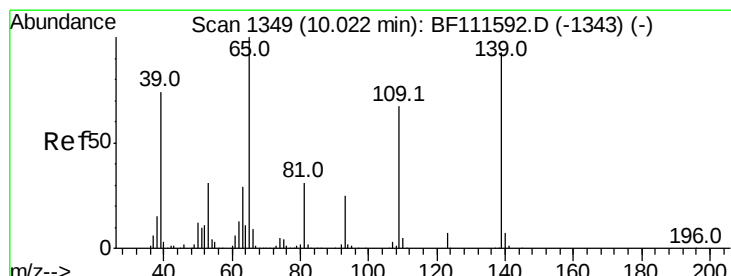
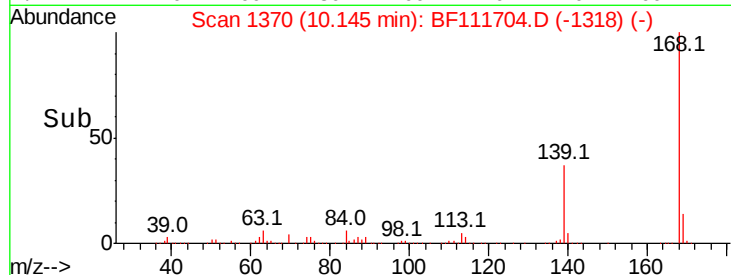
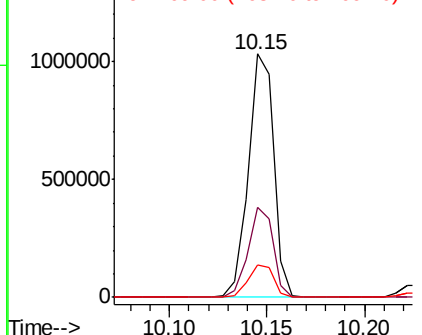
Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.0	32.6	49.0	
169	13.6	11.8	17.6	

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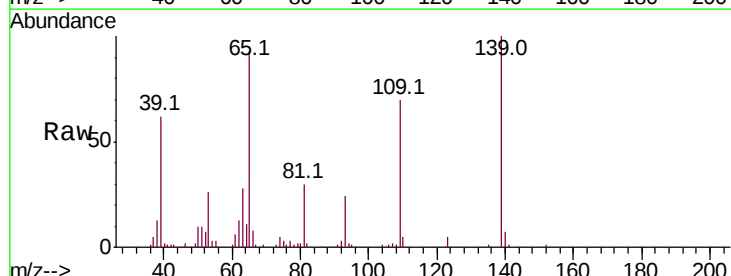


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

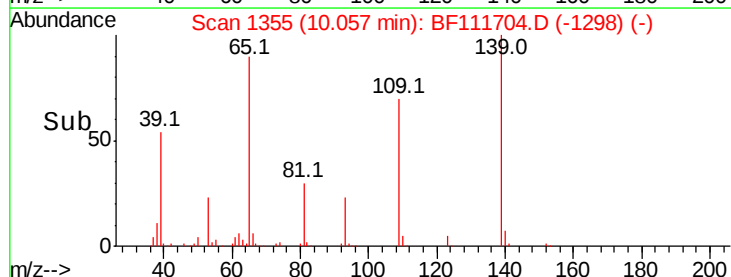
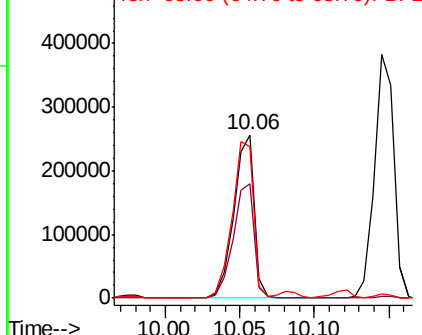


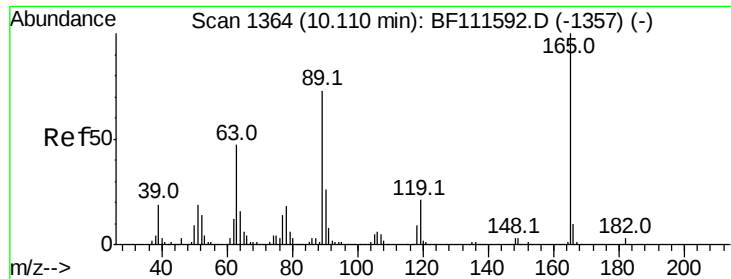
#56
4-Nitrophenol
Concen: 95.501 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.04 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.2	41.8	81.8	
65	92.6	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





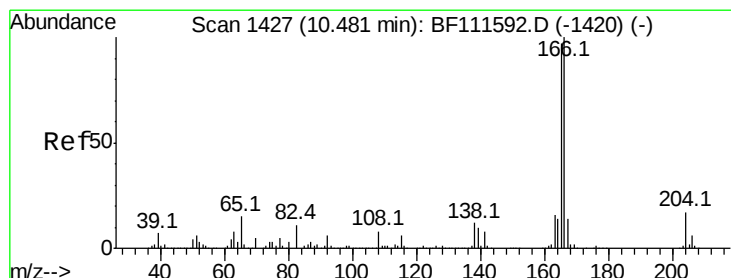
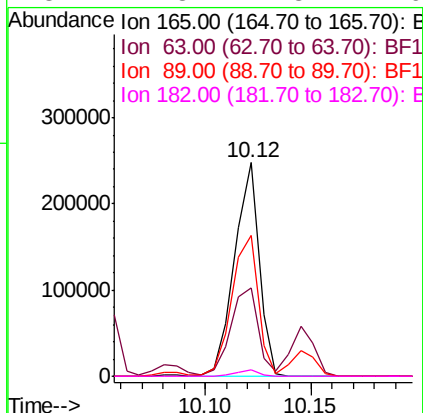
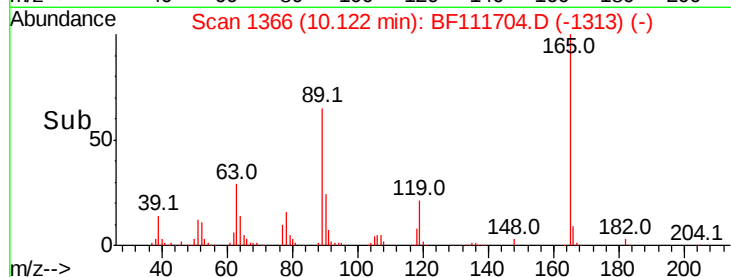
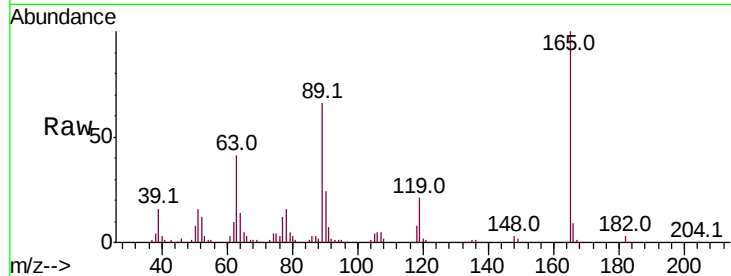
#57
2,4-Dinitrotoluene
Concen: 52.578 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	41.3	34.6	52.0
89	65.7	56.2	84.4
182	2.8	1.8	2.6

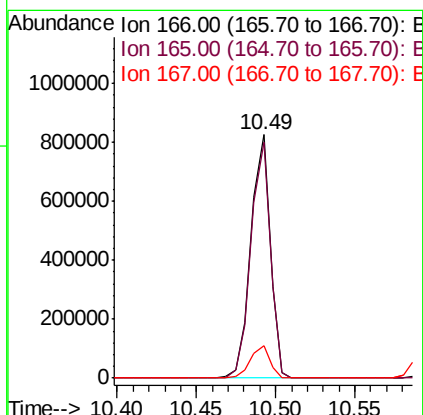
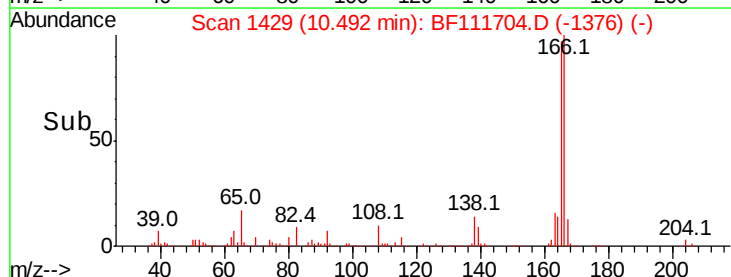
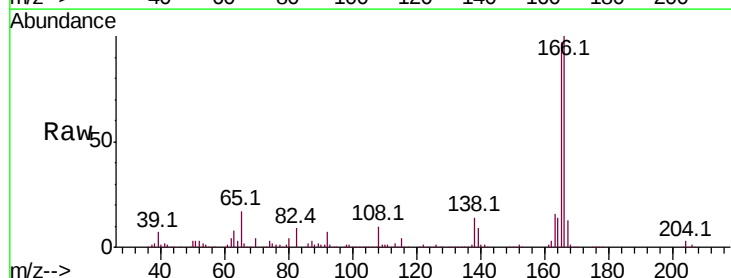
Manual Integrations
APPROVED

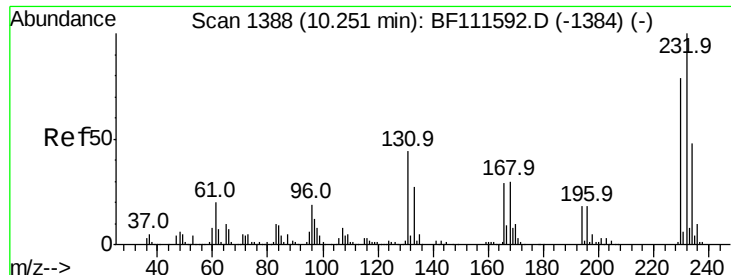
Sohil
12/26/2018 3:11:00 PM



#58
Fluorene
Concen: 49.281 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	96.8	78.4	117.6
167	13.1	11.2	16.8





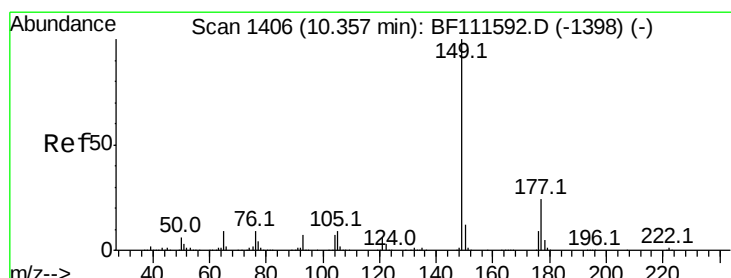
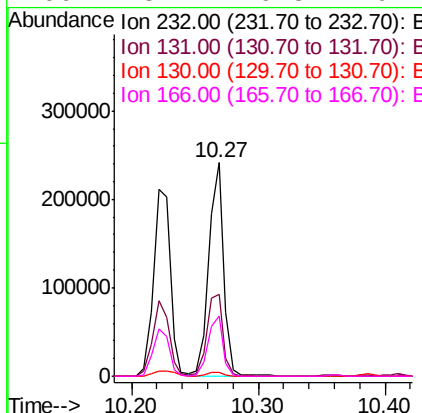
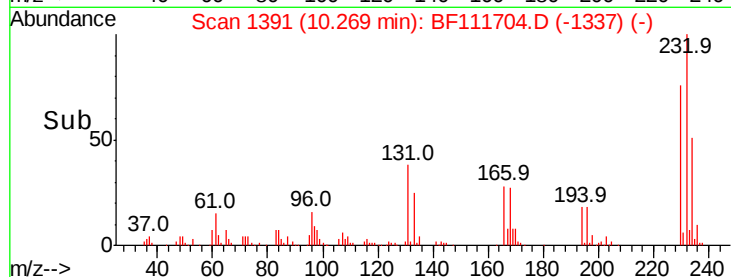
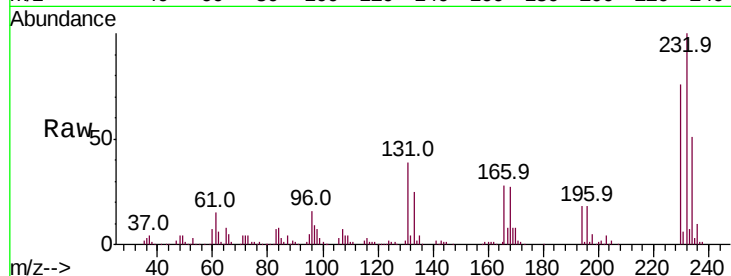
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.772 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	200674		
131	41.9		40.9	61.3
130	2.2		2.0	3.0
166	28.2		26.8	40.2

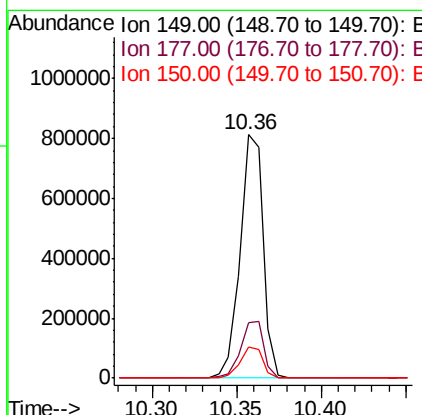
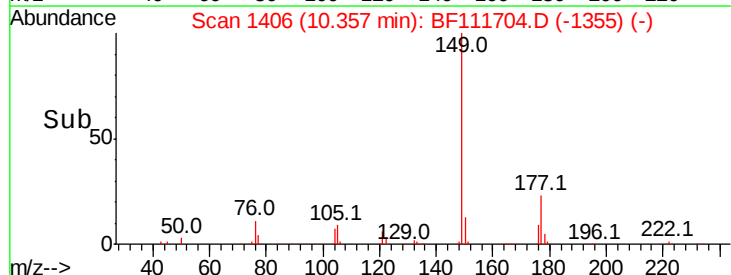
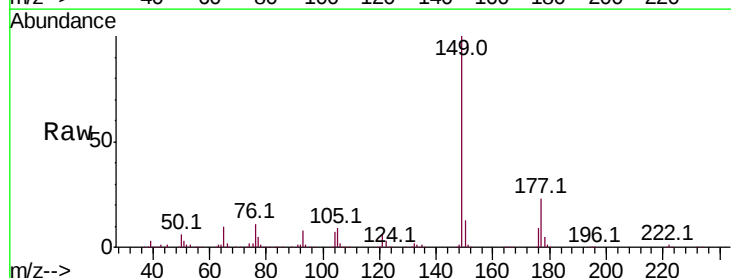
Manual Integrations
APPROVED

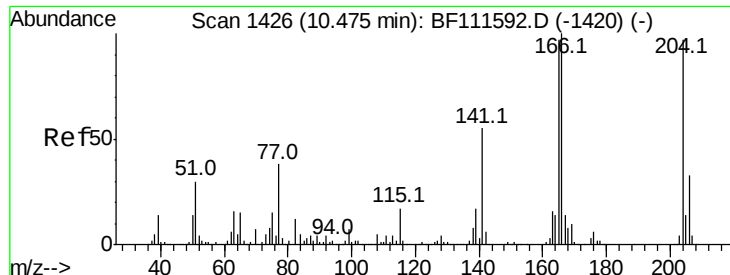
Sohil
12/26/2018 3:11:00 PM



#60
Diethylphthalate
Concen: 49.391 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	769634		
177	22.7		18.3	27.5
150	12.8		10.6	15.8





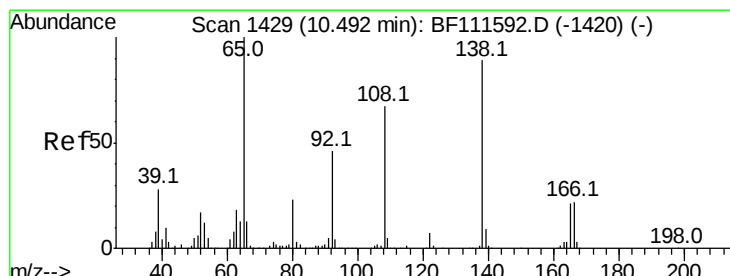
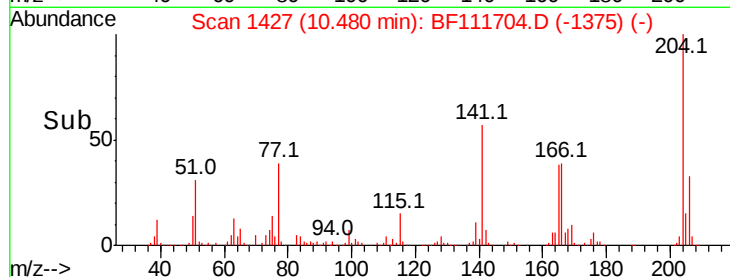
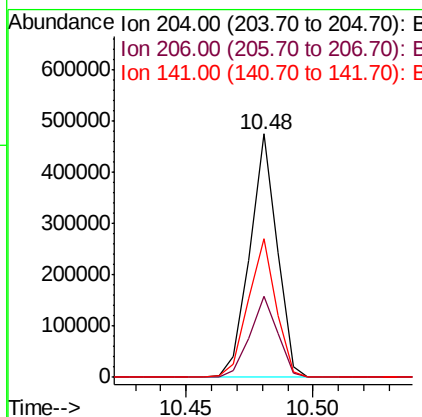
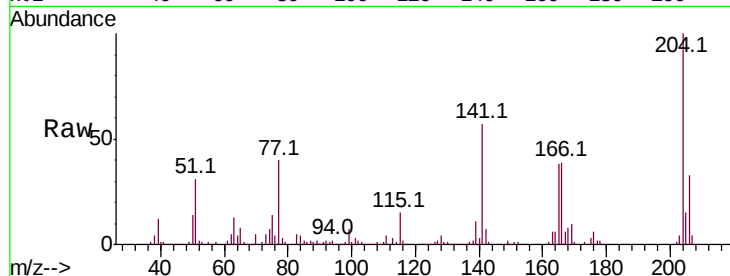
#61
 4-Chlorophenyl-phenylether
 Concen: 45.427 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Instrument :
 BNA_F
 ClientSampleID :
 PB115917BS

Tot Ion:	204	Resp:	357466
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.6	39.8
141	57.0	52.6	78.8

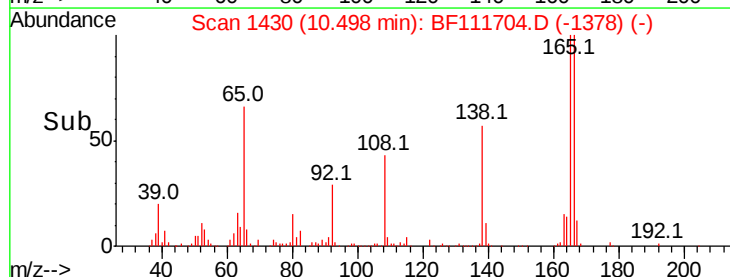
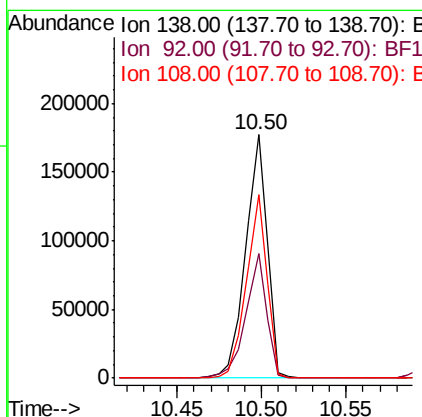
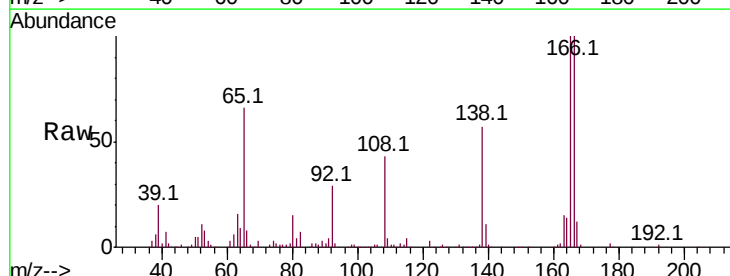
Manual Integrations
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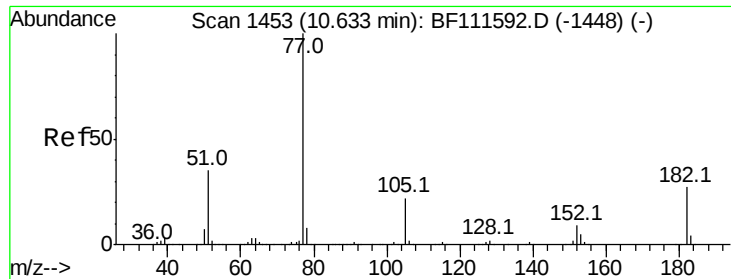
Sohil
 12/26/2018 3:11:00 PM



#62
 4-Nitroaniline
 Concen: 48.827 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion:	138	Resp:	160312
Ion Ratio	Lower	Upper	
138	100		
92	50.9	29.9	69.9
108	75.4	43.2	83.2





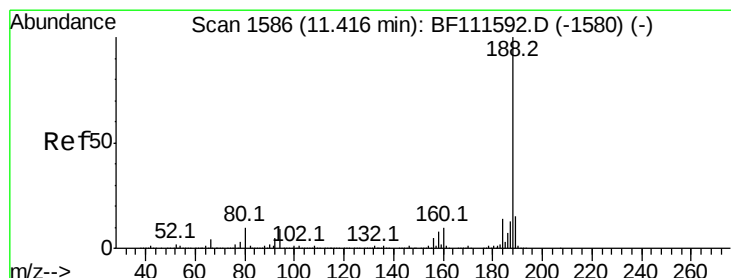
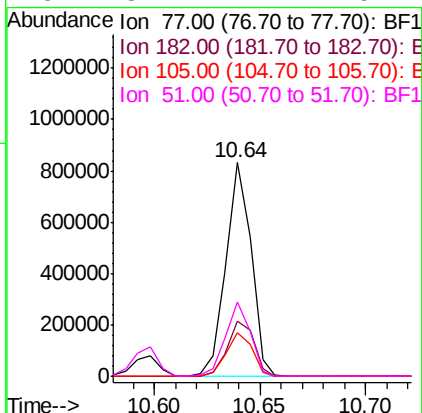
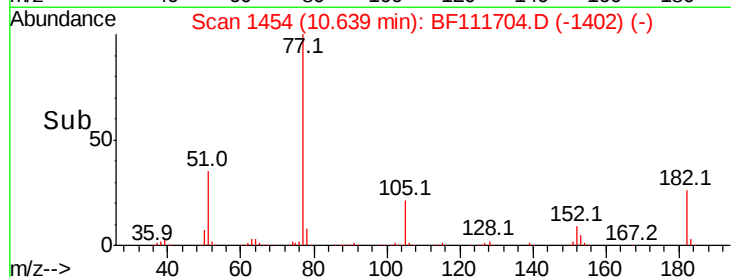
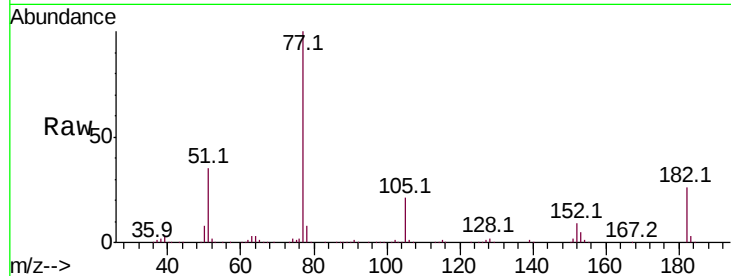
#63
Azobenzene
Concen: 43.471 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.9	4.9	44.9
105	20.7	6.0	46.0
51	34.7	14.7	54.7

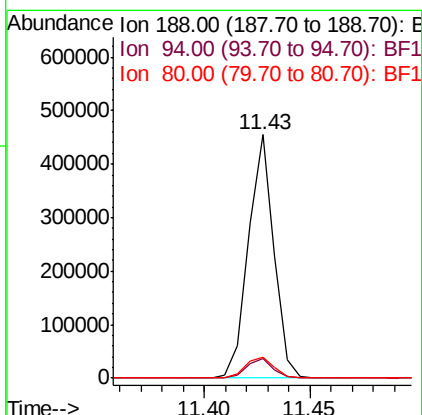
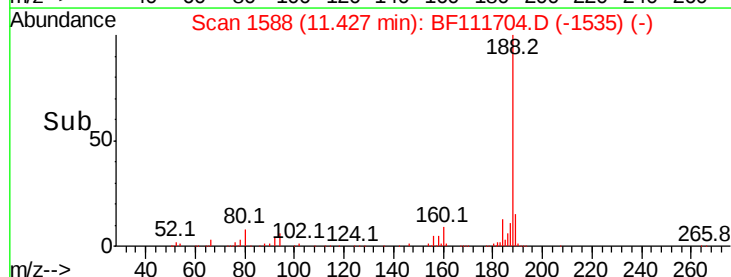
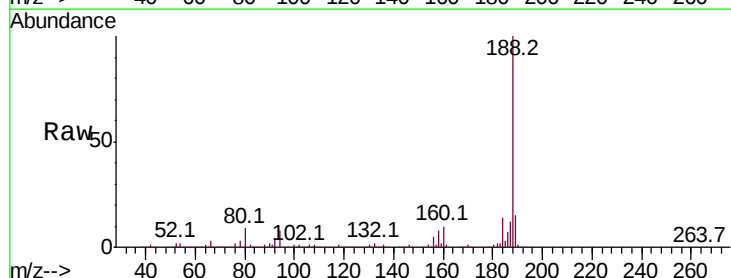
Manual Integrations
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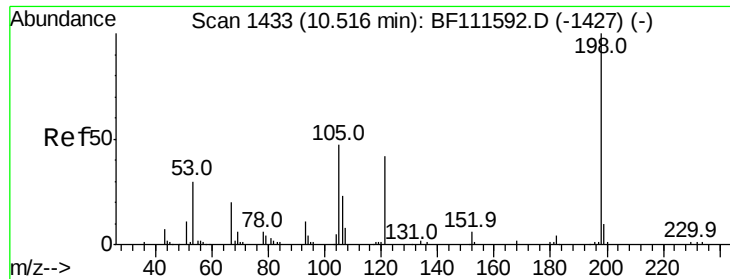
Sohil
12/26/2018 3:11:00 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.6	14.4#
80	8.7	9.8	14.6#





#65

4,6-Dinitro-2-methylphenol

Concen: 14.263 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

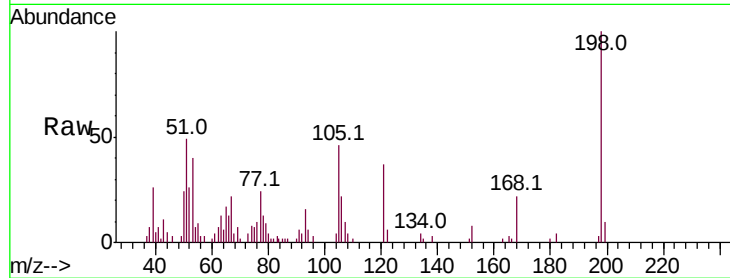
ClientSampled :

PB115917BS

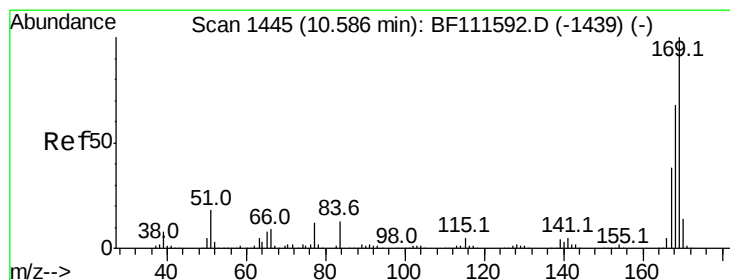
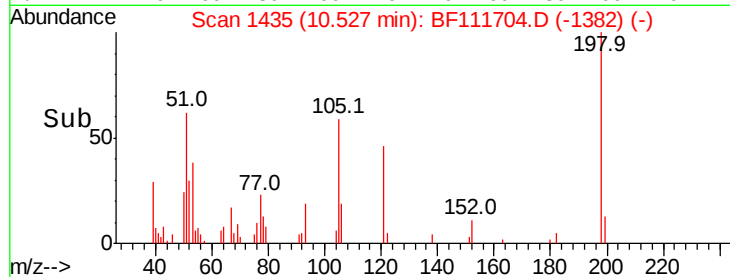
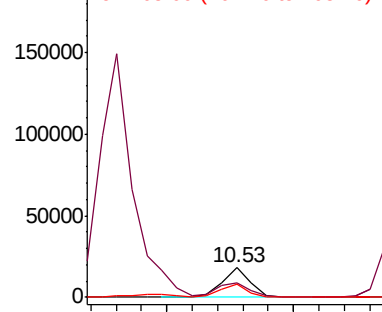
Tot Ion:	198	Resp:	13828
Ion Ratio	Lower	Upper	
198	100		
51	49.3	48.0	88.0
105	45.8	34.0	74.0

Manual Integrations
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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: 48.453 ng

RT: 10.60 min Scan# 1447

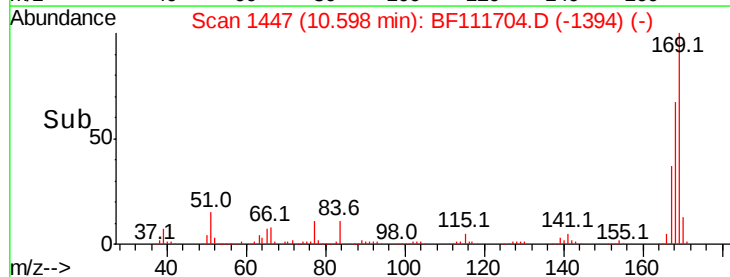
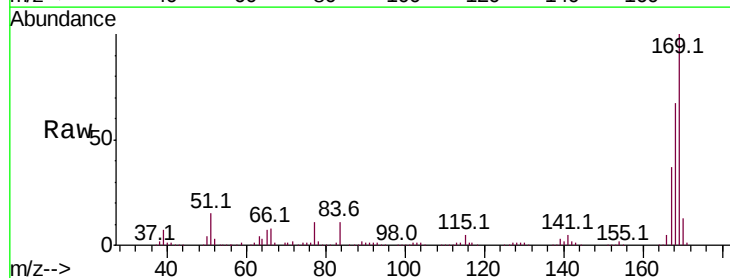
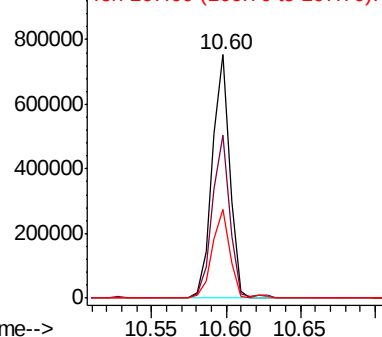
Delta R.T. 0.01 min

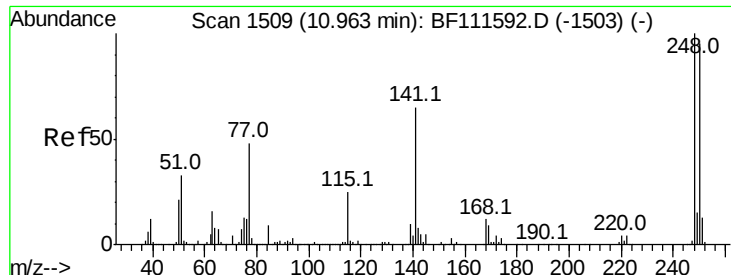
Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Tgt Ion:	169	Resp:	618656
Ion Ratio	Lower	Upper	
169	100		
168	66.8	54.4	81.6
167	36.7	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





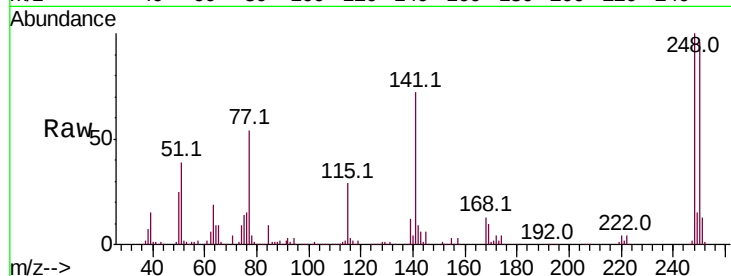
#67
4-Bromophenyl-phenylether
Concen: 46.943 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.0	115.4
141	72.4	63.0	94.6

Manual Integrations
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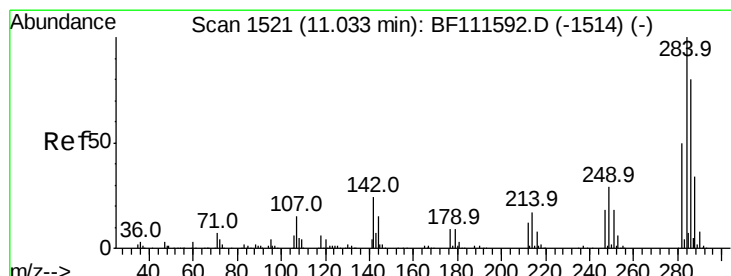
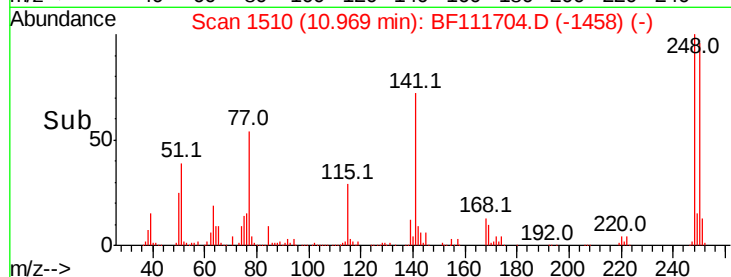
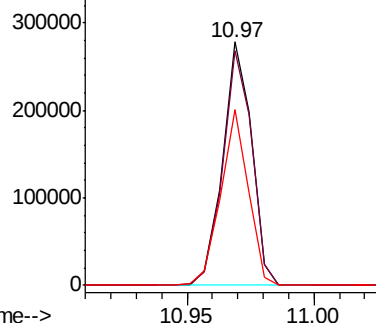


Abundance

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: 47.284 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

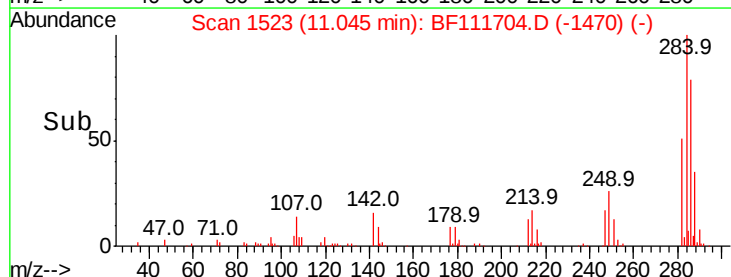
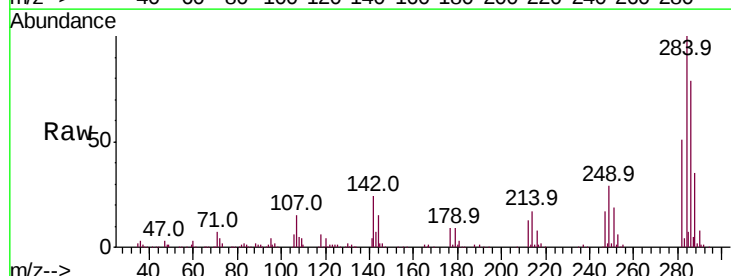
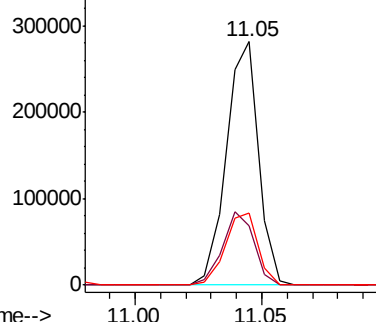
Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.3	27.4	41.2#
249	29.4	24.4	36.6

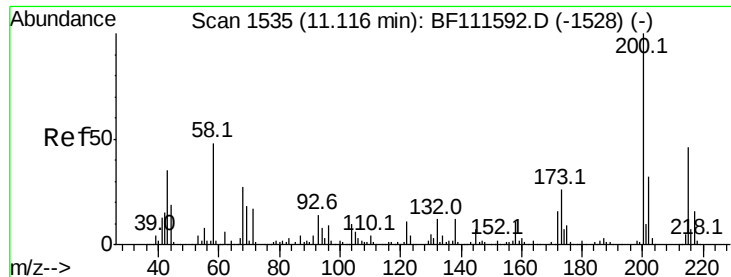
Abundance

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





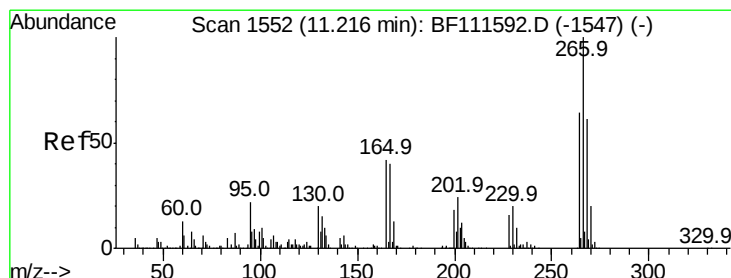
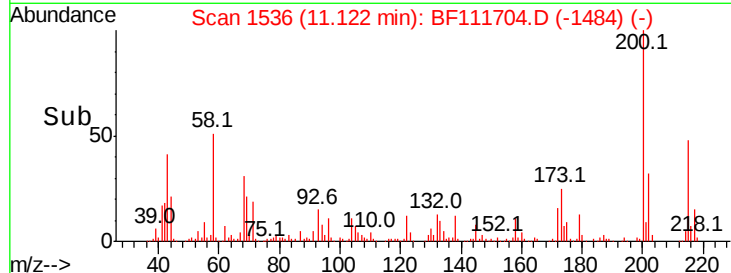
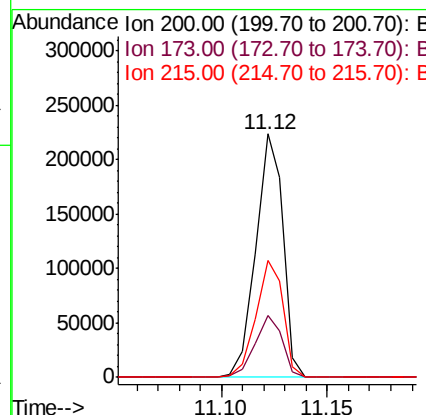
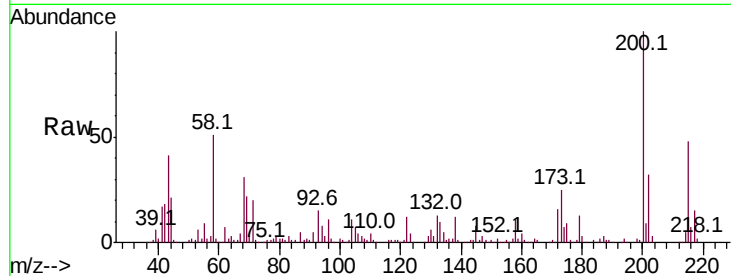
#69
Atrazine
Concen: 45.040 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	199782		
173	25.5	10.1	50.1	
215	47.9	26.9	66.9	

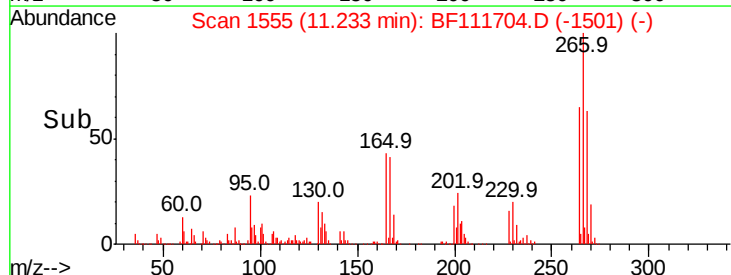
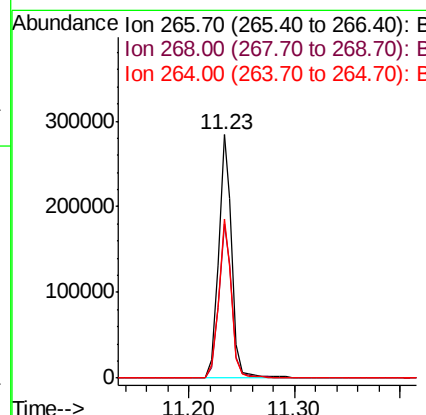
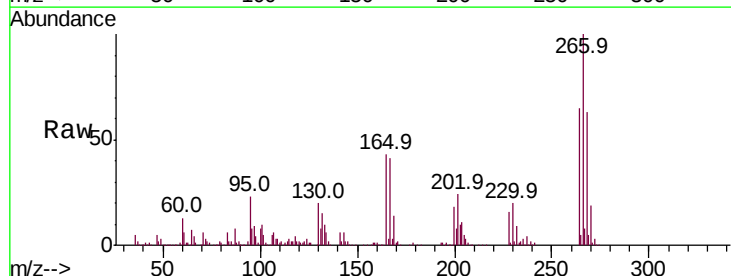
Manual Integrations
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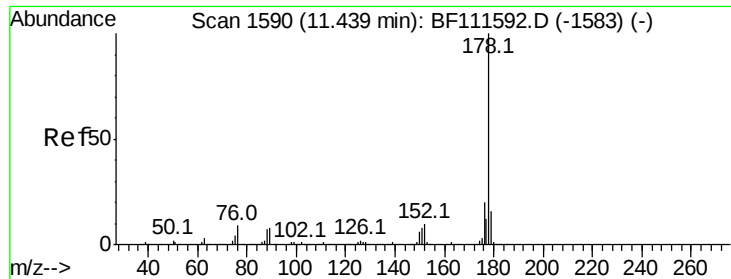
Sohil
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#70
Pentachlorophenol
Concen: 77.795 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	252983		
268	63.0	47.9	71.9	
264	65.3	49.1	73.7	





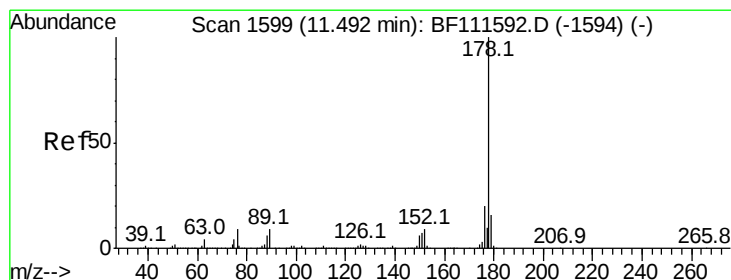
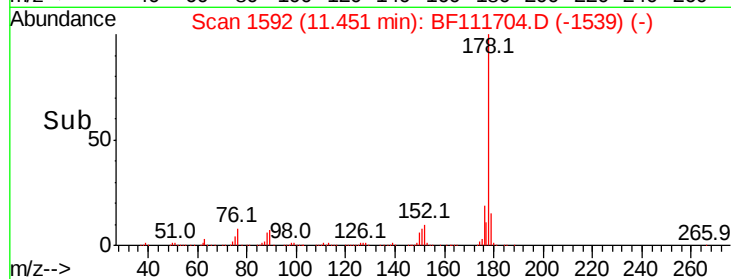
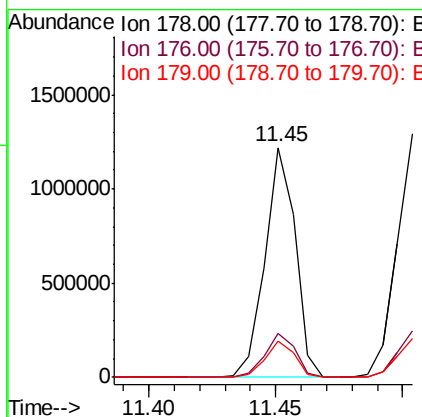
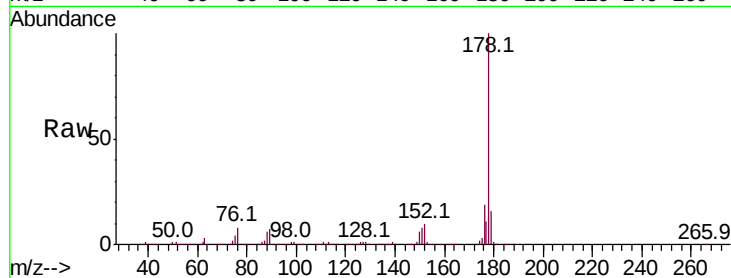
#71
Phenanthrene
Concen: 50.906 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion:178 Resp: 1026879
Ion Ratio Lower Upper
178 100
176 19.4 18.1 27.1
179 15.5 14.0 21.0

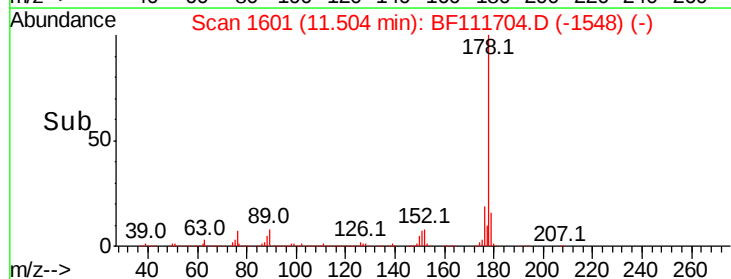
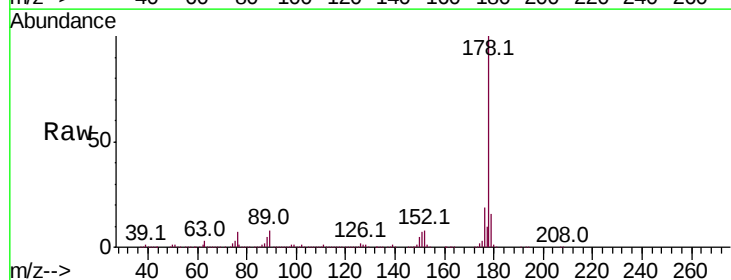
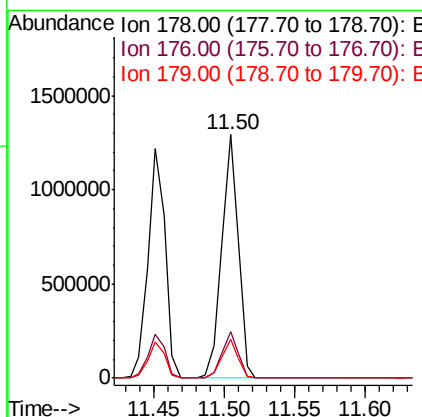
Manual Integrations
APPROVED

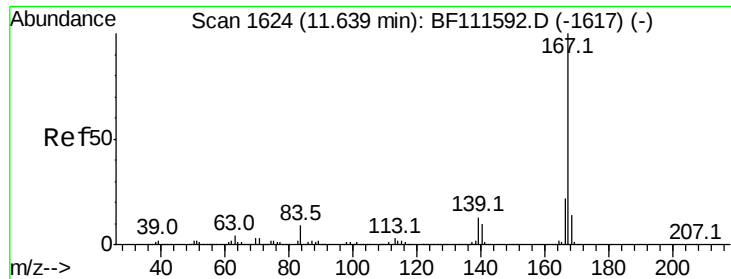
Sohil
12/26/2018 3:11:00 PM



#72
Anthracene
Concen: 52.107 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion:178 Resp: 1055028
Ion Ratio Lower Upper
178 100
176 18.9 17.2 25.8
179 15.8 13.8 20.8





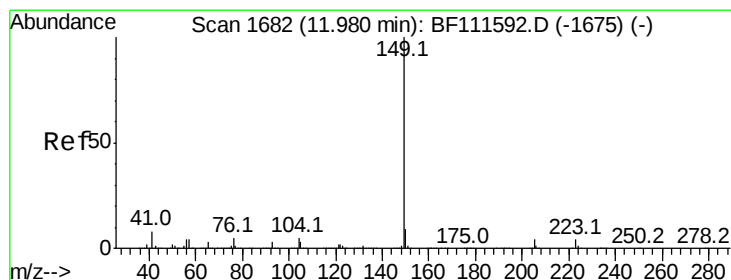
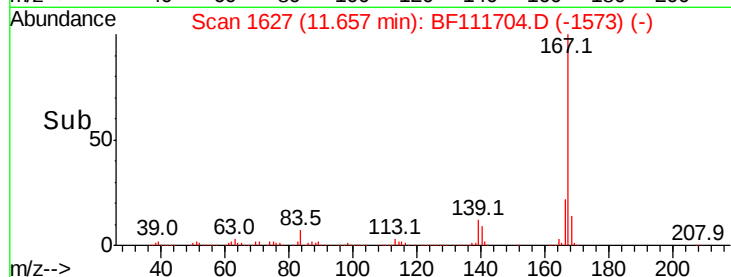
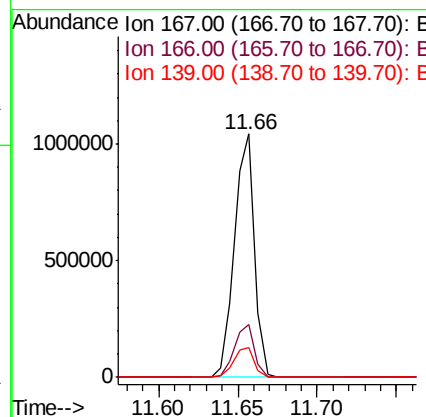
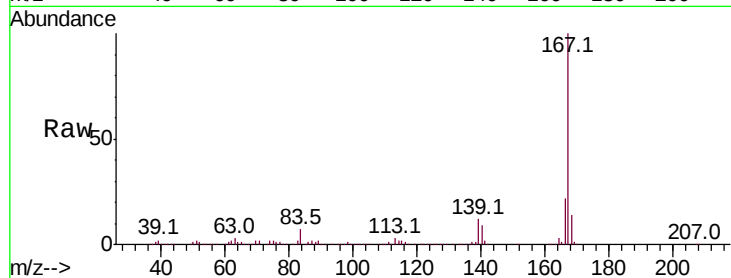
#73
 Carbazole
 Concen: 46.470 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.02 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	19.3	28.9
139	12.0	11.9	17.9

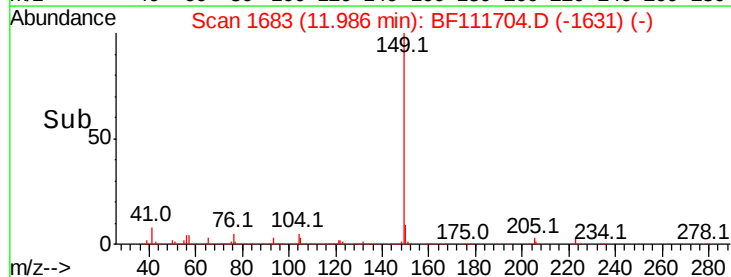
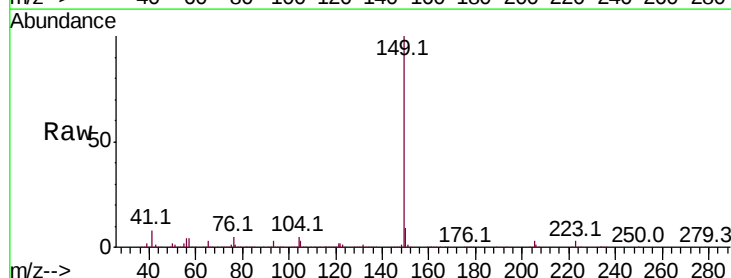
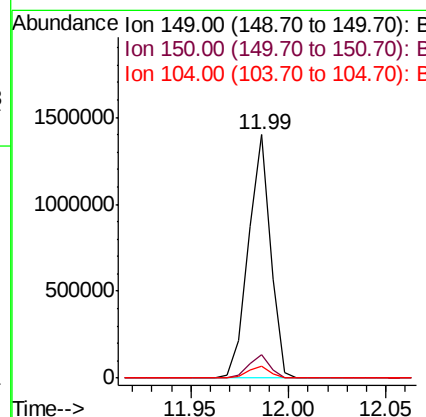
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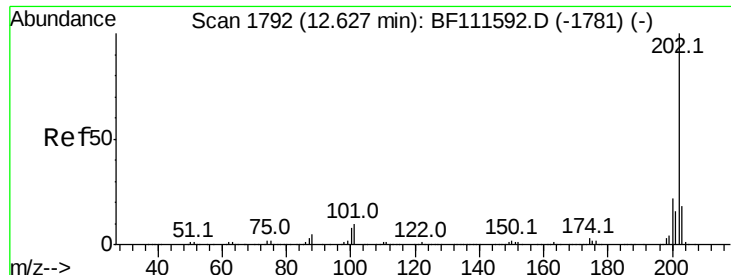
Sohil
 12/26/2018 3:11:00 PM



#74
 Di-n-butylphthalate
 Concen: 49.987 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF111704.D
 Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.8	13.2
104	4.8	4.5	6.7





#75

Fluoranthene

Concen: 50.662 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

Tot Ion:202 Resp: 1034869

Ion Ratio Lower Upper

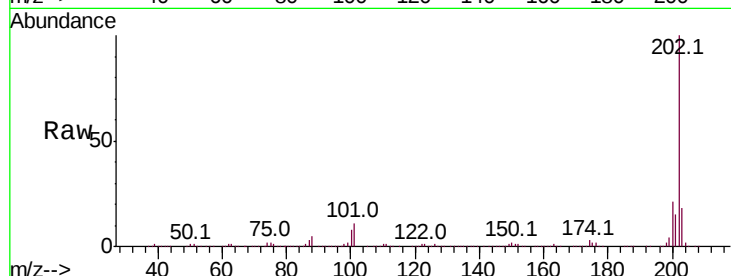
202 100

101 10.6 0.0 33.8

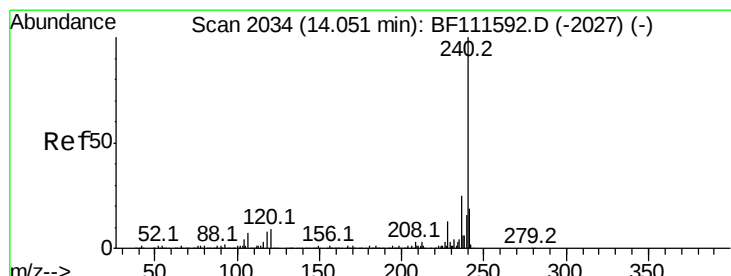
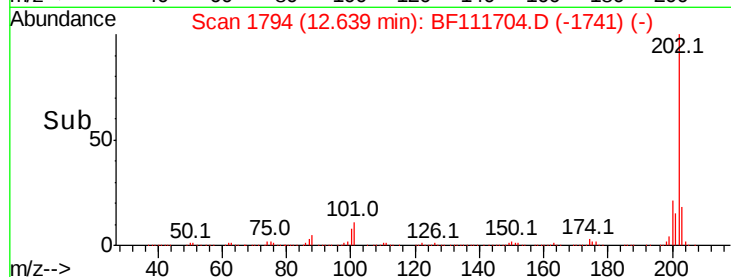
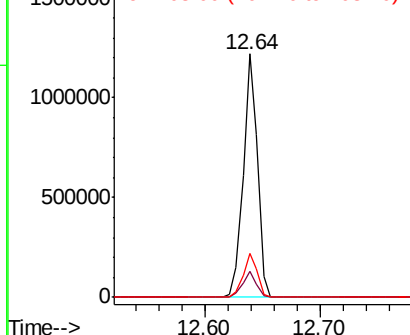
203 17.8 0.0 38.6

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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: BF111704.D

Acq: 21 Dec 2018 22:59

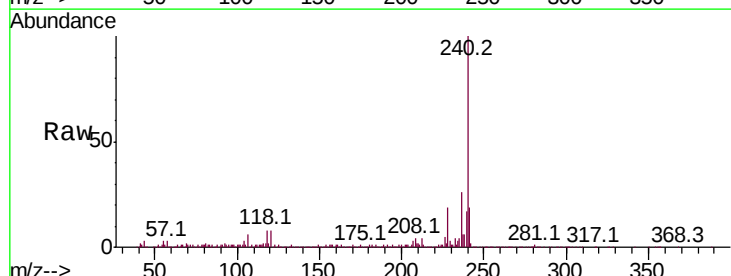
Tgt Ion:240 Resp: 261098

Ion Ratio Lower Upper

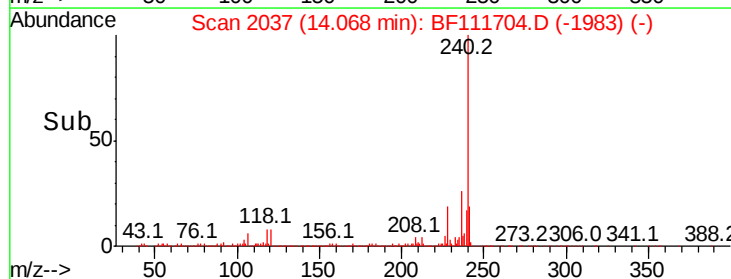
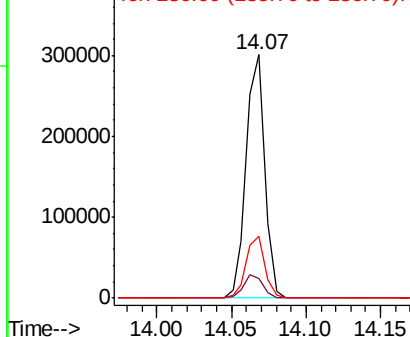
240 100

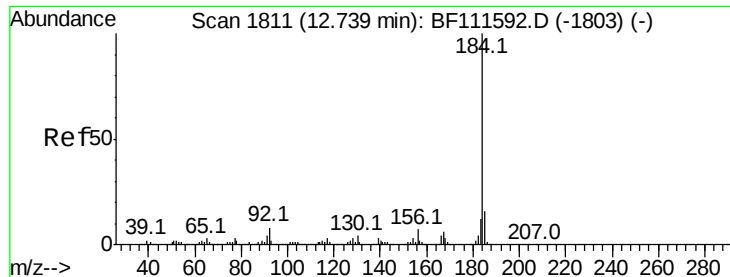
120 8.2 12.2 18.2#

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: 38.411 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

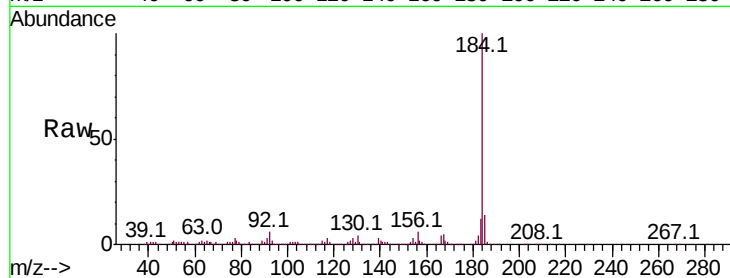
ClientSampled :

PB115917BS

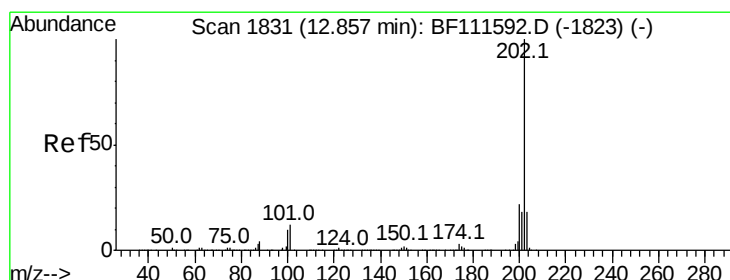
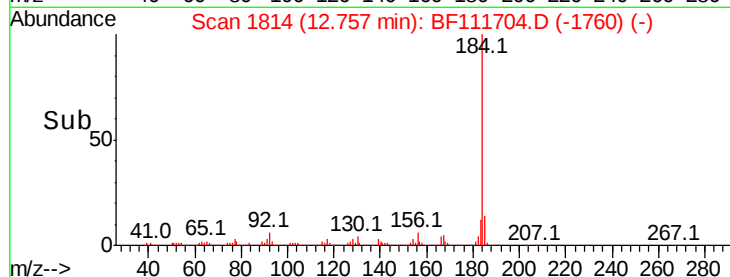
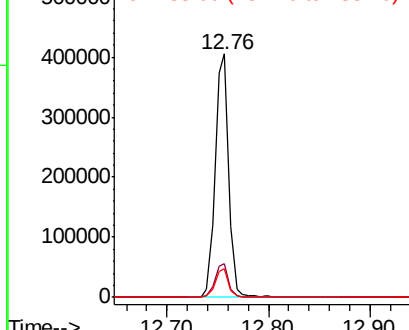
Tot Ion:	184	Resp:	377385
Ion Ratio	Lower	Upper	
184	100		
185	13.7	13.0	19.6
183	11.7	9.3	13.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.995 ng

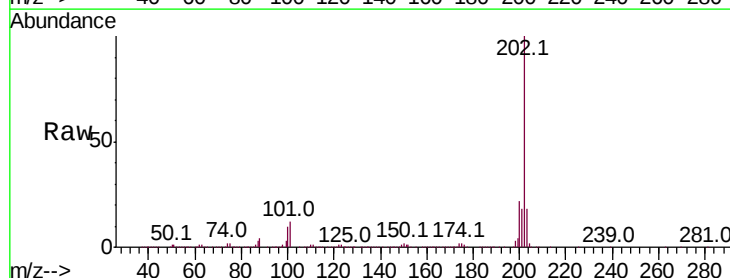
RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

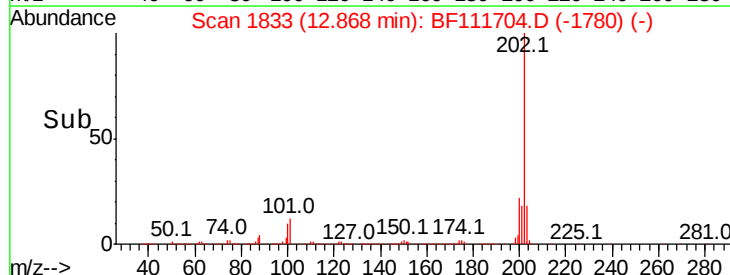
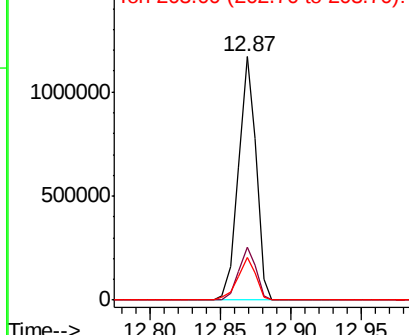
Lab File: BF111704.D

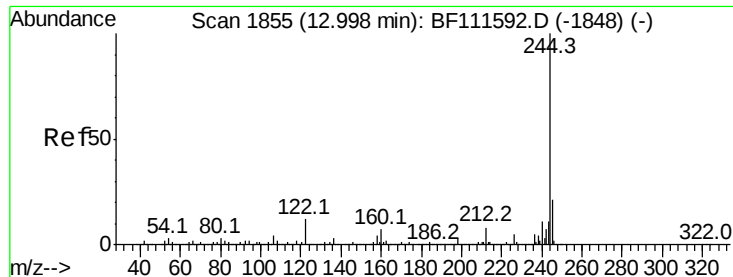
Acq: 21 Dec 2018 22:59

Tgt Ion:	202	Resp:	1014000
Ion Ratio	Lower	Upper	
202	100		
200	21.9	19.0	28.4
203	17.7	15.2	22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 112.887 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

ClientSampleId :

PB115917BS

Tot Ion:244 Resp: 1554218

Ion Ratio Lower Upper

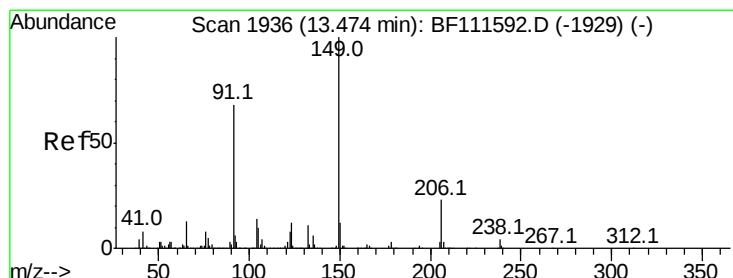
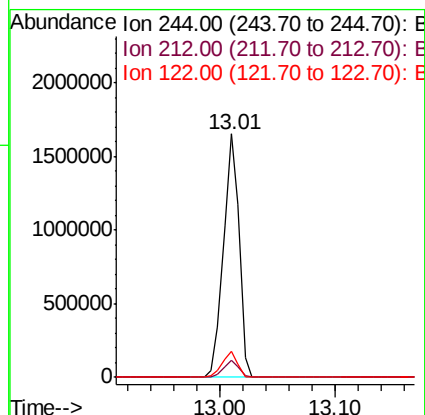
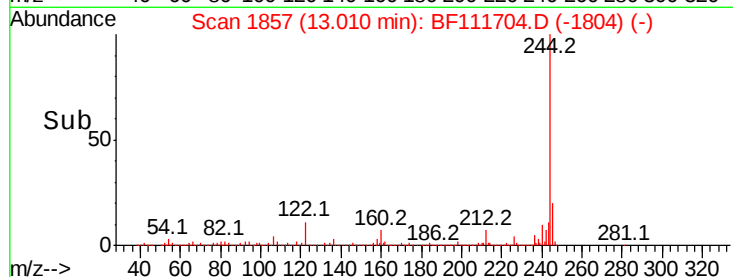
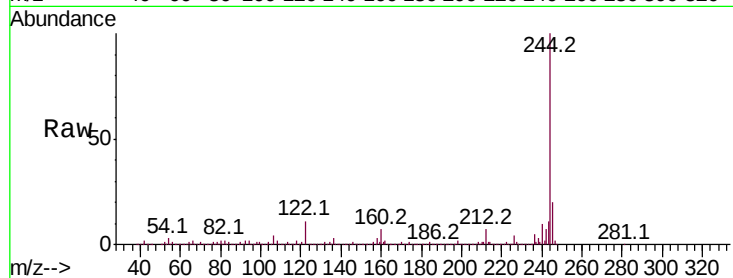
244 100

212 7.0 5.7 8.5

122 10.7 13.1 19.7#

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#80

Butylbenzylphthalate

Concen: 58.119 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

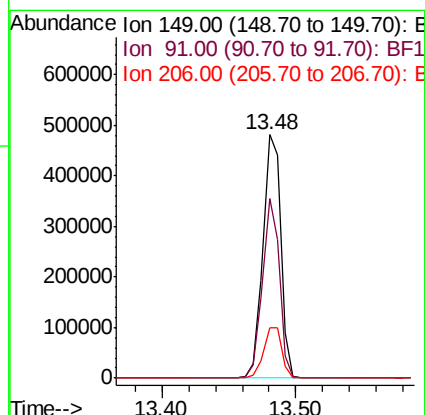
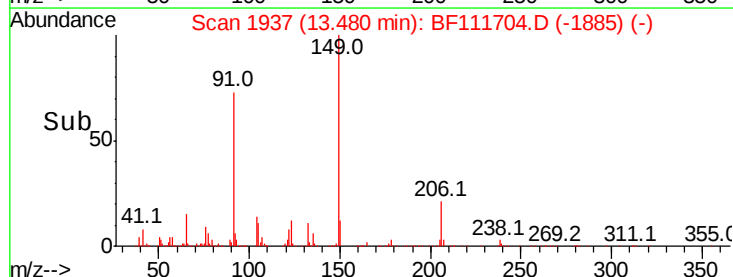
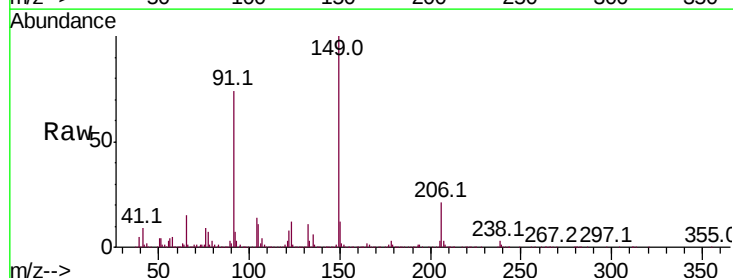
Tgt Ion:149 Resp: 436816

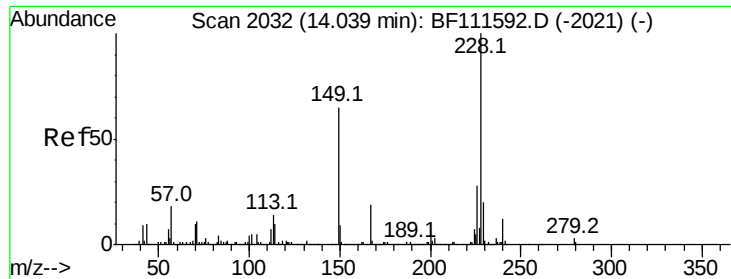
Ion Ratio Lower Upper

149 100

91 73.5 63.8 95.6

206 20.7 15.1 22.7





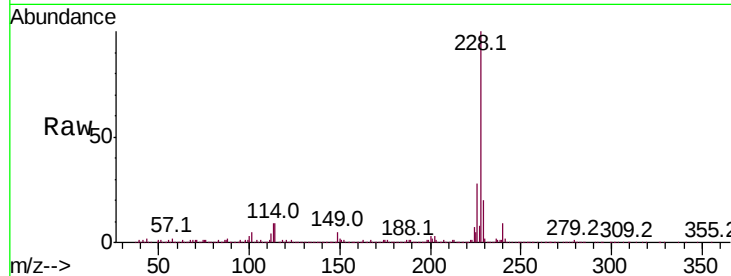
#81
Benzo(a)anthracene
Concen: 50.898 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	34.0
229	19.7	16.3	24.5

Manual Integrations
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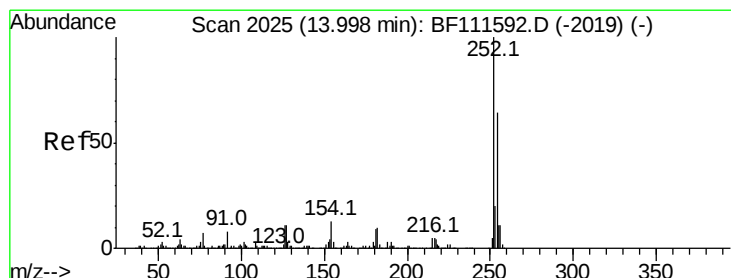
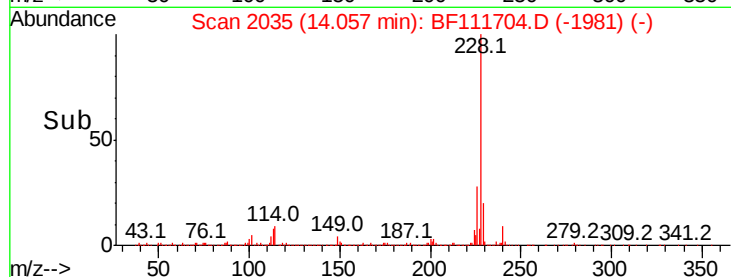
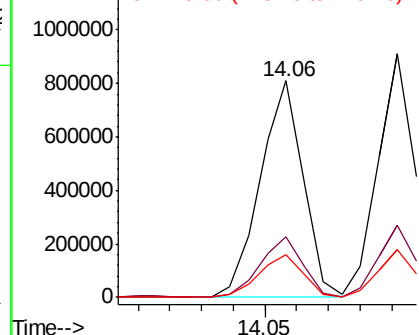


Abundance

Ion 228.00 (227.70 to 228.70): E

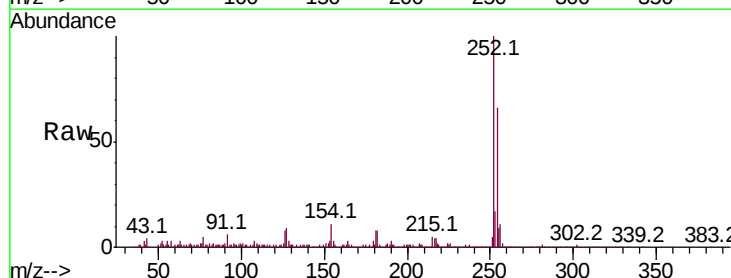
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 39.877 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.7	79.1
126	8.2	11.1	16.7

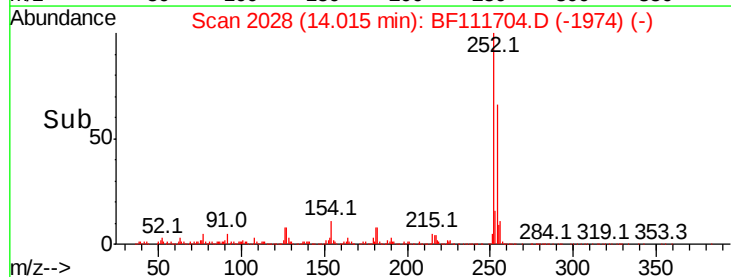
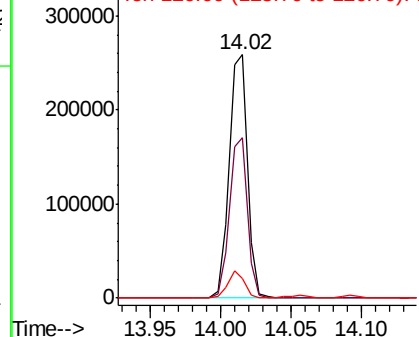


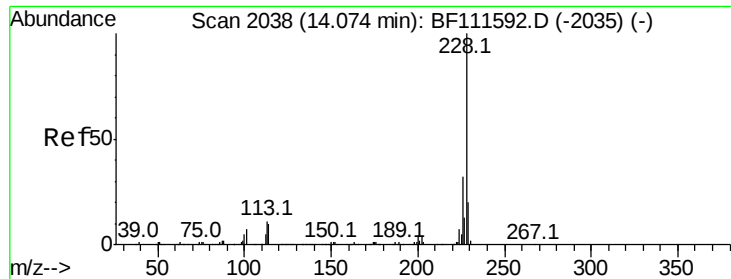
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





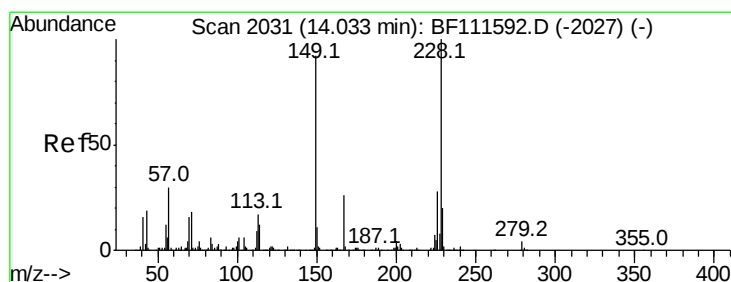
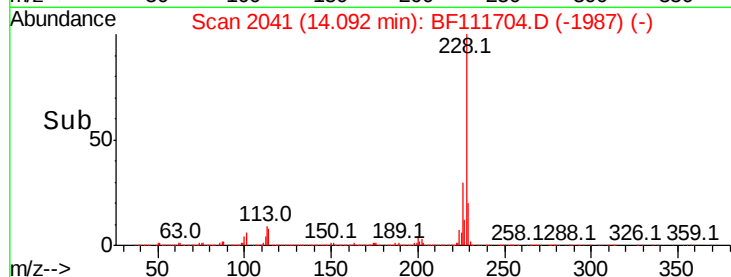
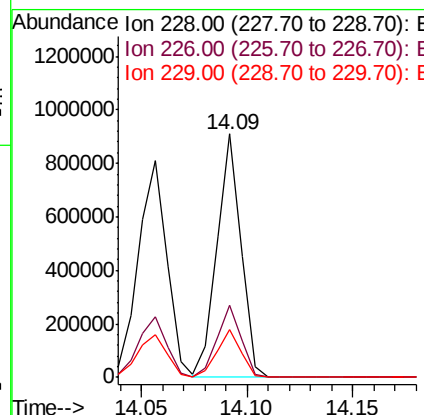
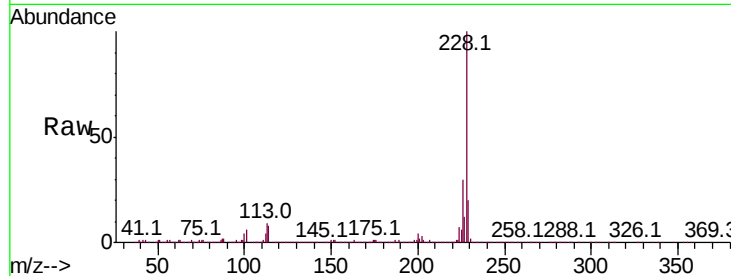
#83
Chrysene
Concen: 49.373 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.3	37.9
229	19.6	17.2	25.8

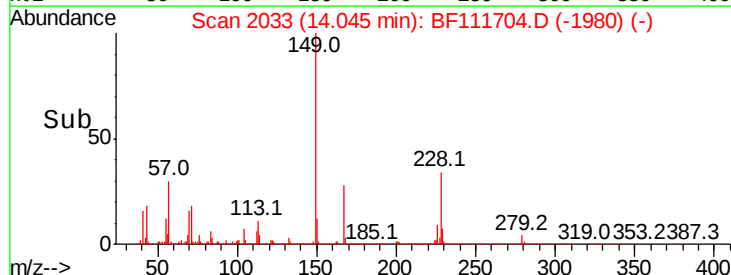
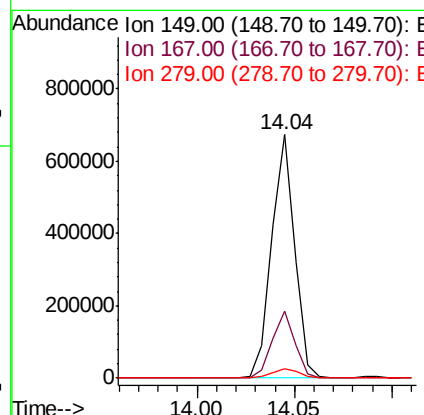
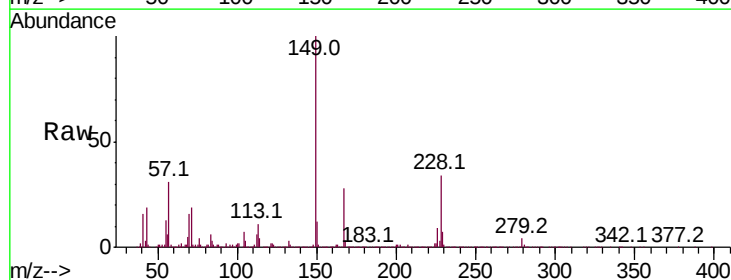
Manual Integrations
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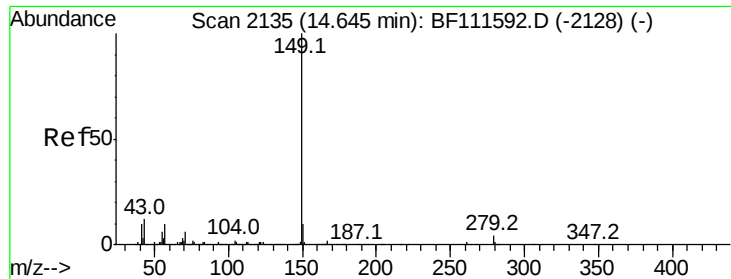
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 57.749 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.5	33.7
279	4.1	2.6	4.0#





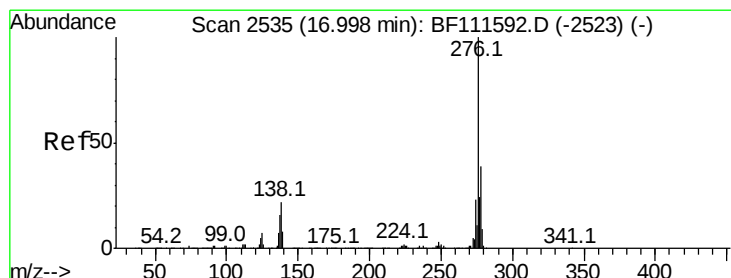
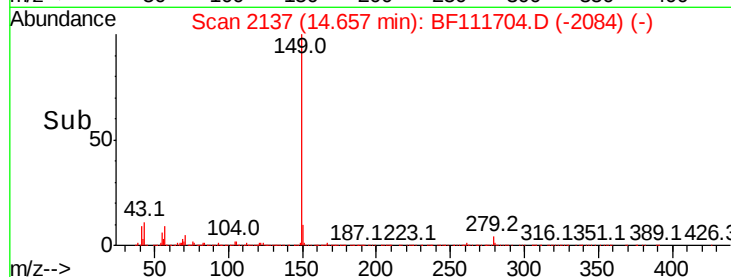
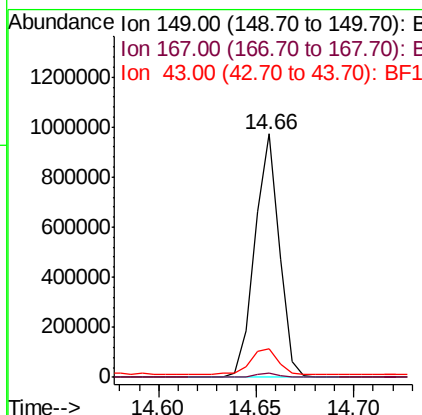
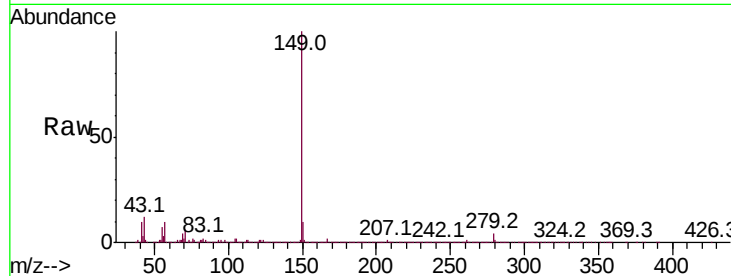
#85
Di-n-octyl phthalate
Concen: 57.142 ng
RT: 14.66 min Scan# 2137
Delta R.T. 0.01 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.3	1.9	
43	11.8	10.9	16.3	

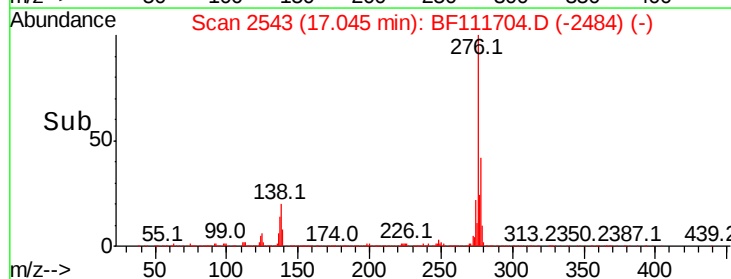
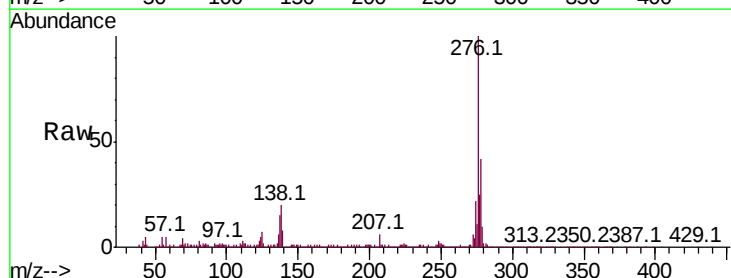
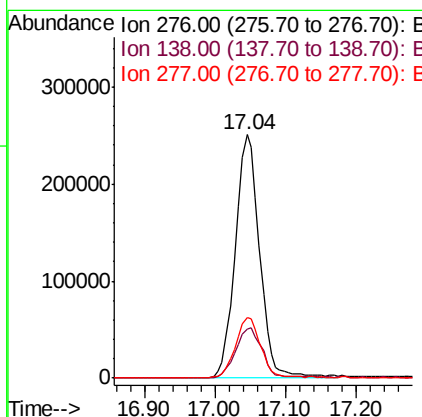
Manual Integrations
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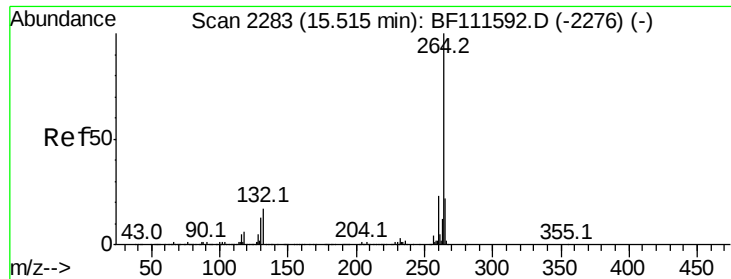
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.413 ng
RT: 17.04 min Scan# 2543
Delta R.T. 0.05 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	21.7	27.8	41.6#	
277	25.2	20.1	30.1	





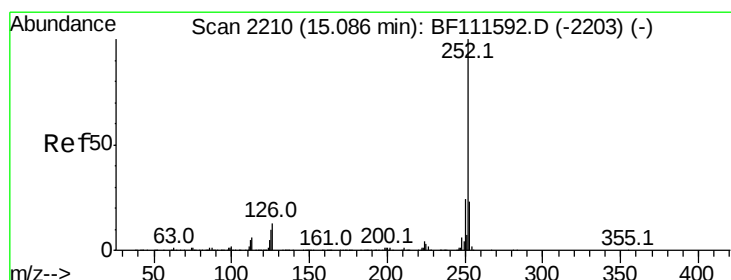
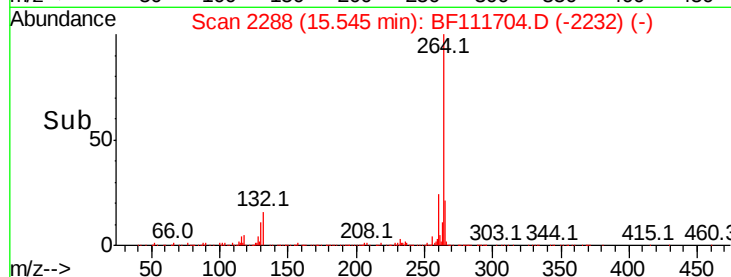
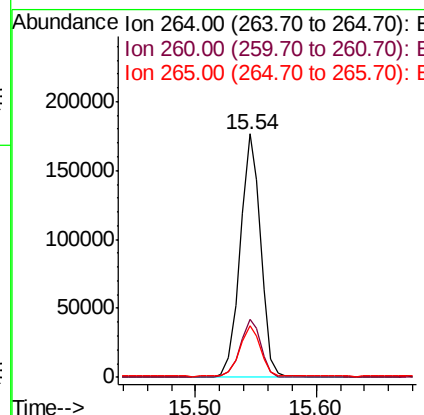
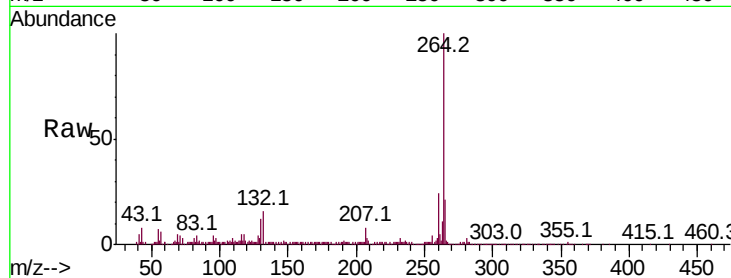
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.03 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	21.1	17.7	26.5

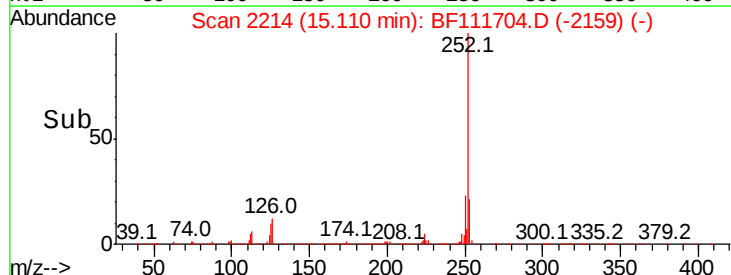
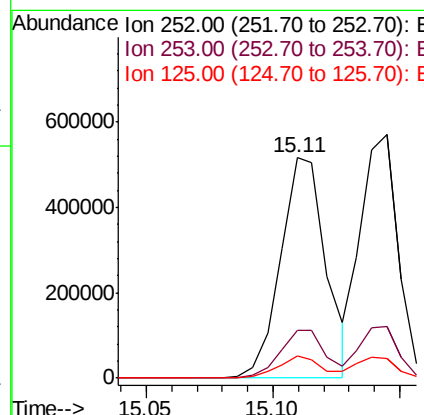
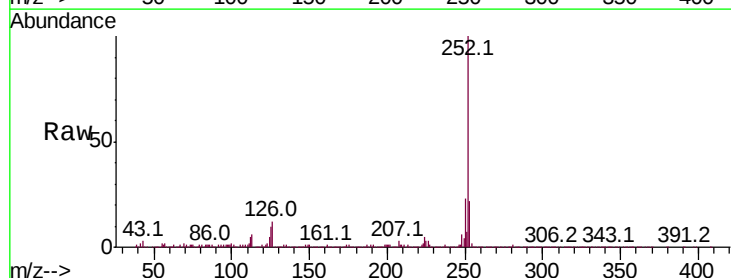
Manual Integrations
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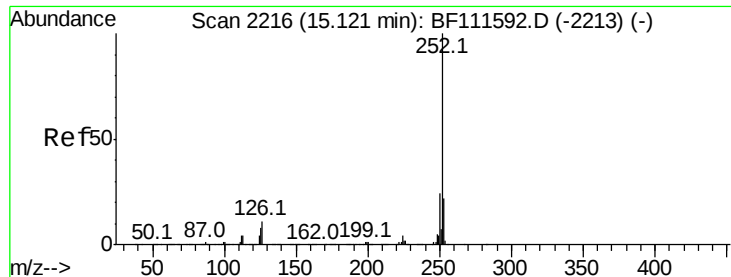
Sohil
12/26/2018 3:11:00 PM



#88
Benzo(b)fluoranthene
Concen: 53.043 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.02 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	9.9	10.4	15.6#





#89

Benzo(k)fluoranthene

Concen: 51.007 ng m

RT: 15.14 min Scan# 2220

Delta R.T. 0.02 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Instrument :

BNA_F

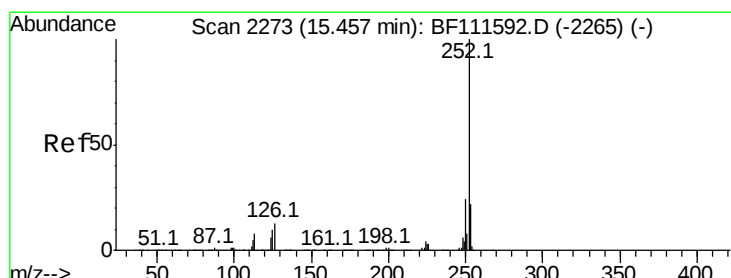
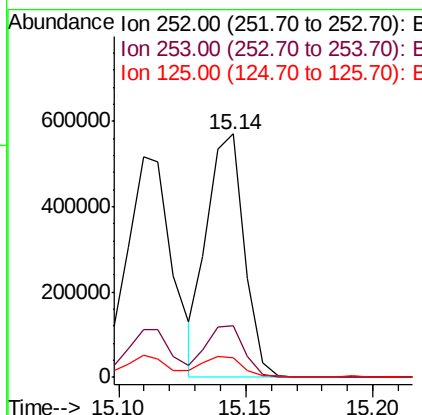
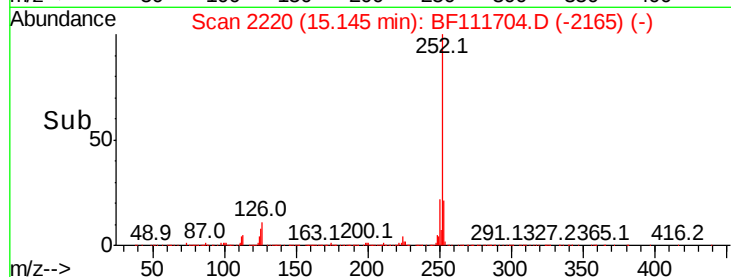
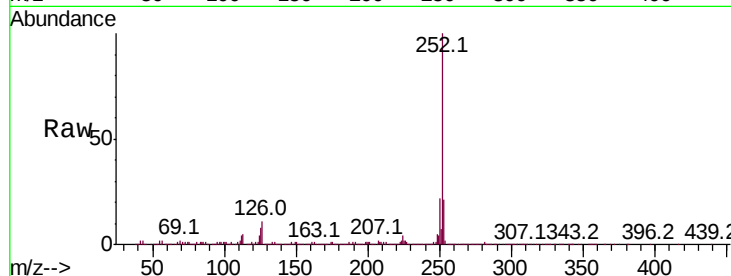
ClientSampleId :

PB115917BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	18.1	27.1
125	8.2	9.8	14.8#

Manual Integrations
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12/26/2018 3:11:00 PM



#90

Benzo(a)pyrene

Concen: 51.949 ng

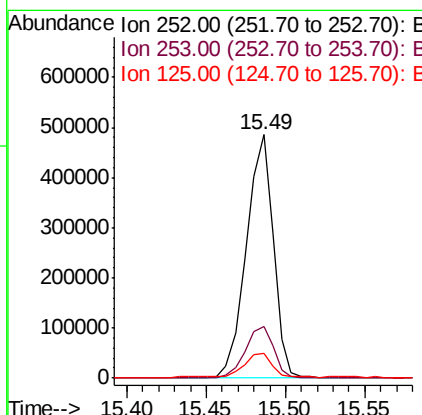
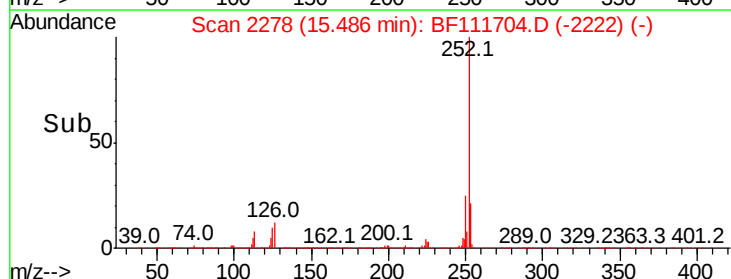
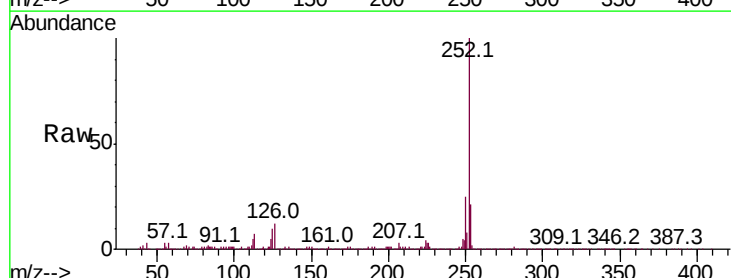
RT: 15.49 min Scan# 2278

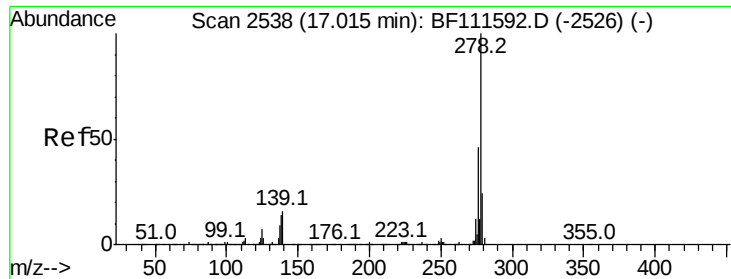
Delta R.T. 0.03 min

Lab File: BF111704.D

Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	10.0	12.3	18.5#





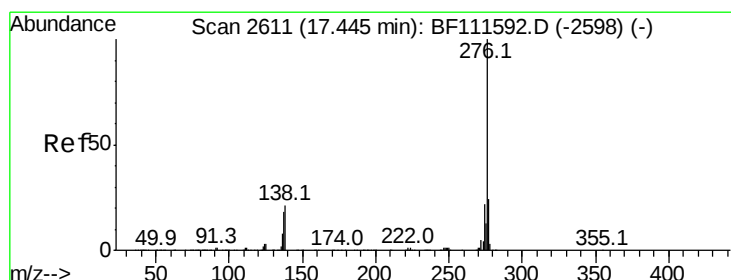
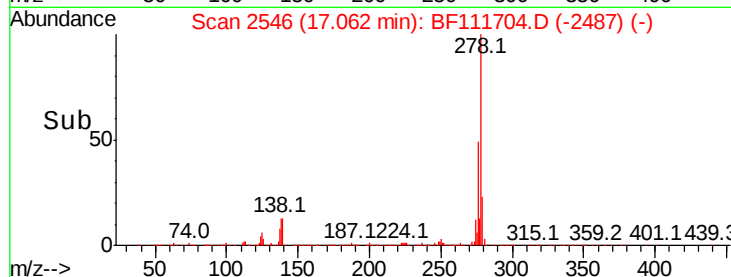
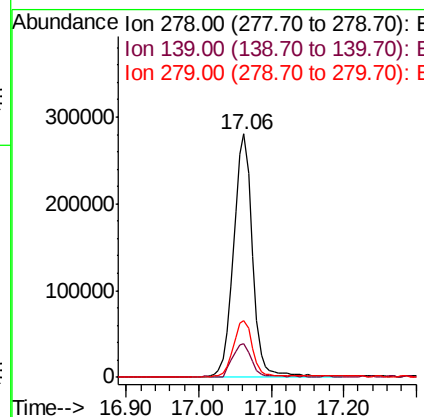
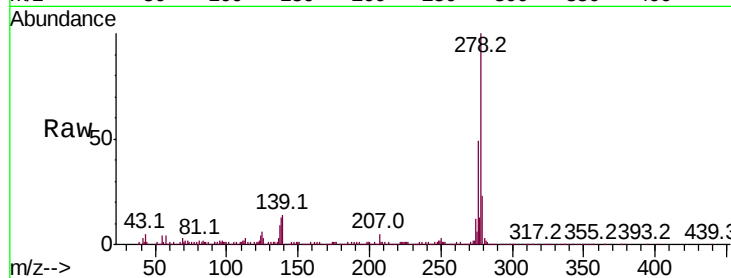
#91
Dibenzo(a,h)anthracene
Concen: 53.477 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.05 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Instrument :
BNA_F
ClientSampleId :
PB115917BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.7	18.2	27.4#
279	23.4	19.0	28.6

Manual Integrations
APPROVED

Sohil
12/26/2018 3:11:00 PM



#92
Benzo(g,h,i)perylene
Concen: 50.202 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.05 min
Lab File: BF111704.D
Acq: 21 Dec 2018 22:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	18.3	24.9	37.3#

