

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121918\
 Data File : BF111592.D
 Acq On : 19 Dec 2018 15:33
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Sohil
 12/20/2018 12:41:46 PM

Quant Time: Dec 19 16:36:30 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 16:16:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	226144	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	810697	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	410648	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	771716	20.00	ng	0.00
76) Chrysene-d12	14.05	240	592046	20.00	ng	0.00
87) Perylene-d12	15.52	264	491326	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1037989	76.38	ng	0.00
7) Phenol-d6	6.52	99	1320122	73.03	ng	0.00
23) Nitrobenzene-d5	7.46	82	1169326	85.89	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	399579	108.62	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2205807	82.97	ng	0.00
79) Terphenyl-d14	13.00	244	2474135	98.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	242686	36.975	ng	98
3) Pyridine	3.46	79	631611	38.315	ng	98
4) n-Nitrosodimethylamine	3.41	42	312191	41.693	ng	87
6) Aniline	6.56	93	852152	38.003	ng	99
8) 2-Chlorophenol	6.68	128	581256	35.796	ng	99
9) Benzaldehyde	6.45	77	449032	40.953	ng	97
10) Phenol	6.53	94	748097m	37.150	ng	
11) bis(2-Chloroethyl)ether	6.63	93	562463	35.631	ng	98
12) 1,3-Dichlorobenzene	6.84	146	674601	37.741	ng	99
13) 1,4-Dichlorobenzene	6.92	146	683368	37.666	ng	97
14) 1,2-Dichlorobenzene	7.07	146	636962	37.319	ng	98
15) Benzyl Alcohol	7.03	79	534357	38.849	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1038862	33.705	ng	100
17) 2-Methylphenol	7.14	107	466536	35.700	ng	95
18) Hexachloroethane	7.42	117	233157	34.532	ng	# 83
19) n-Nitroso-di-n-propylamine	7.31	70	433533	36.351	ng	94
20) 3+4-Methylphenols	7.30	107	589267	35.948	ng	93
22) Acetophenone	7.30	105	815829	45.080	ng	# 90
24) Nitrobenzene	7.47	77	615724	44.336	ng	96
25) Isophorone	7.72	82	997086	43.285	ng	97
26) 2-Nitrophenol	7.79	139	258211	35.852	ng	96
27) 2,4-Dimethylphenol	7.83	122	478283	45.807	ng	97
28) bis(2-Chloroethoxy)methane	7.93	93	661678	41.609	ng	98
29) 2,4-Dichlorophenol	8.03	162	510688	45.818	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	564864	48.411	ng	98
31) Naphthalene	8.20	128	1568529	41.366	ng	97
32) Benzoic acid	7.93	122	320010m	35.467	ng	
33) 4-Chloroaniline	8.25	127	683064	40.511	ng	99
34) Hexachlorobutadiene	8.33	225	344051	53.521	ng	99
35) Caprolactam	8.62	113	171828	41.522	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	499933	40.749	ng	97
37) 2-Methylnaphthalene	8.89	142	1021275	39.803	ng	99
38) 1-Methylnaphthalene	8.99	142	982849	39.650	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	542462	48.169	ng	# 98

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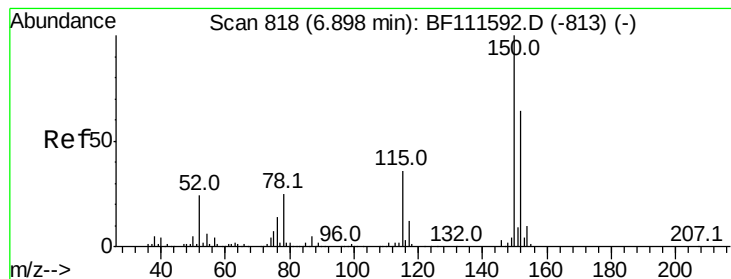
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	269033	46.530	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	358091	44.927	nq	100
44) 2,4,5-Trichlorophenol	9.20	196	377315	44.486	nq	92
46) 1,1'-Biphenyl	9.36	154	1388304	39.900	nq	95
47) 2-Chloronaphthalene	9.38	162	1095620	41.425	nq	95
48) 2-Nitroaniline	9.47	65	296770	34.558	nq	98
49) Acenaphthylene	9.80	152	1598427	40.716	nq	96
50) Dimethylphthalate	9.66	163	1208588	40.867	nq	97
51) 2,6-Dinitrotoluene	9.71	165	248626	37.349	nq	90
52) Acenaphthene	9.97	154	976251	39.344	nq	98
53) 3-Nitroaniline	9.88	138	283324	35.041	nq	# 90
54) 2,4-Dinitrophenol	9.97	184	66025	26.070	nq	# 1
55) Dibenzofuran	10.14	168	1501662	41.693	nq	95
56) 4-Nitrophenol	10.02	139	215328	38.482	nq	89
57) 2,4-Dinitrotoluene	10.11	165	304391	34.838	nq	96
58) Fluorene	10.48	166	1062381	40.666	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	317579	47.923	nq	89
60) Diethylphthalate	10.36	149	1188885	39.686	nq	98
61) 4-Chlorophenyl-phenylether	10.47	204	585436	45.804	nq	92
62) 4-Nitroaniline	10.49	138	256868	32.092	nq	90
63) Azobenzene	10.63	77	1191664	40.350	nq	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	119470	27.422	nq	96
66) n-Nitrosodiphenylamine	10.59	169	1045530	39.287	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	379166	45.586	nq	92
68) Hexachlorobenzene	11.03	284	429322	50.179	nq	# 90
69) Atrazine	11.12	200	359523	46.746	nq	96
70) Pentachlorophenol	11.22	266	279724	53.304	nq	98
71) Phenanthrene	11.44	178	1630196	40.996	nq	96
72) Anthracene	11.49	178	1629038	40.058	nq	96
73) Carbazole	11.64	167	1592187	37.861	nq	96
74) Di-n-butylphthalate	11.98	149	1800468	38.443	nq	96
75) Fluoranthene	12.63	202	1654431	42.528	nq	96
77) Benzidine	12.74	184	901862	41.439	nq	99
78) Pyrene	12.86	202	1690897	40.509	nq	97
80) Butylbenzylphthalate	13.47	149	709909	34.892	nq	# 87
81) Benzo(a)anthracene	14.04	228	1332199	41.383	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	549367	41.979	nq	# 96
83) Chrysene	14.07	228	1333495	39.322	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	877873	33.781	nq	99
85) Di-n-octyl phthalate	14.64	149	1356668	30.950	nq	97
86) Indeno(1,2,3-cd)pyrene	17.00	276	1132166	46.257	nq	# 90
88) Benzo(b)fluoranthene	15.09	252	1188491	41.490	nq	# 97
89) Benzo(k)fluoranthene	15.12	252	1069174m	39.063	nq	
90) Benzo(a)pyrene	15.46	252	1047672	40.559	nq	# 94
91) Dibenzo(a,h)anthracene	17.02	278	945307	46.392	nq	# 93
92) Benzo(g,h,i)perylene	17.44	276	932400	46.617	nq	# 89

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

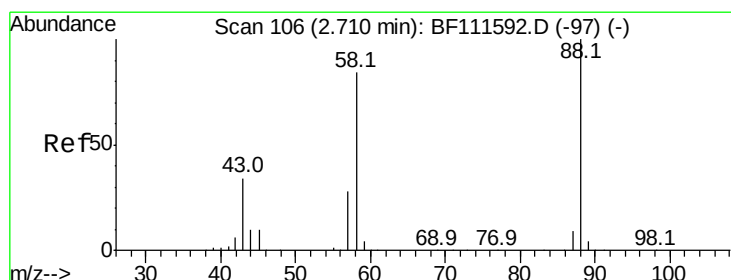
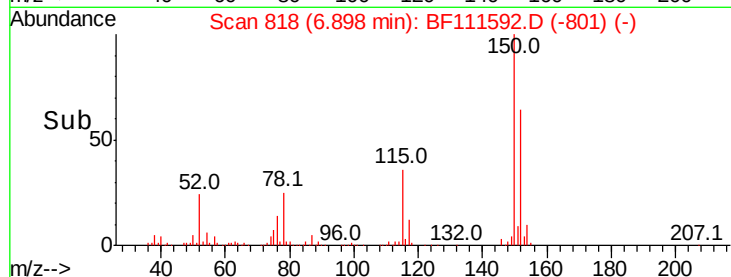
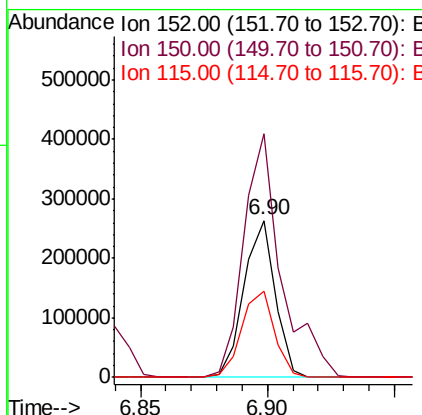
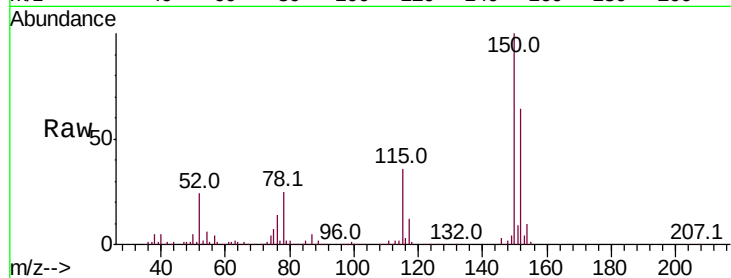
ClientSampled :

SSTDICCC040

Tot Ion:	152	Resp:	226144
Ion Ratio	Lower	Upper	
152	100		
150	155.4	126.6	189.8
115	55.4	50.7	76.1

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#2

1,4-Dioxane

Concen: 36.975 ng

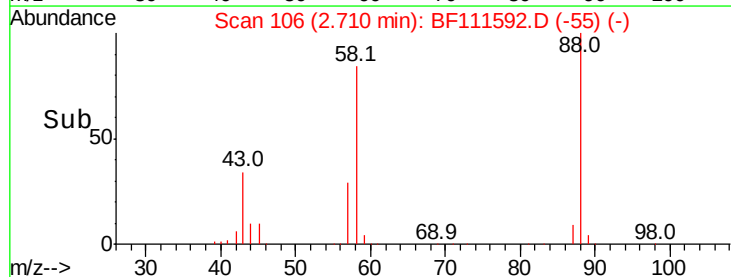
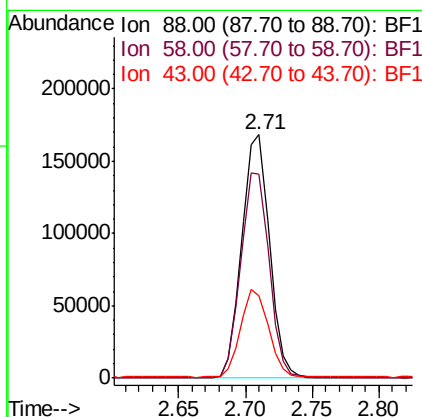
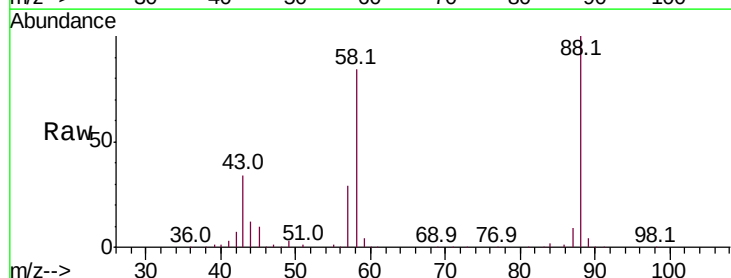
RT: 2.71 min Scan# 106

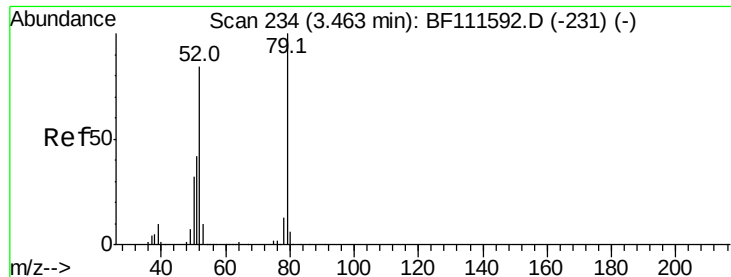
Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Tgt Ion:	88	Resp:	242686
Ion Ratio	Lower	Upper	
88	100		
58	86.1	68.9	103.3
43	36.2	25.8	38.6





#3

Pvridine

Concen: 38.315 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

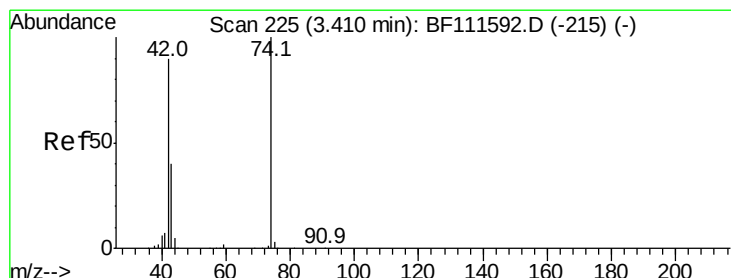
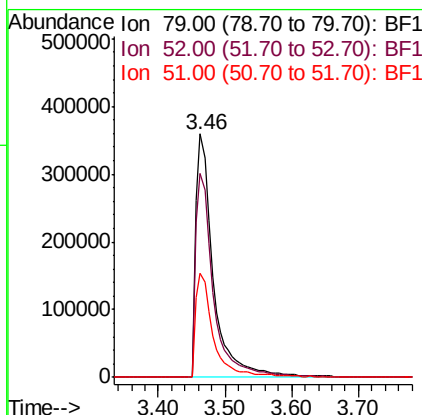
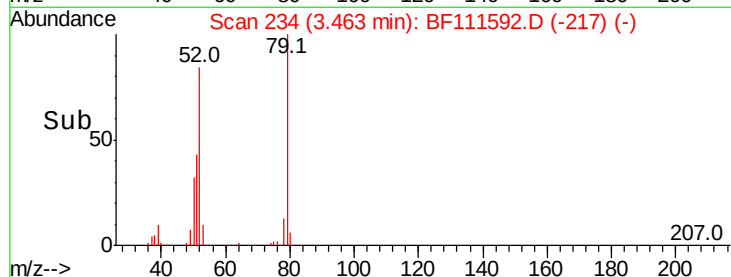
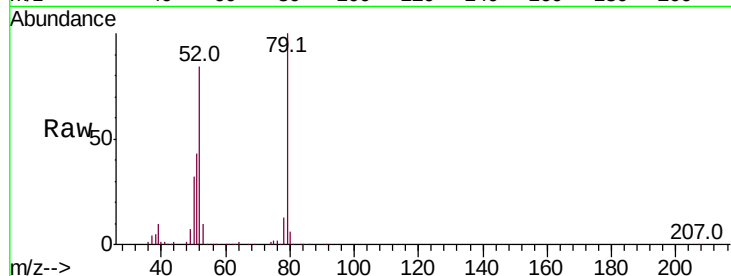
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	631611
Ion Ratio	Lower	Upper	
79	100		
52	83.8	68.3	102.5
51	42.6	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 41.693 ng

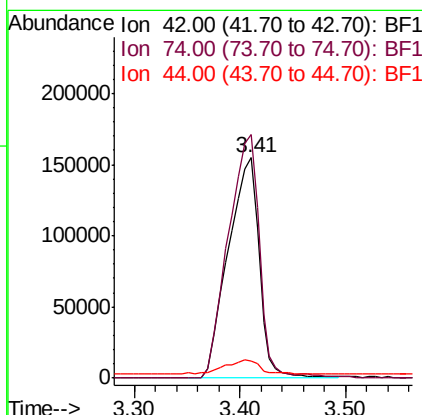
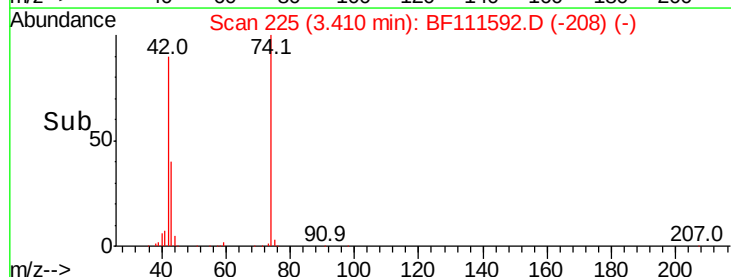
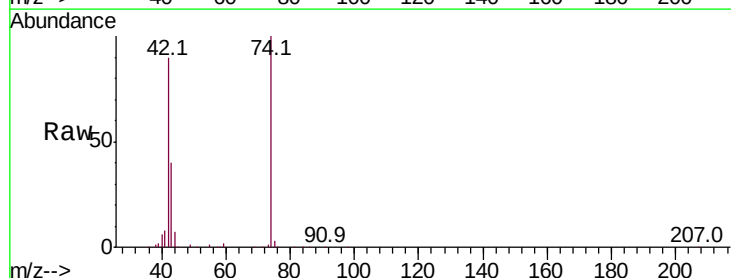
RT: 3.41 min Scan# 225

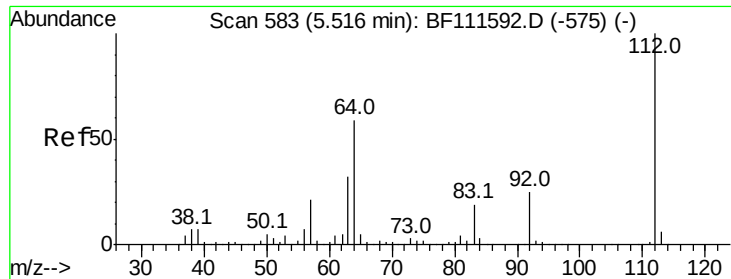
Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Tgt Ion:	42	Resp:	312191
Ion Ratio	Lower	Upper	
42	100		
74	110.6	101.5	152.3
44	7.8	6.0	9.0





#5

2-Fluorophenol

Concen: 76.379 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 112 Resp: 1037989

Ion Ratio Lower Upper

112 100

64 59.4 51.8 77.6

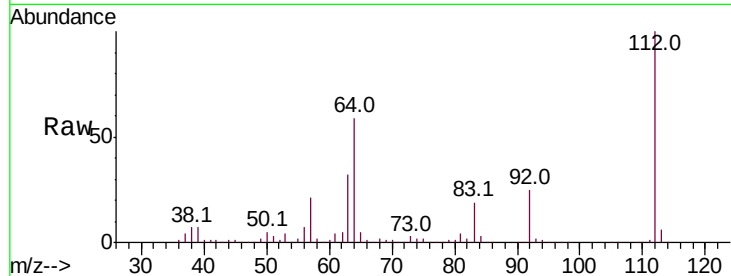
63 32.3 26.8 40.2

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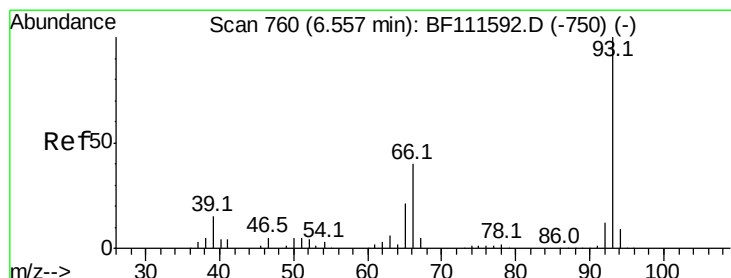
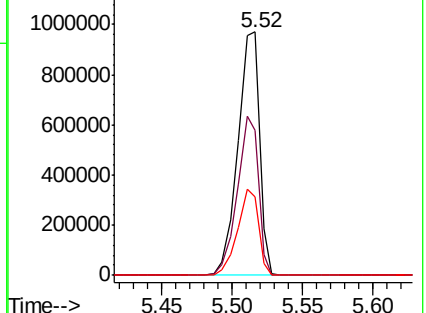
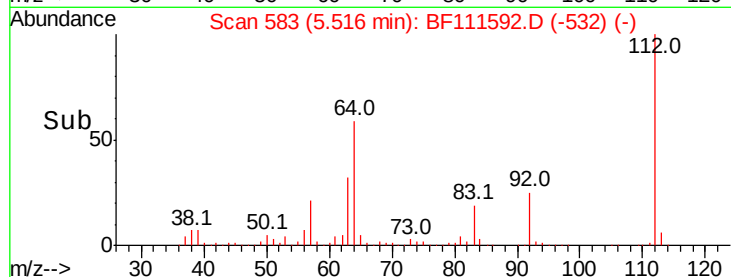
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 38.003 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

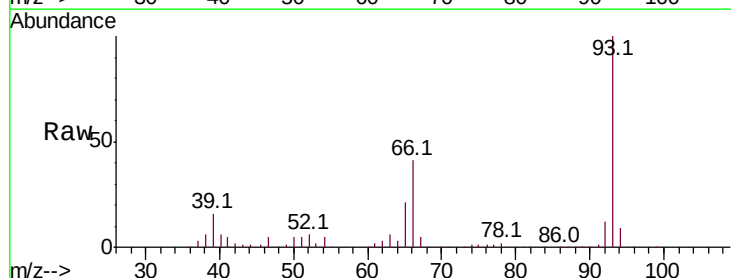
Tgt Ion: 93 Resp: 852152

Ion Ratio Lower Upper

93 100

66 41.0 33.2 49.8

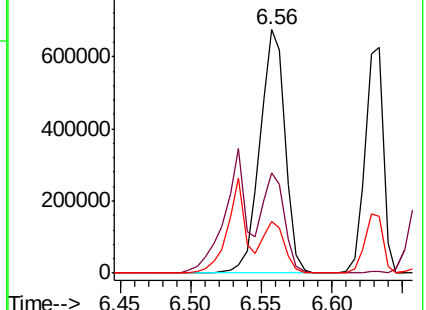
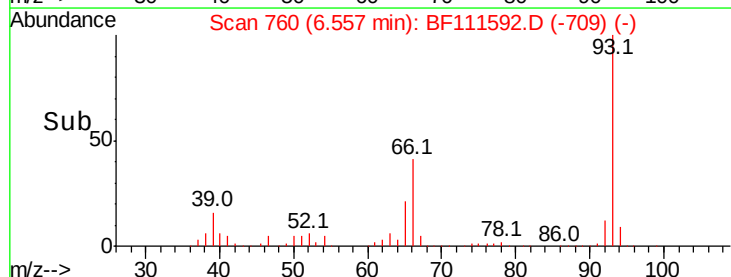
65 21.2 17.0 25.4

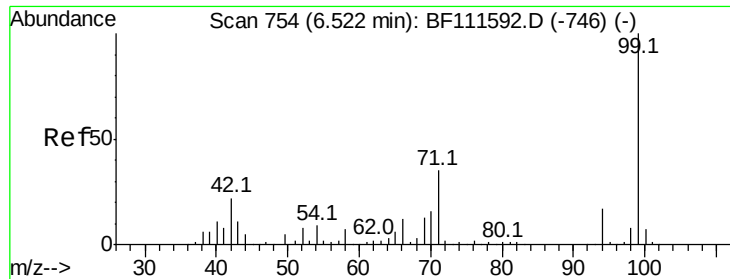


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 73.028 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1320122

Ion Ratio Lower Upper

99 100

42 22.5 17.4 26.0

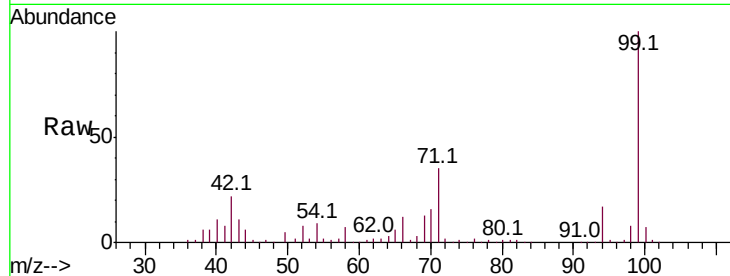
71 34.9 26.1 39.1

Manual Integrations

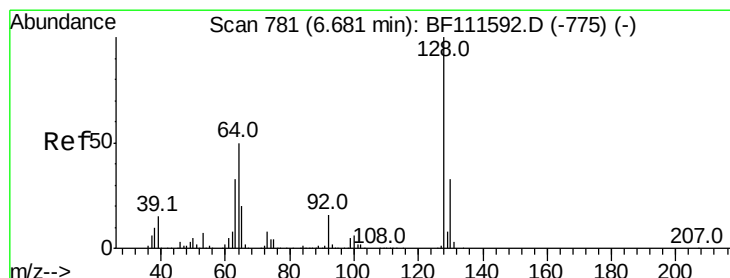
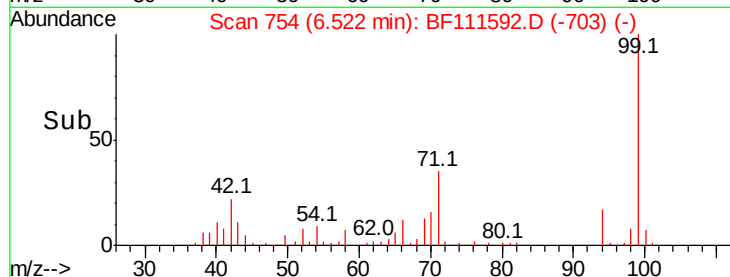
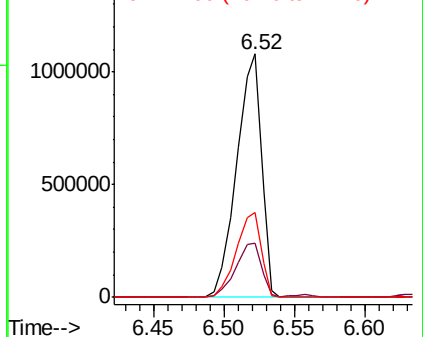
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.796 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

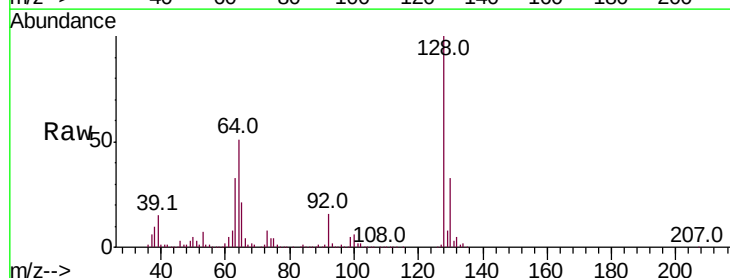
Tgt Ion:128 Resp: 581256

Ion Ratio Lower Upper

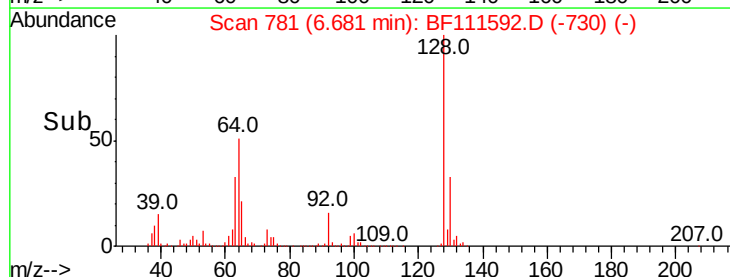
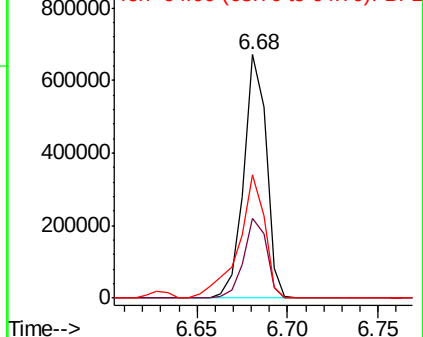
128 100

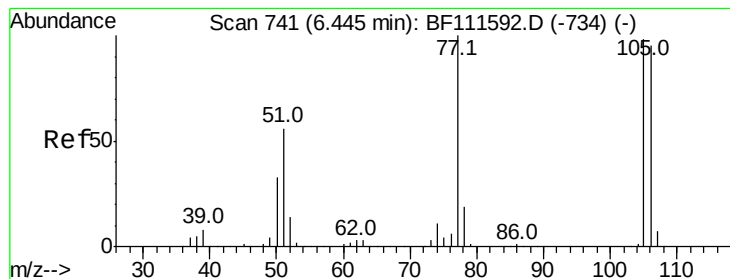
130 32.6 12.7 52.7

64 50.7 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: 40.953 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 449032

Ion Ratio Lower Upper

77 100

105 98.2 81.4 121.4

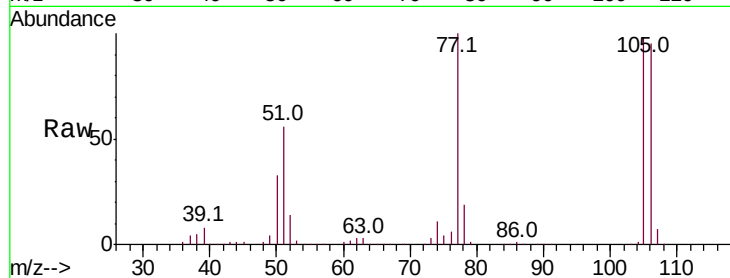
106 94.9 77.9 117.9

Manual Integrations

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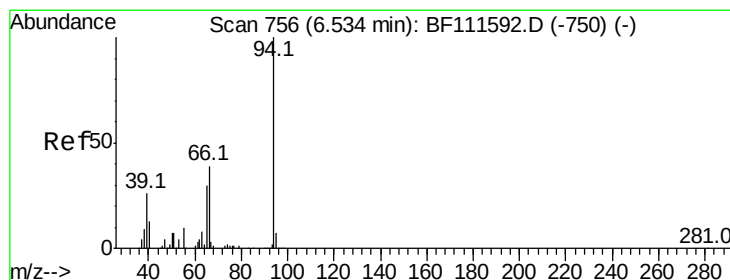
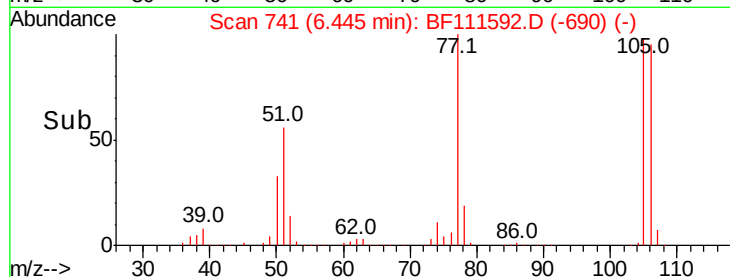
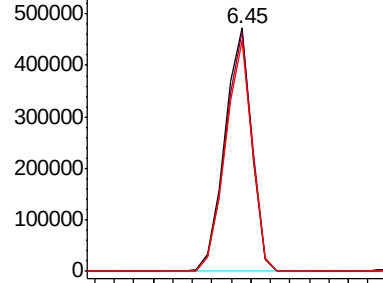
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.150 ng m

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

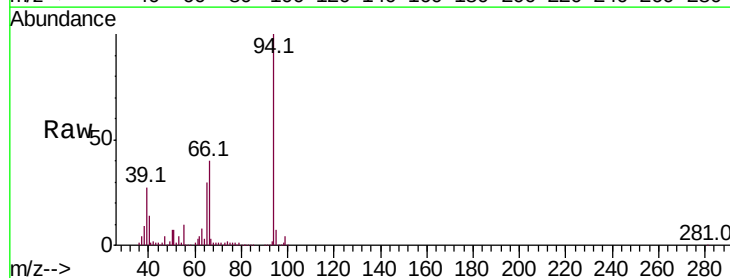
Tgt Ion: 94 Resp: 748097

Ion Ratio Lower Upper

94 100

65 30.2 11.7 51.7

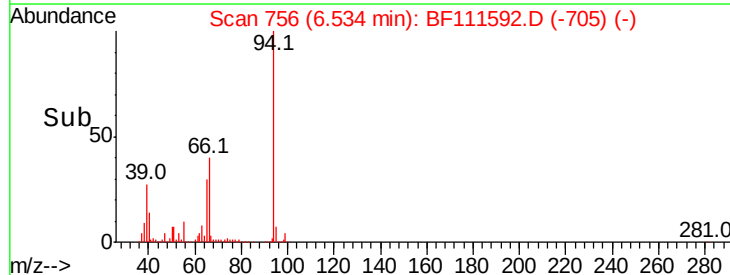
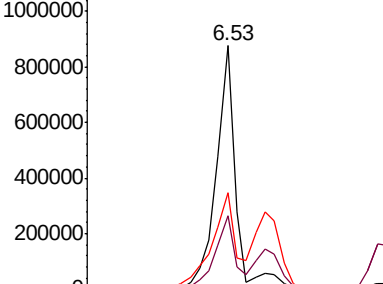
66 39.5 21.0 61.0

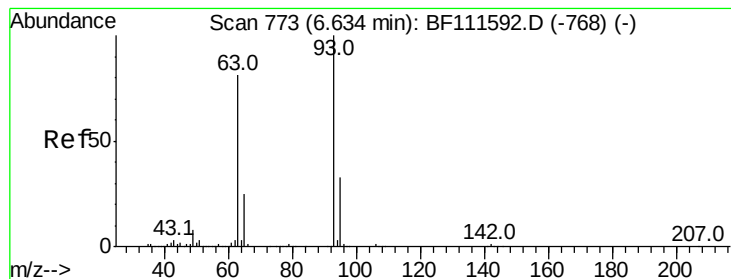


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





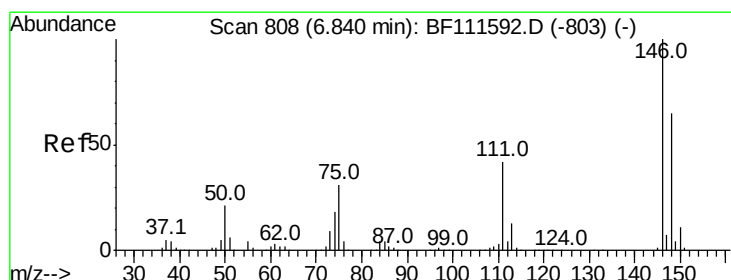
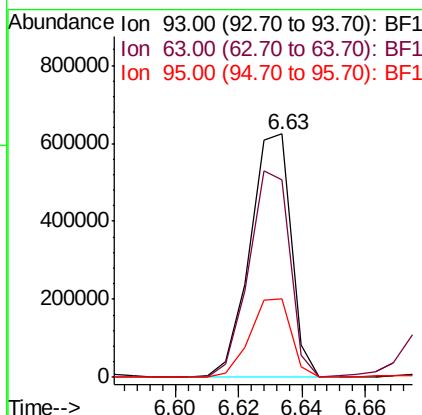
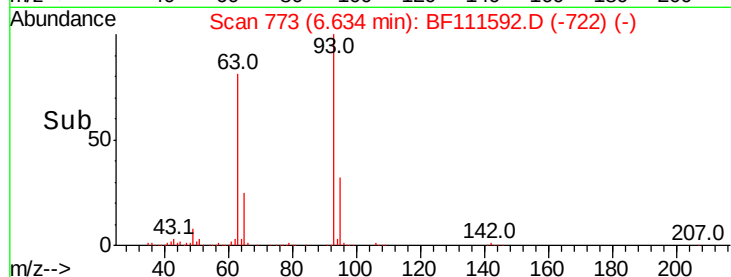
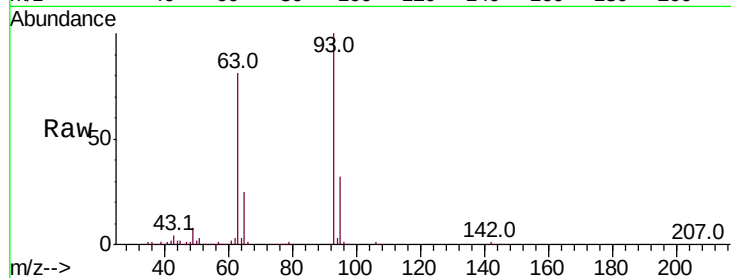
#11
bis(2-Chloroethyl)ether
Concen: 35.631 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.3	60.0	100.0
95	32.5	13.4	53.4

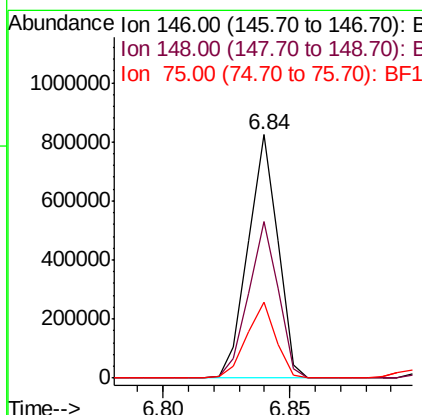
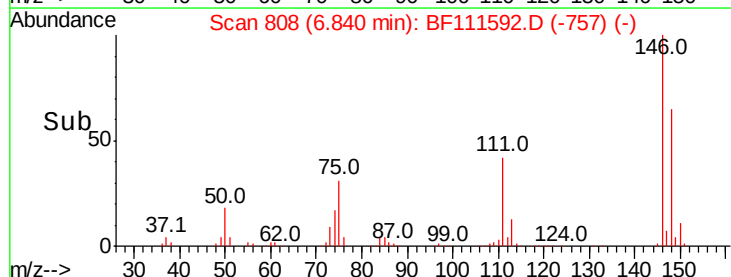
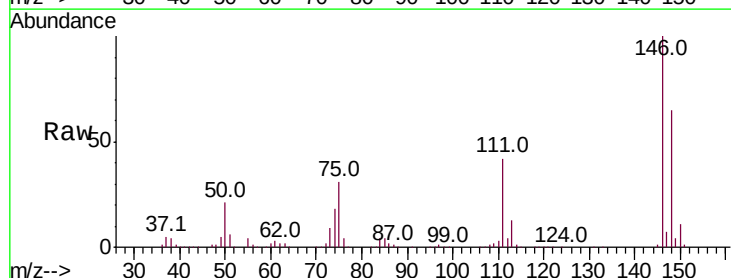
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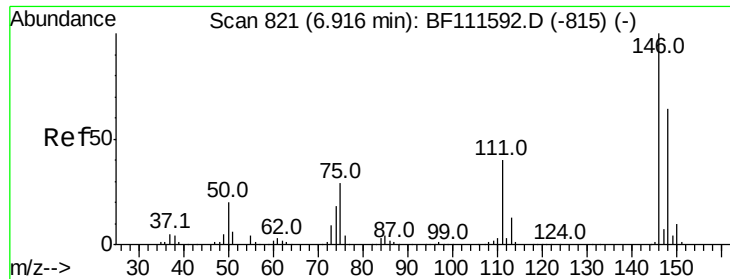
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.741 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
75	31.2	23.9	35.9





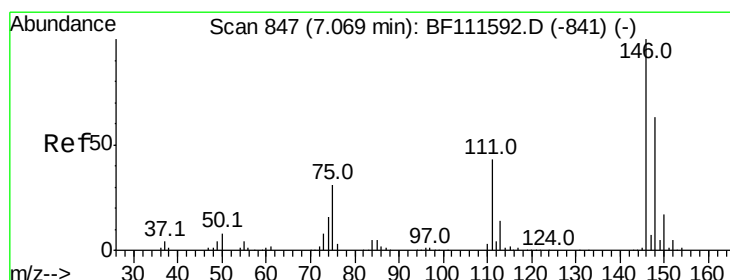
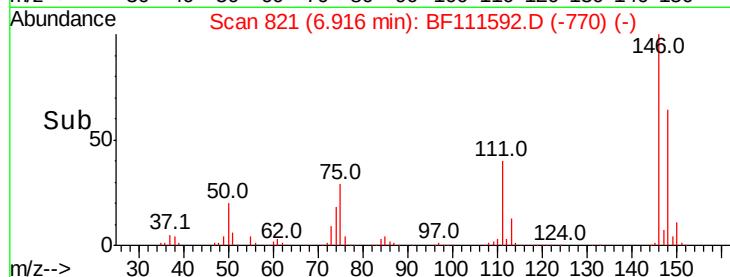
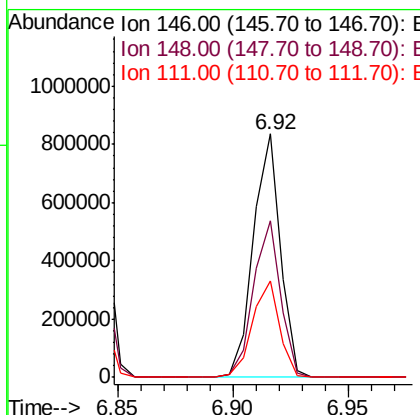
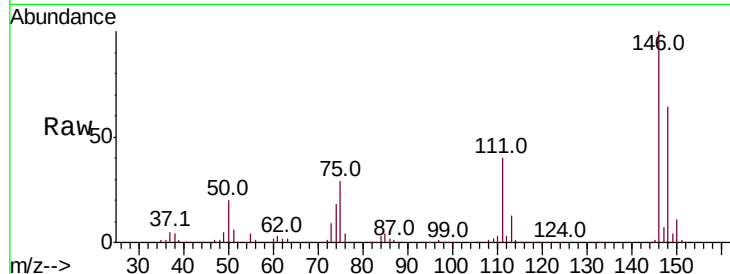
#13
 1,4-Dichlorobenzene
 Concen: 37.666 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.8	79.2
111	39.5	33.4	50.0

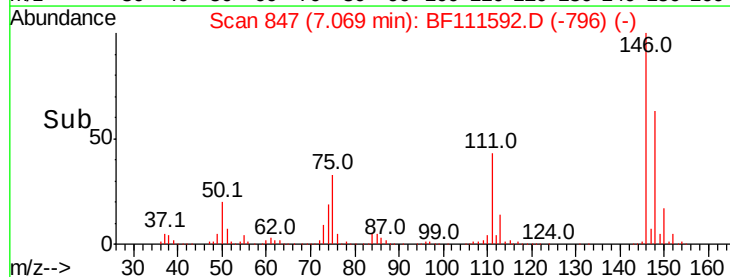
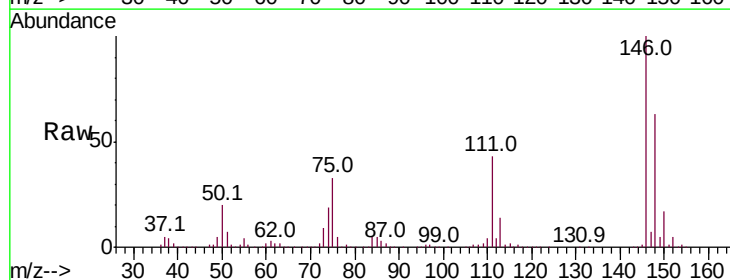
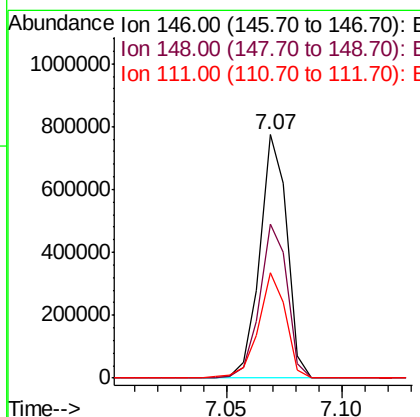
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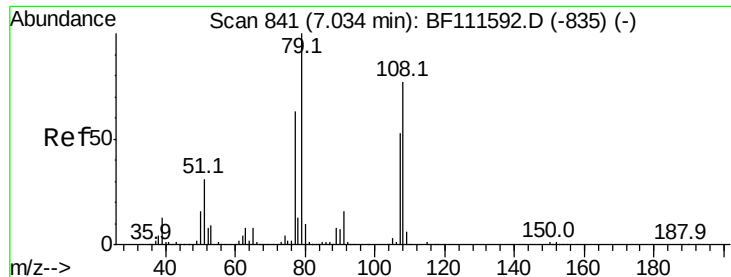
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#14
 1,2-Dichlorobenzene
 Concen: 37.319 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.9	77.9
111	43.4	36.2	54.4





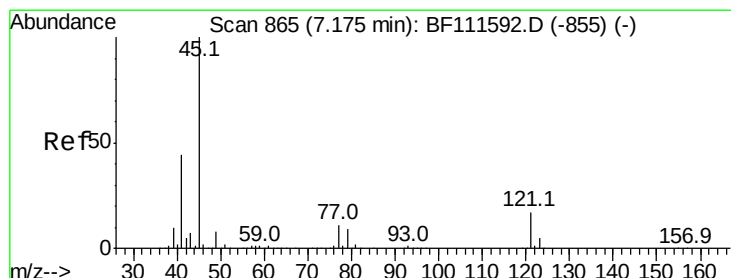
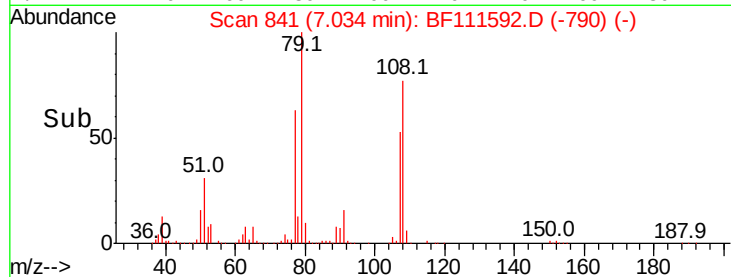
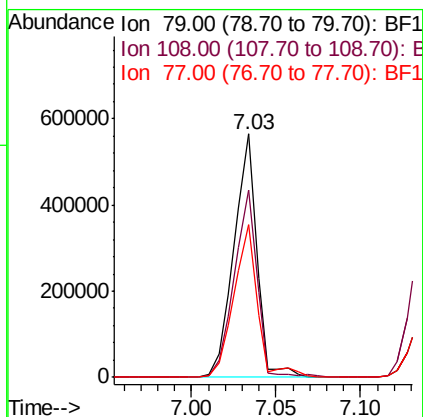
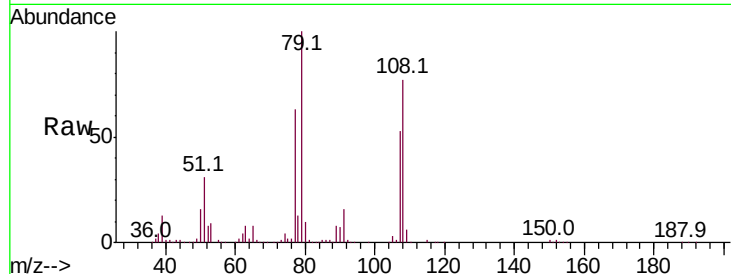
#15
Benzyl Alcohol
Concen: 38.849 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.2	69.4	104.2
77	62.8	49.7	74.5

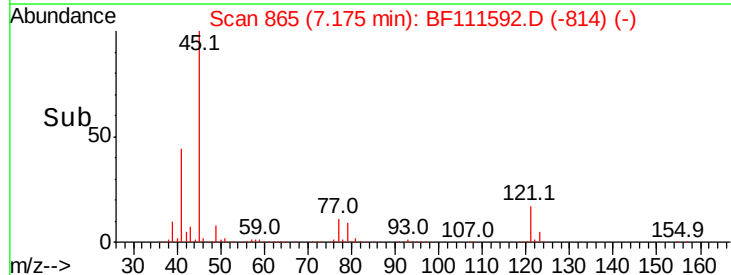
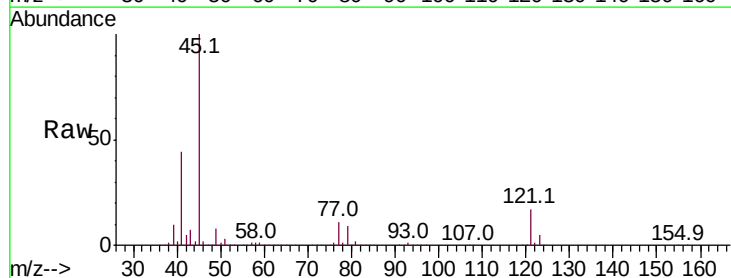
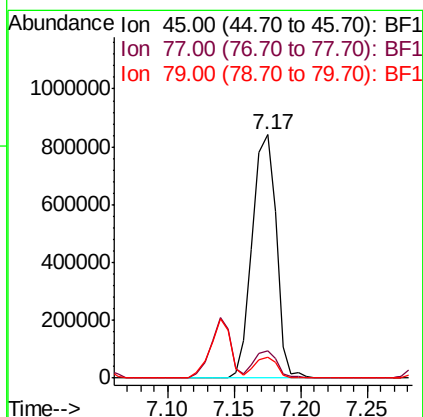
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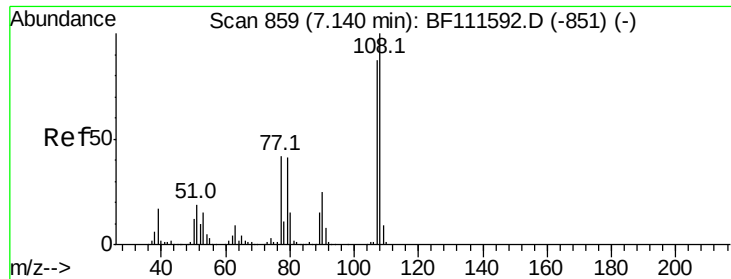
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#16
2,2'-oxybis(1-chloropropane)
Concen: 33.705 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.5
79	8.8	0.0	28.9





#17

2-Methylphenol

Concen: 35.700 ng

RT: 7.14 min Scan# 859

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

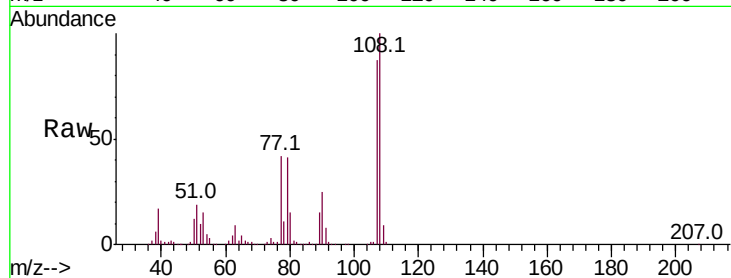
ClientSampleId :

SSTDICCC040

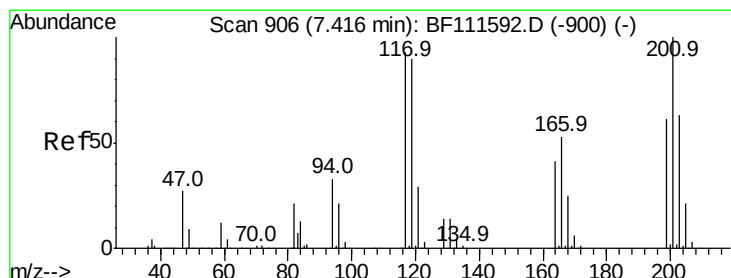
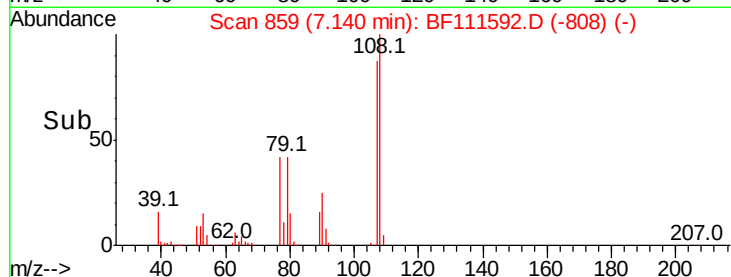
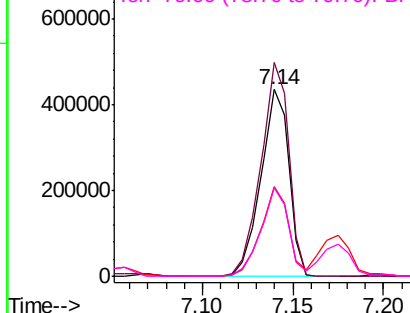
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	91.0	136.4	
77	48.4	33.5	50.3	
79	47.1	33.3	49.9	

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 34.532 ng

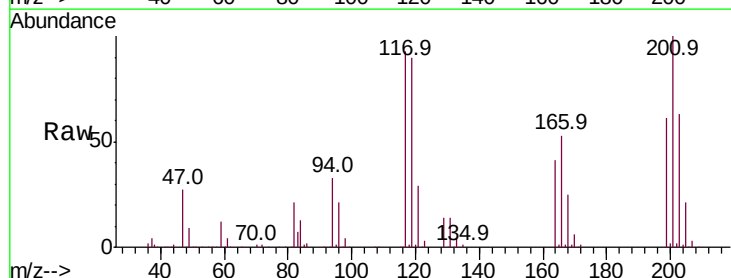
RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

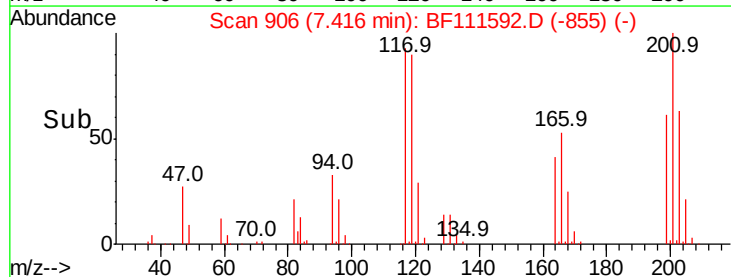
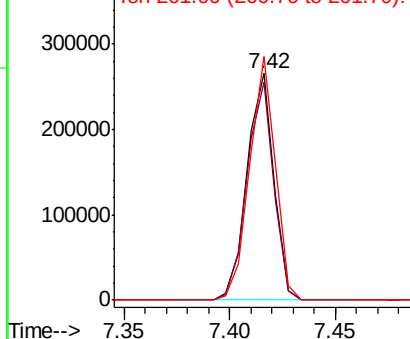
Lab File: BF111592.D

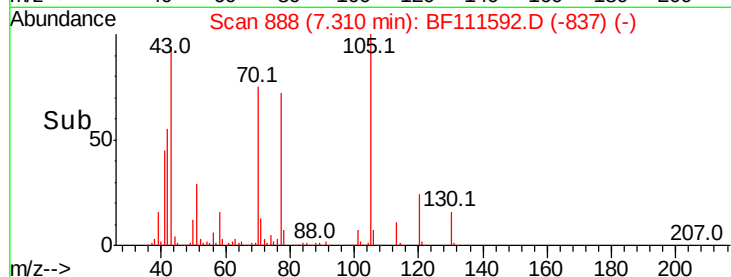
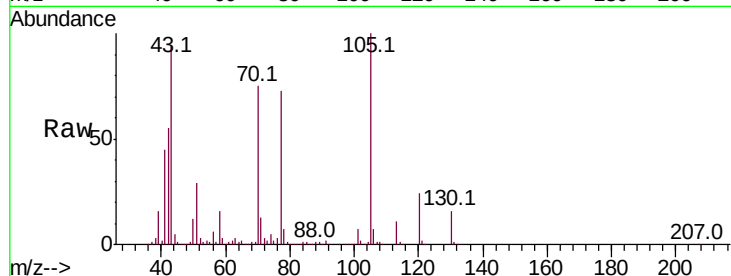
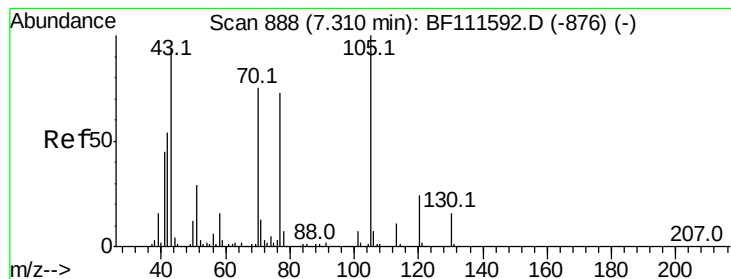
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	75.4	113.0	
201	107.4	62.4	93.6#	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.351 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 70 Resp: 433533

Ion Ratio Lower Upper

70 100

42 72.5 53.2 79.8

101 9.4 8.2 12.4

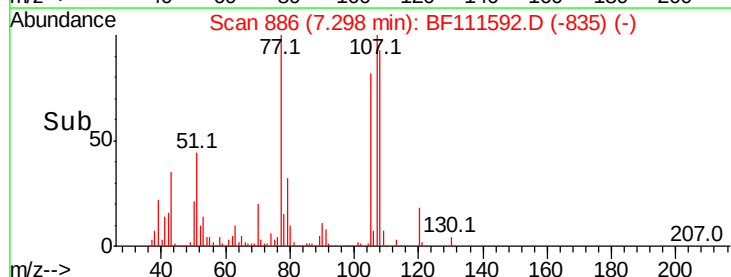
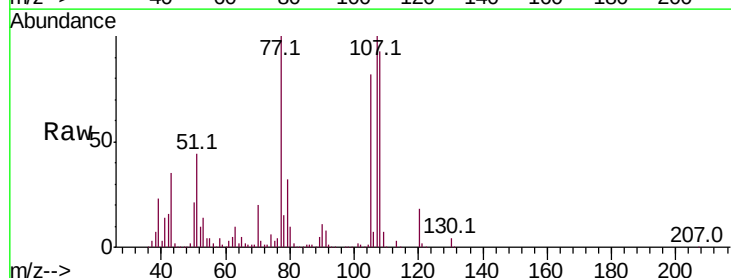
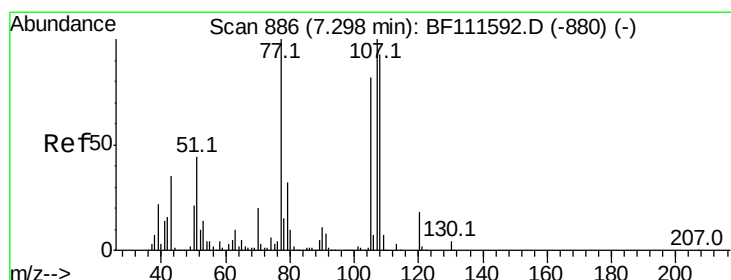
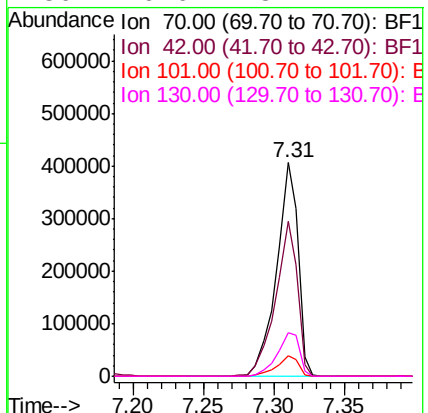
130 20.6 18.1 27.1

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#20

3+4-Methylphenols

Concen: 35.948 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Tgt Ion: 107 Resp: 589267

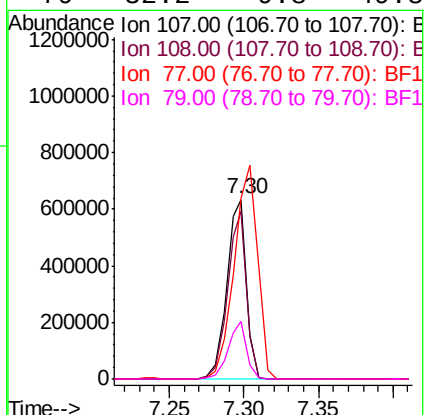
Ion Ratio Lower Upper

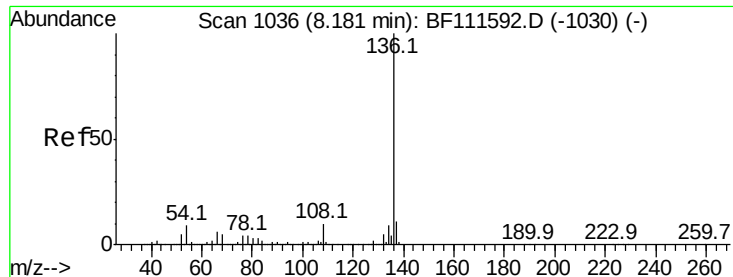
107 100

108 93.6 72.1 112.1

77 100.5 94.1 134.1

79 32.2 9.8 49.8





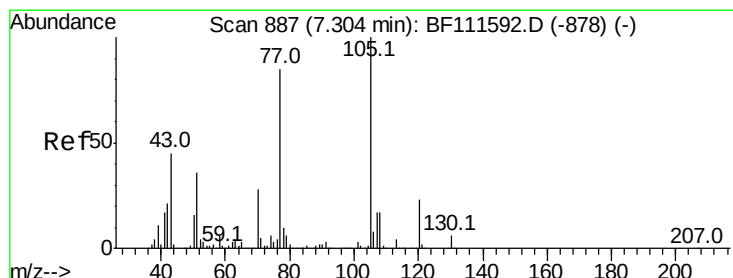
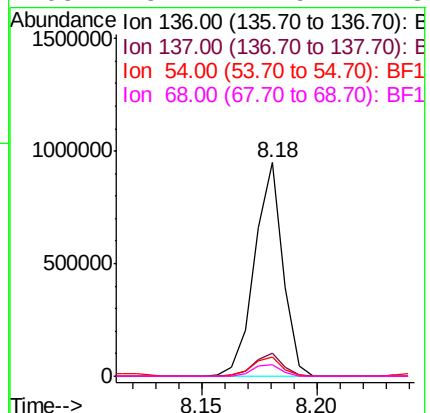
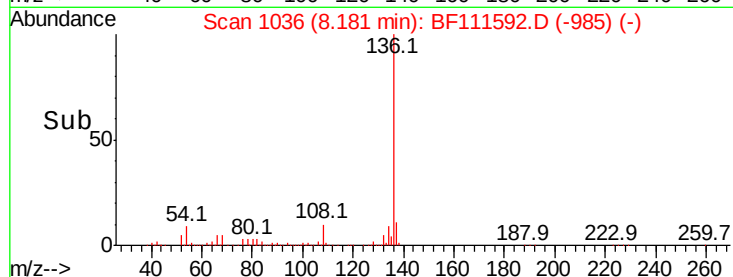
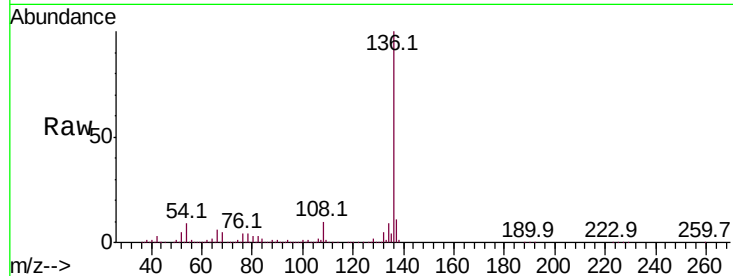
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	9.0	7.7	11.5	
68	5.4	4.9	7.3	

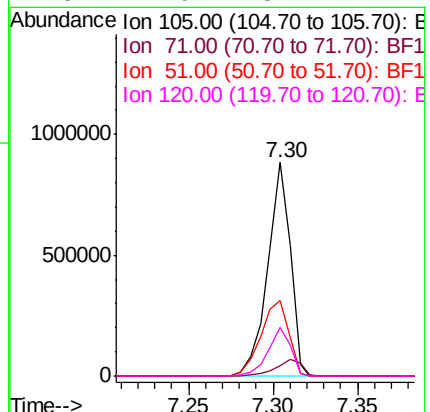
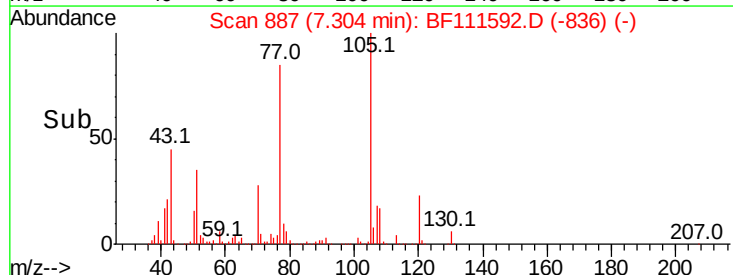
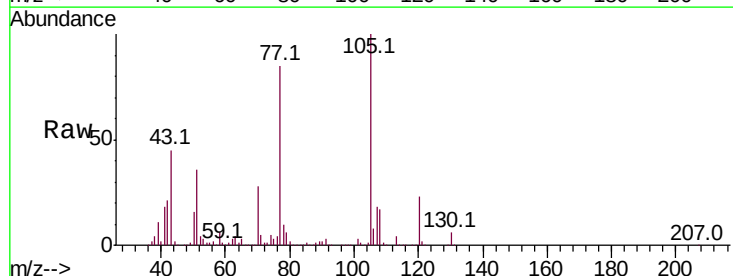
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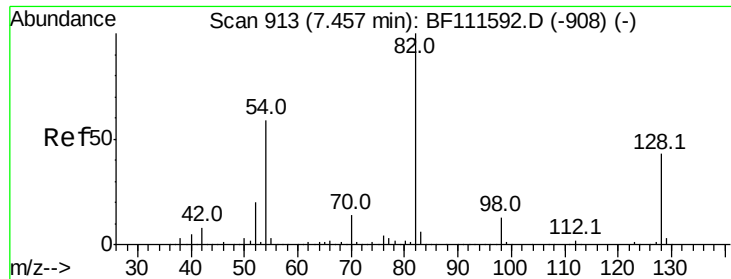
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#22
Acetophenone
Concen: 45.080 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	3.1	4.7#	
51	35.5	36.6	54.8#	
120	22.6	18.2	27.4	





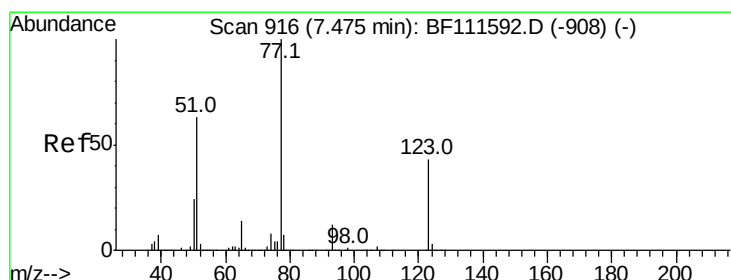
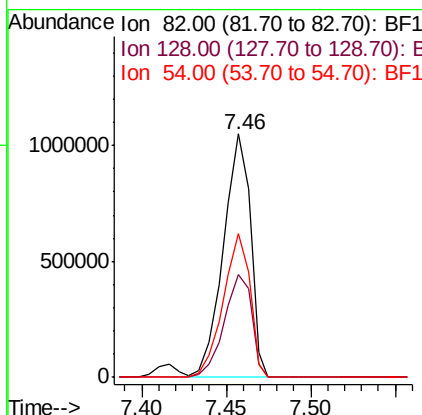
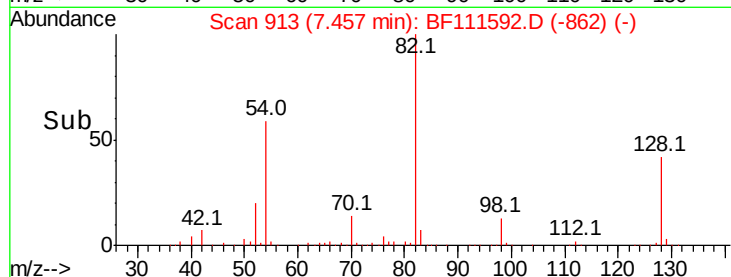
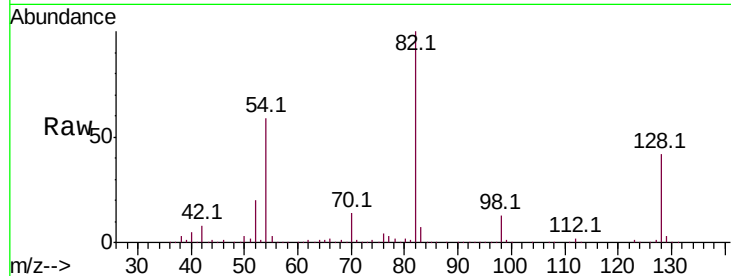
#23
 Nitrobenzene-d5
 Concen: 85.891 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	37.4	56.2
54	59.0	47.6	71.4

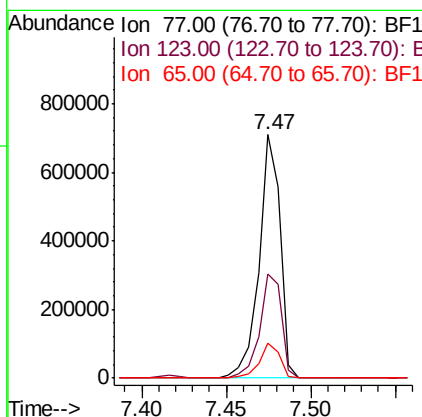
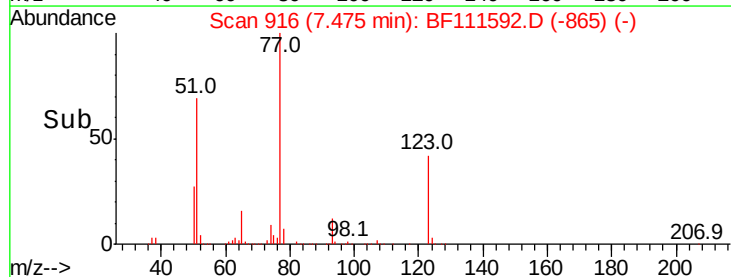
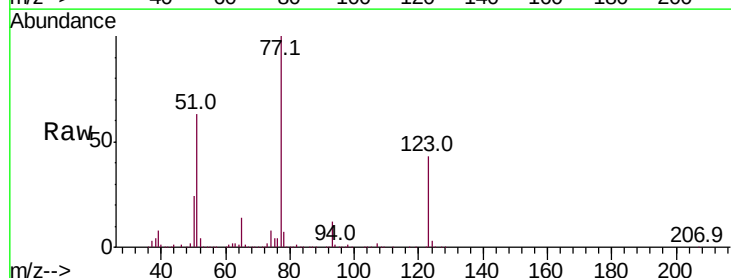
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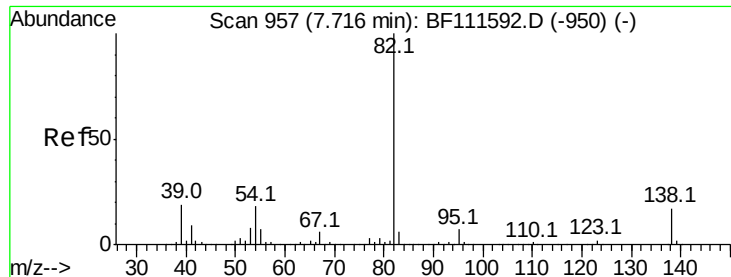
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#24
 Nitrobenzene
 Concen: 44.336 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	37.2	55.8
65	14.2	11.5	17.3





#25

Isophorone

Concen: 43.285 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

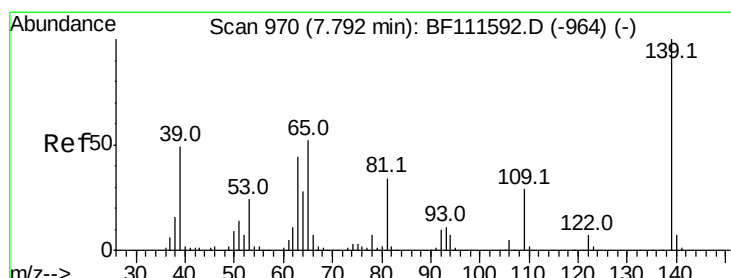
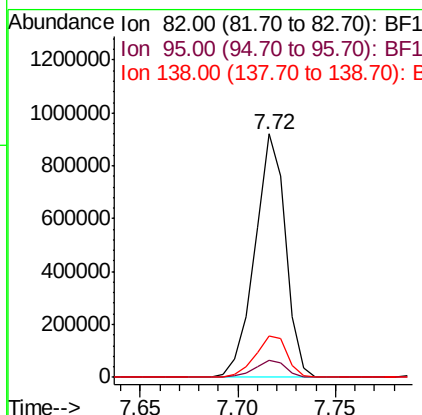
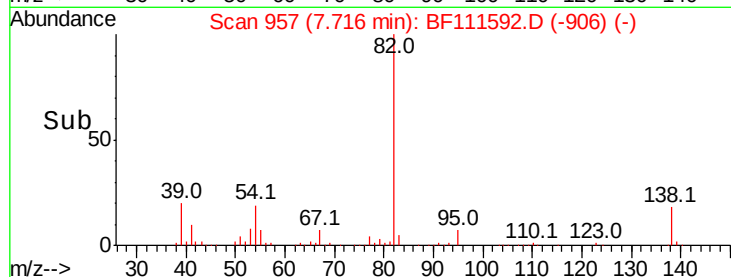
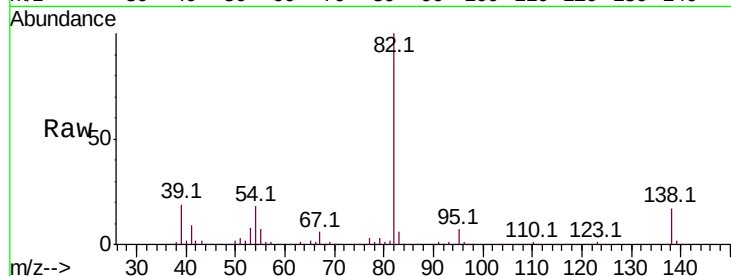
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	997086
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	17.2	15.1	22.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.852 ng

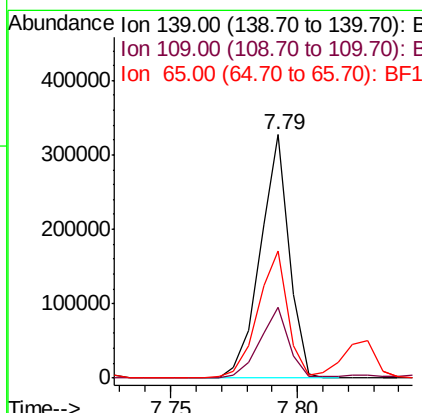
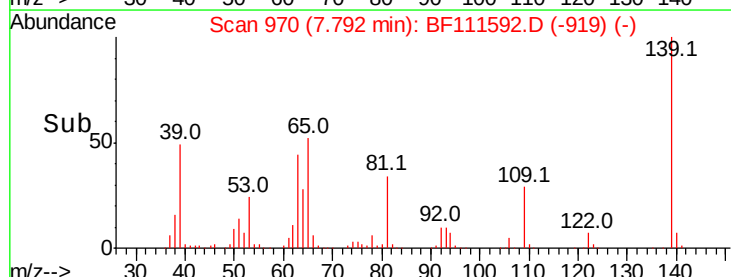
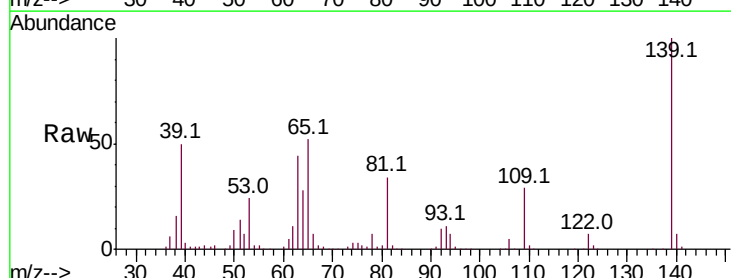
RT: 7.79 min Scan# 970

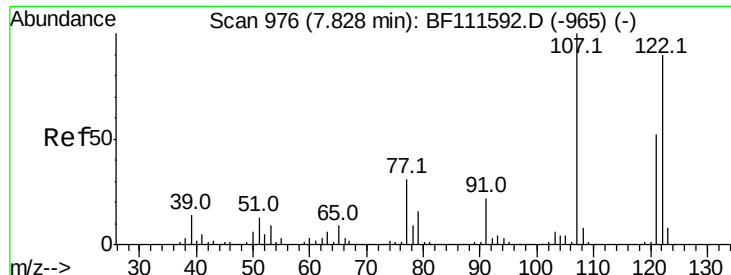
Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Tgt Ion:	139	Resp:	258211
Ion Ratio	Lower	Upper	
139	100		
109	29.1	20.2	30.4
65	52.3	40.7	61.1





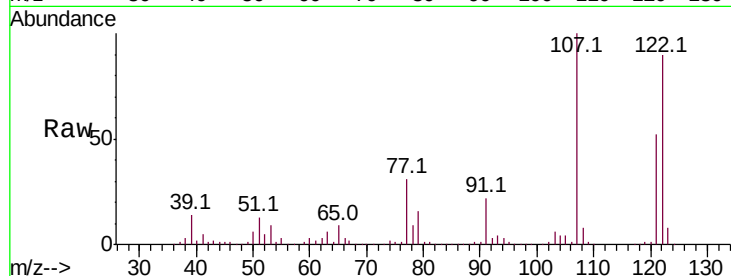
#27
2,4-Dimethylphenol
Concen: 45.807 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	85.5	128.3
121	58.5	46.6	70.0

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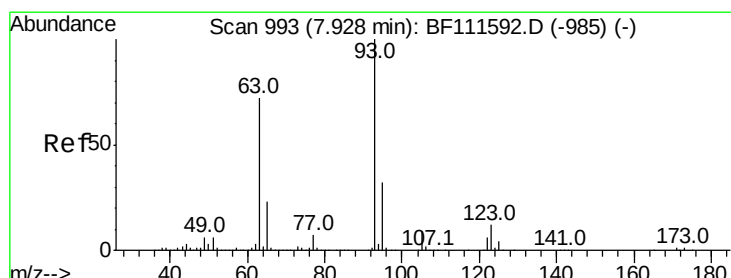
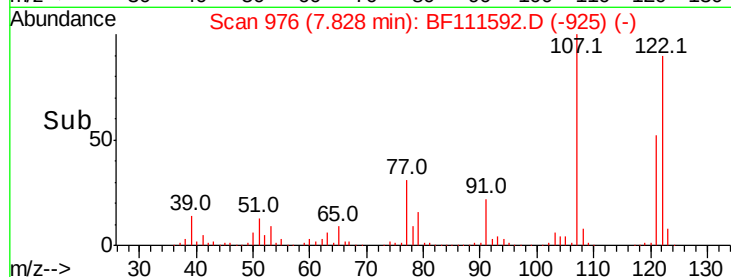
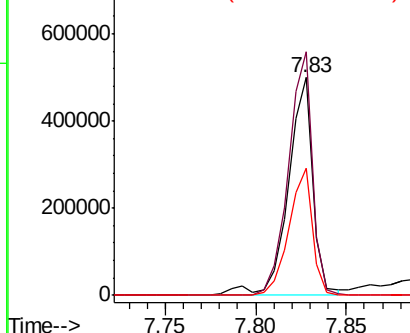


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 41.609 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

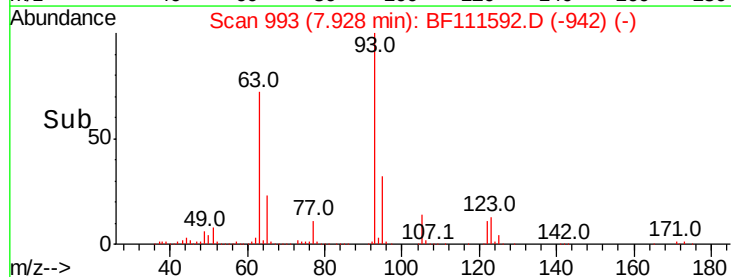
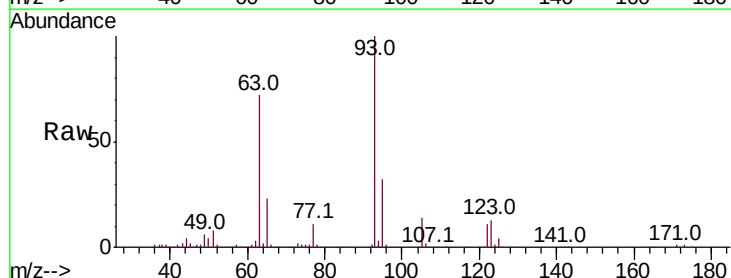
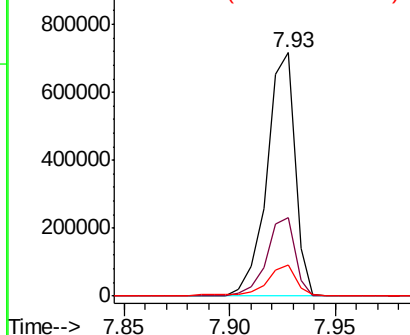
Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	27.1	40.7
123	12.9	9.9	14.9

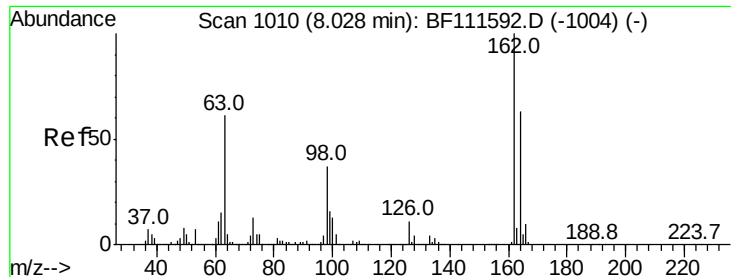
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





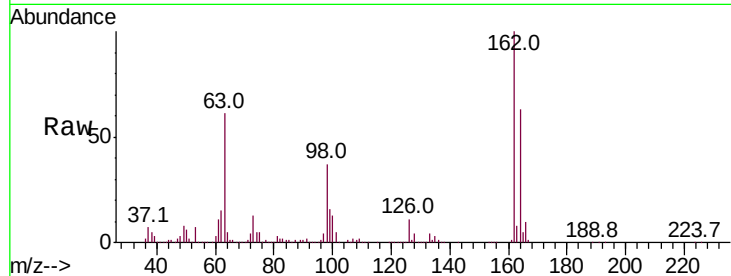
#29
2,4-Dichlorophenol
Concen: 45.818 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

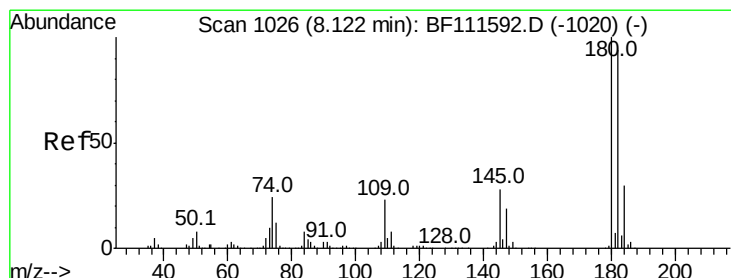
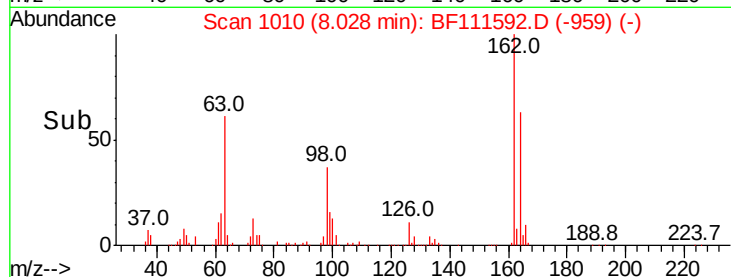
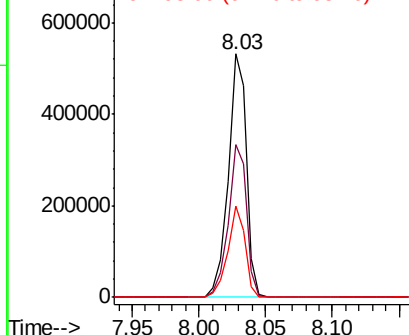
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.9	44.4	84.4	
98	37.4	20.3	60.3	

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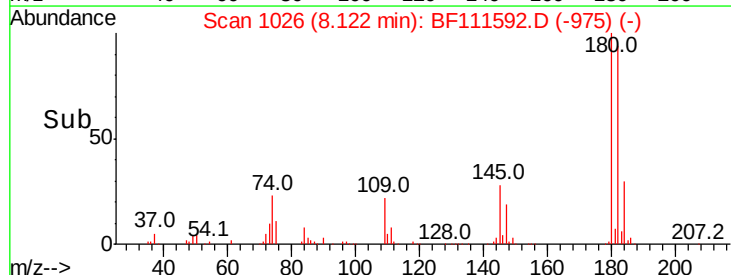
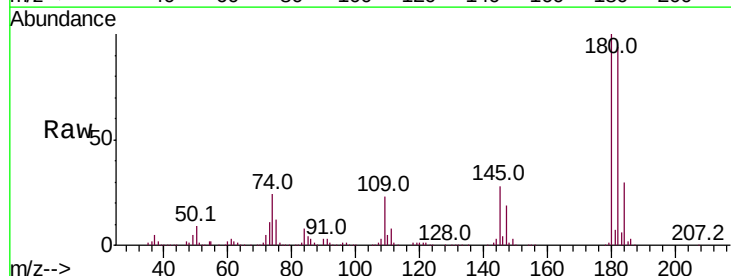
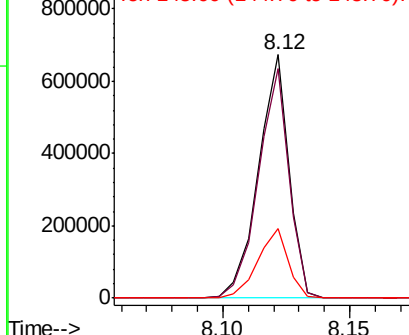
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

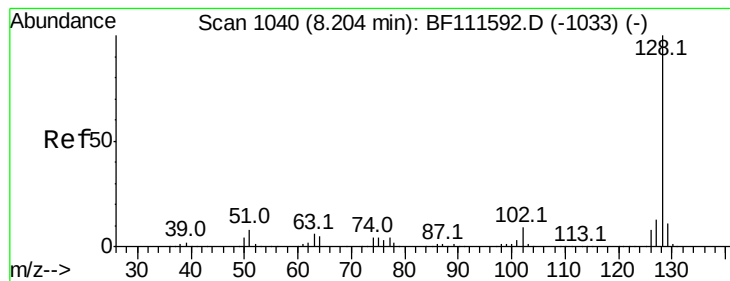


#30
1,2,4-Trichlorobenzene
Concen: 48.411 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.5	75.6	113.4	
145	28.3	26.7	40.1	

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.366 ng

RT: 8.20 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1568529

Ion Ratio Lower Upper

128 100

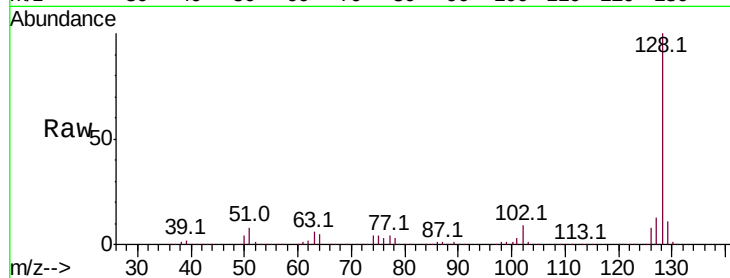
129 11.1 9.8 14.8

127 13.5 12.0 18.0

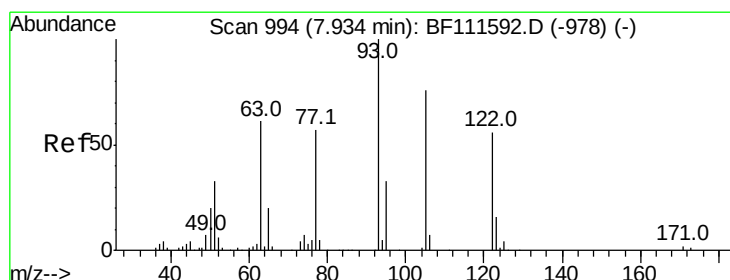
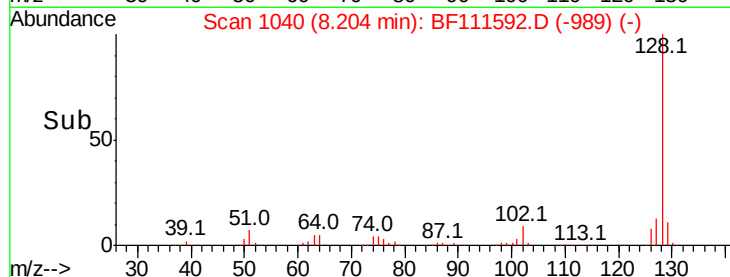
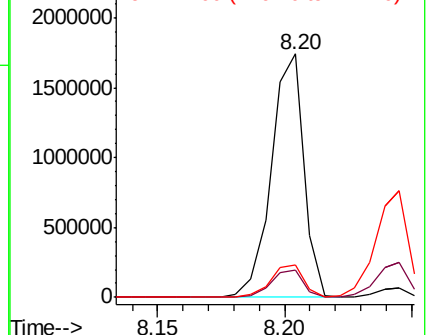
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.467 ng m

RT: 7.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

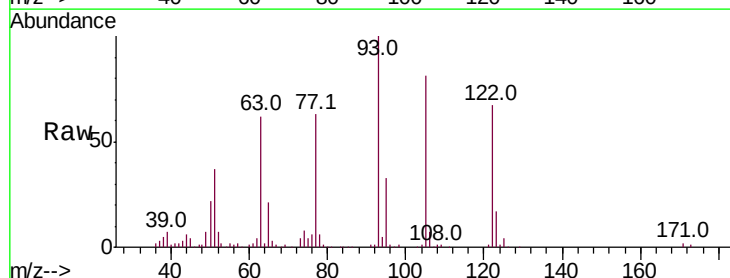
Tgt Ion:122 Resp: 320010

Ion Ratio Lower Upper

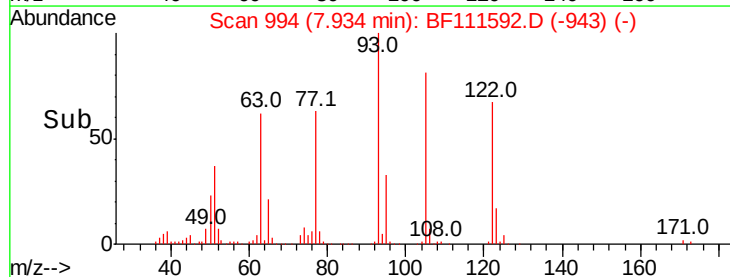
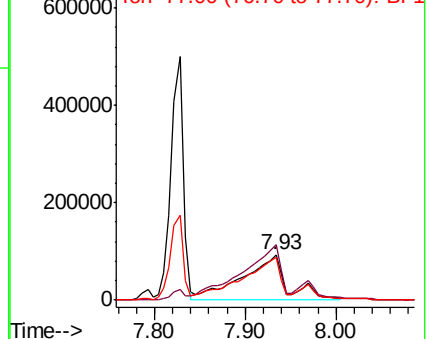
122 100

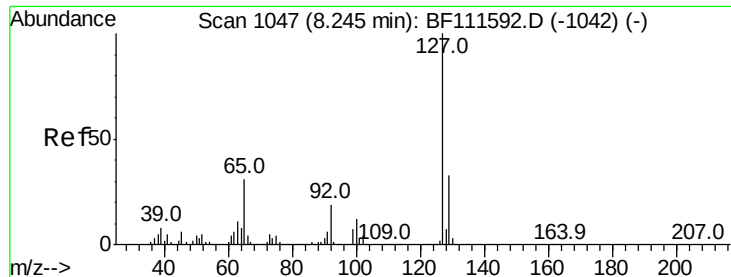
105 121.1 97.0 137.0

77 94.2 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





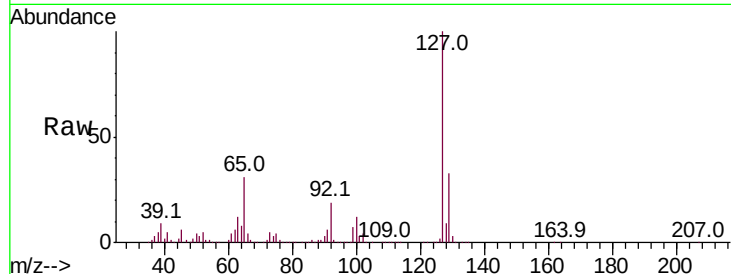
#33
4-Chloroaniline
Concen: 40.511 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

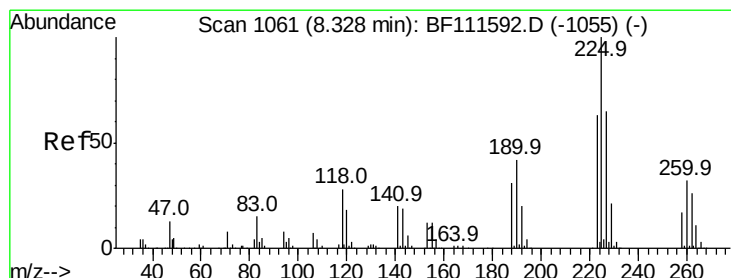
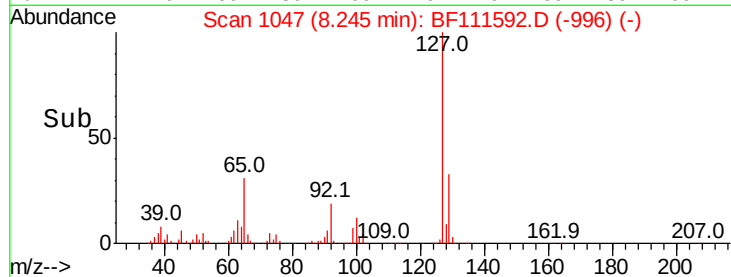
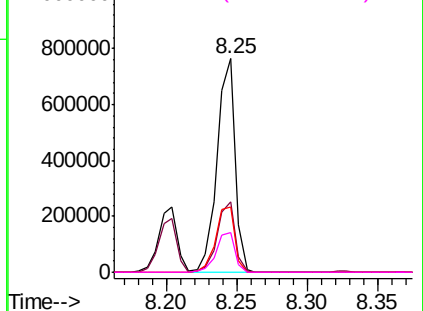
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.6	39.8	
65	30.7	25.7	38.5	
92	18.8	15.4	23.2	

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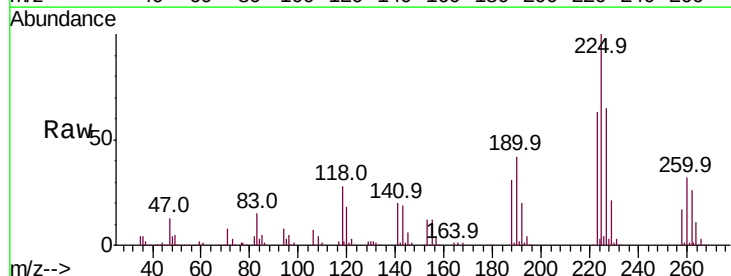


Abundance Ion 127.00 (126.70 to 127.70): E
1200000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

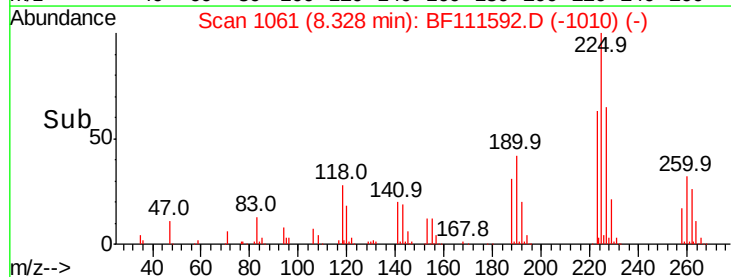
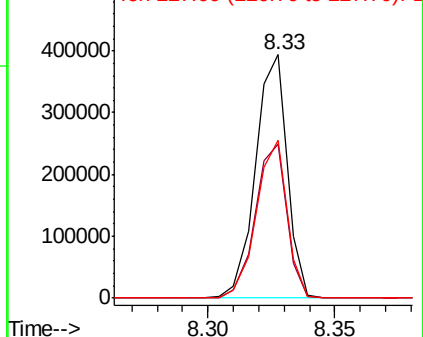


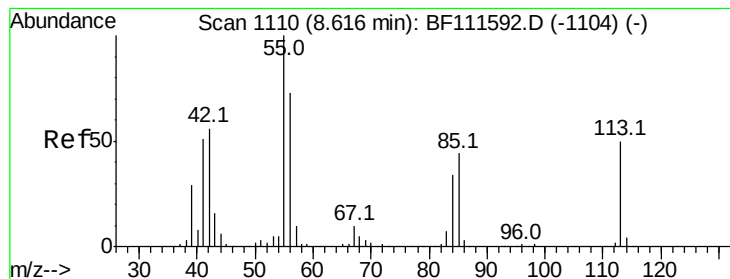
#34
Hexachlorobutadiene
Concen: 53.521 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	50.7	76.1	
227	64.7	52.6	78.8	



Abundance Ion 225.00 (224.70 to 225.70): E
500000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.522 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:113 Resp: 171828

Ion Ratio Lower Upper

113 100

55 199.7 184.1 224.1

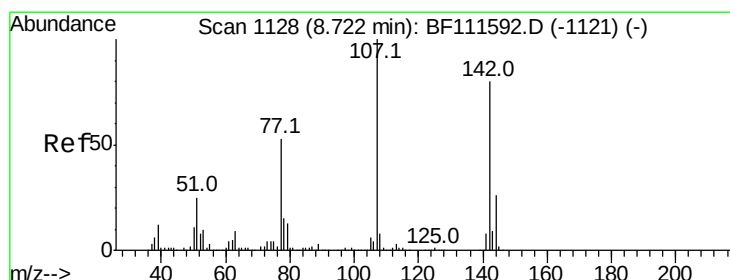
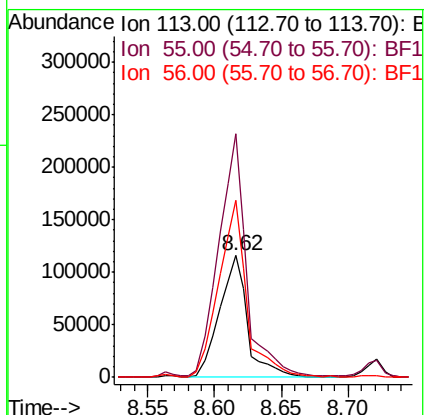
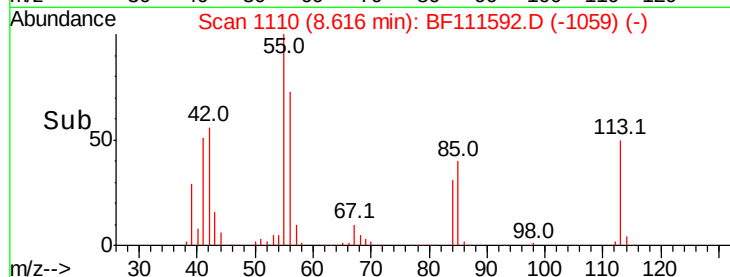
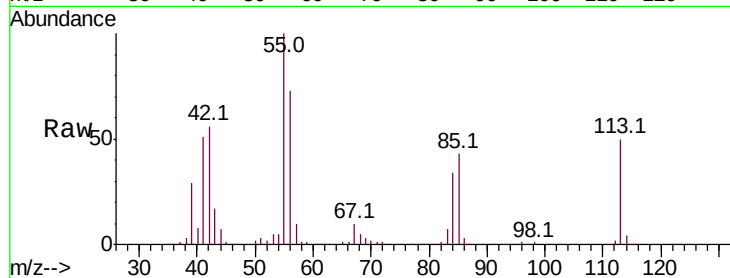
56 145.2 126.0 166.0

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#36

4-Chloro-3-methylphenol

Concen: 40.749 ng

RT: 8.72 min Scan# 1128

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

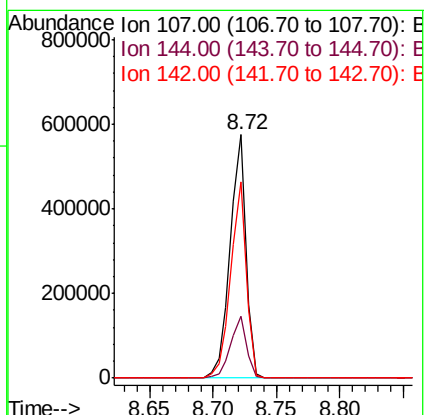
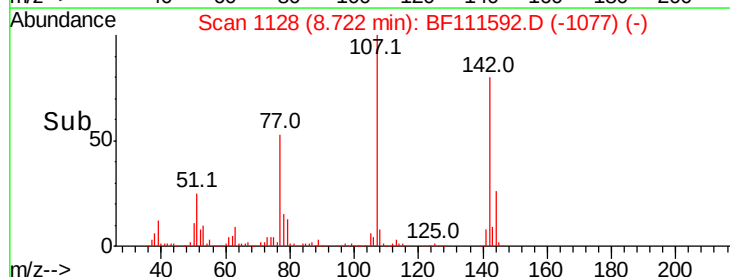
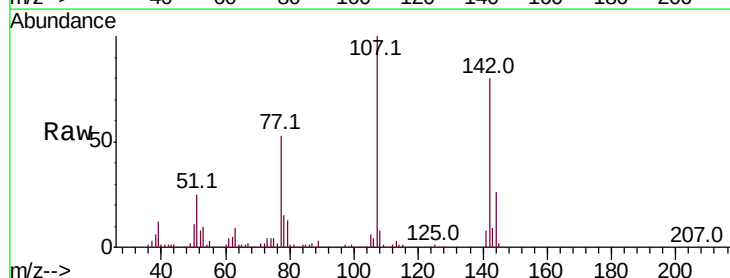
Tgt Ion:107 Resp: 499933

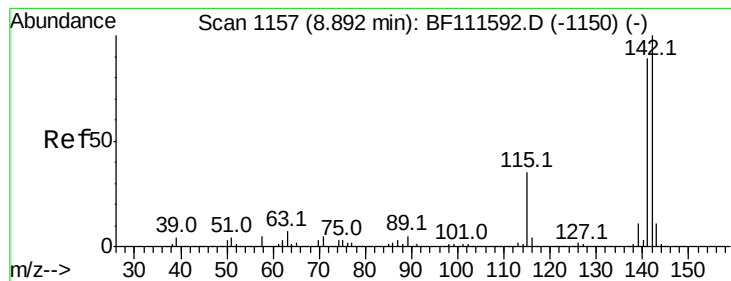
Ion Ratio Lower Upper

107 100

144 25.5 19.8 29.6

142 80.4 62.3 93.5





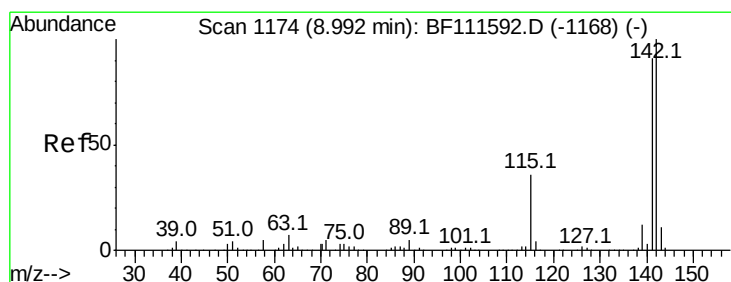
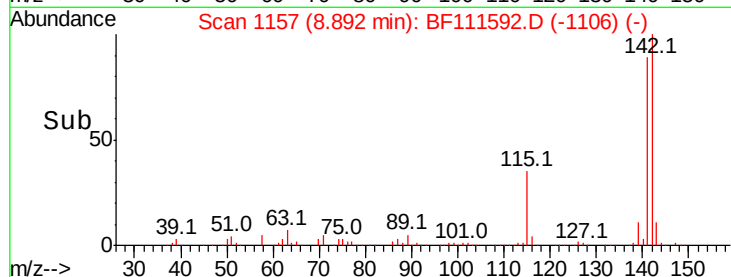
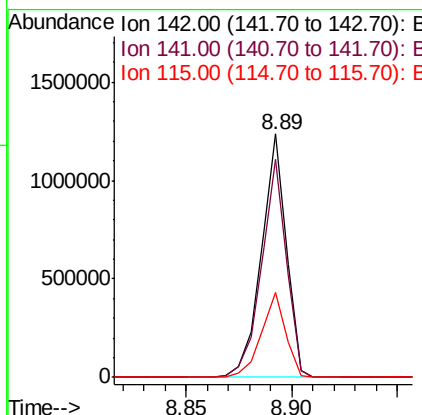
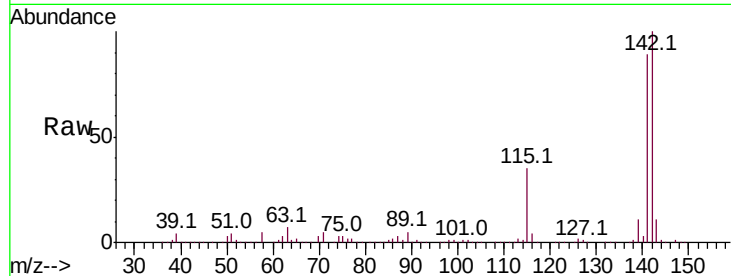
#37
2-Methylnaphthalene
Concen: 39.803 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.6	105.8
115	34.8	27.0	40.6

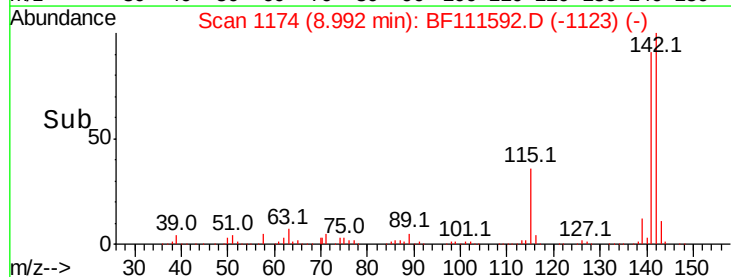
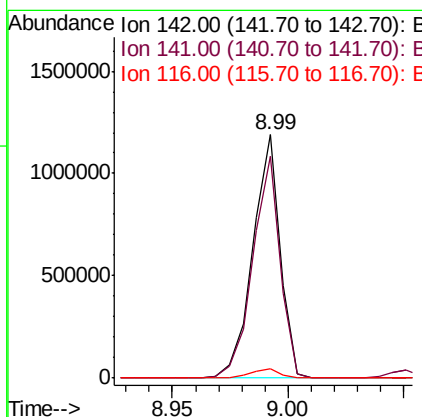
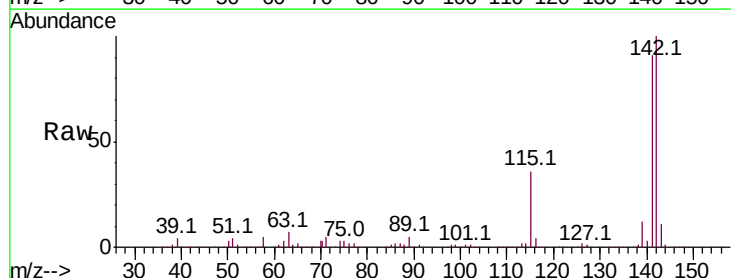
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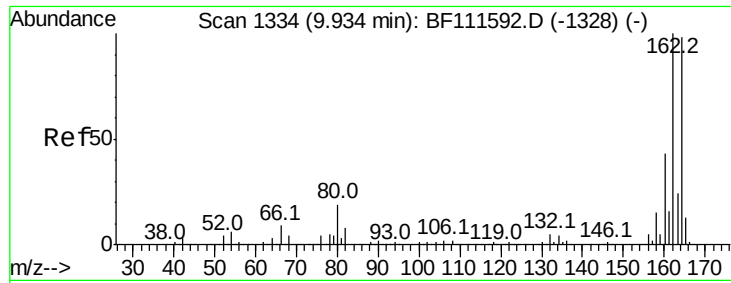
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#38
1-Methylnaphthalene
Concen: 39.650 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.2	111.4
116	3.7	2.9	4.3





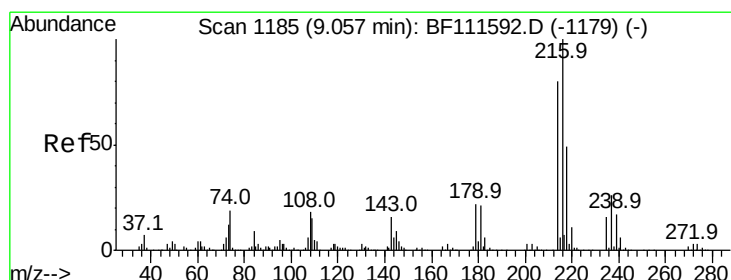
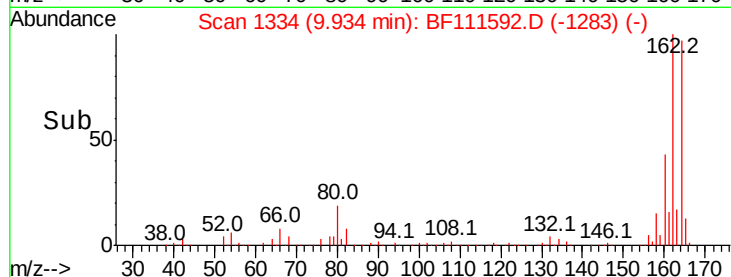
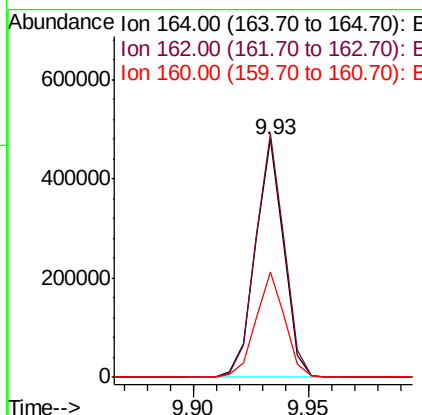
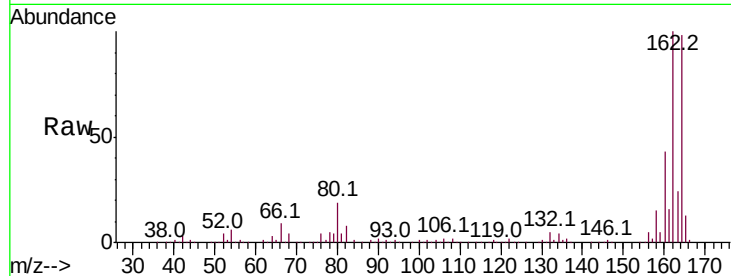
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.4	122.0
160	44.4	35.7	53.5

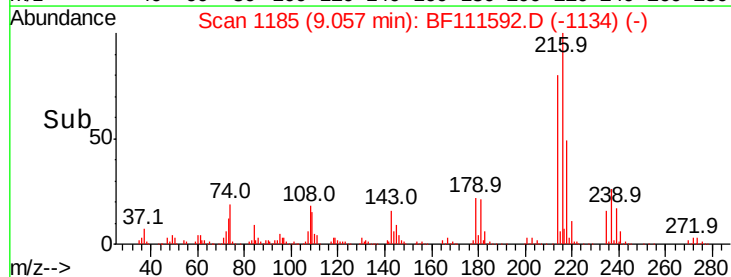
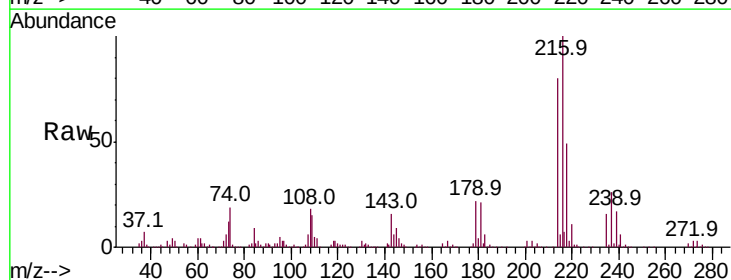
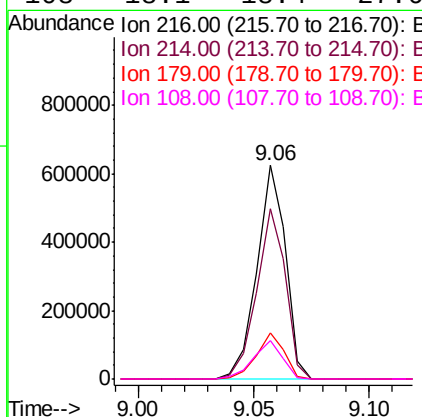
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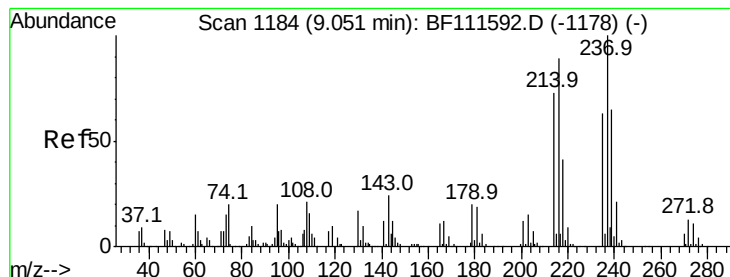
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.169 ng
RT: 9.06 min Scan# 1185
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.8	95.8
179	20.9	17.9	26.9
108	18.1	18.4	27.6#





#41

Hexachlorocyclopentadiene

Concen: 46.530 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

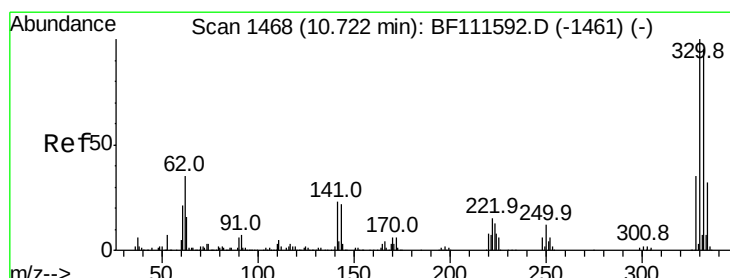
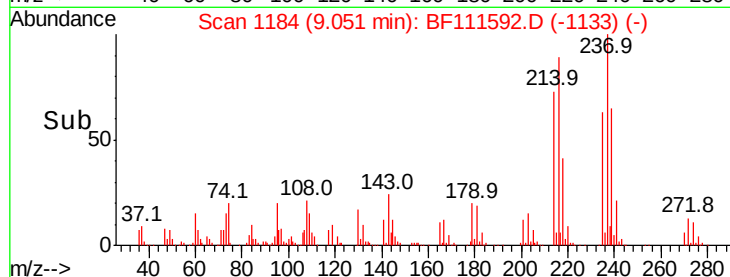
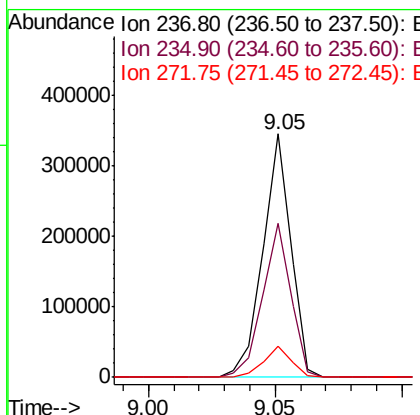
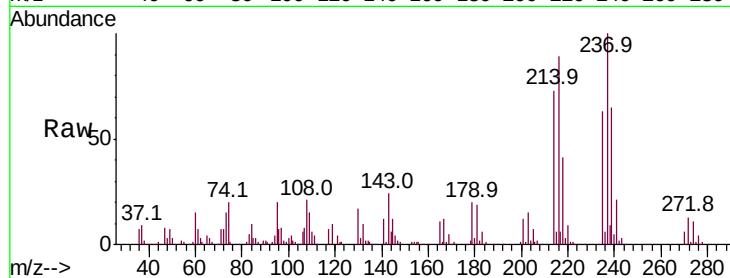
ClientSampleId :

SSTDICCC040

Tot Ion:	237	Resp:	269033
Ion Ratio		Lower	Upper
237	100		
235	63.4	43.1	83.1
272	12.6	0.0	33.0

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#42

2,4,6-Tribromophenol

Concen: 108.625 ng

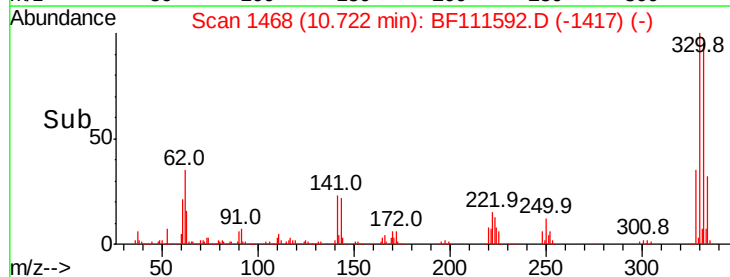
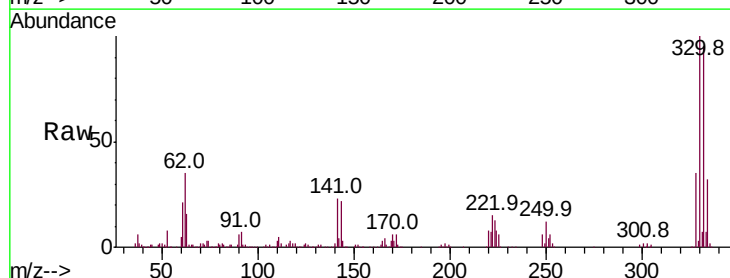
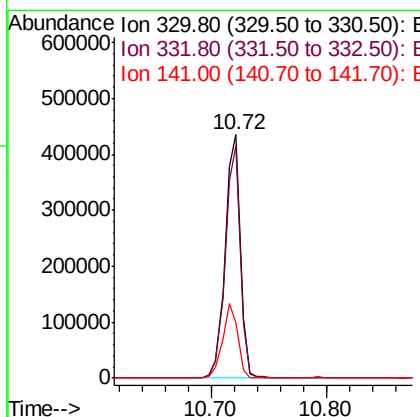
RT: 10.72 min Scan# 1468

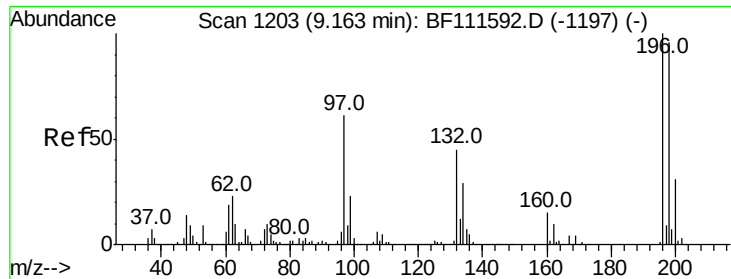
Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Tgt Ion:	330	Resp:	399579
Ion Ratio		Lower	Upper
330	100		
332	94.2	76.0	114.0
141	30.3	31.0	46.6#





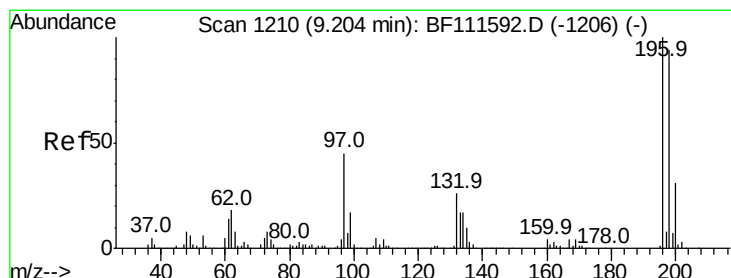
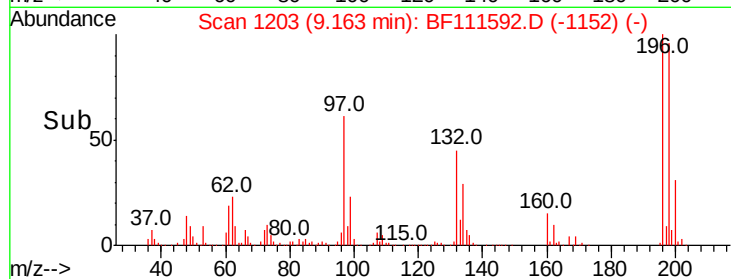
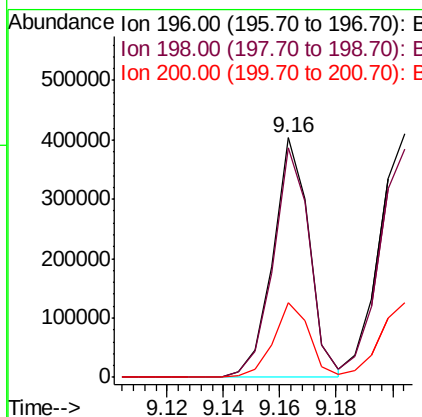
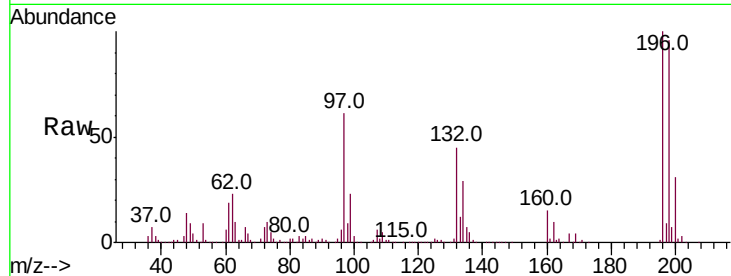
#43
2,4,6-Trichlorophenol
Concen: 44.927 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	358091		
198	95.9	76.3	114.5	
200	30.9	24.9	37.3	

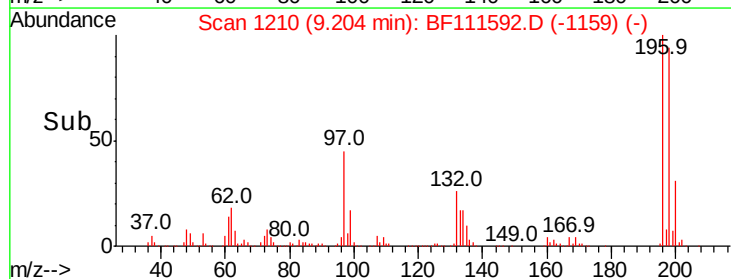
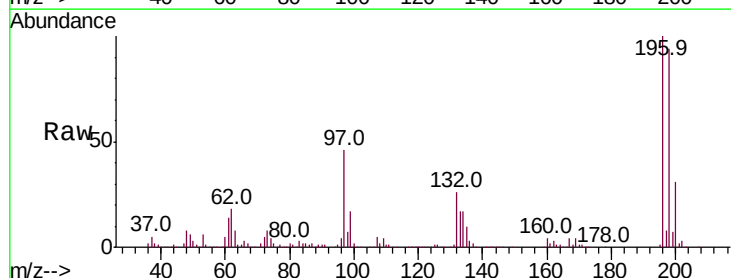
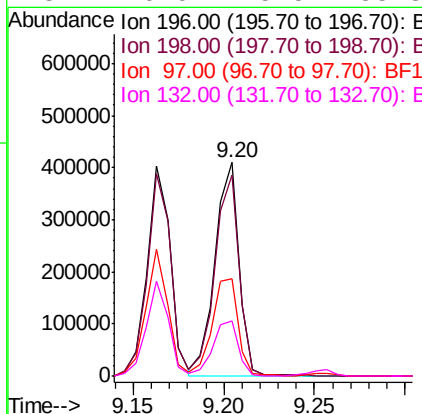
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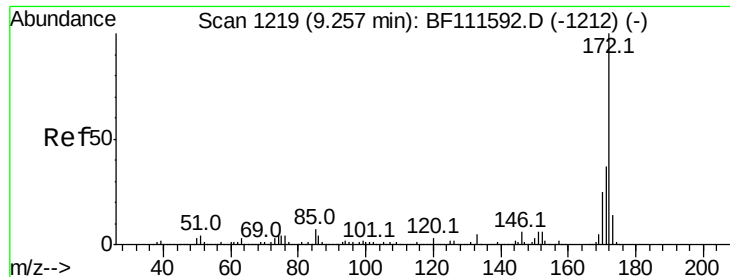
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#44
2,4,5-Trichlorophenol
Concen: 44.486 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	377315		
198	93.9	72.9	109.3	
97	45.6	45.3	67.9	
132	26.0	25.5	38.3	





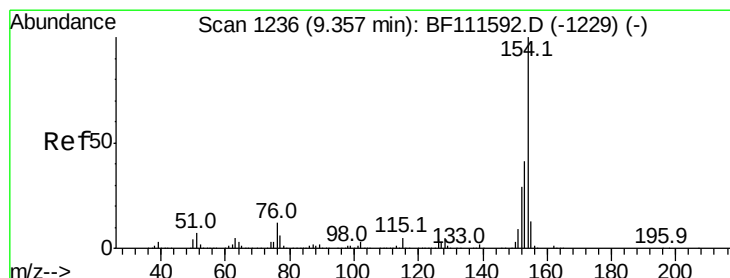
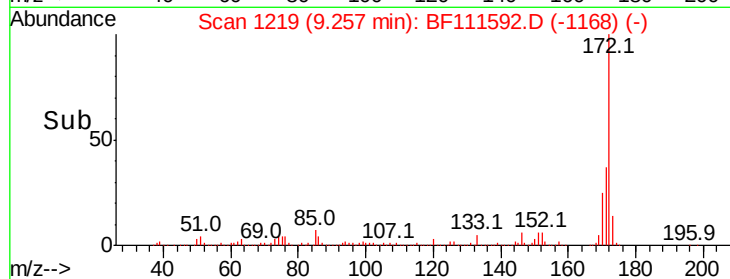
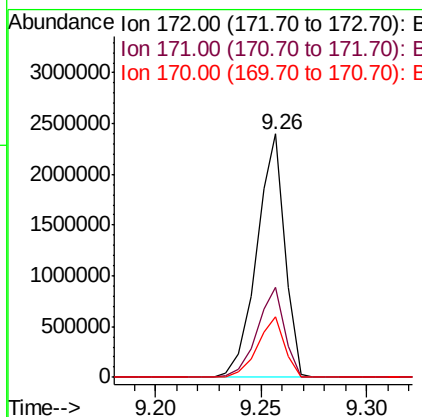
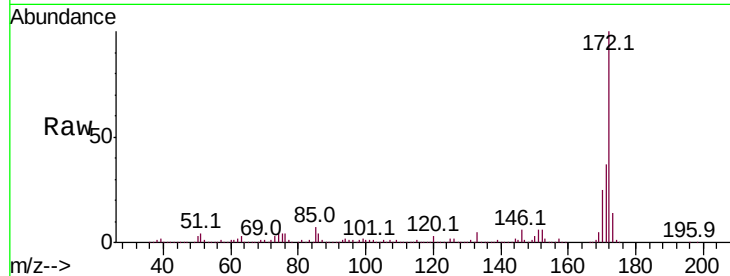
#45
2-Fluorobiphenyl
Concen: 82.971 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	33.0	49.4
170	25.1	22.3	33.5

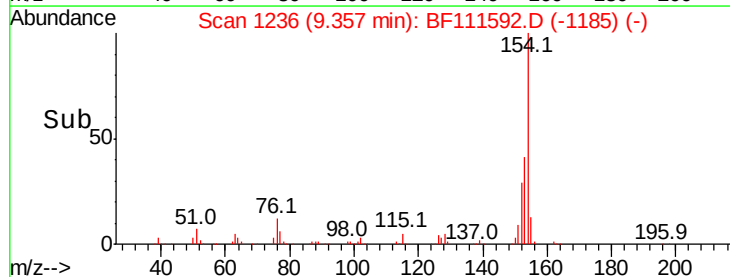
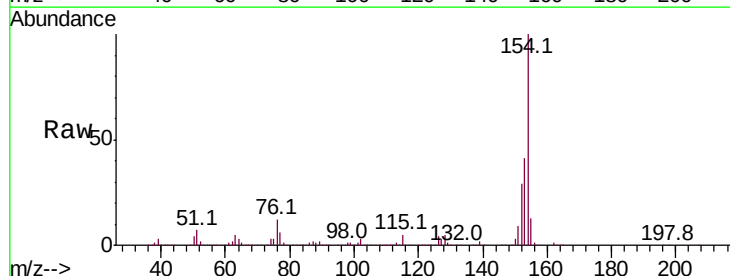
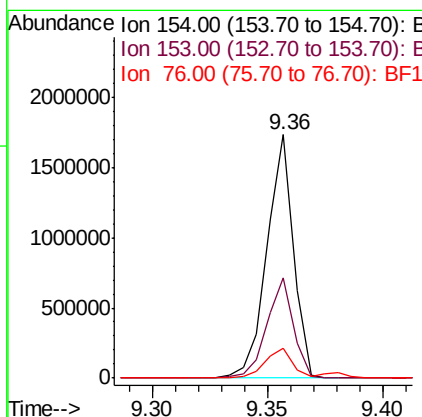
Manual Integrations
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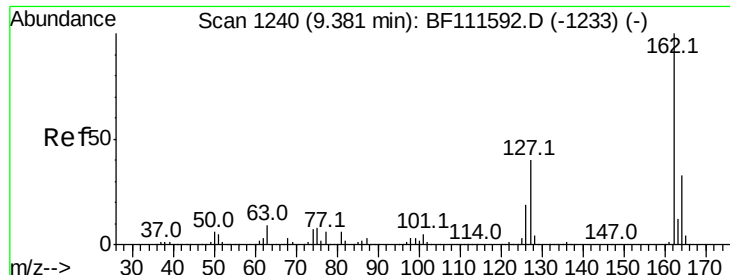
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#46
1,1'-Biphenyl
Concen: 39.900 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.7	63.7
76	12.3	0.0	35.0





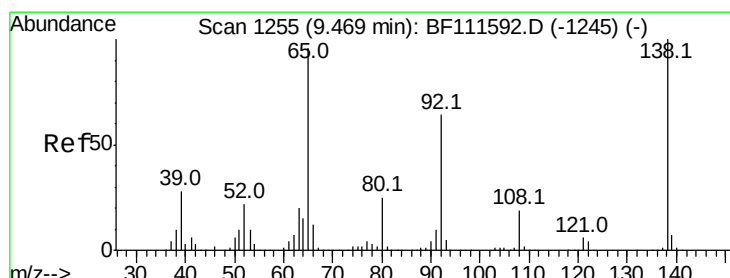
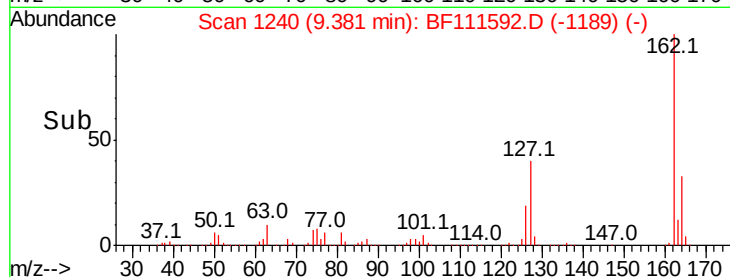
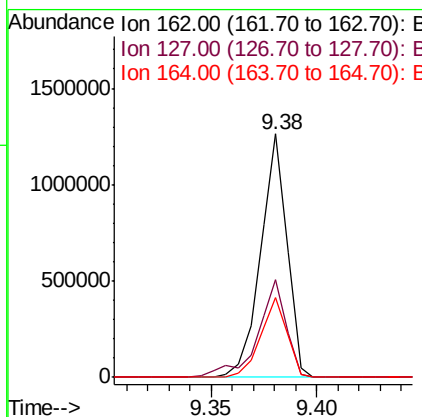
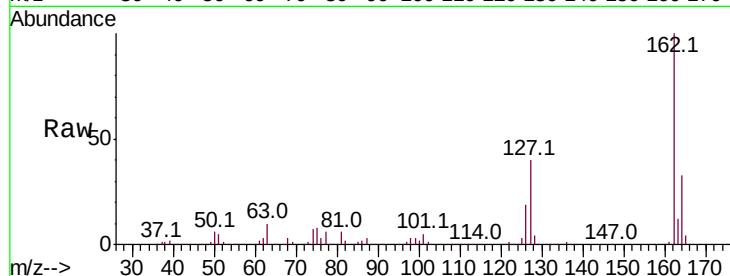
#47
2-Chloronaphthalene
Concen: 41.425 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	35.0	52.4
164	33.0	28.4	42.6

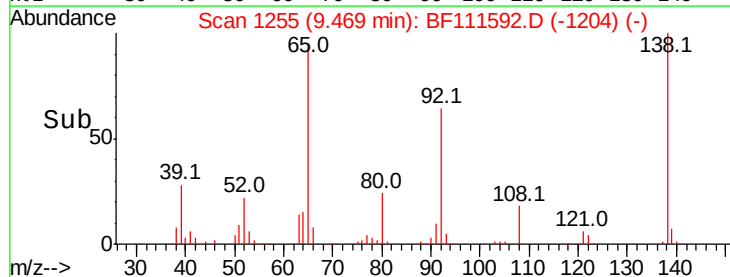
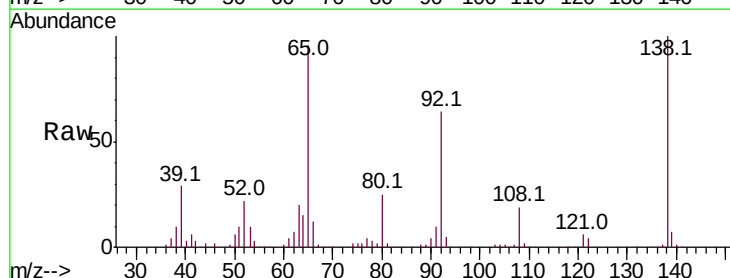
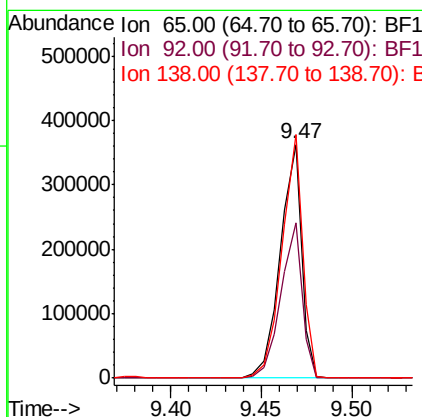
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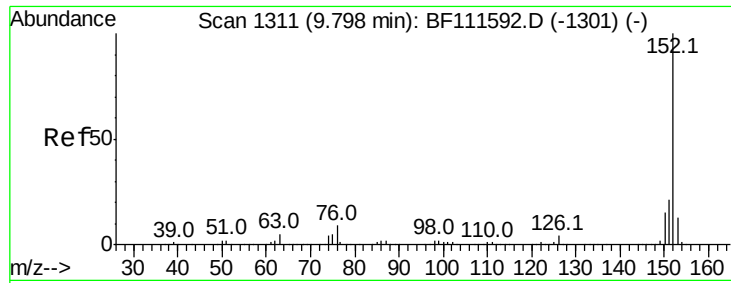
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#48
2-Nitroaniline
Concen: 34.558 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.5	53.5	80.3
138	104.3	80.9	121.3





#49

Acenaphthylene

Concen: 40.716 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

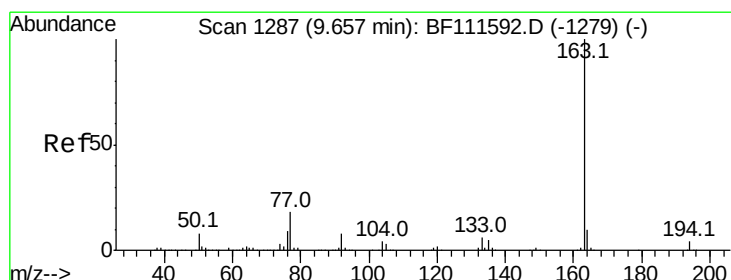
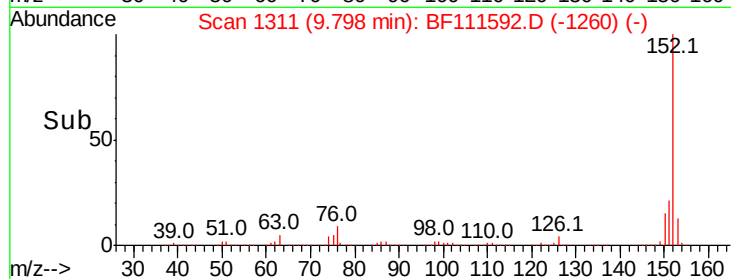
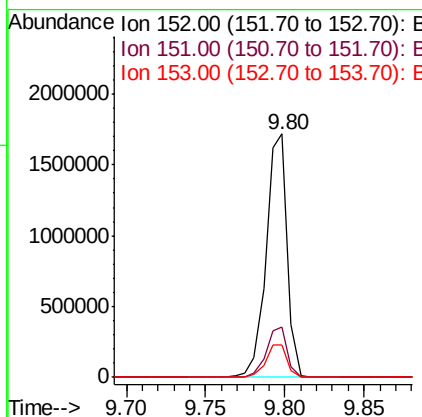
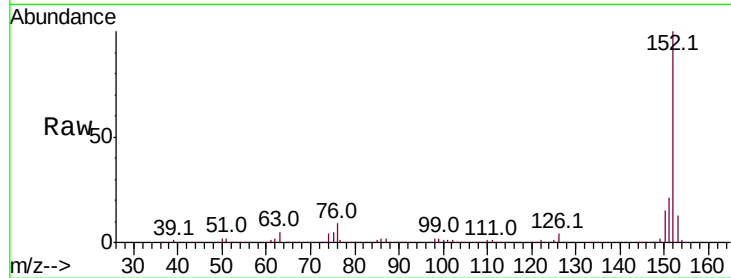
ClientSampleId :

SSTDICCC040

Tot Ion:	152	Resp:	1598427
Ion Ratio	Lower	Upper	
152	100		
151	20.7	18.0	27.0
153	13.4	12.3	18.5

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.867 ng

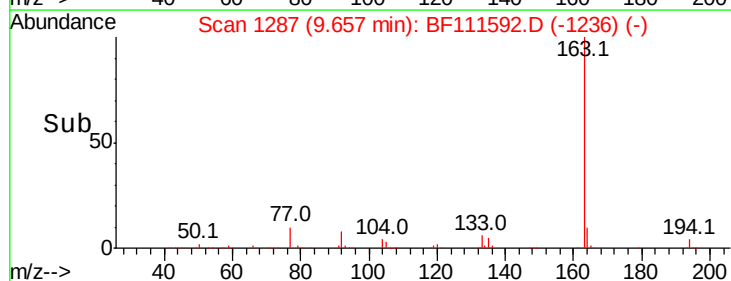
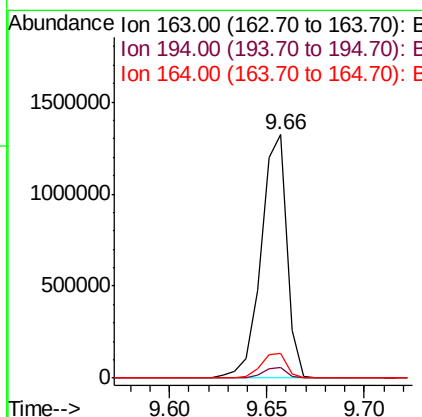
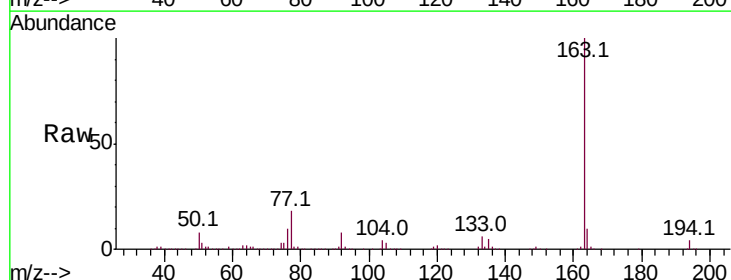
RT: 9.66 min Scan# 1287

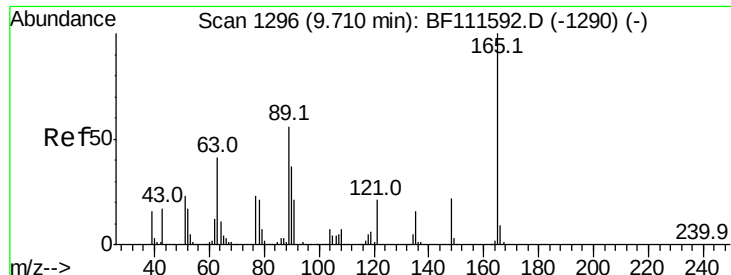
Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Tgt Ion:	163	Resp:	1208588
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.0	4.6
164	10.0	8.9	13.3





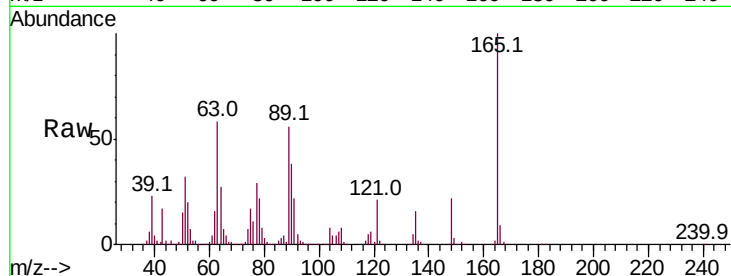
#51
2,6-Dinitrotoluene
Concen: 37.349 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	40.5	60.7
89	55.9	40.0	60.0

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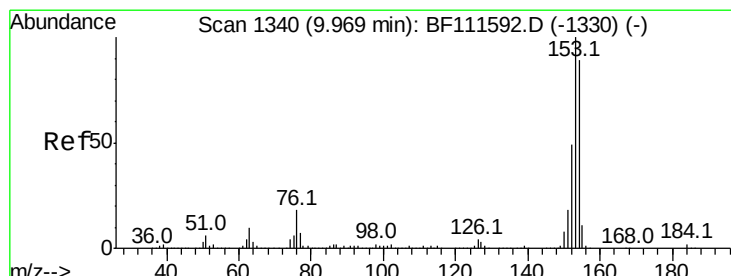
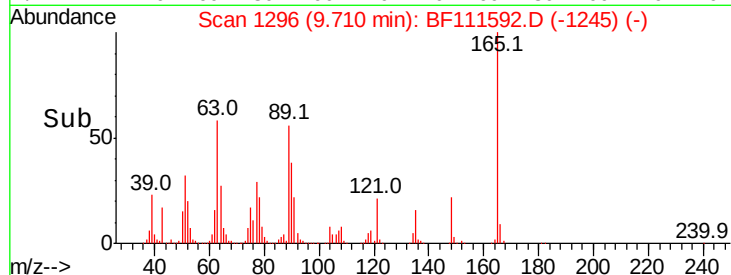
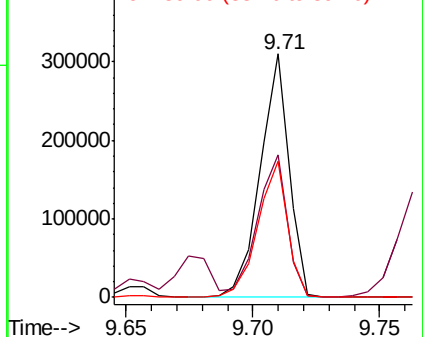


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 39.344 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

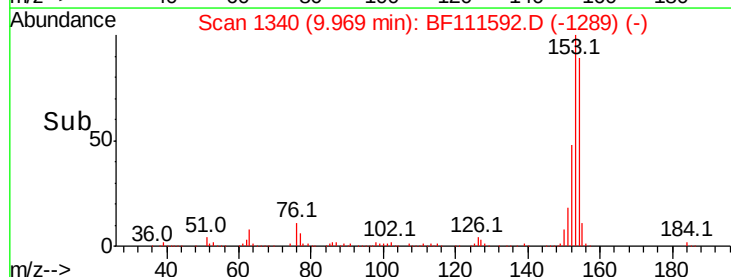
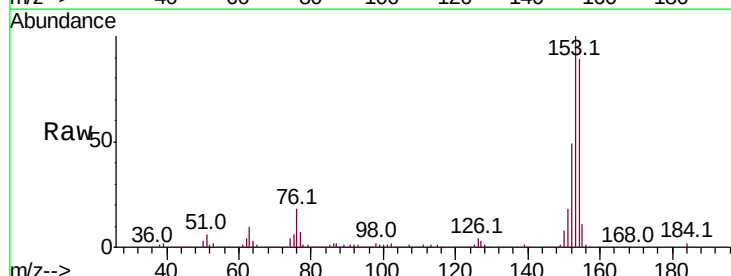
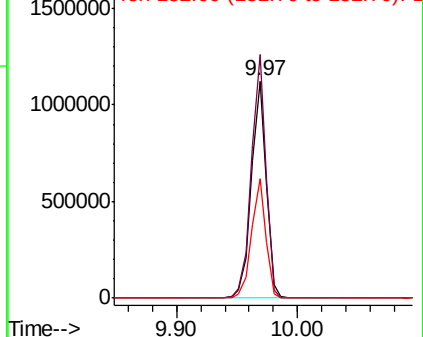
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	87.8	131.8
152	54.8	43.4	65.2

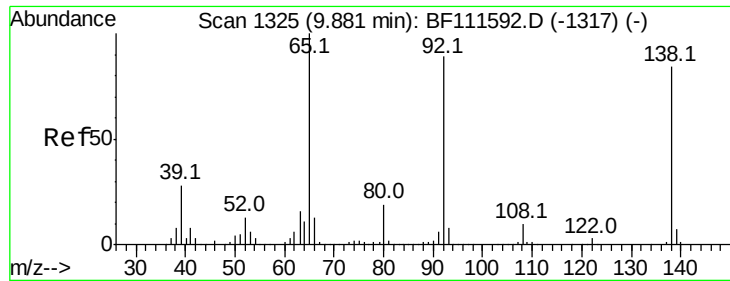
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





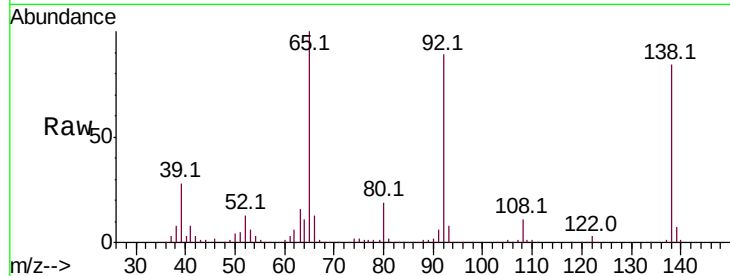
#53
3-Nitroaniline
Concen: 35.041 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

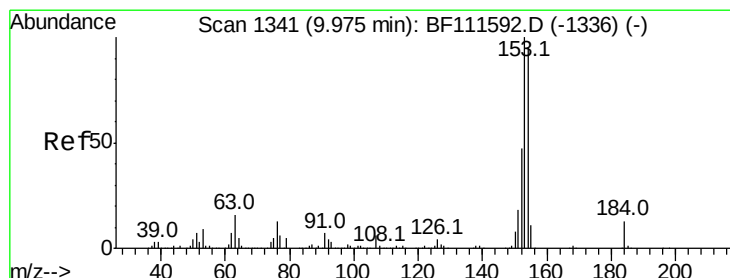
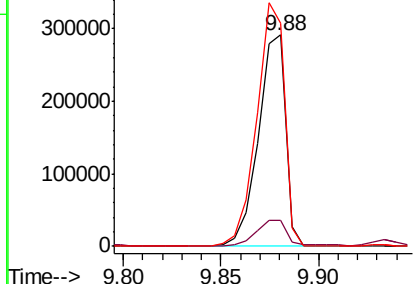
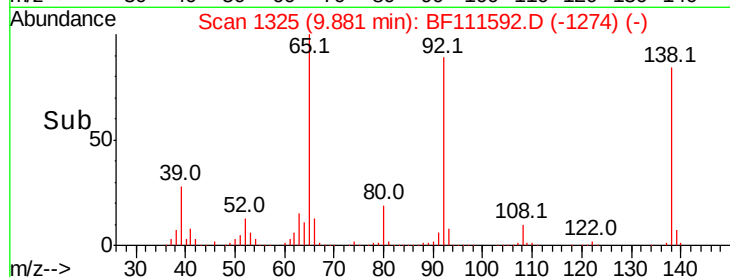
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	8.2	12.4#
92	105.9	93.4	140.2

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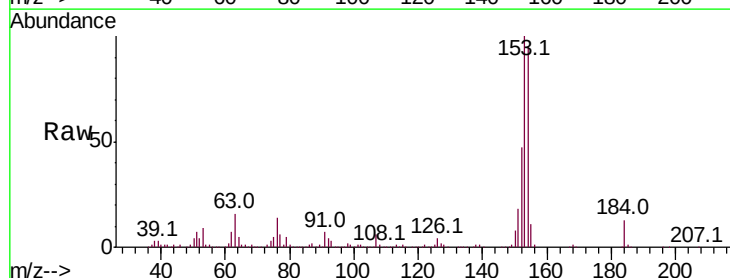


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

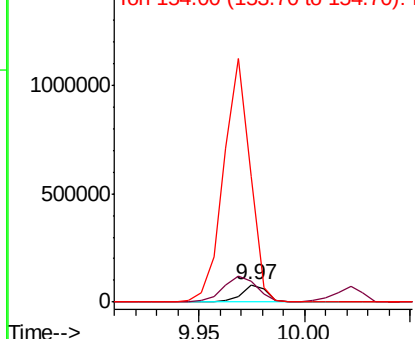
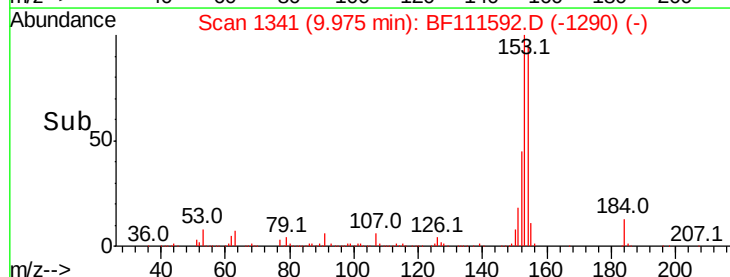


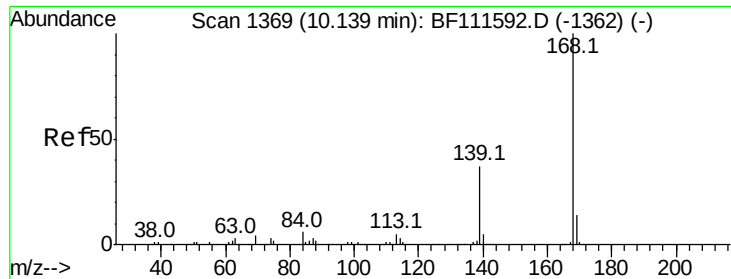
#54
2,4-Dinitrophenol
Concen: 26.070 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	122.5	62.3	93.5#
154	729.0	56.2	84.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





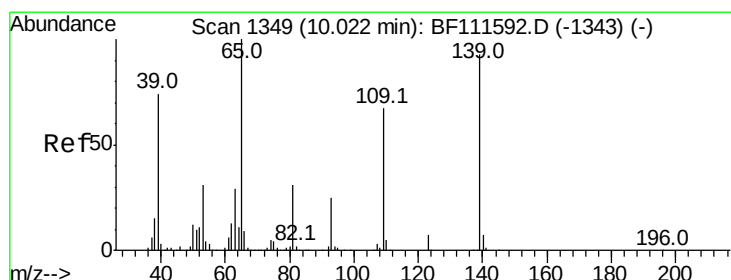
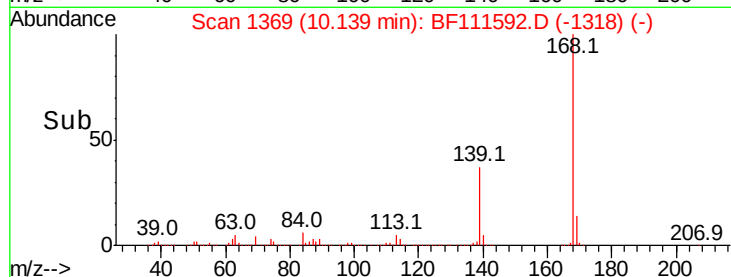
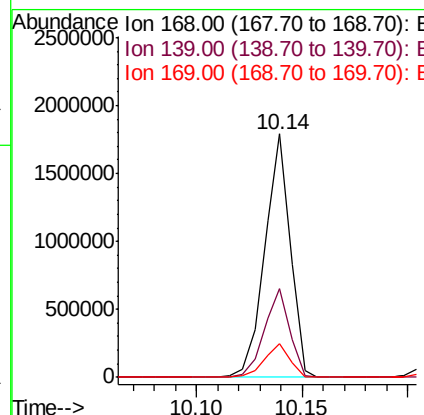
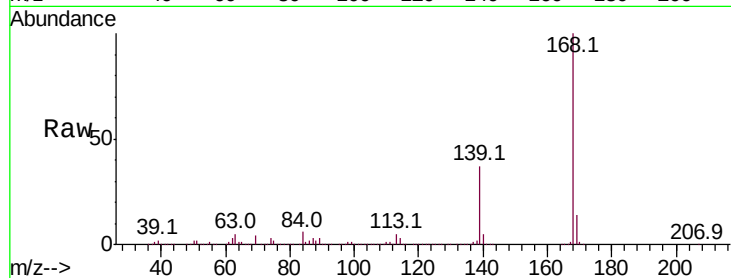
#55
Dibenzofuran
Concen: 41.693 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	32.6	49.0
169	13.9	11.8	17.6

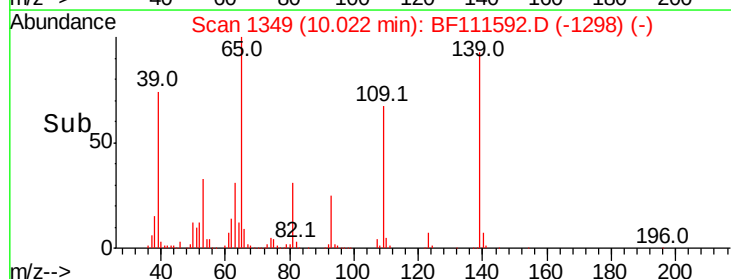
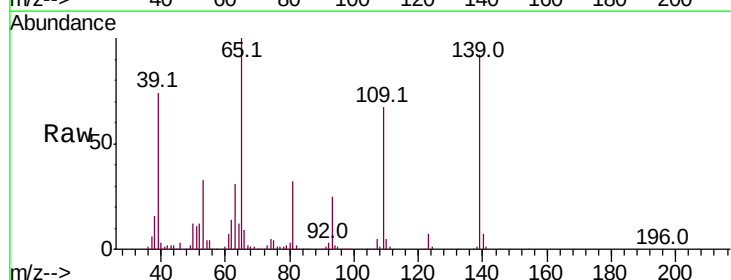
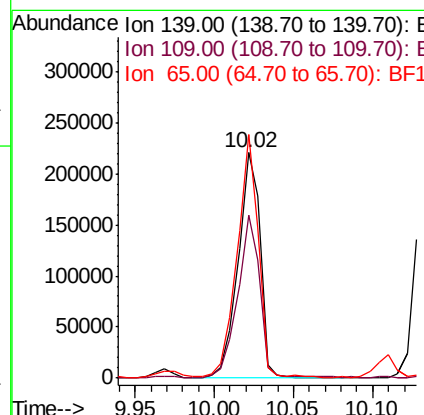
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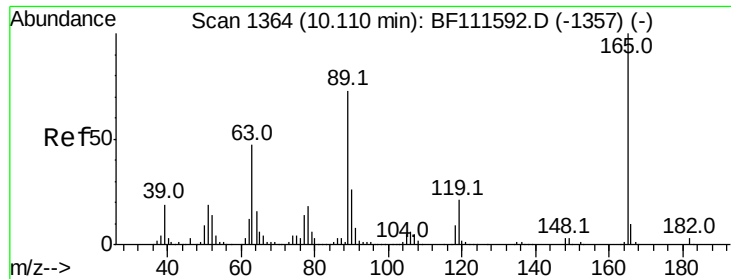
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#56
4-Nitrophenol
Concen: 38.482 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.5	41.8	81.8
65	108.2	79.6	119.6





#57

2,4-Dinitrotoluene

Concen: 34.838 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

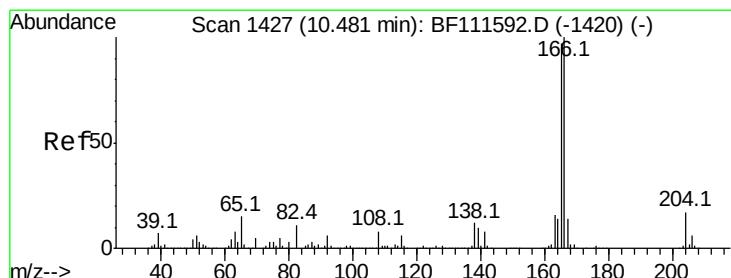
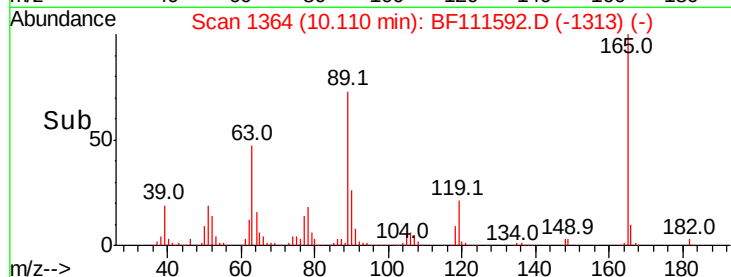
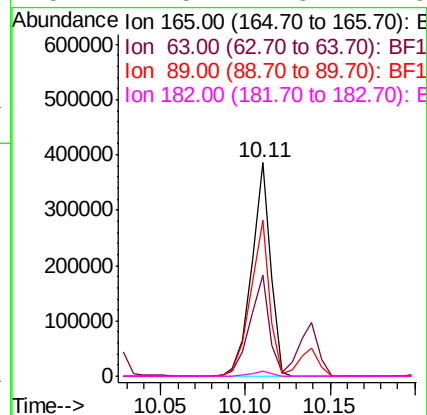
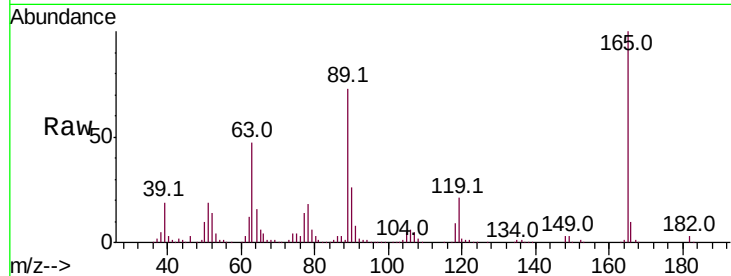
ClientSampleId :

SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		304391		
63	47.2		34.6	52.0	
89	72.9		56.2	84.4	
182	2.5		1.8	2.6	

Manual Integrations
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#58

Fluorene

Concen: 40.666 ng

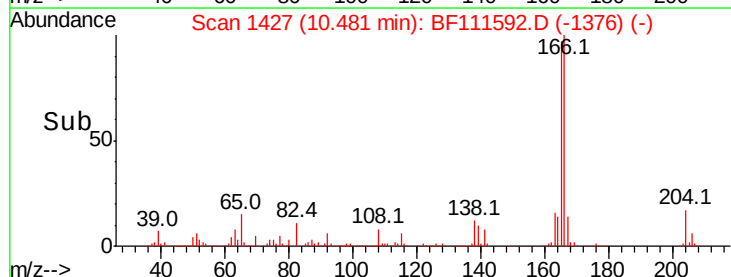
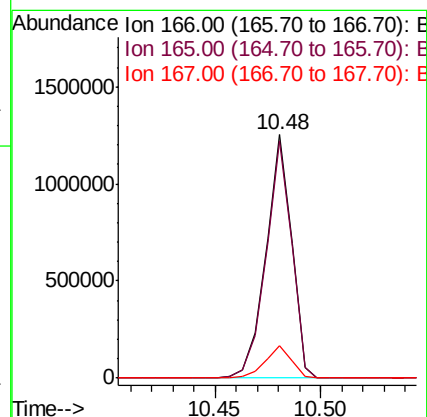
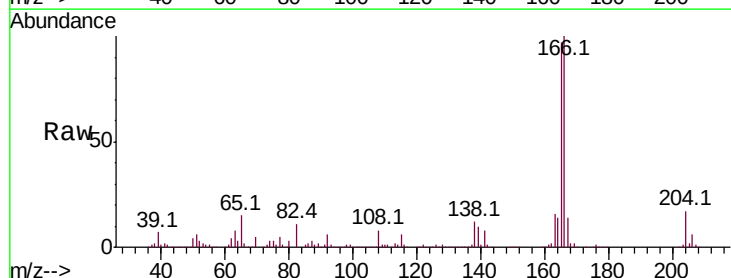
RT: 10.48 min Scan# 1427

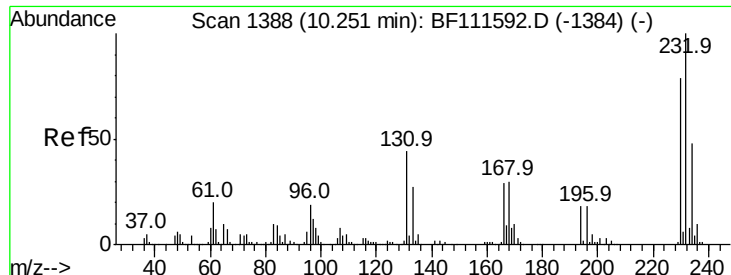
Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1062381		
165	97.2		78.4	117.6	
167	13.5		11.2	16.8	





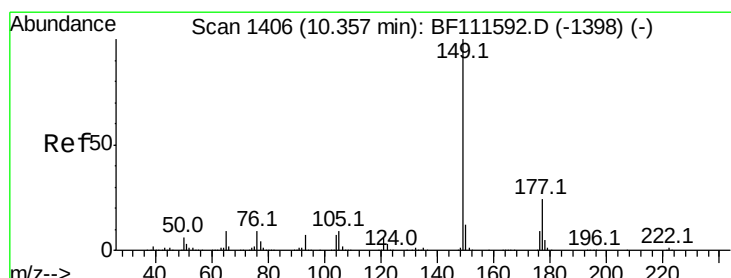
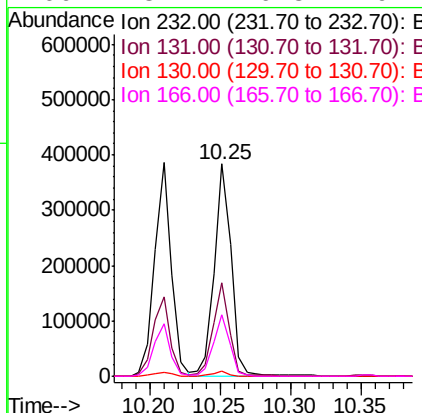
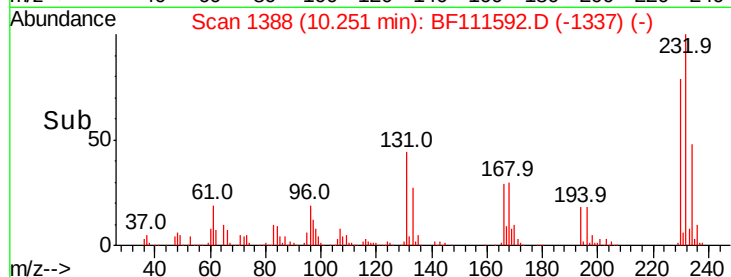
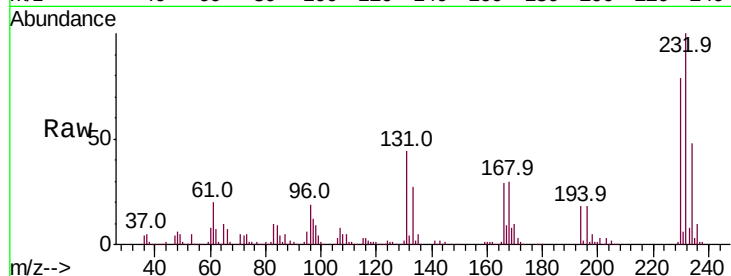
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.923 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	317579		
131	42.1		40.9	61.3
130	2.1		2.0	3.0
166	28.2		26.8	40.2

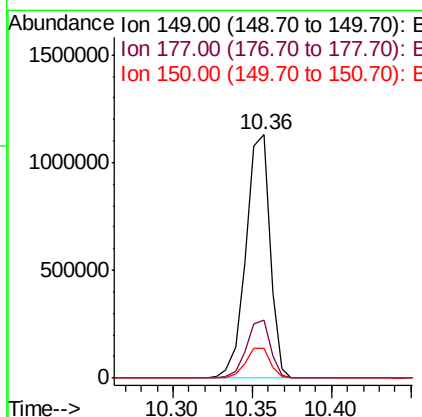
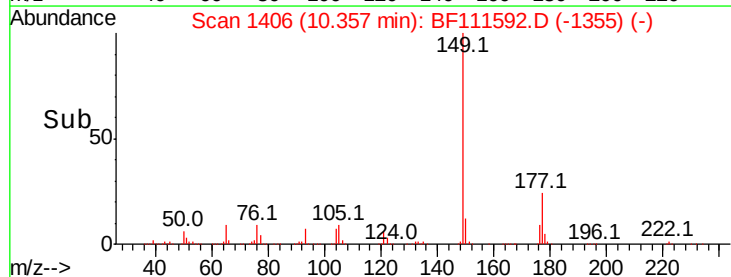
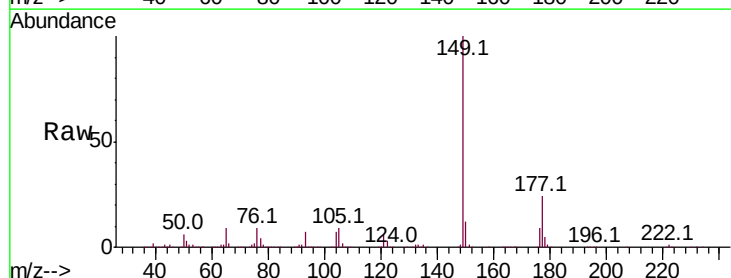
Manual Integrations
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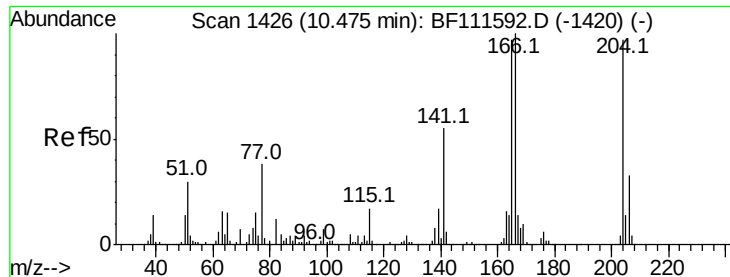
Sohil
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#60
 Diethylphthalate
 Concen: 39.686 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1188885		
177	24.0		18.3	27.5
150	12.2		10.6	15.8





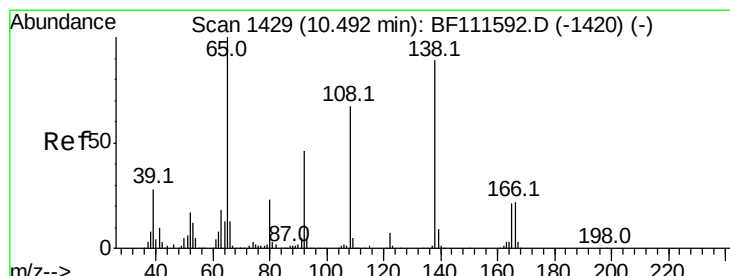
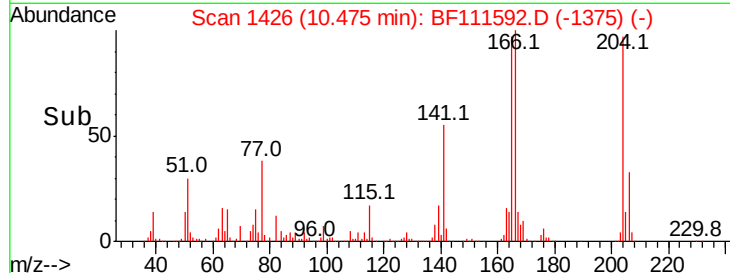
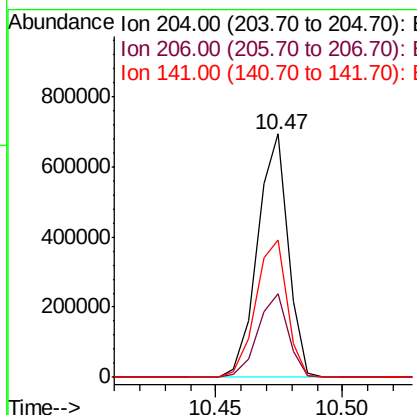
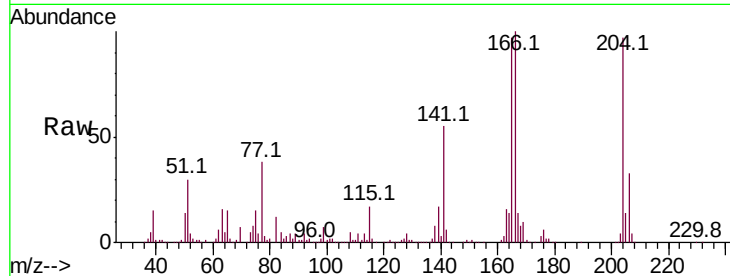
#61
 4-Chlorophenyl-phenylether
 Concen: 45.804 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	204	Resp:	585436
Ion Ratio	Lower	Upper	
204	100		
206	34.3	26.6	39.8
141	56.5	52.6	78.8

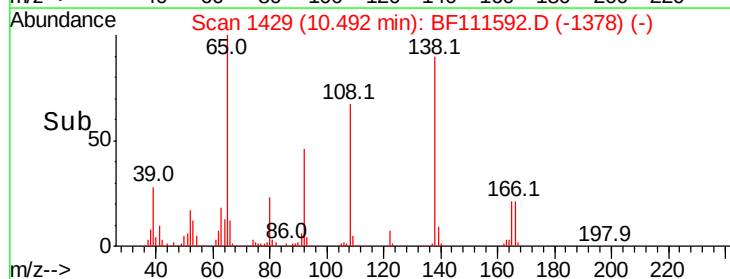
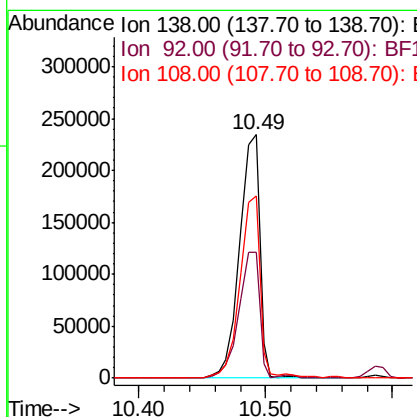
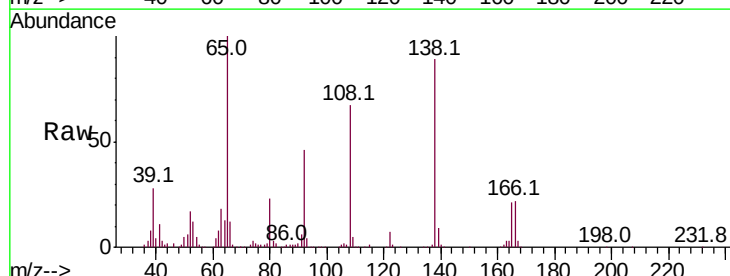
Manual Integrations
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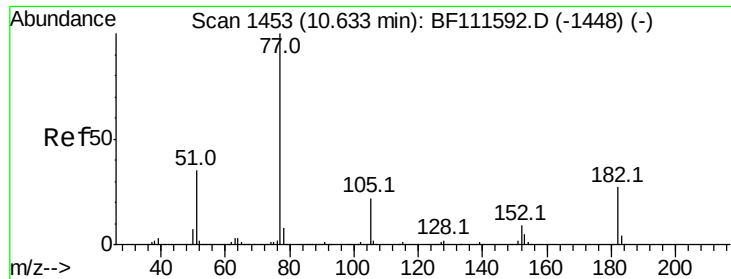
Sohil
 12/20/2018 12:41:46 PM



#62
 4-Nitroaniline
 Concen: 32.092 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Tgt Ion:	138	Resp:	256868
Ion Ratio	Lower	Upper	
138	100		
92	51.8	29.9	69.9
108	74.9	43.2	83.2





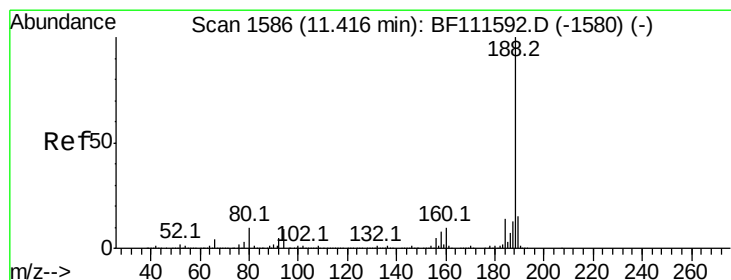
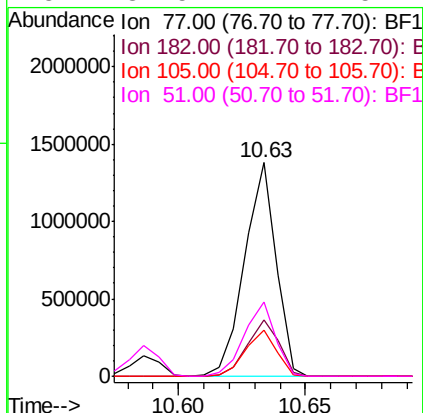
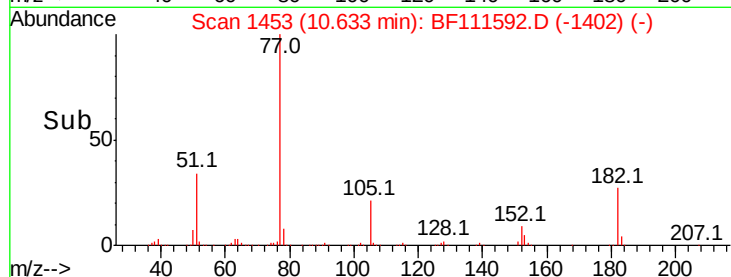
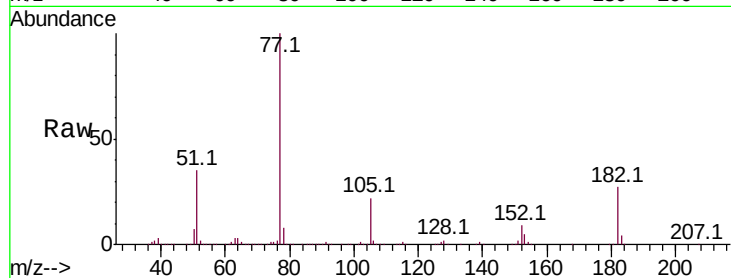
#63
Azobenzene
Concen: 40.350 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.5	4.9	44.9	
105	21.5	6.0	46.0	
51	34.5	14.7	54.7	

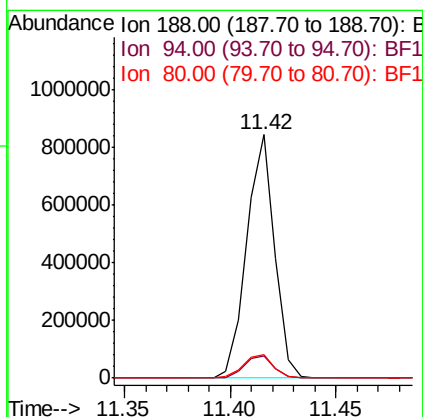
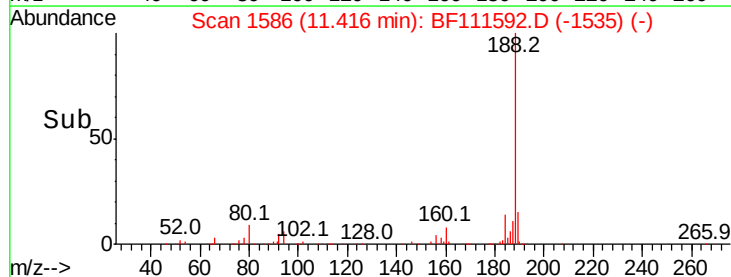
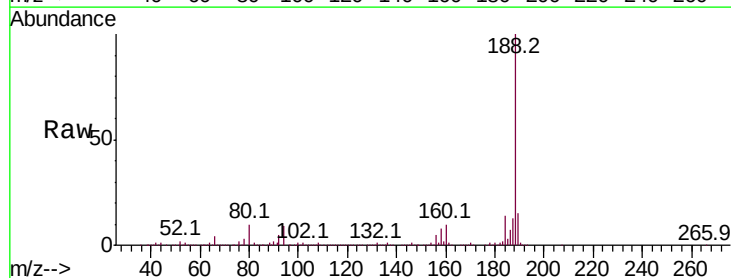
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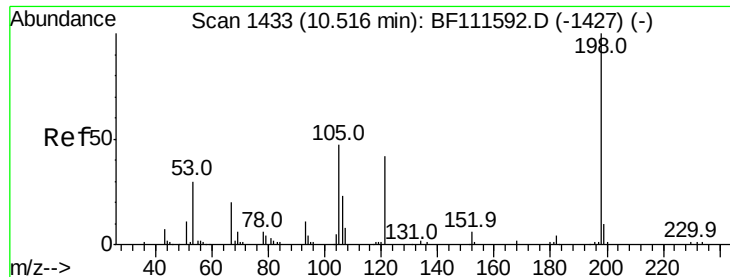
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.2	9.6	14.4#	
80	9.6	9.8	14.6#	





#65

4,6-Dinitro-2-methylphenol

Concen: 27.422 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

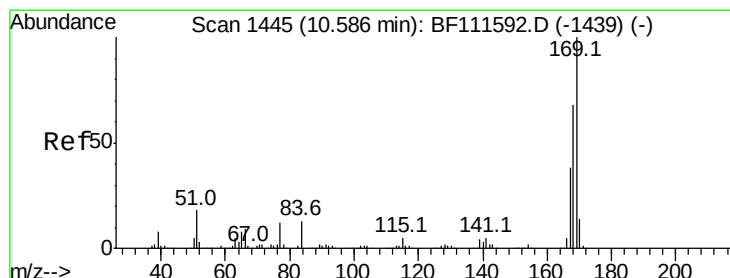
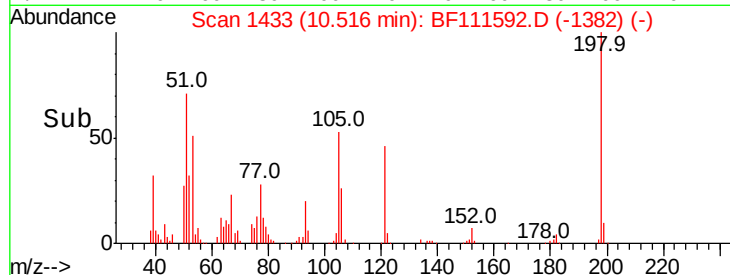
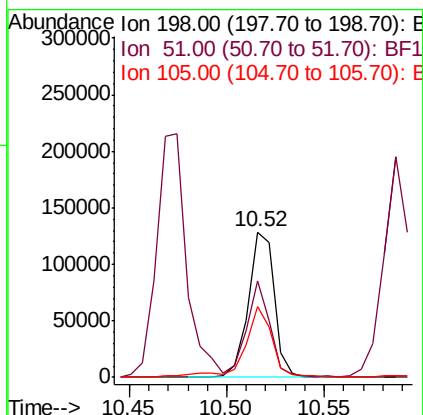
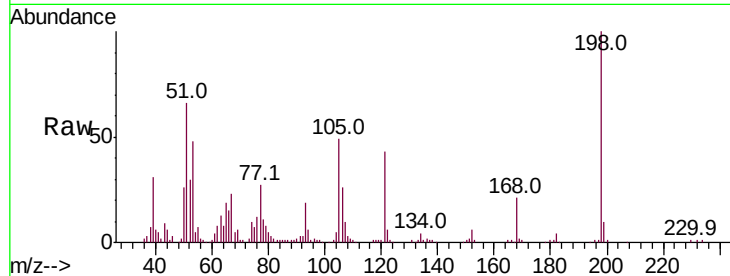
ClientSampleId :

SSTDICCC040

Tot Ion:	198	Resp:	119470
Ion Ratio	Lower	Upper	
198	100		
51	66.1	48.0	88.0
105	49.1	34.0	74.0

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 39.287 ng

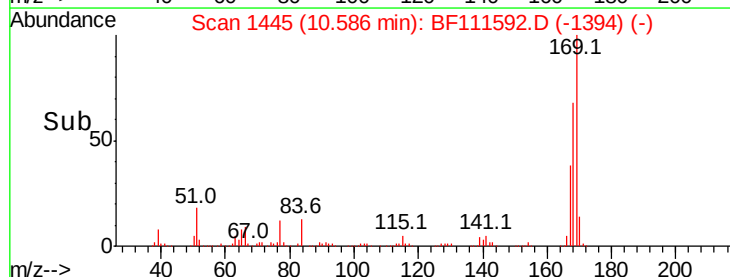
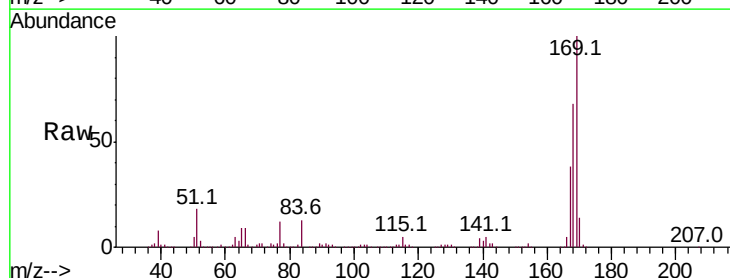
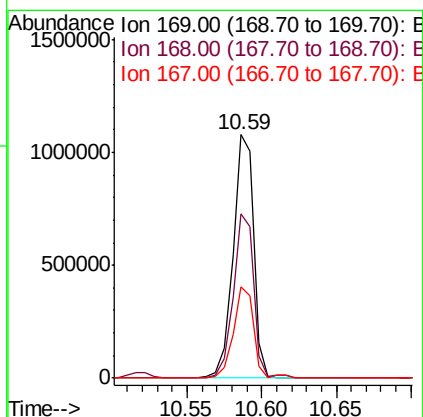
RT: 10.59 min Scan# 1445

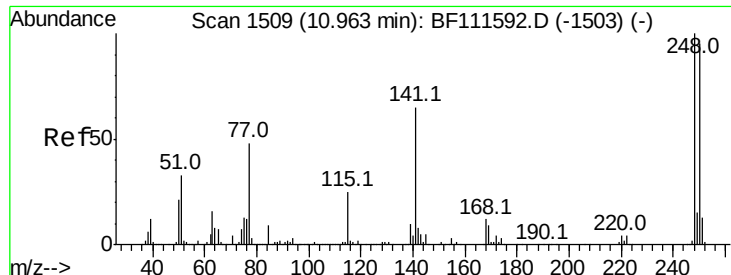
Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Tgt Ion:	169	Resp:	1045530
Ion Ratio	Lower	Upper	
169	100		
168	67.7	54.4	81.6
167	37.6	30.5	45.7





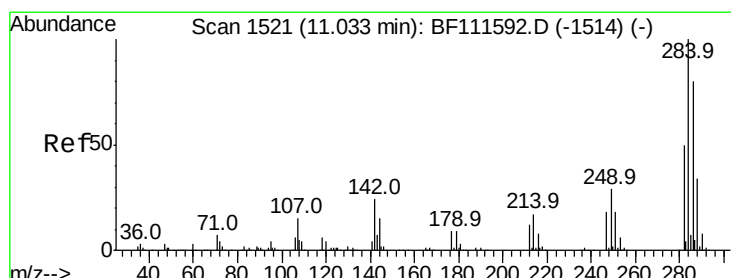
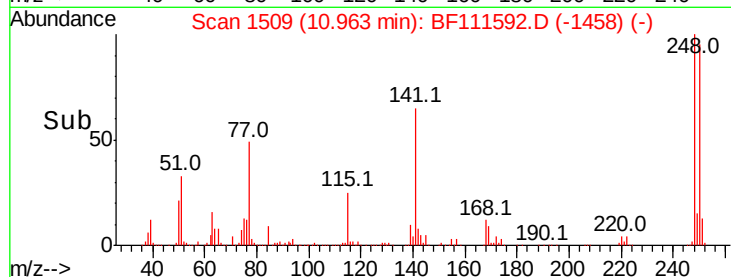
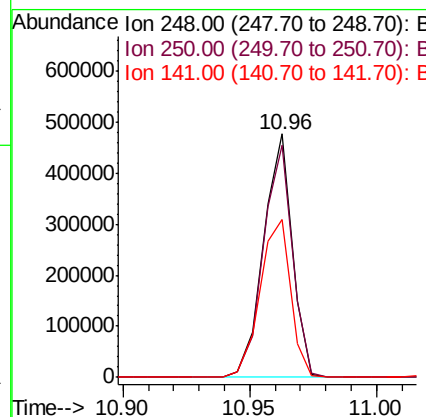
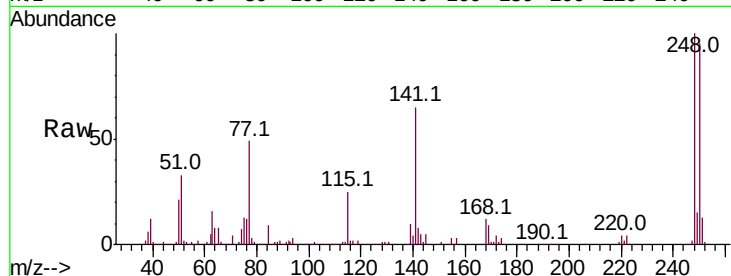
#67
 4-Bromophenyl-phenylether
 Concen: 45.586 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	77.0	115.4
141	64.6	63.0	94.6

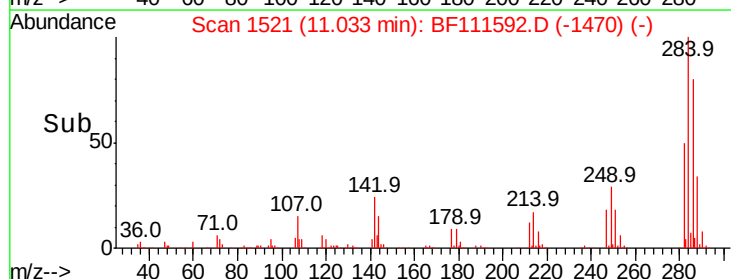
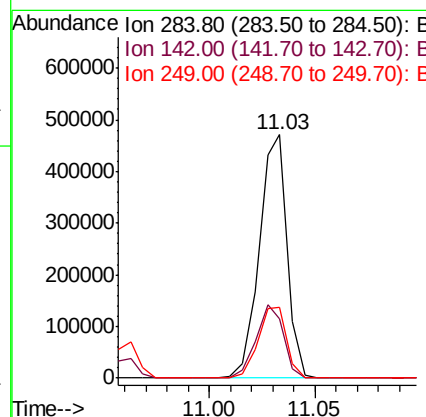
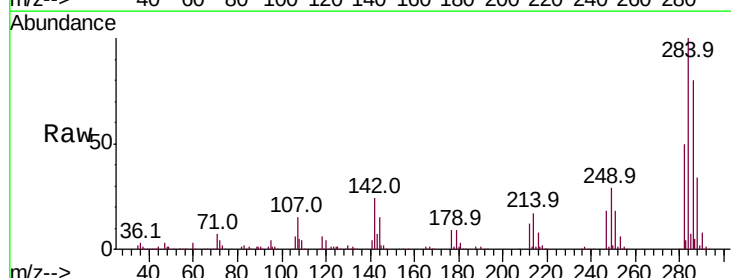
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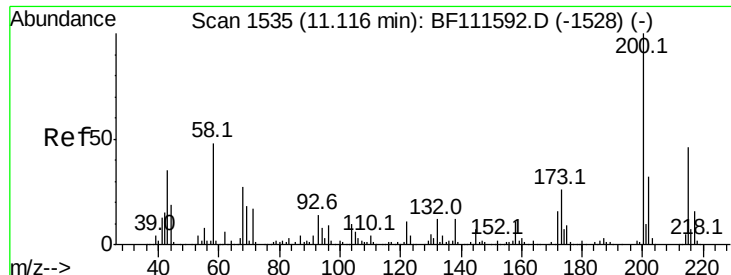
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#68
 Hexachlorobenzene
 Concen: 50.179 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.3	27.4	41.2#
249	29.1	24.4	36.6





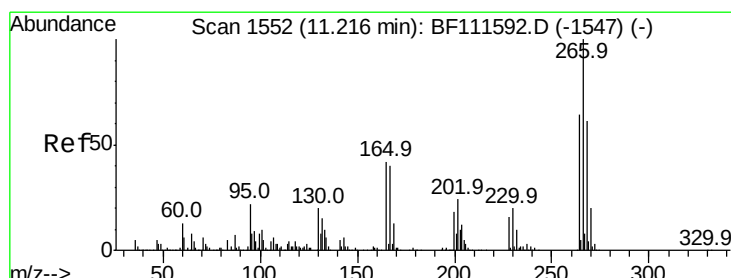
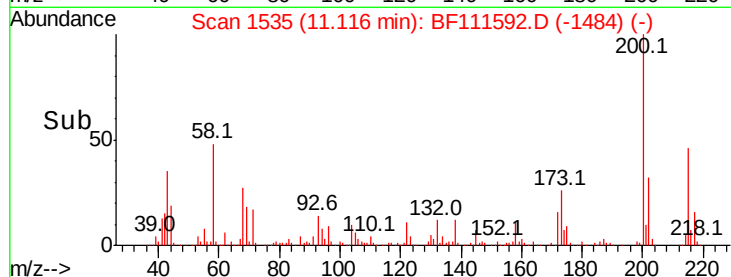
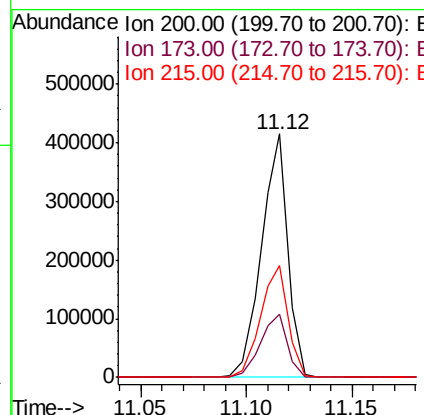
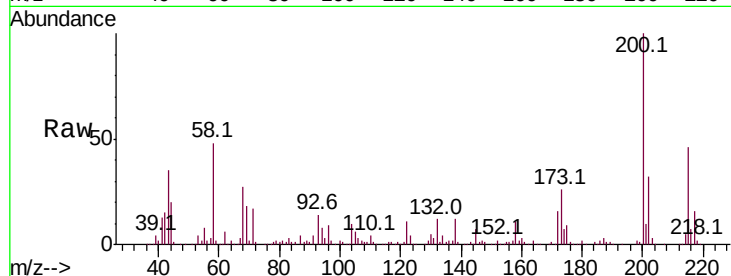
#69
Atrazine
Concen: 46.746 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	10.1	50.1
215	46.1	26.9	66.9

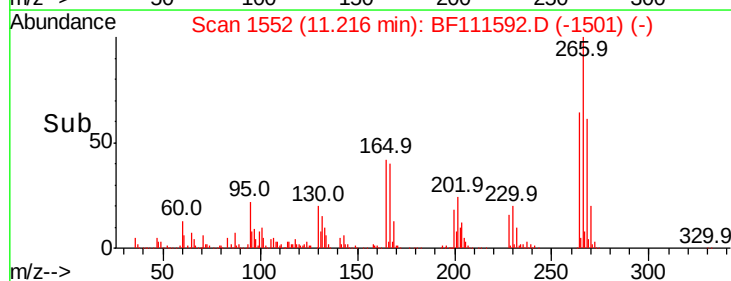
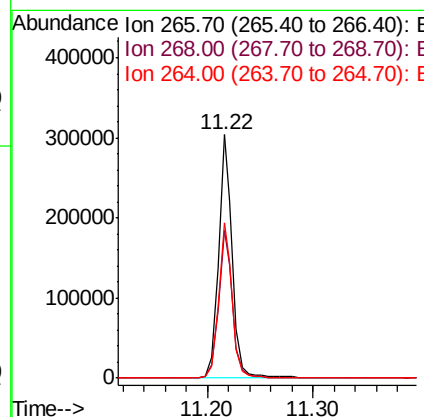
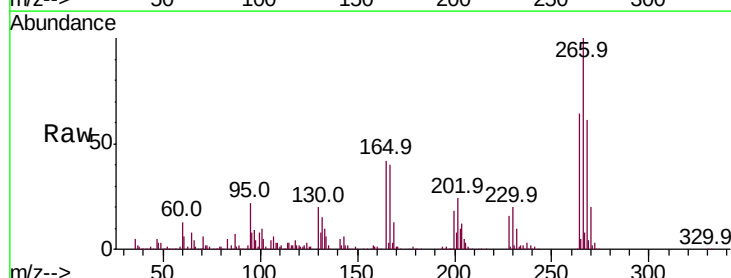
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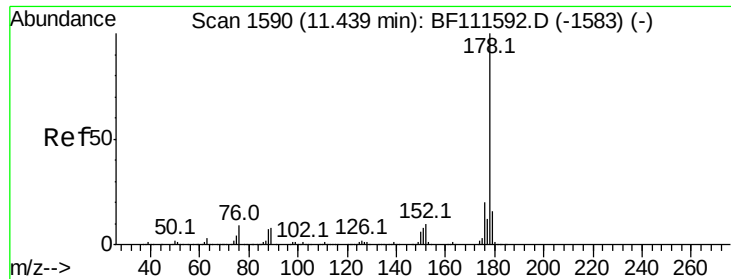
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#70
Pentachlorophenol
Concen: 53.304 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.8	47.9	71.9
264	63.7	49.1	73.7





#71

Phenanthrene

Concen: 40.996 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 1630196

Ion Ratio Lower Upper

178 100

176 20.3 18.1 27.1

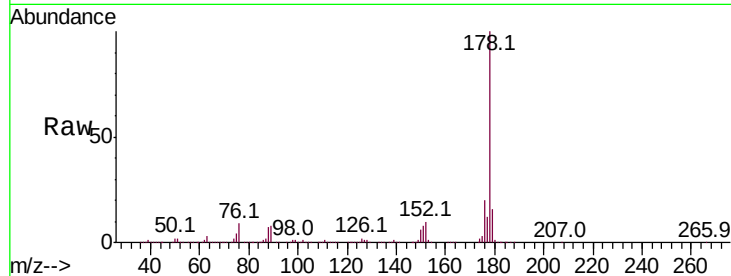
179 16.1 14.0 21.0

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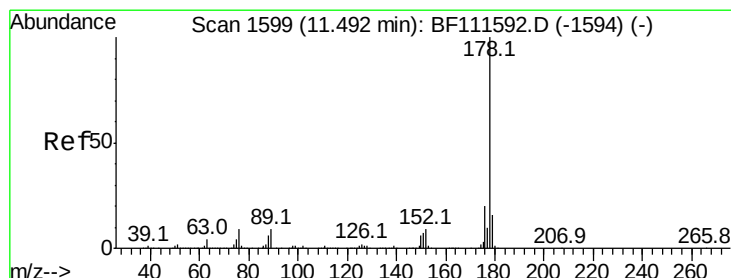
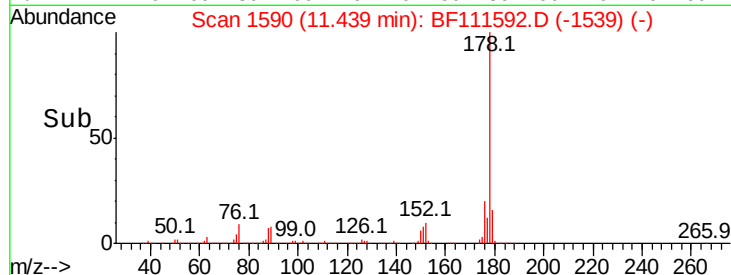
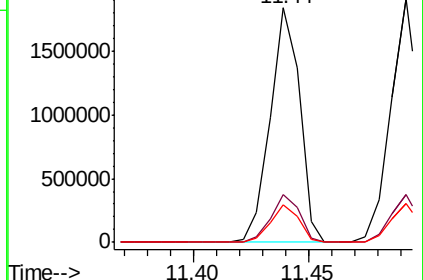
12/20/2018 12:41:46 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.058 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Tgt Ion:178 Resp: 1629038

Ion Ratio Lower Upper

178 100

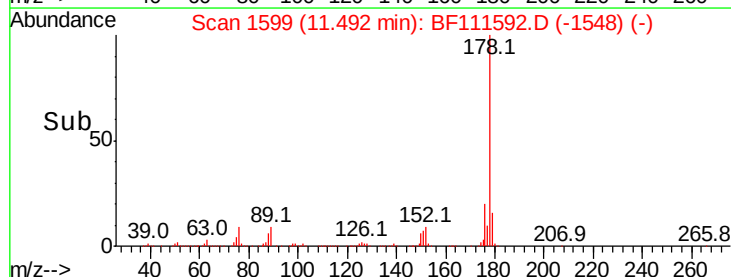
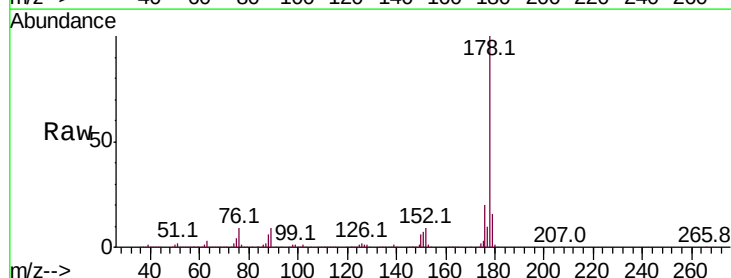
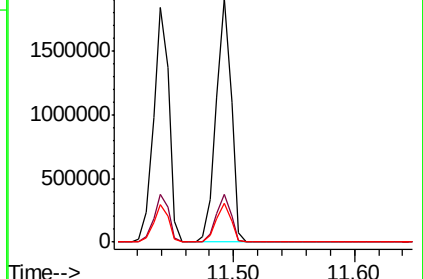
176 19.5 17.2 25.8

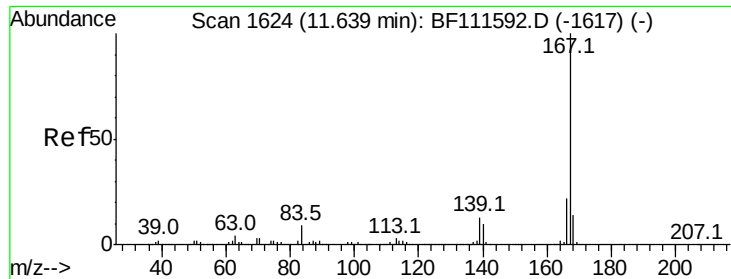
179 15.8 13.8 20.8

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





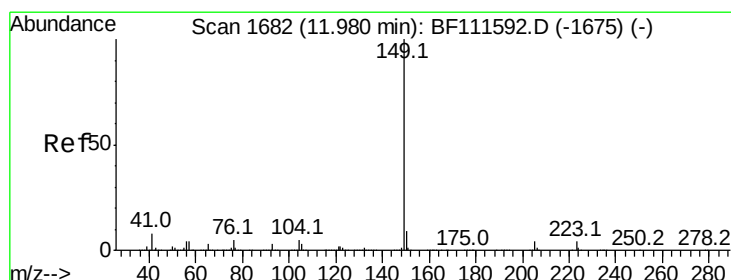
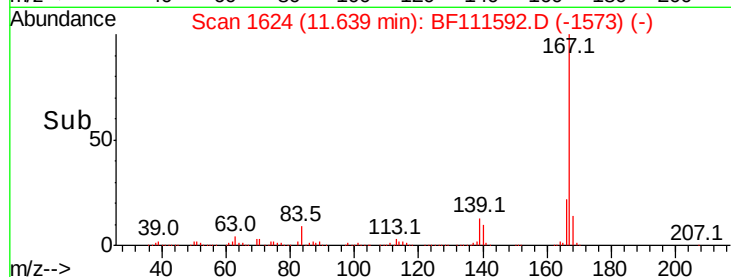
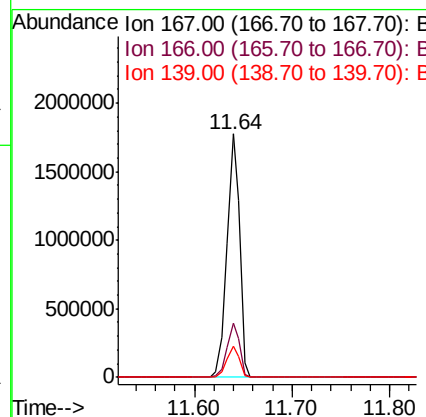
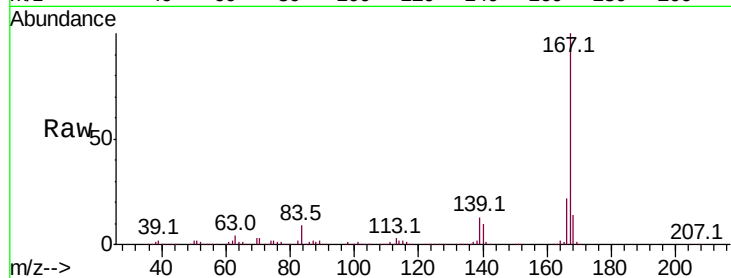
#73
 Carbazole
 Concen: 37.861 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.3	28.9
139	13.0	11.9	17.9

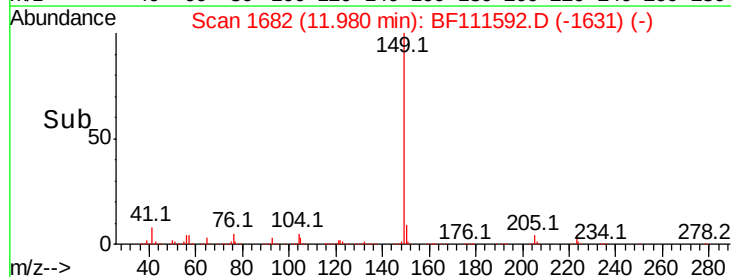
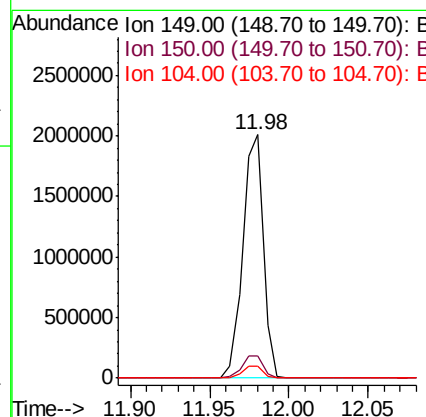
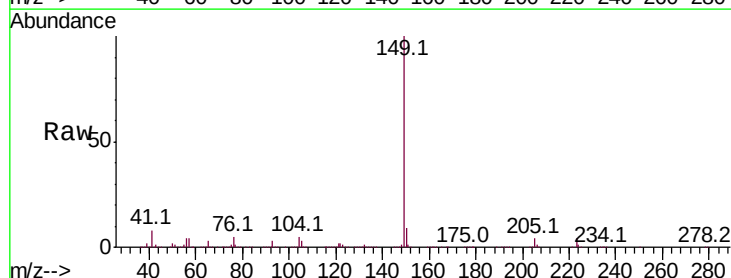
Manual Integrations
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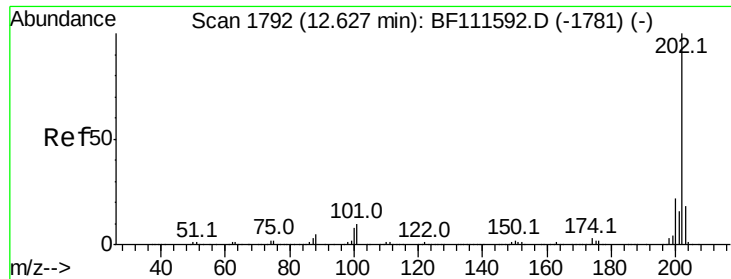
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#74
 Di-n-butylphthalate
 Concen: 38.443 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.8	13.2
104	4.7	4.5	6.7





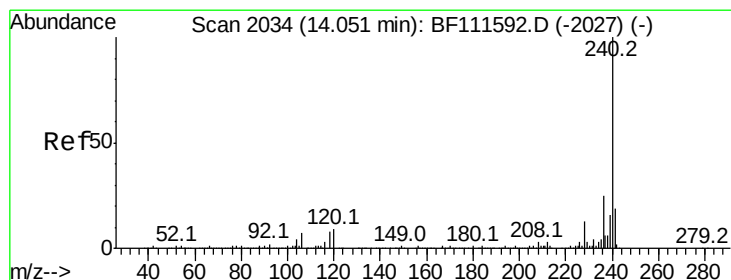
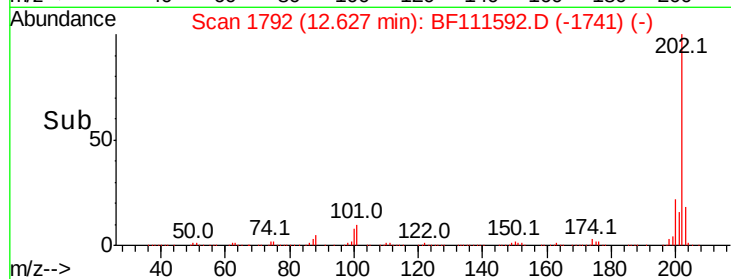
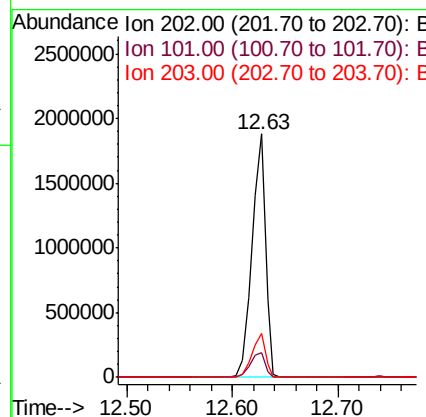
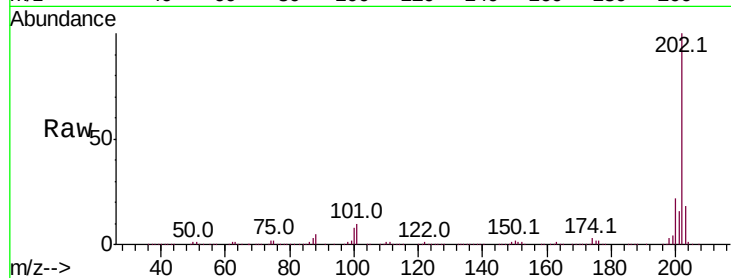
#75
Fluoranthene
 Concen: 42.528 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	33.8
203	18.1	0.0	38.6

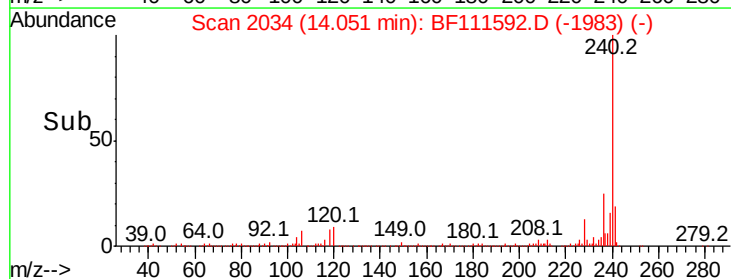
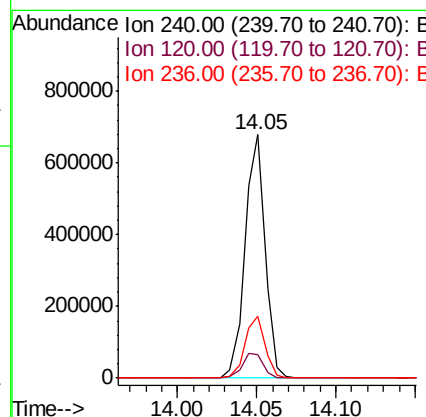
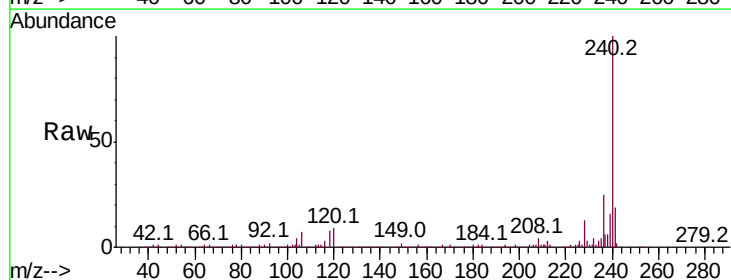
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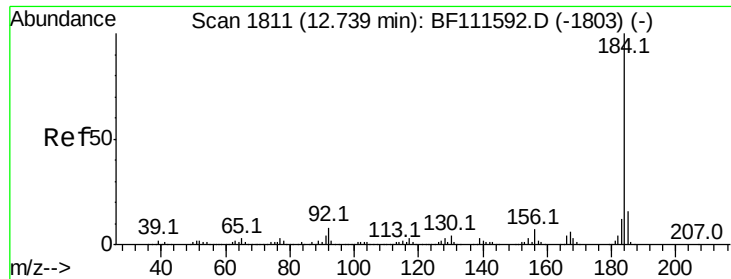
Sohil
 12/20/2018 12:41:46 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF111592.D
 Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.2	18.2#
236	25.4	20.2	30.2





#77

Benzidine

Concen: 41.439 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:184 Resp: 901862

Ion Ratio Lower Upper

184 100

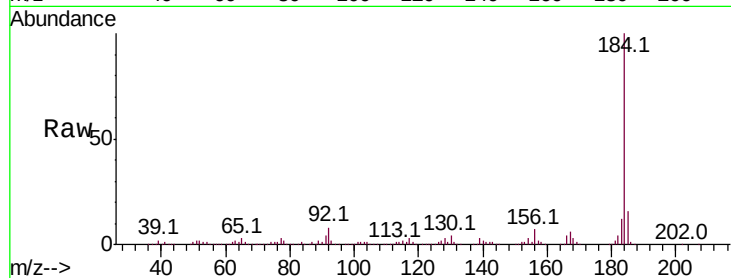
185 16.1 13.0 19.6

183 11.8 9.3 13.9

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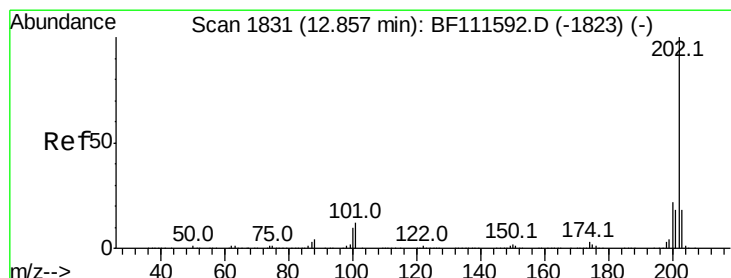
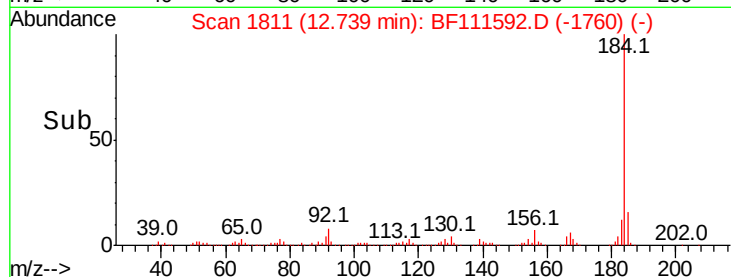
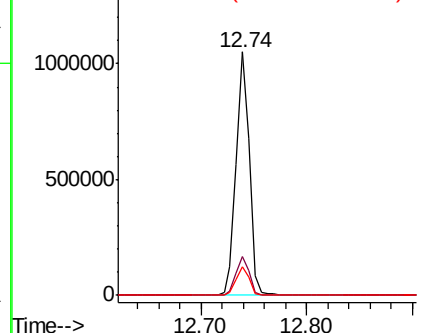
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.509 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

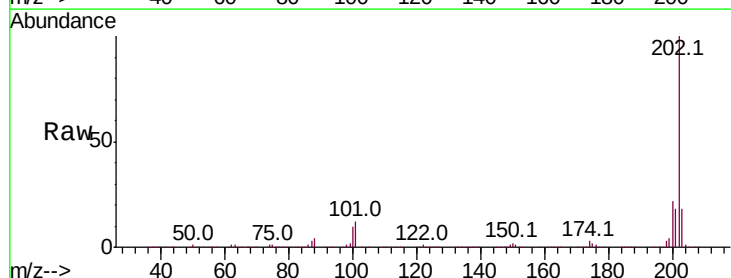
Tgt Ion:202 Resp: 1690897

Ion Ratio Lower Upper

202 100

200 22.0 19.0 28.4

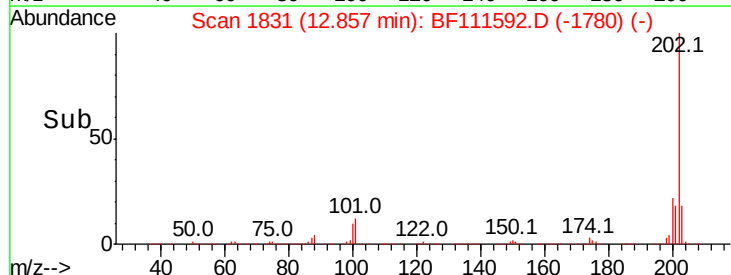
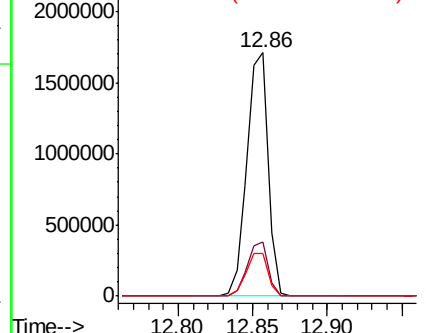
203 17.8 15.2 22.8

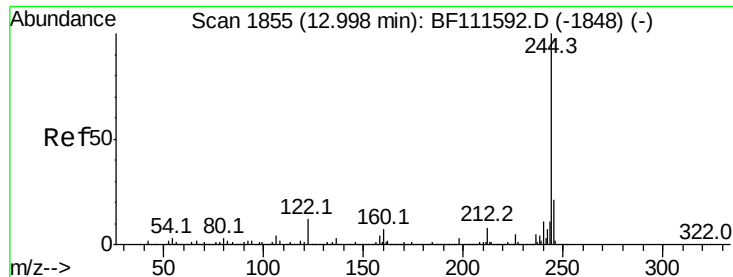


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 98.132 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:244 Resp: 2474135

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

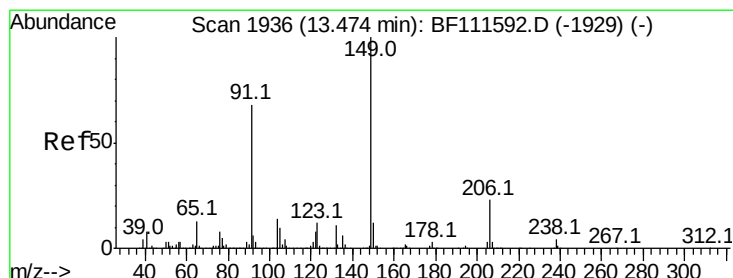
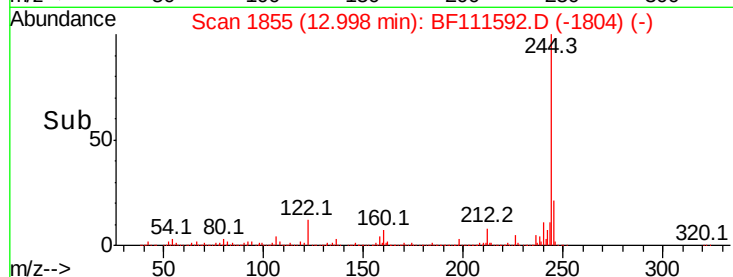
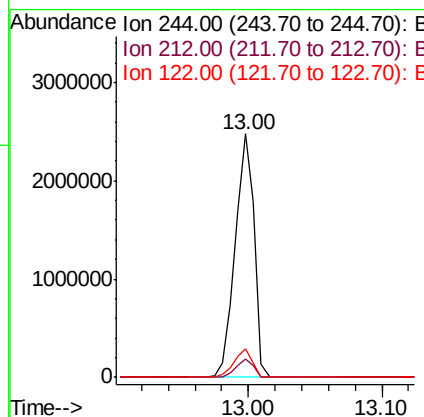
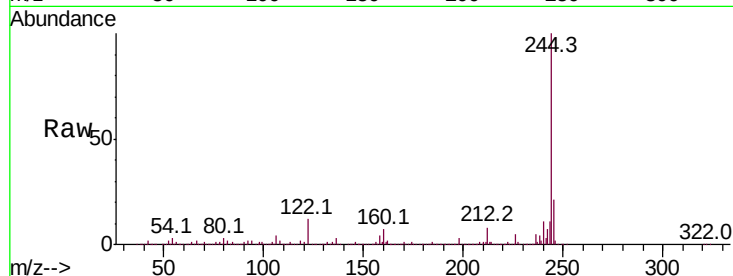
122 11.8 13.1 19.7#

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#80

Butylbenzylphthalate

Concen: 34.892 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

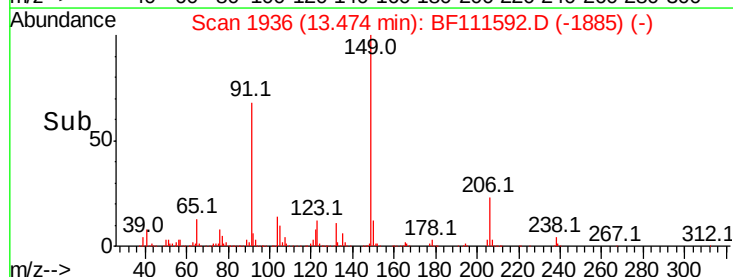
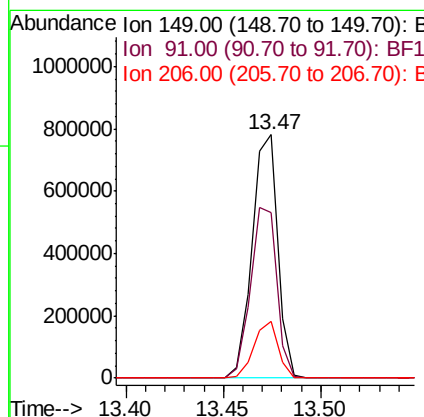
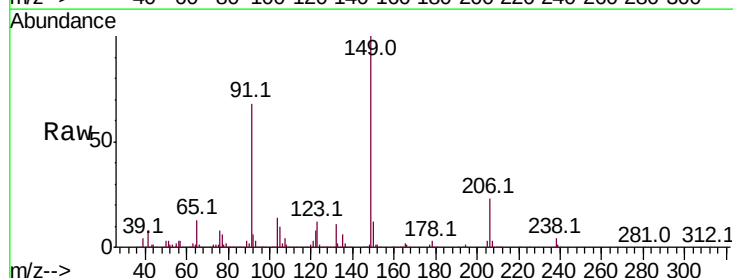
Tgt Ion:149 Resp: 709909

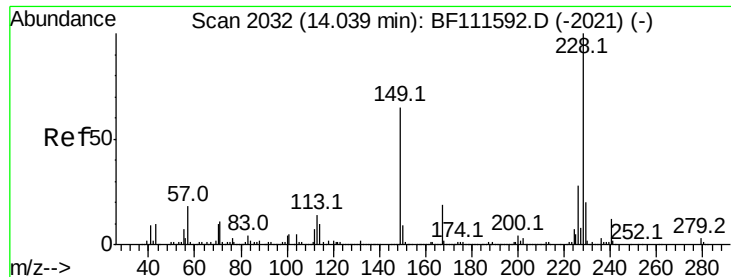
Ion Ratio Lower Upper

149 100

91 68.0 63.8 95.6

206 23.3 15.1 22.7#





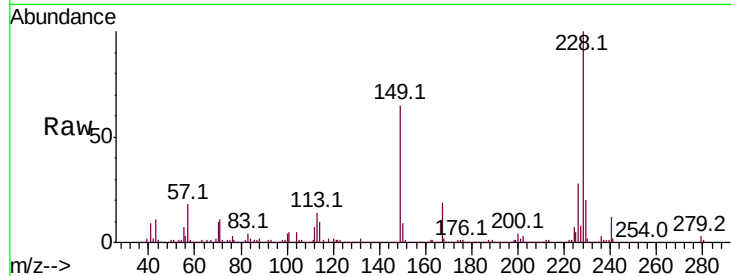
#81
Benzo(a)anthracene
Concen: 41.383 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

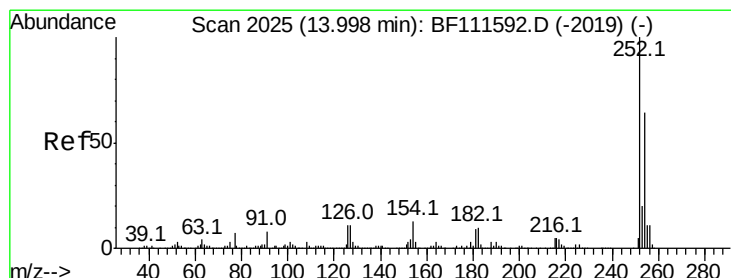
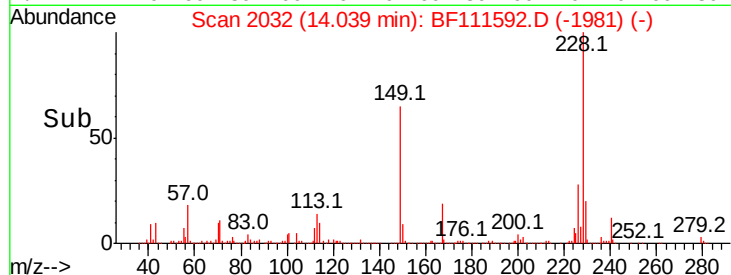
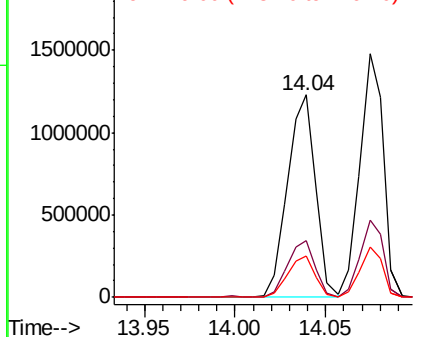
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	20.3	16.3	24.5

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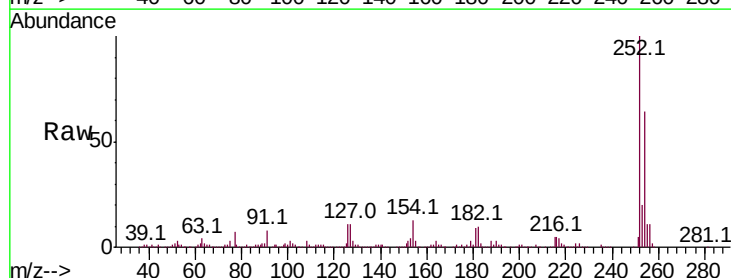


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

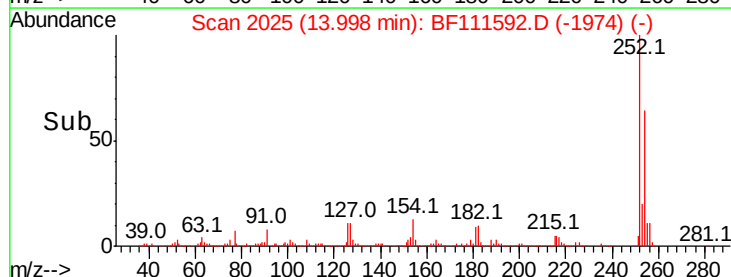
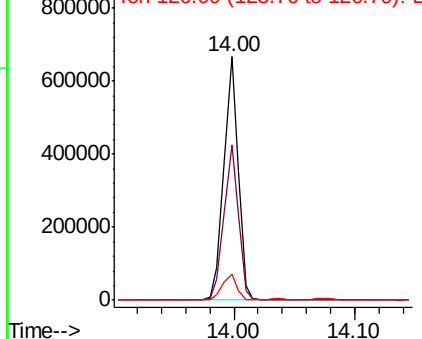


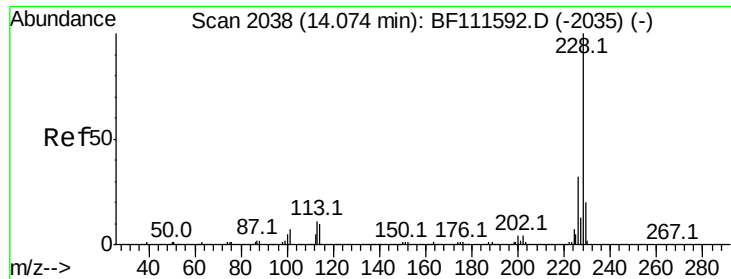
#82
3,3'-Dichlorobenzidine
Concen: 41.979 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.7	79.1
126	10.6	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





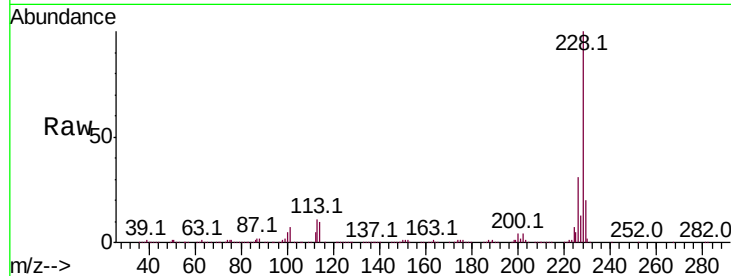
#83
Chrysene
Concen: 39.322 ng
RT: 14.07 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.3	37.9
229	20.5	17.2	25.8

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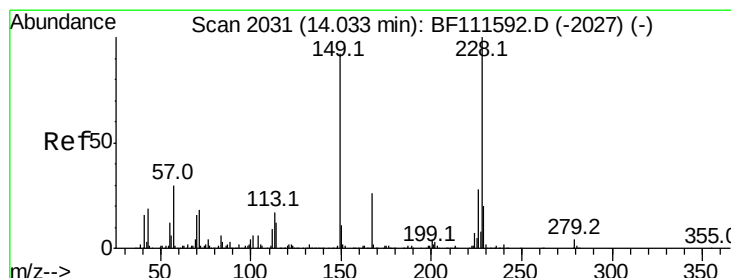
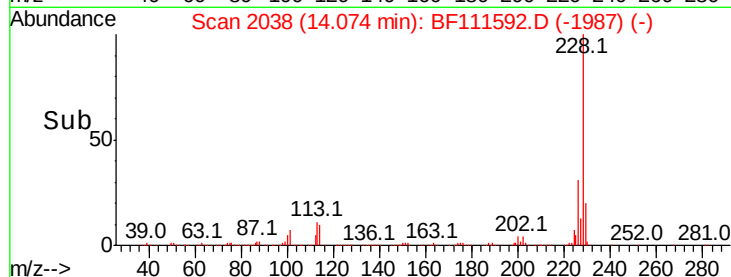
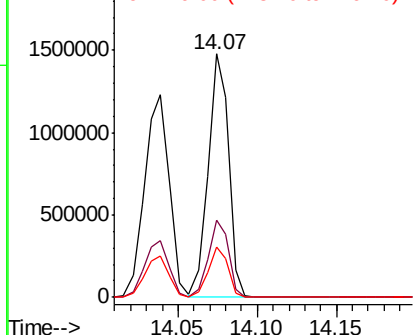


Abundance

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



#84
Bis(2-ethylhexyl)phthalate
Concen: 33.781 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

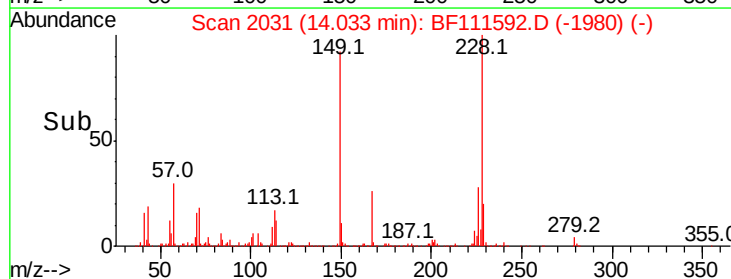
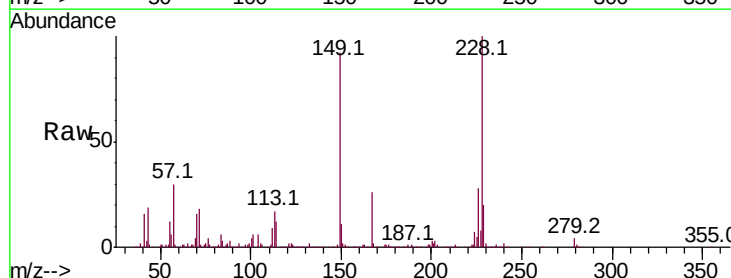
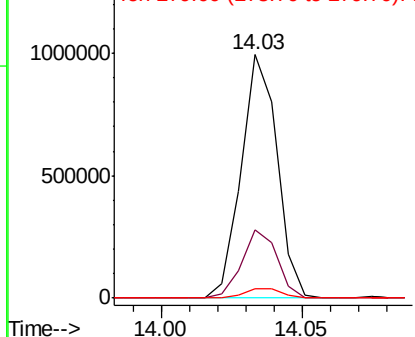
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	3.9	2.6	4.0

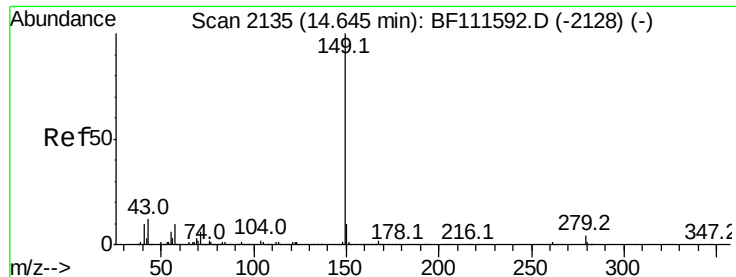
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 30.950 ng

RT: 14.64 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1356668

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

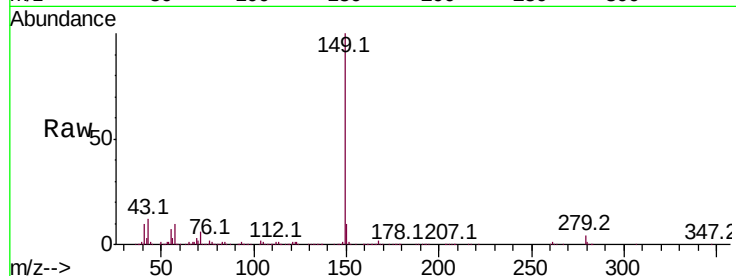
43 12.2 10.9 16.3

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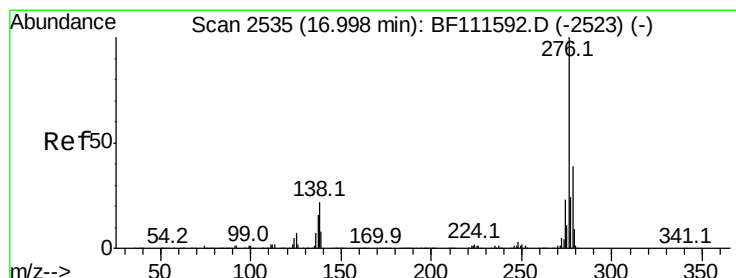
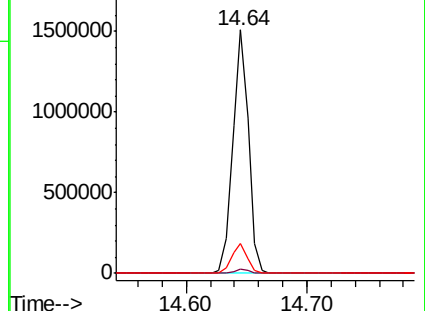
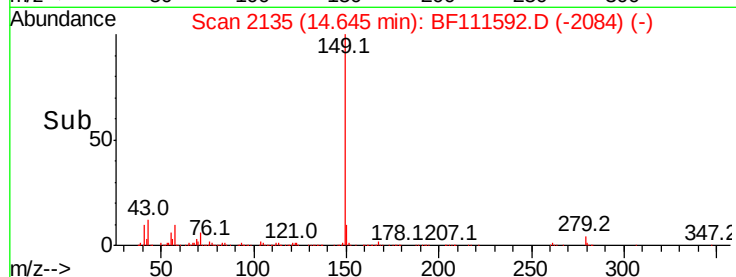
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.257 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.00 min

Lab File: BF111592.D

Acq: 19 Dec 2018 15:33

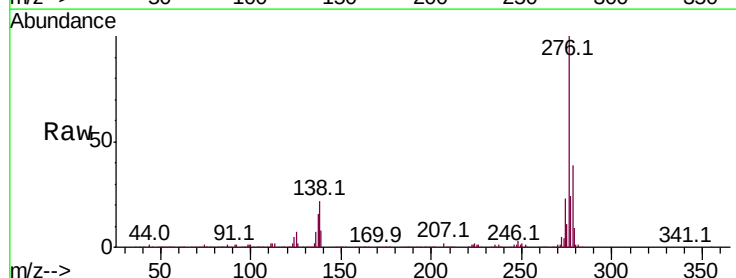
Tgt Ion:276 Resp: 1132166

Ion Ratio Lower Upper

276 100

138 24.6 27.8 41.6#

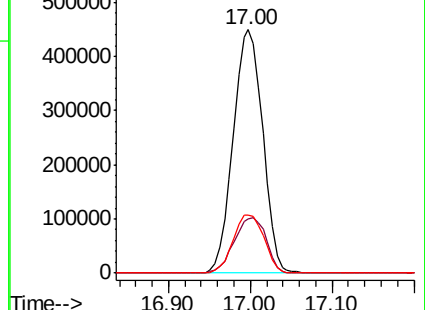
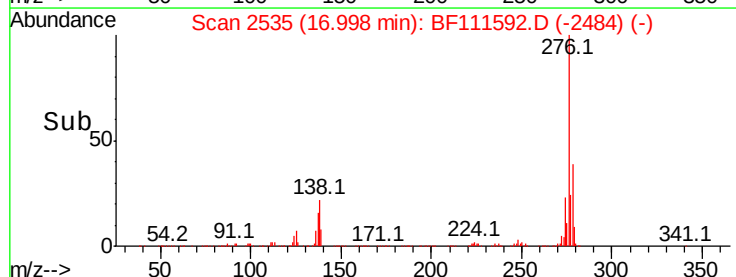
277 25.2 20.1 30.1

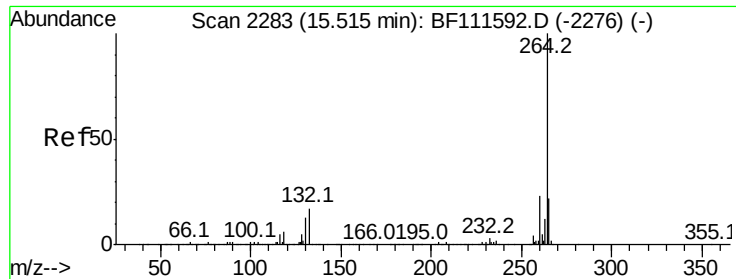


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





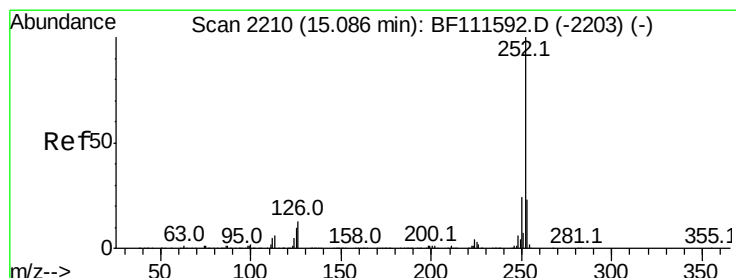
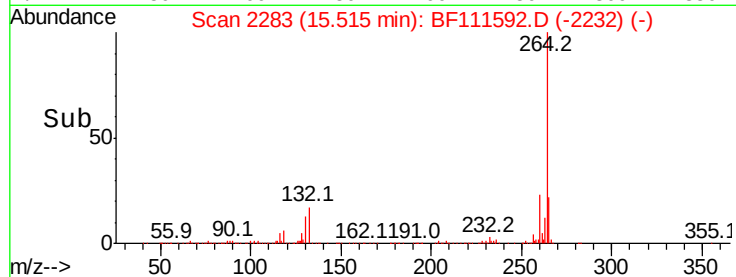
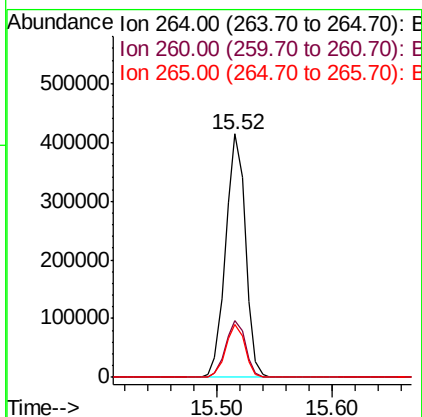
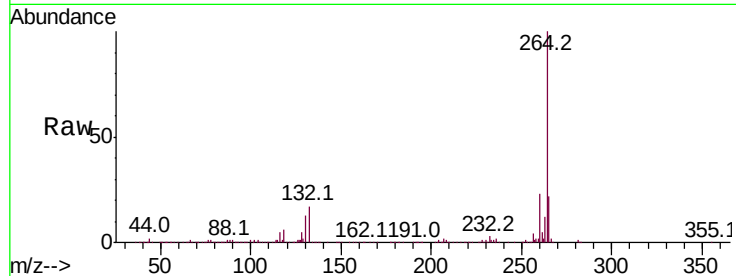
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.7	17.7	26.5

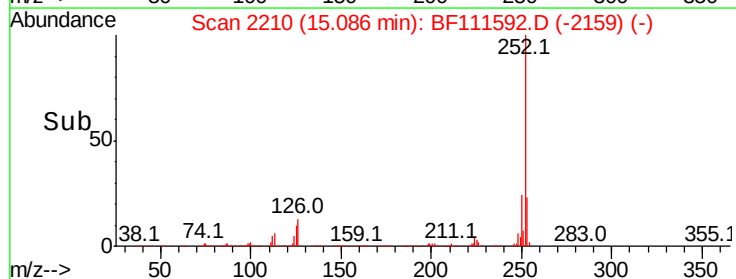
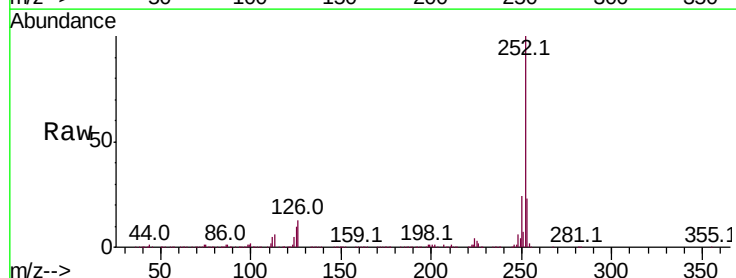
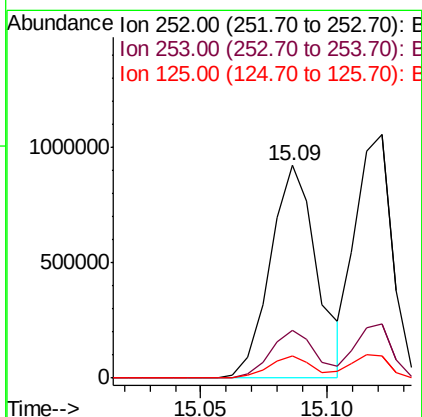
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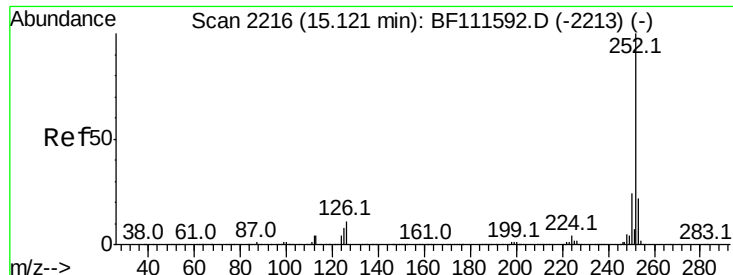
Sohil
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#88
Benzo(b)fluoranthene
Concen: 41.490 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	10.2	10.4	15.6





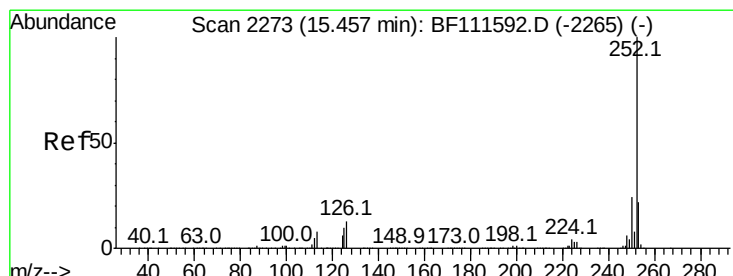
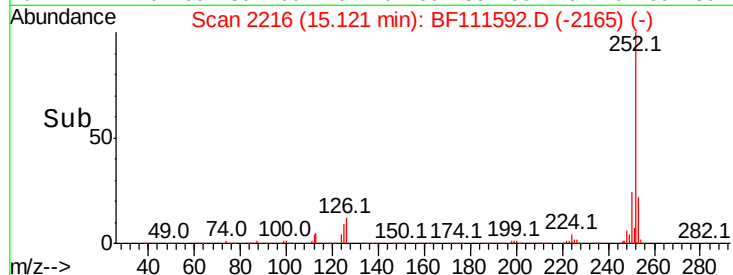
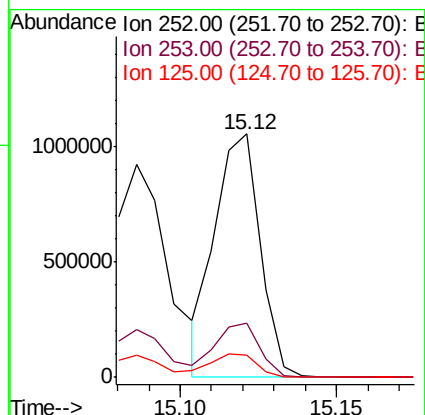
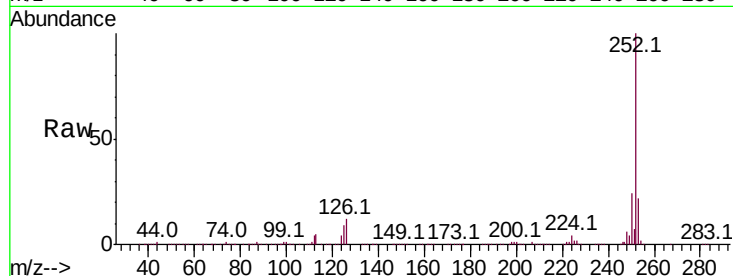
#89
Benzo(k)fluoranthene
Concen: 39.063 ng m
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.0	9.8	14.8

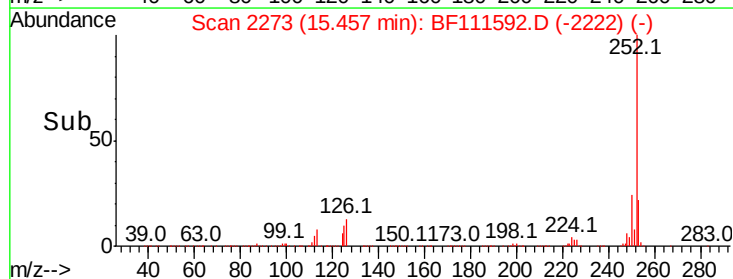
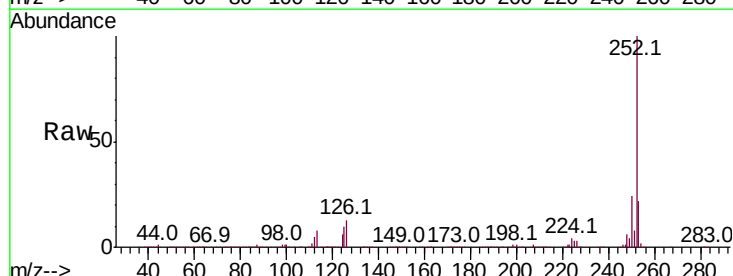
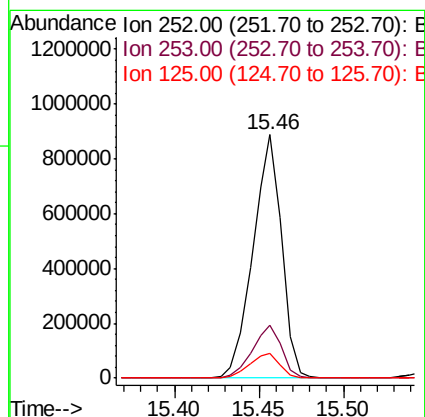
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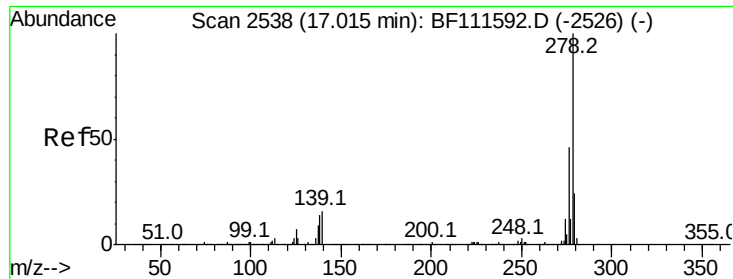
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#90
Benzo(a)pyrene
Concen: 40.559 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.8
125	10.3	12.3	18.5





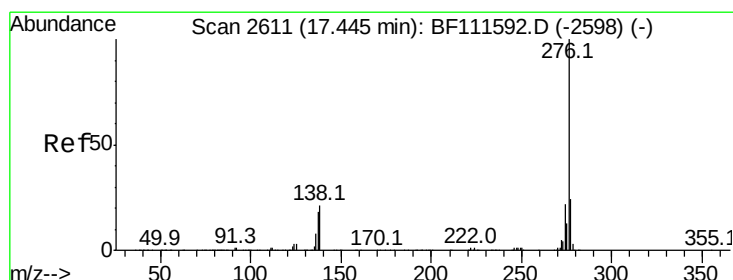
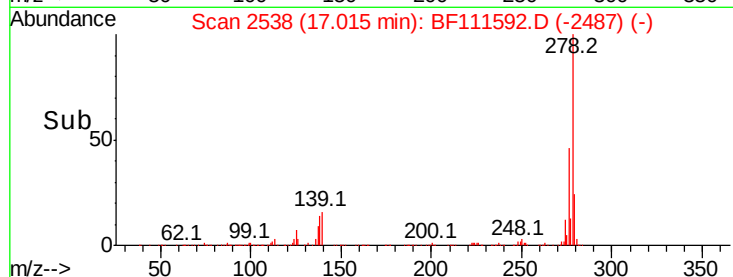
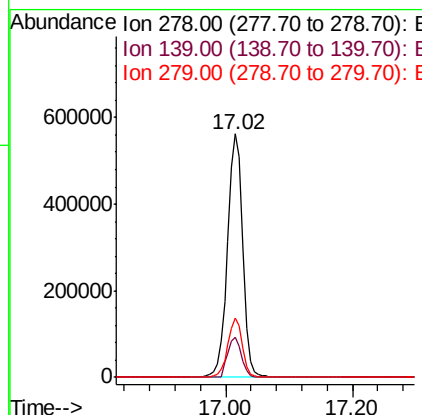
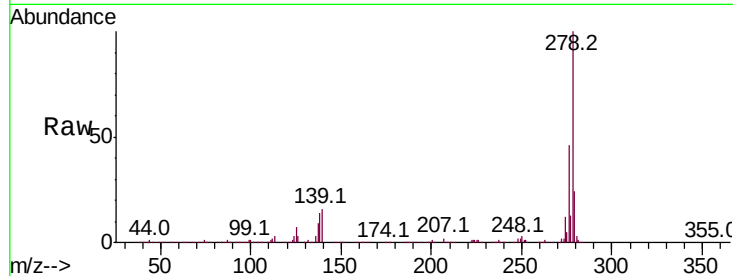
#91
Dibenzo(a,h)anthracene
Concen: 46.392 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	18.2	27.4#
279	24.2	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 46.617 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.00 min
Lab File: BF111592.D
Acq: 19 Dec 2018 15:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.2	28.8
138	20.7	24.9	37.3#

