

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111399.D
 Acq On : 14 Dec 2018 5:45
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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 12/14/2018 12:54:08 PM

Quant Time: Dec 14 06:25:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	256789	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	985893	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	402202	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	578639	20.00	ng	0.00
76) Chrysene-d12	13.95	240	394483	20.00	ng	0.00
87) Perylene-d12	15.39	264	311085	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1267900	83.49	ng	0.00
7) Phenol-d6	6.45	99	1564614	76.42	ng	0.01
23) Nitrobenzene-d5	7.36	82	1462443	83.61	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	234733	66.21	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2325974	92.85	ng	0.00
79) Terphenyl-d14	12.90	244	1538802	85.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	315116	41.544	ng	99
3) Pyridine	3.22	79	857188	46.002	ng	99
4) n-Nitrosodimethylamine	3.16	42	372348	42.836	ng	92
6) Aniline	6.46	93	941034	37.993	ng	# 29
8) 2-Chlorophenol	6.59	128	723739	38.776	ng	98
9) Benzaldehyde	6.34	77	473897	40.906	ng	98
10) Phenol	6.46	94	869607	37.495	ng	# 66
11) bis(2-Chloroethyl)ether	6.53	93	711092	38.973	ng	99
12) 1,3-Dichlorobenzene	6.74	146	800989	39.642	ng	98
13) 1,4-Dichlorobenzene	6.82	146	803795	39.297	ng	98
14) 1,2-Dichlorobenzene	6.97	146	735979	38.894	ng	100
15) Benzyl Alcohol	6.94	79	602715	38.444	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1368129	38.704	ng	93
17) 2-Methylphenol	7.06	107	558729	37.046	ng	# 93
18) Hexachloroethane	7.31	117	261903	34.489	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	501367	36.851	ng	93
20) 3+4-Methylphenols	7.22	107	693684	38.568	ng	# 69
22) Acetophenone	7.20	105	960237	41.930	ng	# 89
24) Nitrobenzene	7.38	77	726817	40.340	ng	97
25) Isophorone	7.62	82	1153130	38.810	ng	99
26) 2-Nitrophenol	7.69	139	320357	36.174	ng	98
27) 2,4-Dimethylphenol	7.74	122	538721	40.073	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	820427	40.229	ng	99
29) 2,4-Dichlorophenol	7.95	162	542267	38.668	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	586185	40.681	ng	99
31) Naphthalene	8.10	128	1824815	39.727	ng	97
32) Benzoic acid	7.85	122	289340m	25.891	ng	
33) 4-Chloroaniline	8.15	127	793289	40.439	ng	97
34) Hexachlorobutadiene	8.22	225	329157	41.177	ng	99
35) Caprolactam	8.53	113	181477	36.931	ng	97
36) 4-Chloro-3-methylphenol	8.64	107	538146	36.011	ng	97
37) 2-Methylnaphthalene	8.79	142	1151929	38.795	ng	99
38) 1-Methylnaphthalene	8.89	142	1077098	37.584	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	499553	44.187	ng	98

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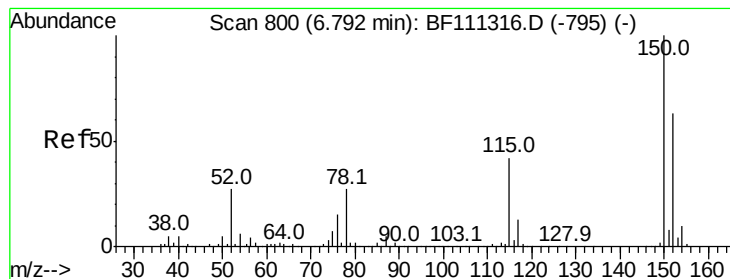
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	60435	10.237	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	316551	39.119	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	312470	36.538	nq	97
46) 1,1'-Biphenyl	9.26	154	1473122	42.927	nq	95
47) 2-Chloronaphthalene	9.28	162	1093116	41.593	nq	97
48) 2-Nitroaniline	9.37	65	350678	41.062	nq	96
49) Acenaphthylene	9.69	152	1534082	39.954	nq	96
50) Dimethylphthalate	9.56	163	1252901	43.319	nq	98
51) 2,6-Dinitrotoluene	9.62	165	255482	39.850	nq	95
52) Acenaphthene	9.87	154	912564	37.681	nq	98
53) 3-Nitroaniline	9.79	138	305272	39.615	nq	95
54) 2,4-Dinitrophenol	9.89	184	3950	1.570	nq	# 38
55) Dibenzofuran	10.04	168	1380056	39.474	nq	95
56) 4-Nitrophenol	9.96	139	163835	29.523	nq	87
57) 2,4-Dinitrotoluene	10.02	165	305336	37.161	nq	99
58) Fluorene	10.38	166	944200	37.753	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	210836	31.914	nq	99
60) Diethylphthalate	10.26	149	1196070	41.077	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	495627	39.974	nq	95
62) 4-Nitroaniline	10.39	138	269809	36.427	nq	100
63) Azobenzene	10.53	77	1093551	37.248	nq	97
65) 4,6-Dinitro-2-methylphenol	10.42	198	16565	4.986	nq	95
66) n-Nitrosodiphenylamine	10.49	169	921819	44.785	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	280201	43.498	nq	98
68) Hexachlorobenzene	10.93	284	277236	41.796	nq	98
69) Atrazine	11.02	200	245509	41.240	nq	98
70) Pentachlorophenol	11.12	266	128251	29.055	nq	98
71) Phenanthrene	11.34	178	1235777	41.319	nq	94
72) Anthracene	11.39	178	1252259	41.120	nq	96
73) Carbazole	11.55	167	1245684	39.559	nq	95
74) Di-n-butylphthalate	11.88	149	1582615	44.141	nq	96
75) Fluoranthene	12.53	202	1181901	40.480	nq	97
77) Benzidine	12.65	184	525154	70.542	nq	100
78) Pyrene	12.75	202	1208244	39.686	nq	97
80) Butylbenzylphthalate	13.37	149	613185	41.948	nq	94
81) Benzo(a)anthracene	13.94	228	858509	38.896	nq	98
82) 3,3'-Dichlorobenzidine	13.90	252	340790	40.825	nq	98
83) Chrysene	13.98	228	906094	40.237	nq	96
84) Bis(2-ethylhexyl)phthalate	13.94	149	795375	44.509	nq	98
85) Di-n-octyl phthalate	14.54	149	1326650	45.212	nq	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	669694	38.024	nq	96
88) Benzo(b)fluoranthene	14.97	252	722324	40.834	nq	98
89) Benzo(k)fluoranthene	15.00	252	726627	41.152	nq	98
90) Benzo(a)pyrene	15.33	252	652378	39.609	nq	97
91) Dibenzo(a,h)anthracene	16.82	278	562123	41.021	nq	97
92) Benzo(g,h,i)perylene	17.23	276	543314	39.657	nq	93

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



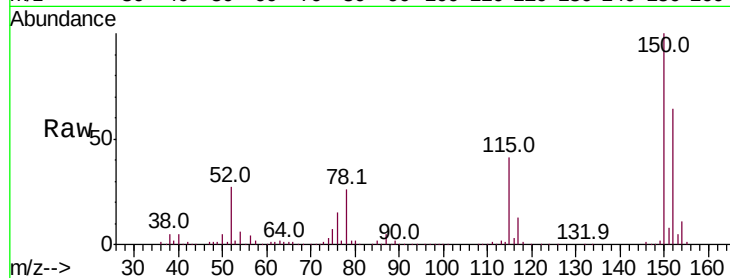
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Instrument :
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 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.6	189.8
115	63.0	50.7	76.1

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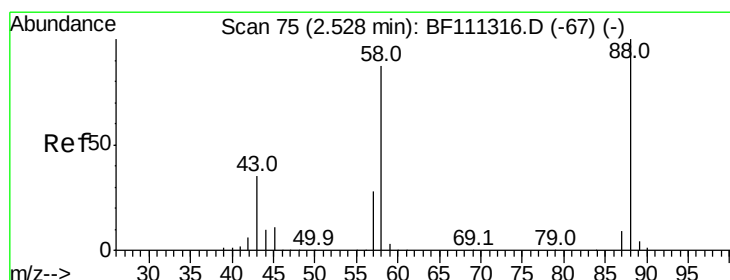
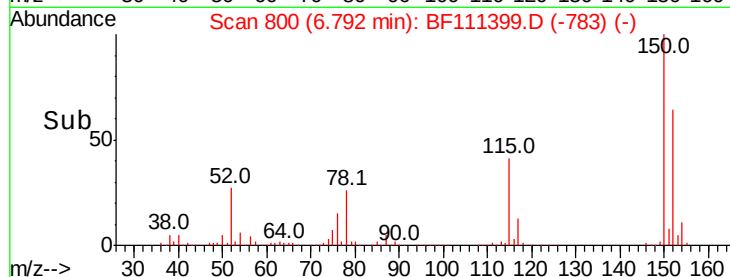
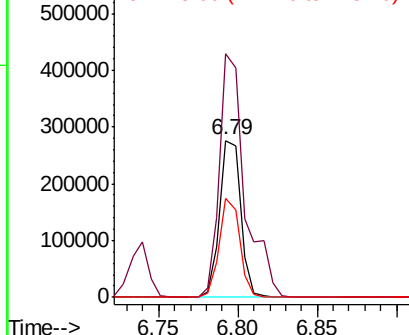


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 41.544 ng
 RT: 2.49 min Scan# 68
 Delta R.T. -0.04 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

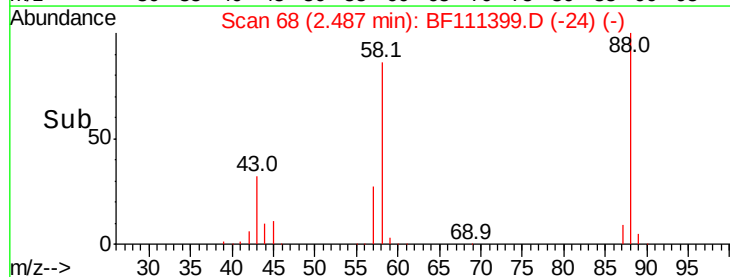
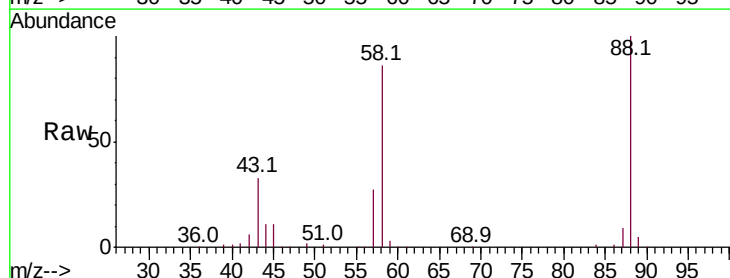
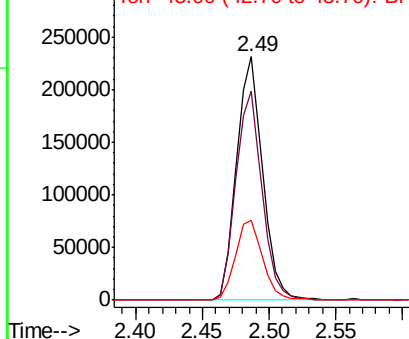
Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.0	68.9	103.3
43	34.1	25.8	38.6

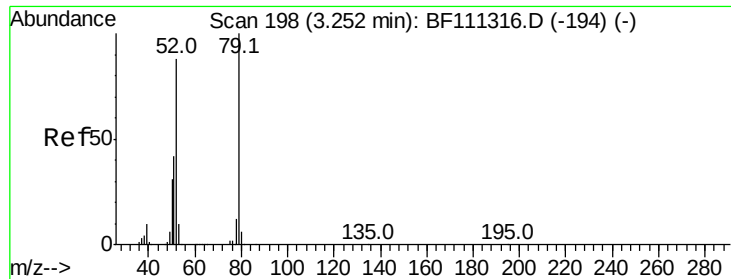
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 46.002 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.03 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Instrument :

BNA_F

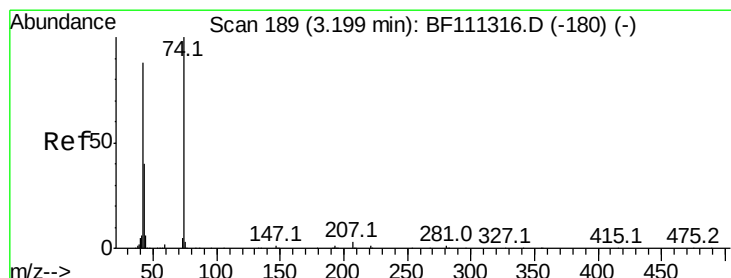
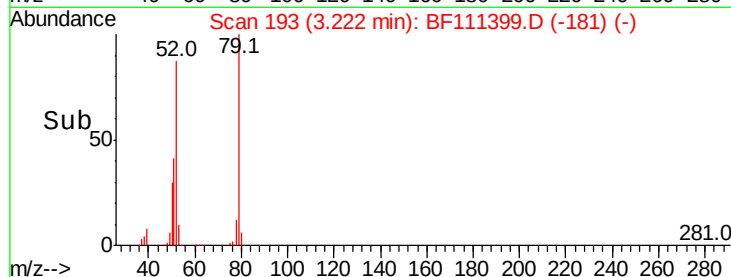
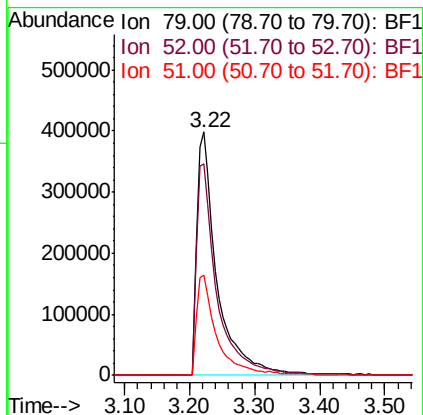
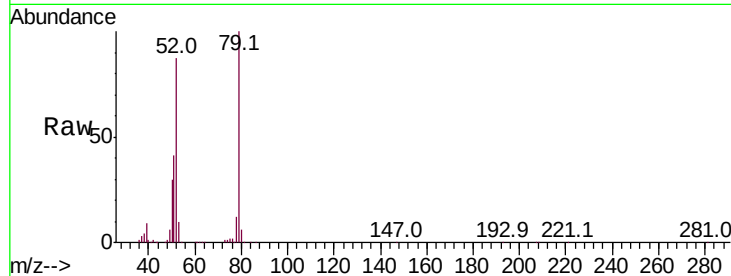
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	857188
Ion Ratio	Lower	Upper	
79	100		
52	86.9	68.3	102.5
51	41.1	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 42.836 ng

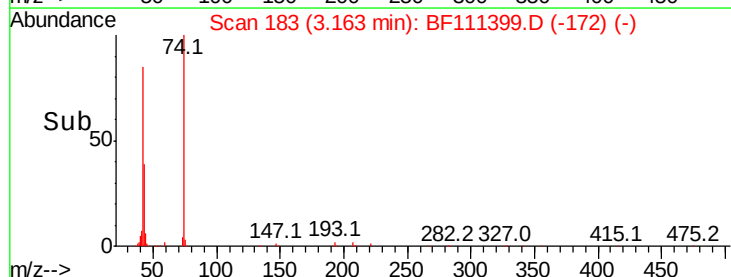
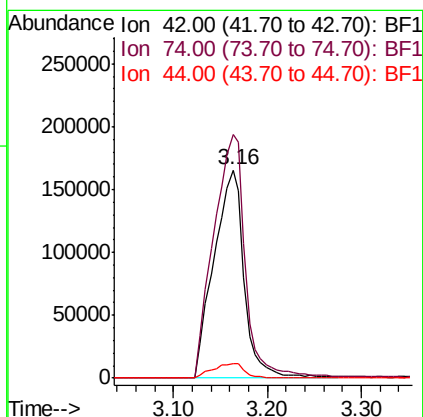
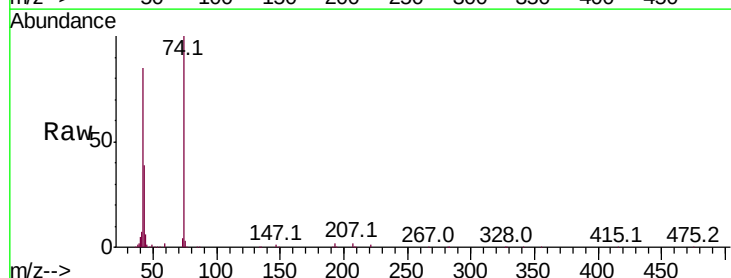
RT: 3.16 min Scan# 183

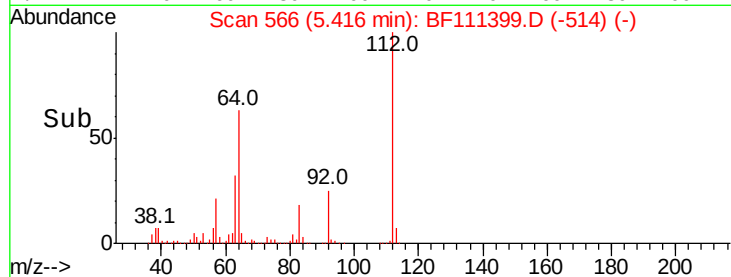
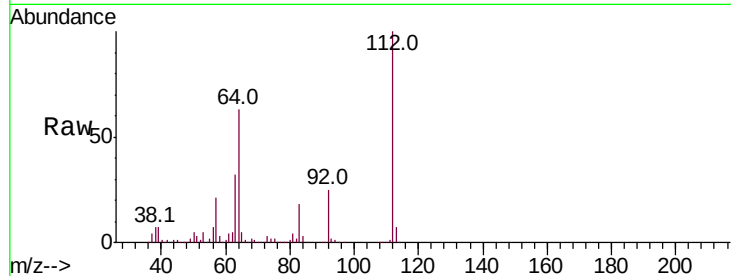
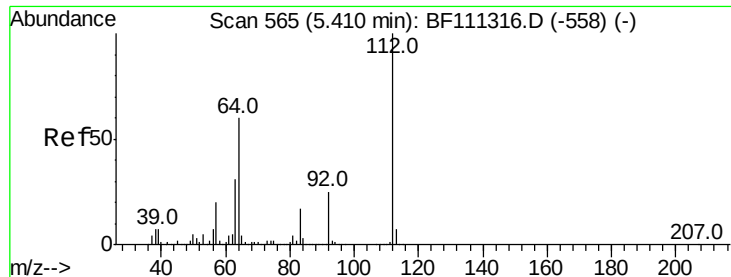
Delta R.T. -0.04 min

Lab File: BF111399.D

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Tgt Ion:	42	Resp:	372348
Ion Ratio	Lower	Upper	
42	100		
74	117.0	101.5	152.3
44	7.2	6.0	9.0





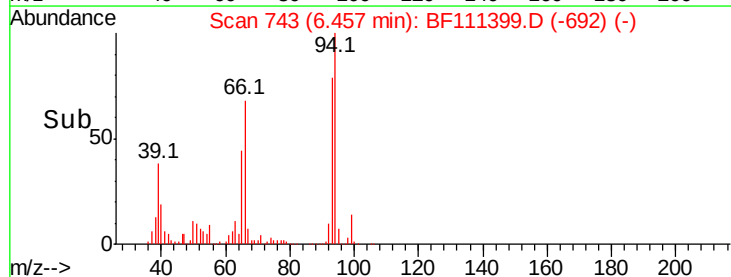
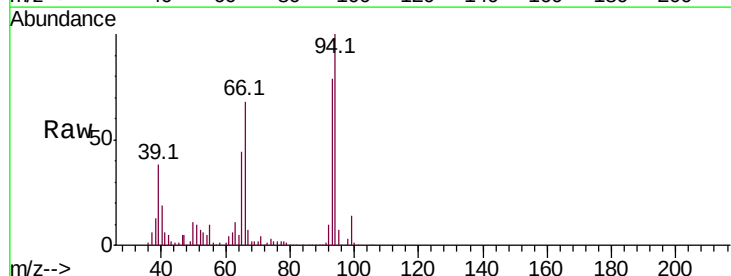
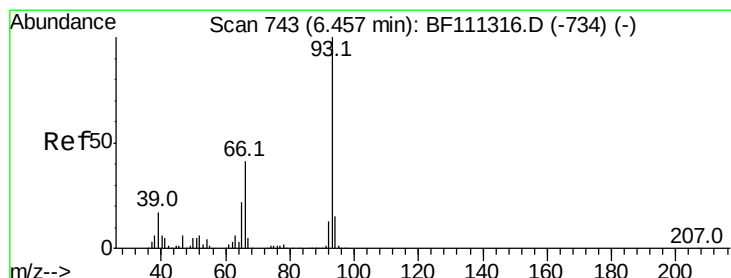
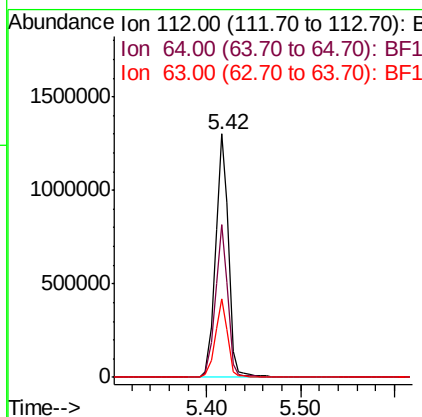
#5
2-Fluorophenol
Concen: 83.495 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tot Ion: 112 Resp: 1267900
Ion Ratio Lower Upper
112 100
64 62.6 51.8 77.6
63 32.2 26.8 40.2

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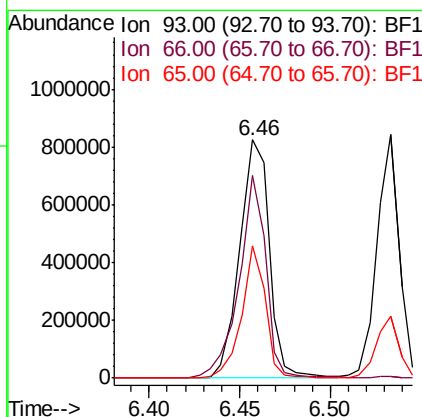
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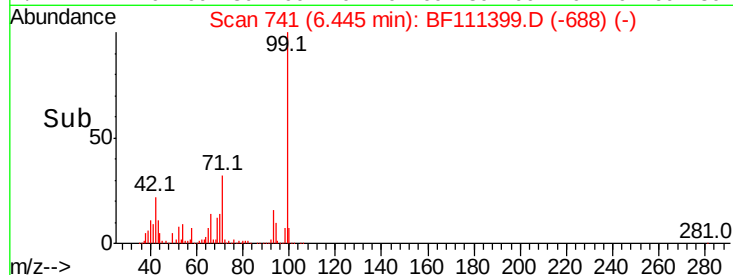
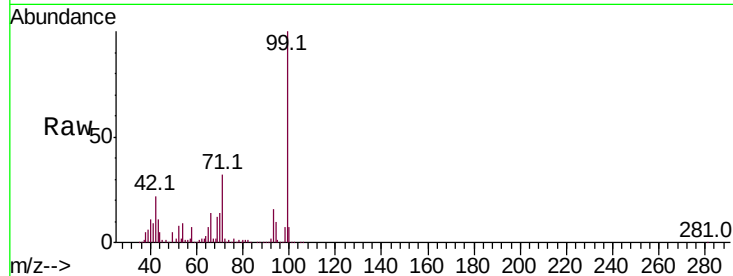
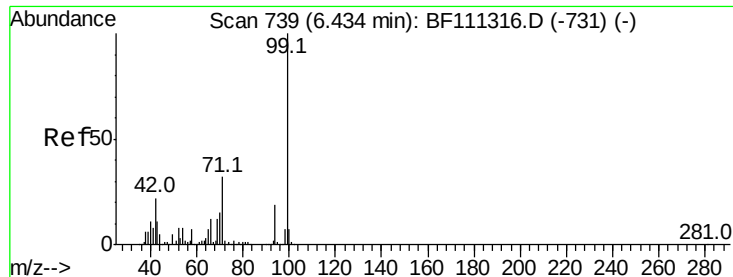
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#6
Aniline
Concen: 37.993 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion: 93 Resp: 941034
Ion Ratio Lower Upper
93 100
66 85.2 33.2 49.8#
65 55.7 17.0 25.4#





#7

Phenol-d6

Concen: 76.420 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Tot Ion:	99	Resp:	1564614
Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.4	26.0
71	32.2	26.1	39.1

Instrument :

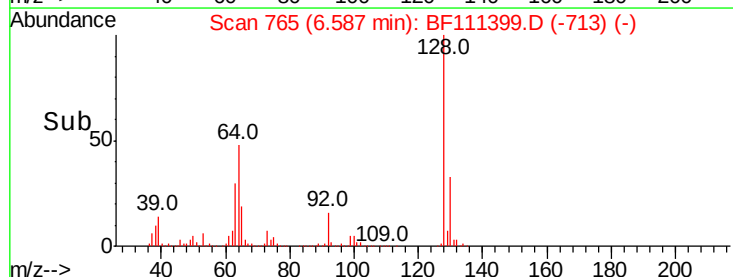
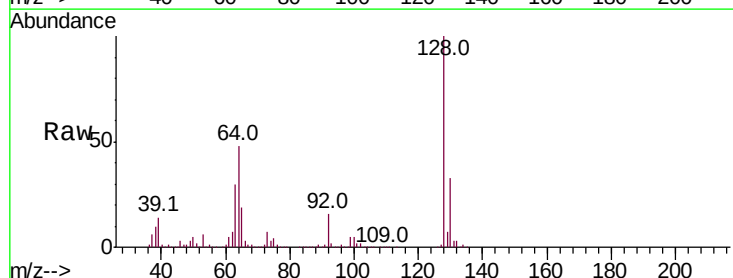
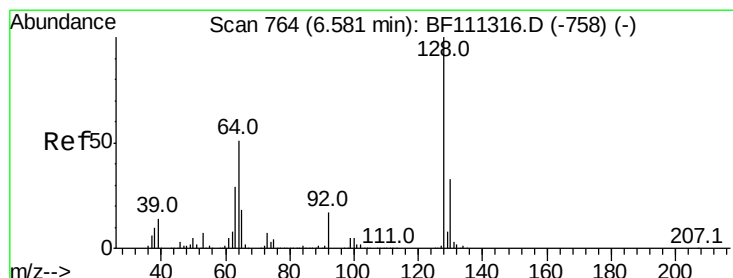
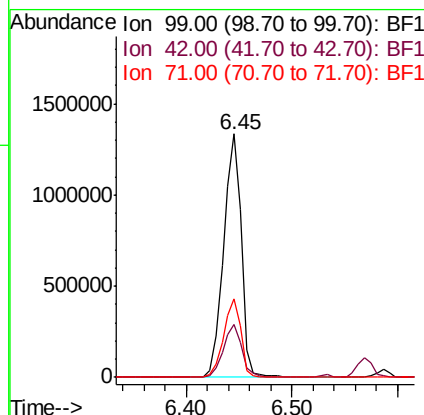
BNA_F

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#8

2-Chlorophenol

Concen: 38.776 ng

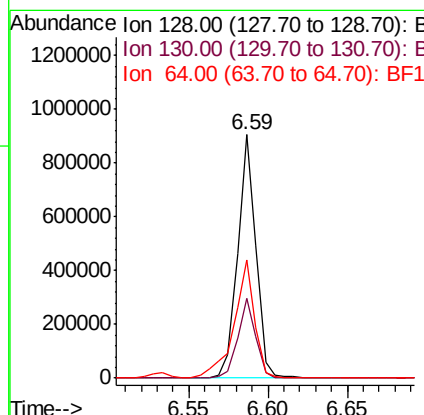
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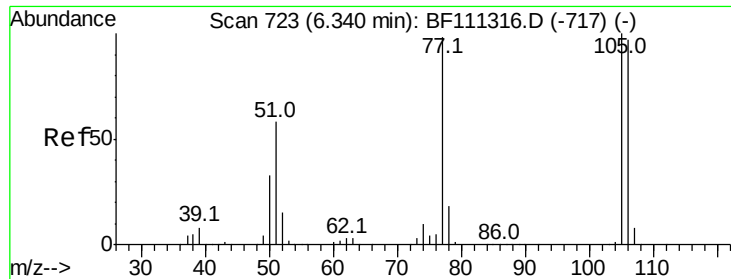
Delta R.T. 0.01 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Tgt Ion:	128	Resp:	723739
Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.7	52.7
64	48.3	30.0	70.0





#9

Benzaldehyde

Concen: 40.906 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Instrument :

BNA_F

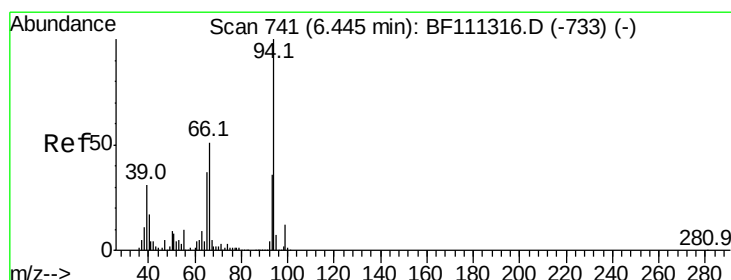
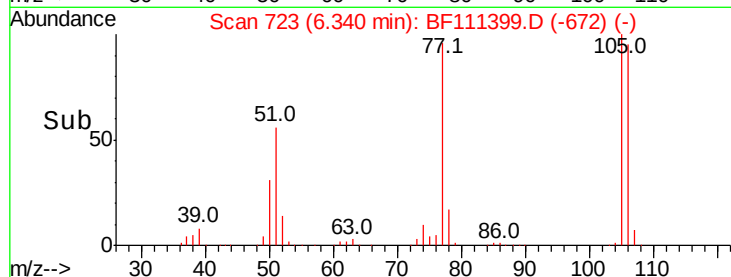
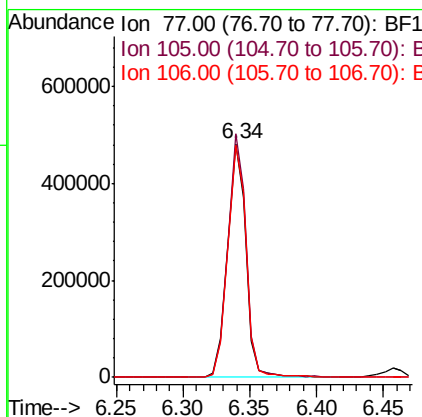
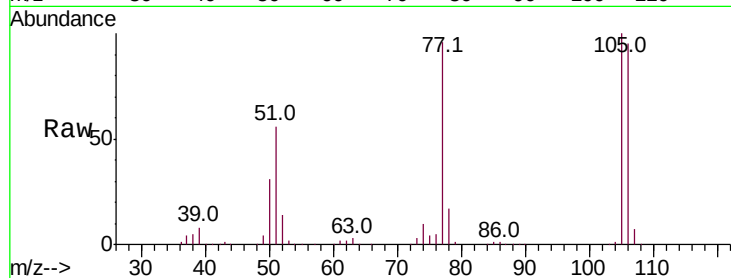
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	473897
Ion Ratio	Lower	Upper	
77	100		
105	104.2	81.4	121.4
106	99.1	77.9	117.9

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#10

Phenol

Concen: 37.495 ng

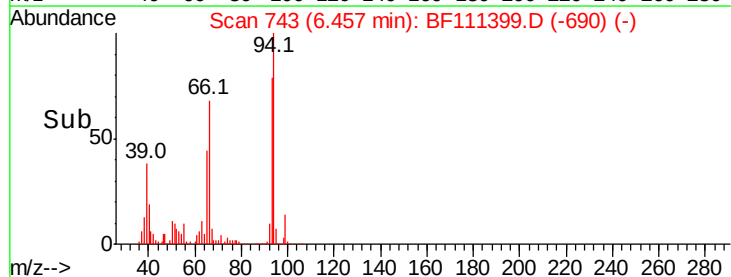
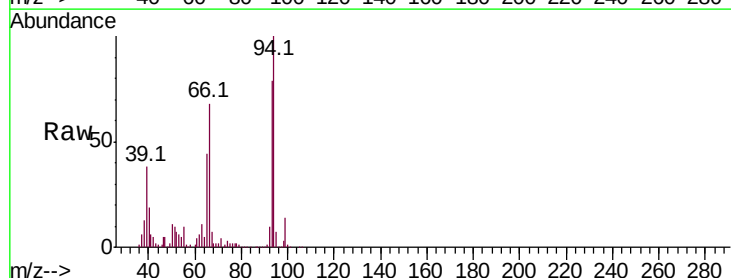
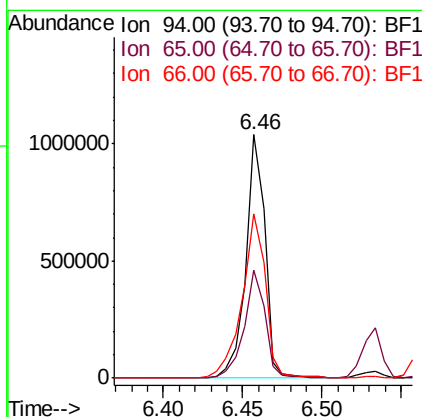
RT: 6.46 min Scan# 743

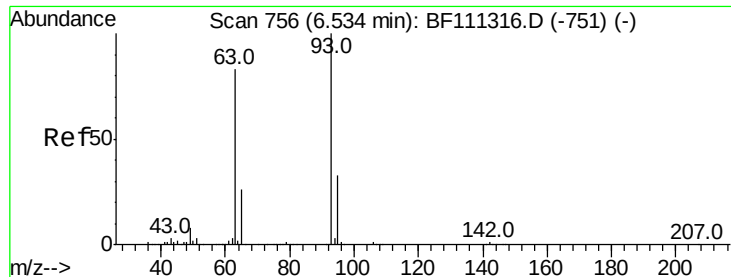
Delta R.T. 0.01 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Tgt Ion:	94	Resp:	869607
Ion Ratio	Lower	Upper	
94	100		
65	44.2	11.7	51.7
66	67.5	21.0	61.0#





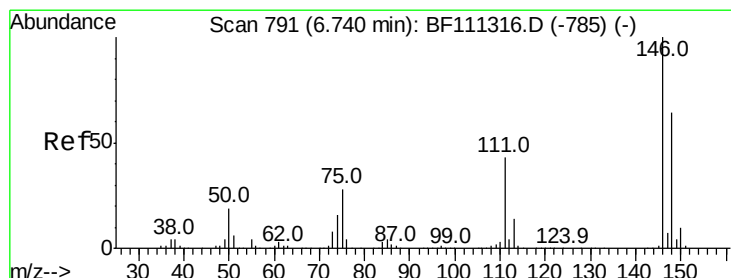
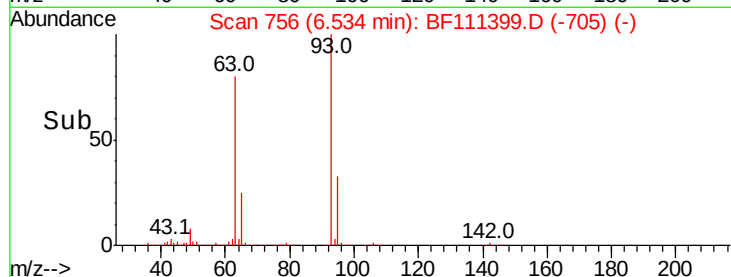
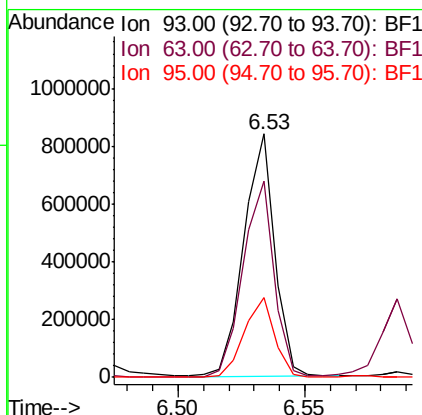
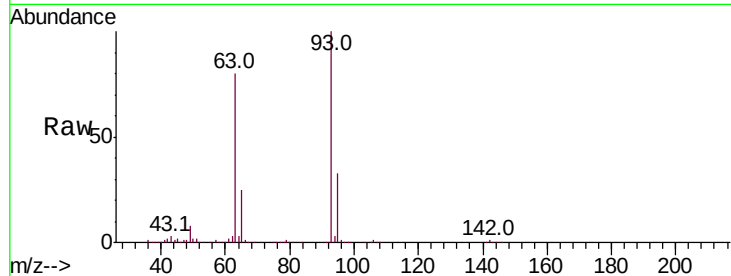
#11
bis(2-Chloroethyl)ether
Concen: 38.973 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.5	60.0	100.0
95	32.8	13.4	53.4

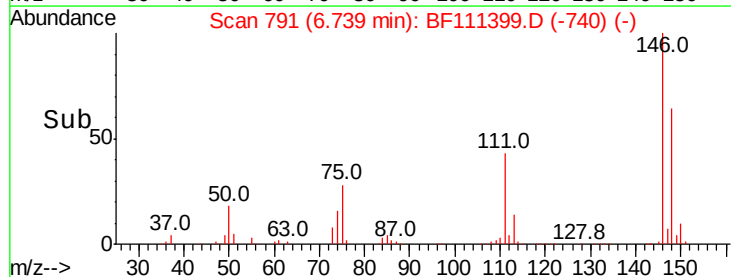
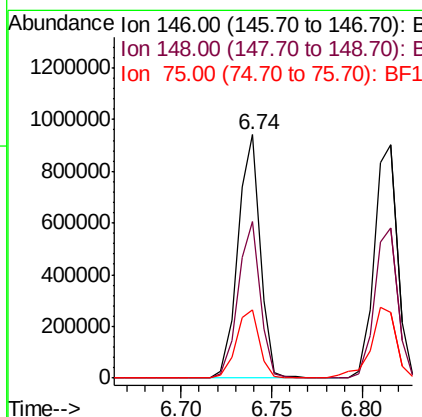
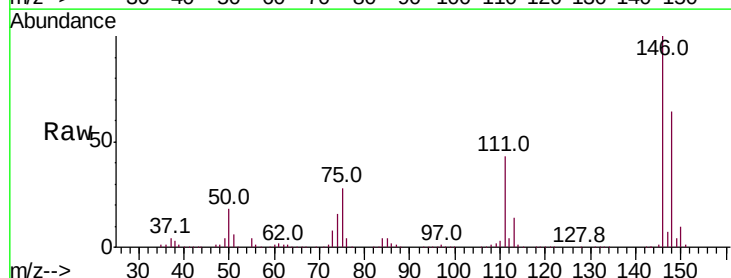
Manual Integrations
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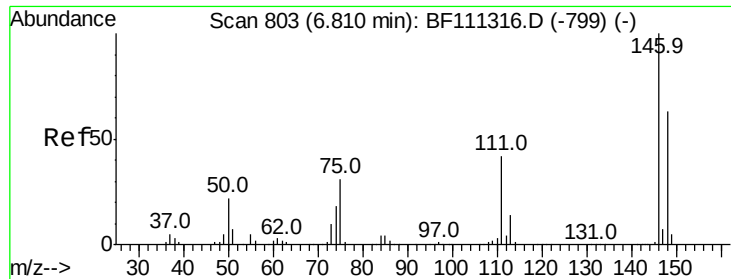
Sohil
12/14/2018 12:54:08 PM



#12
1,3-Dichlorobenzene
Concen: 39.642 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.1	78.1
75	28.1	23.9	35.9





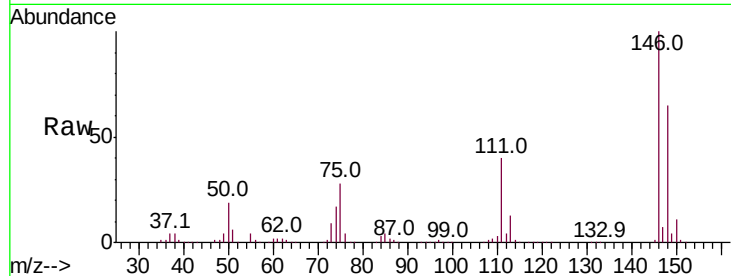
#13
 1,4-Dichlorobenzene
 Concen: 39.297 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.8	79.2
111	40.2	33.4	50.0

Manual Integrations
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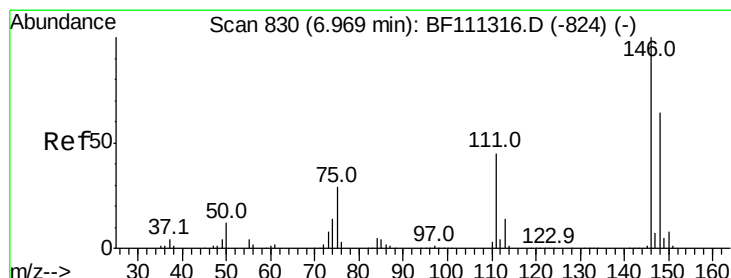
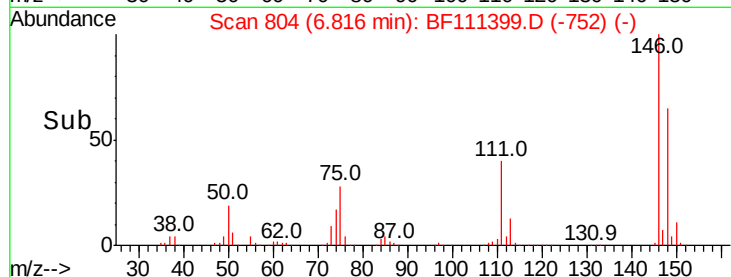
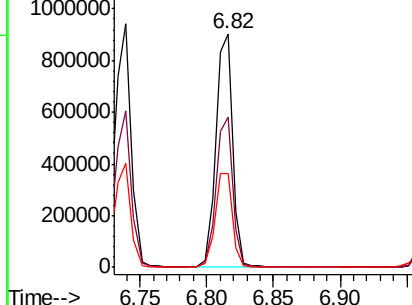


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.894 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

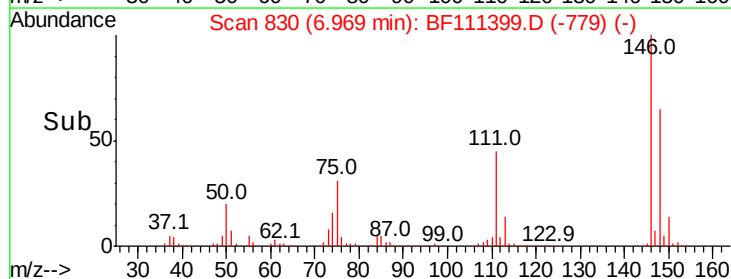
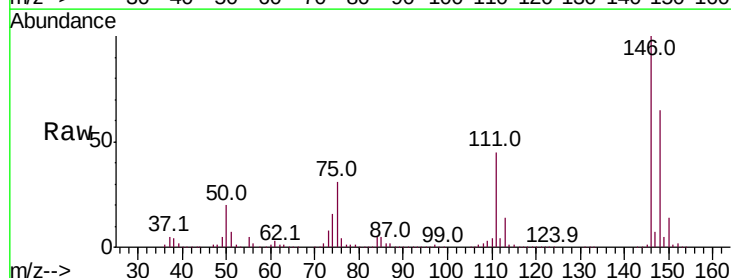
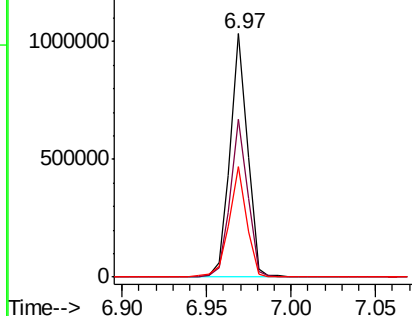
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.9	77.9
111	45.3	36.2	54.4

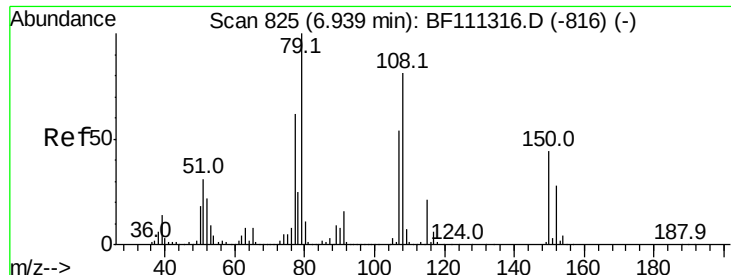
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





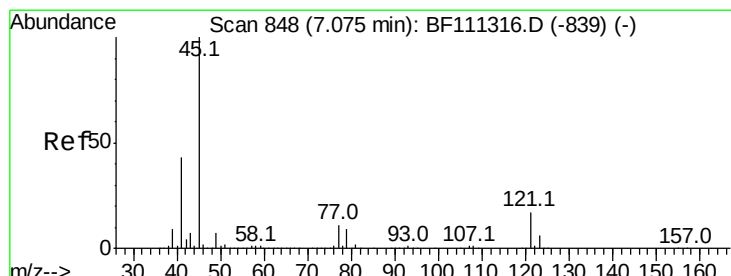
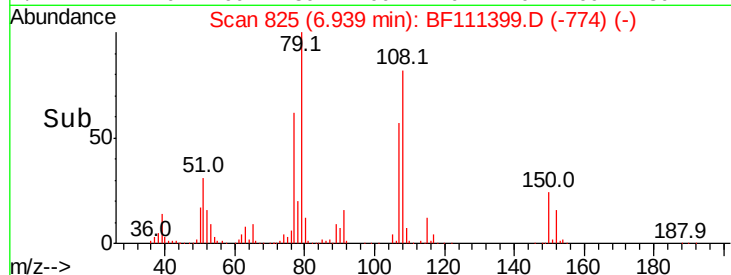
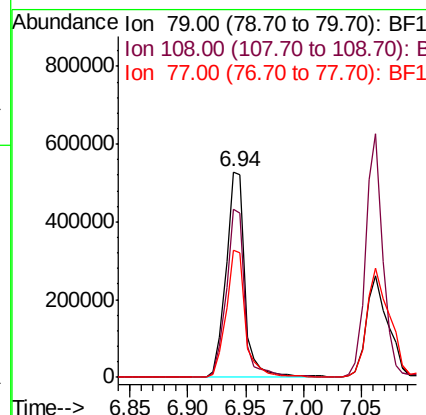
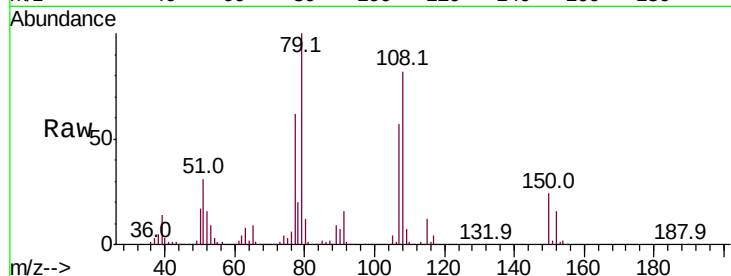
#15
Benzyl Alcohol
Concen: 38.444 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	69.4	104.2
77	61.7	49.7	74.5

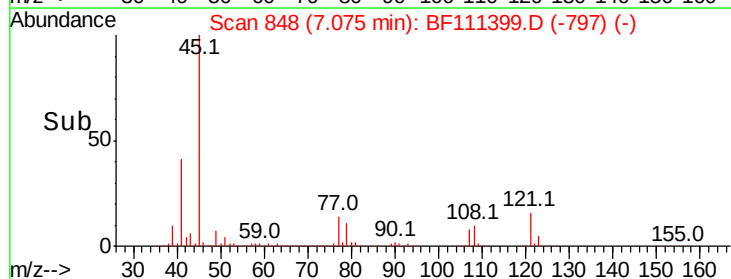
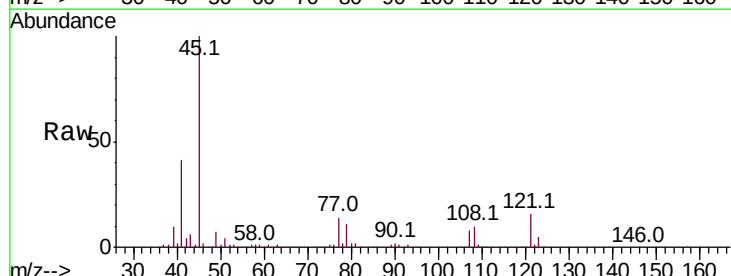
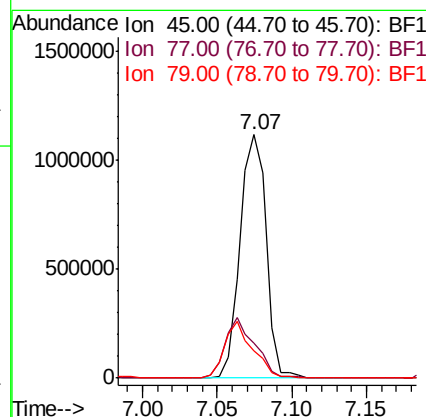
Manual Integrations
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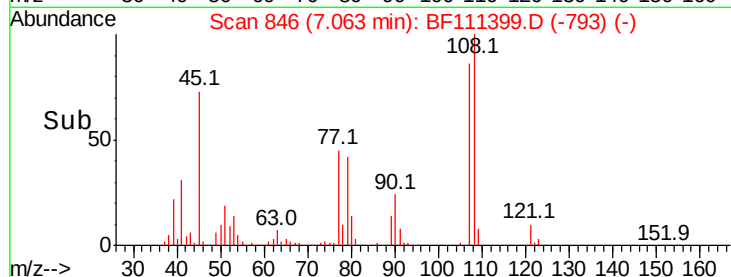
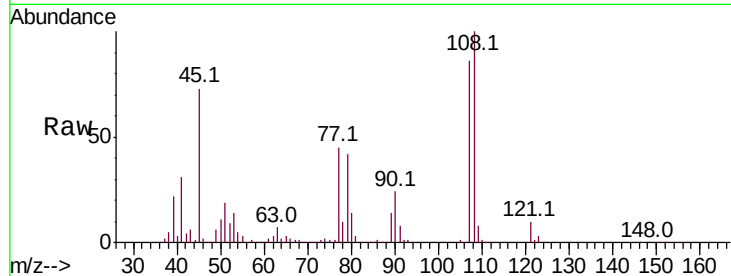
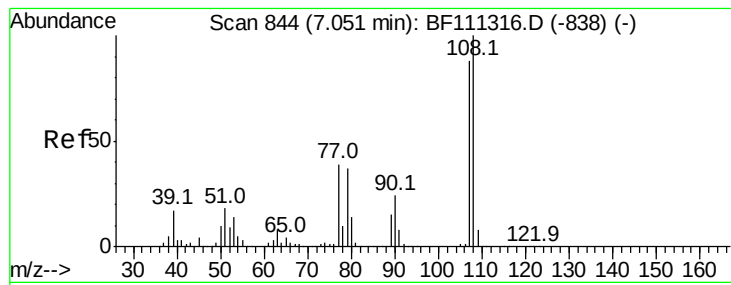
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.704 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	31.5
79	11.3	0.0	28.9





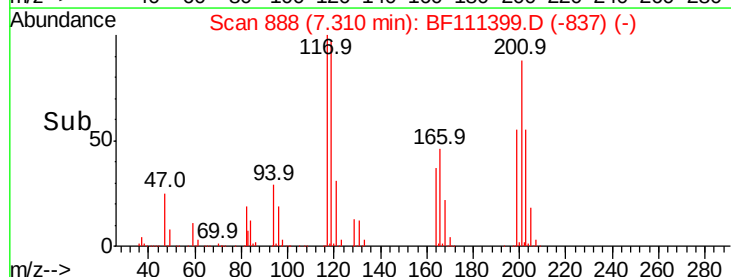
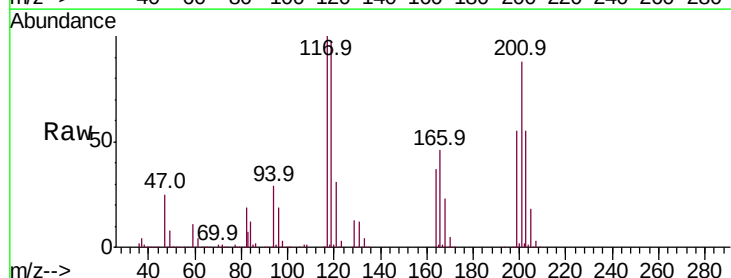
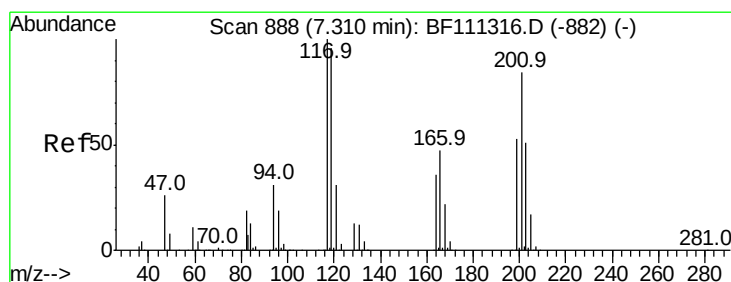
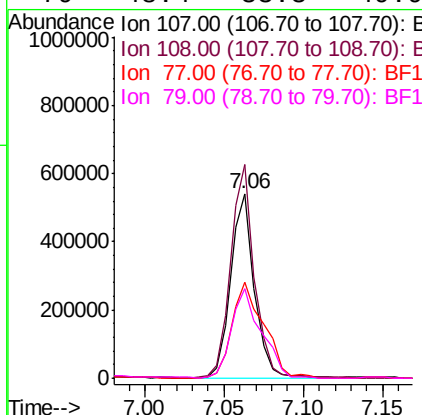
#17
2-Methylphenol
Concen: 37.046 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.8	91.0	136.4	
77	51.9	33.5	50.3	
79	48.4	33.3	49.9	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

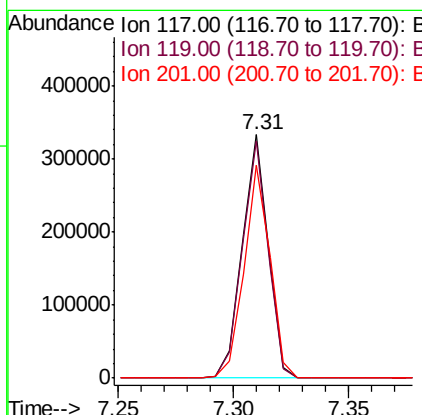
Manual Integrations
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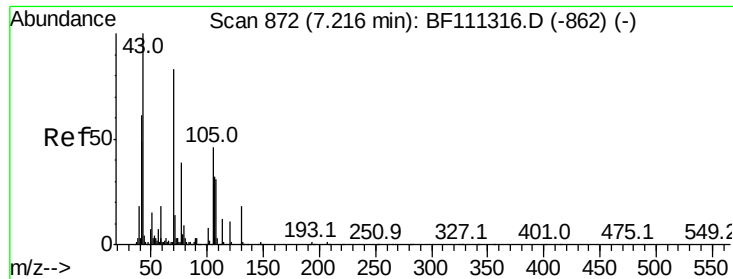
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#18
Hexachloroethane
Concen: 34.489 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.4	75.4	113.0	
201	87.7	62.4	93.6	





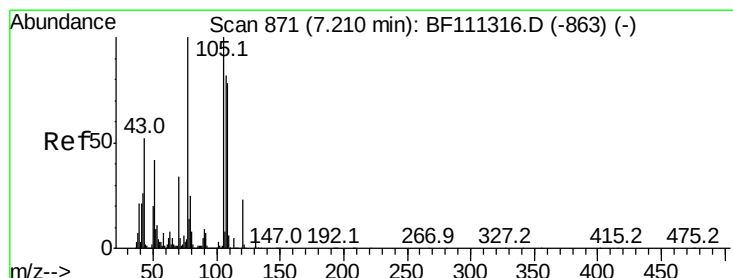
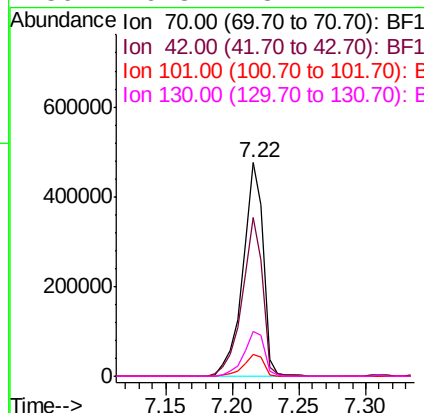
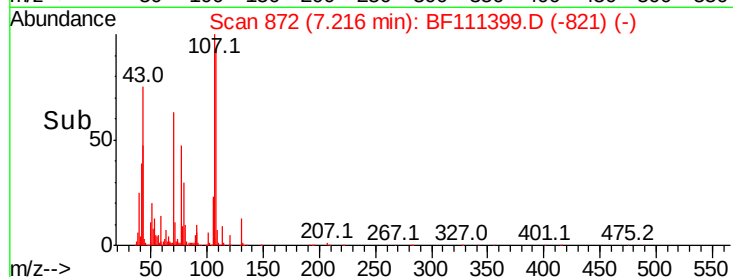
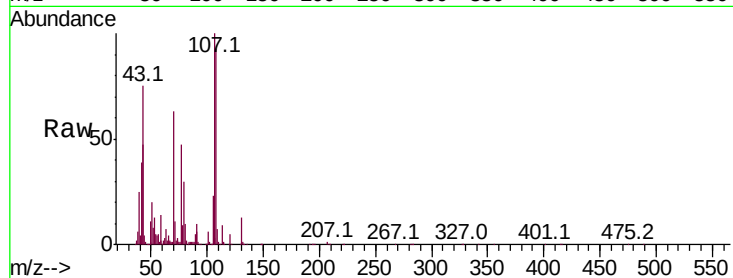
#19
n-Nitroso-di-n-propylamine
Concen: 36.851 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.1	53.2	79.8
101	10.0	8.2	12.4
130	20.8	18.1	27.1

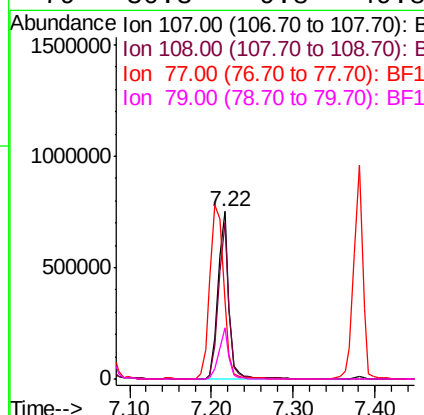
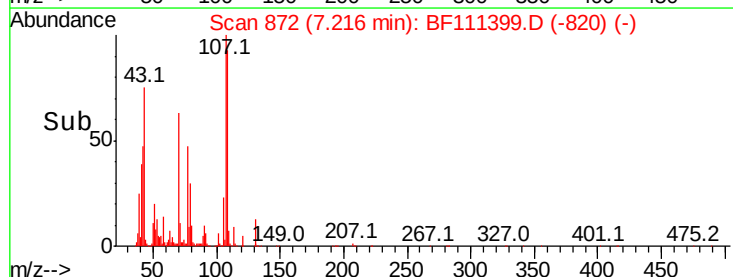
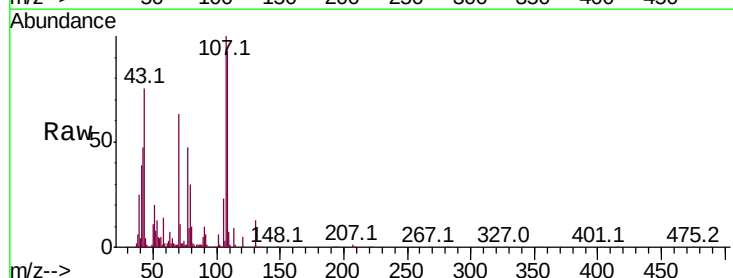
Manual Integrations
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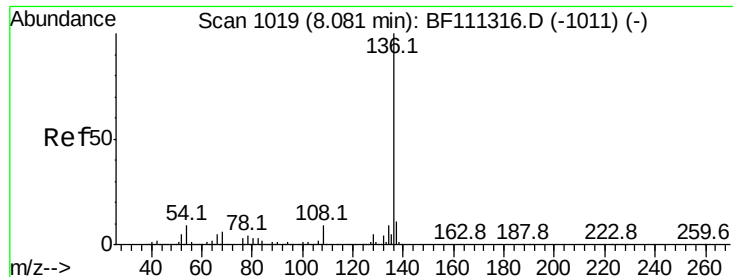
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#20
3+4-Methylphenols
Concen: 38.568 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	72.1	112.1
77	46.9	94.1	134.1#
79	30.3	9.8	49.8





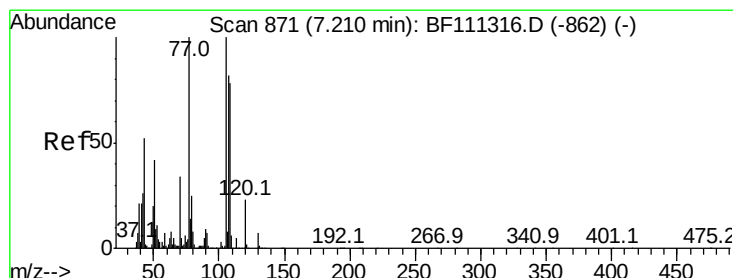
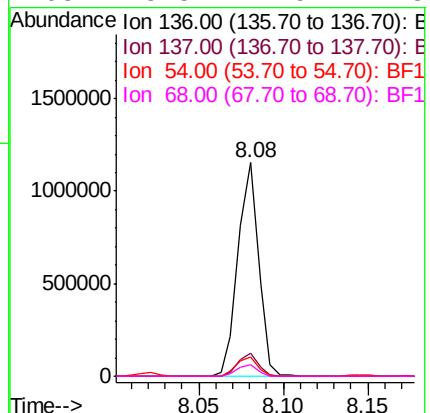
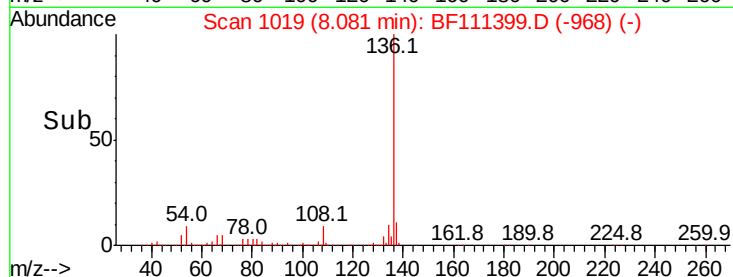
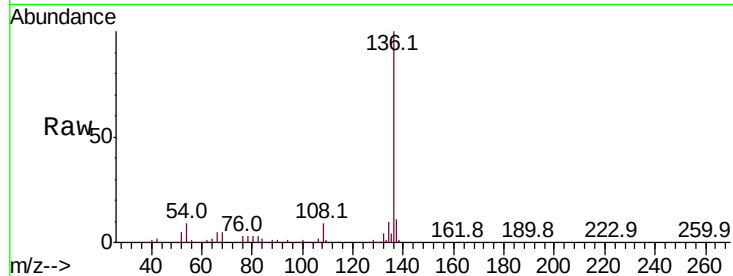
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.1	13.7	
54	9.1	7.7	11.5	
68	5.5	4.9	7.3	

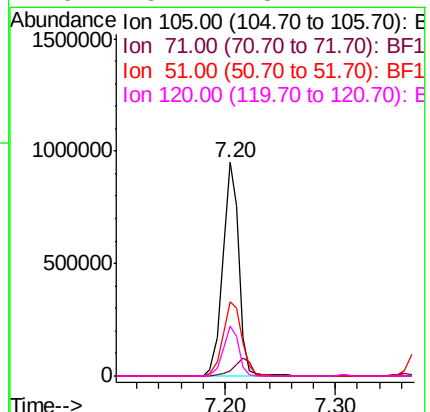
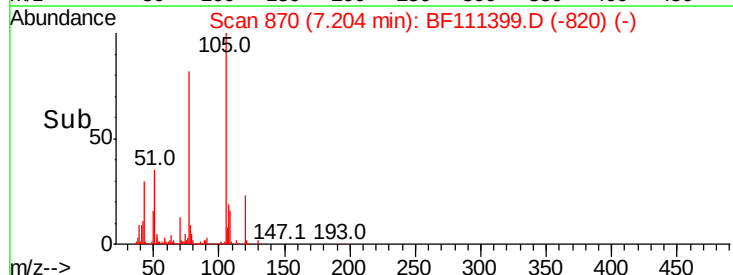
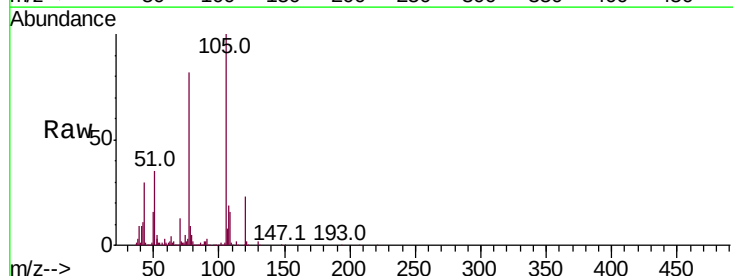
Manual Integrations
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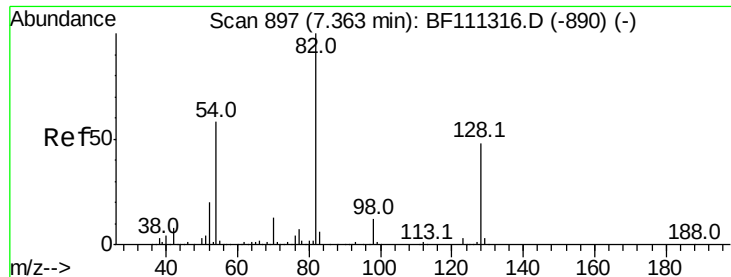
Sohil
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#22
Acetophenone
Concen: 41.930 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.3	3.1	4.7#	
51	34.7	36.6	54.8#	
120	23.2	18.2	27.4	





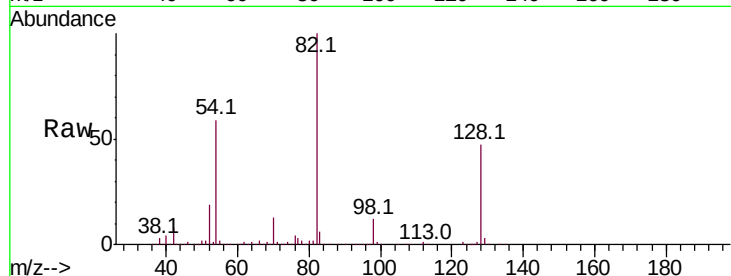
#23
Nitrobenzene-d5
Concen: 83.608 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

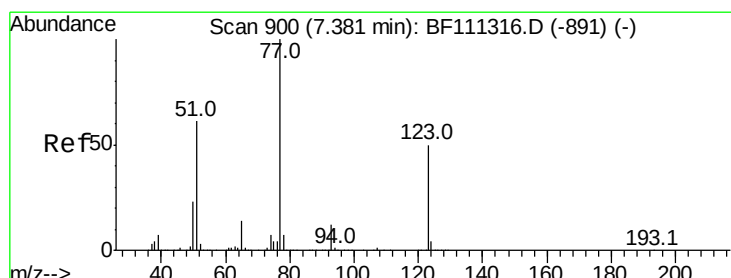
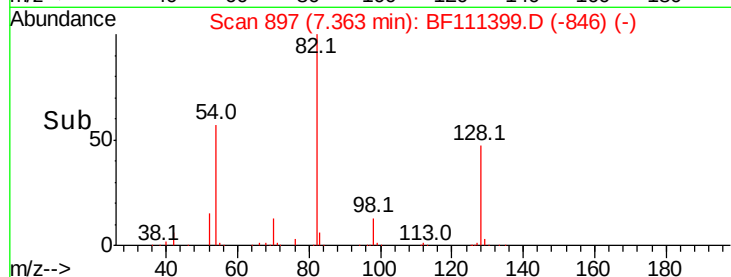
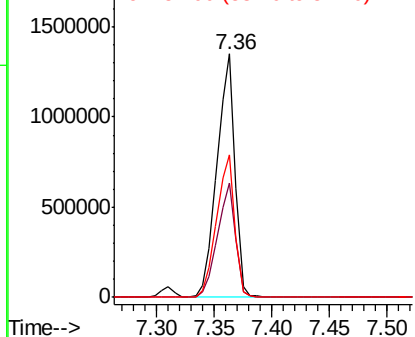
Tot Ion: 82 Resp: 1462443
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.2
54 58.6 47.6 71.4

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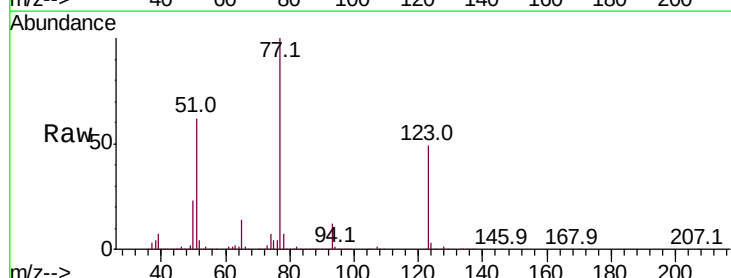


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

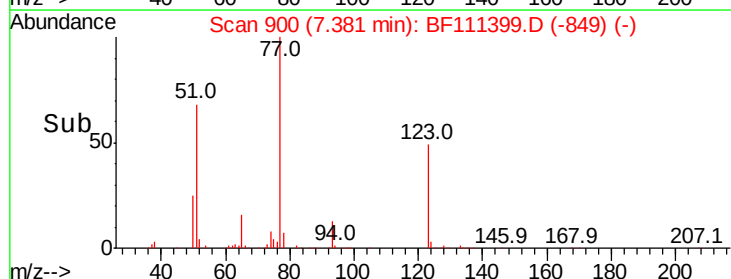
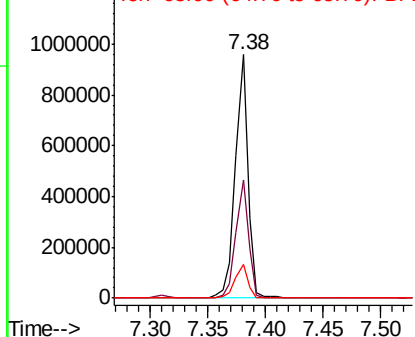


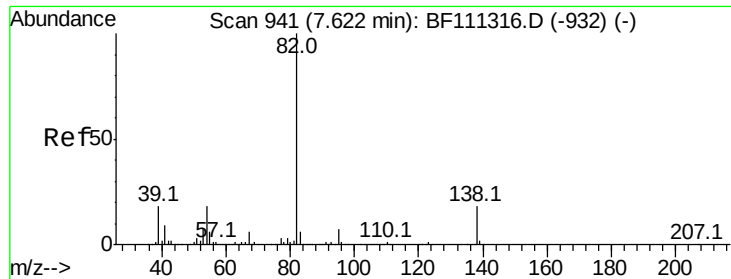
#24
Nitrobenzene
Concen: 40.340 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion: 77 Resp: 726817
Ion Ratio Lower Upper
77 100
123 48.7 37.2 55.8
65 14.1 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.810 ng

RT: 7.62 min Scan# 941

Delta R.T. -0.00 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Instrument :

BNA_F

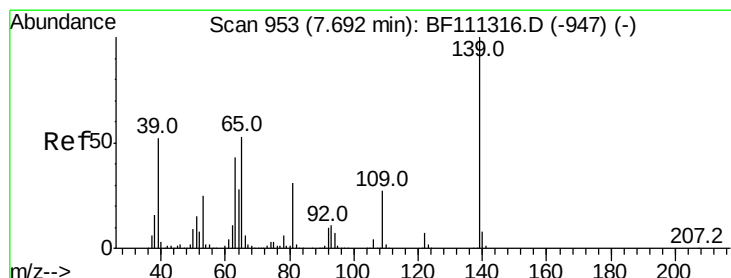
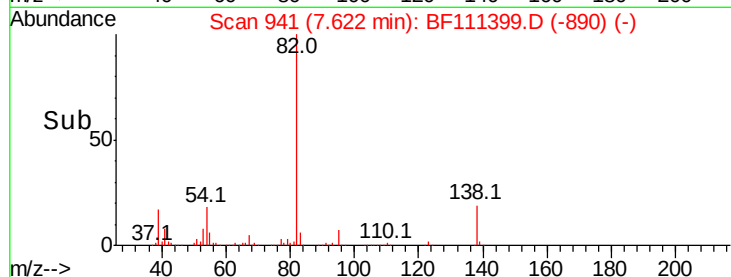
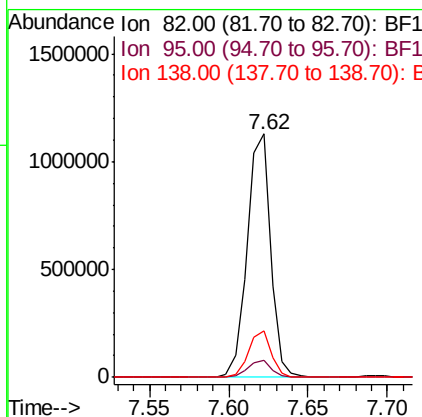
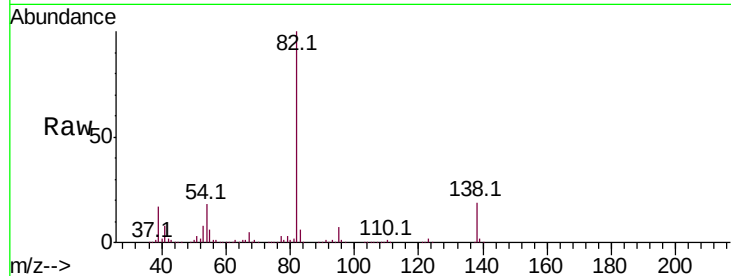
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	1153130
Ion	Ratio	Lower	Upper
82	100		
95	7.1	5.4	8.2
138	19.3	15.1	22.7

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#26

2-Nitrophenol

Concen: 36.174 ng

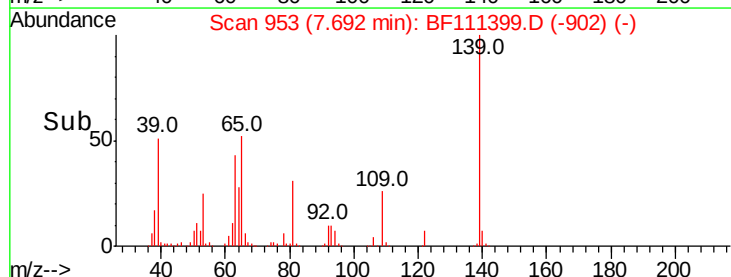
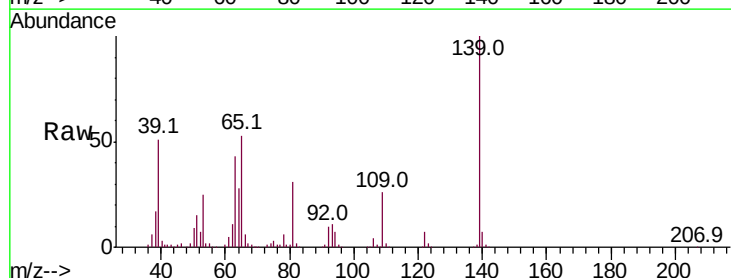
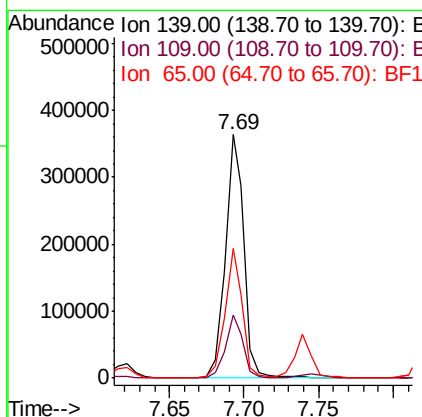
RT: 7.69 min Scan# 953

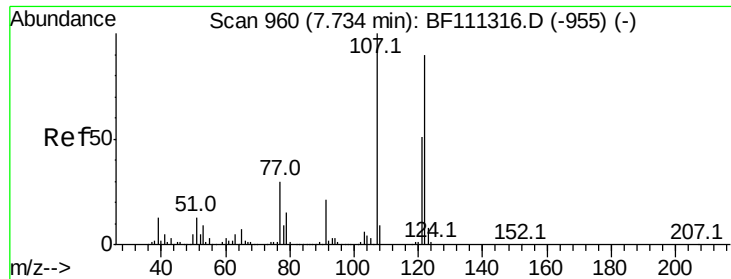
Delta R.T. -0.00 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Tgt Ion:	139	Resp:	320357
Ion	Ratio	Lower	Upper
139	100		
109	25.7	20.2	30.4
65	53.2	40.7	61.1





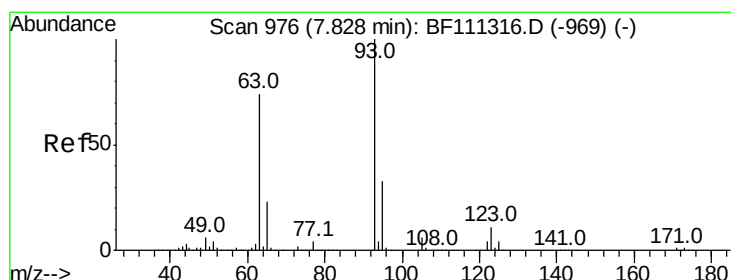
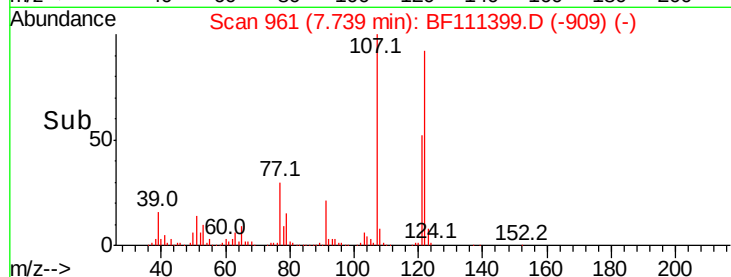
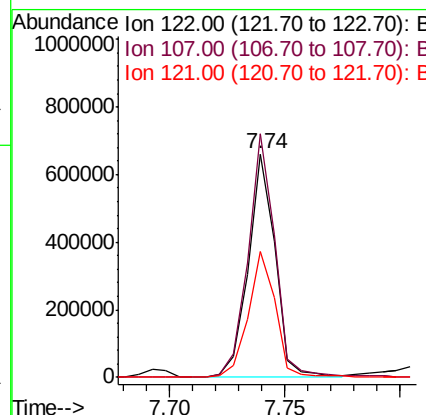
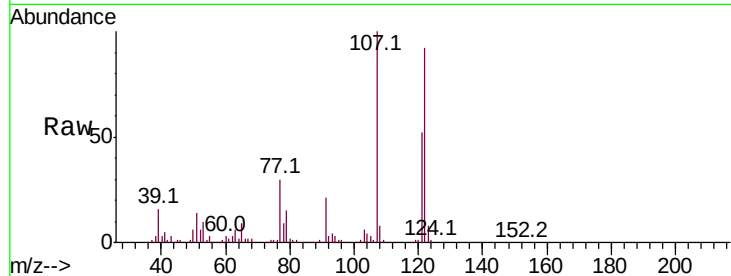
#27
2,4-Dimethylphenol
Concen: 40.073 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	538721		
107	109.0	85.5	128.3	
121	56.3	46.6	70.0	

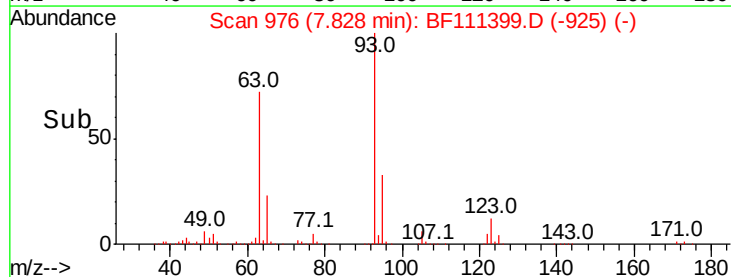
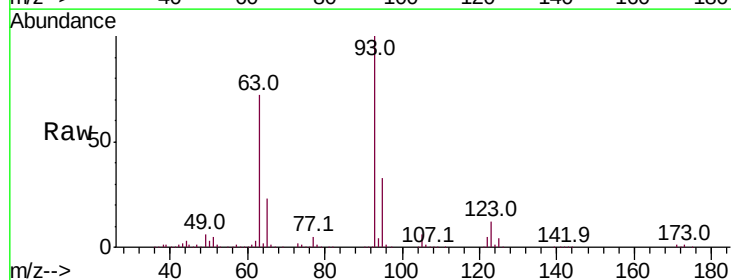
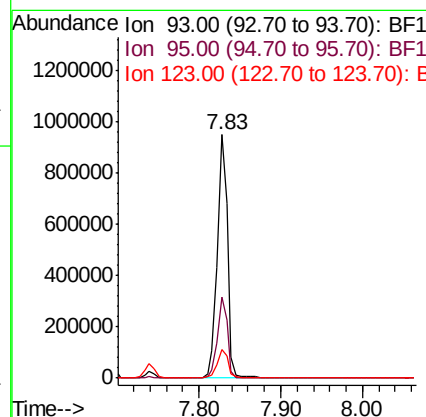
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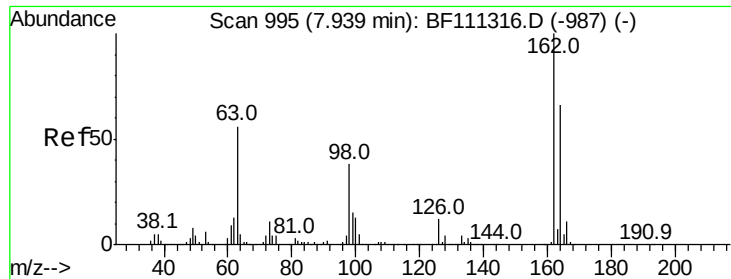
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 40.229 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	820427		
95	33.3	27.1	40.7	
123	11.6	9.9	14.9	





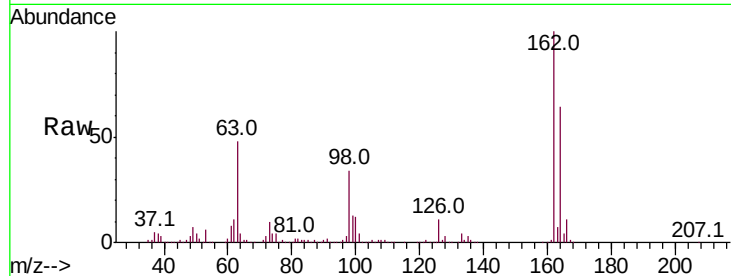
#29
2,4-Dichlorophenol
Concen: 38.668 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

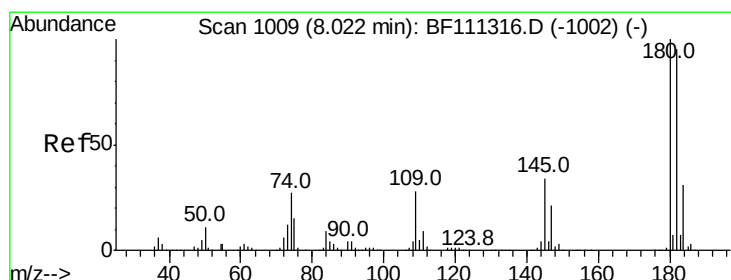
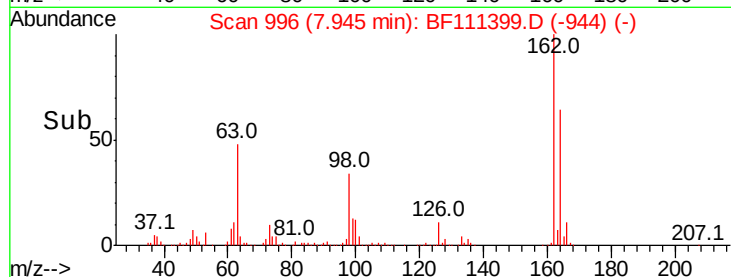
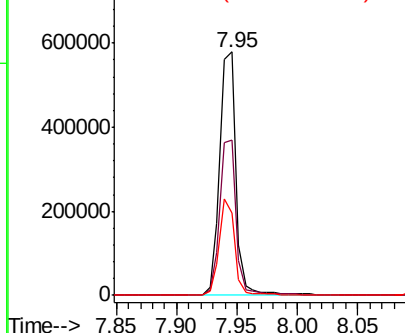
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.0	44.4	84.4
98	33.8	20.3	60.3

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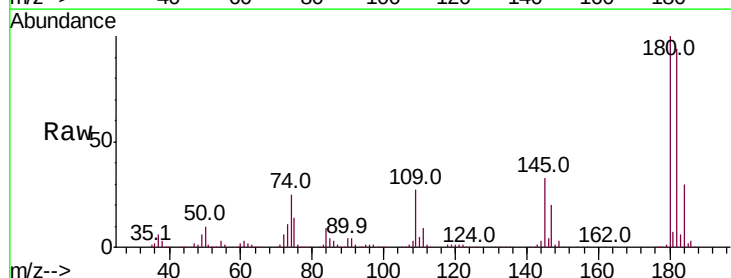


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

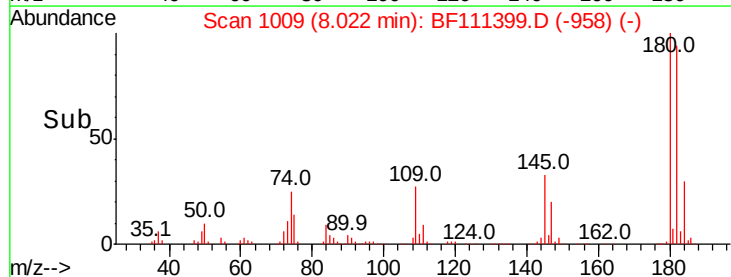
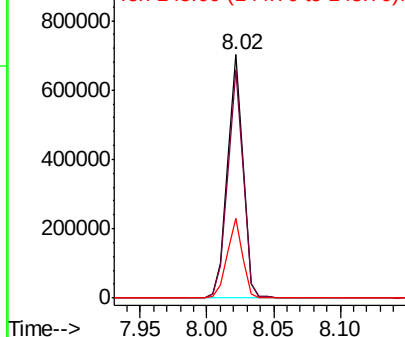


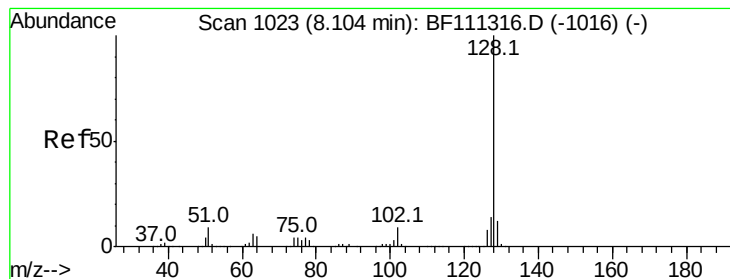
#30
1,2,4-Trichlorobenzene
Concen: 40.681 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.7	75.6	113.4
145	32.7	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: 39.727 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1824815

Ion Ratio Lower Upper

128 100

129 11.4 9.8 14.8

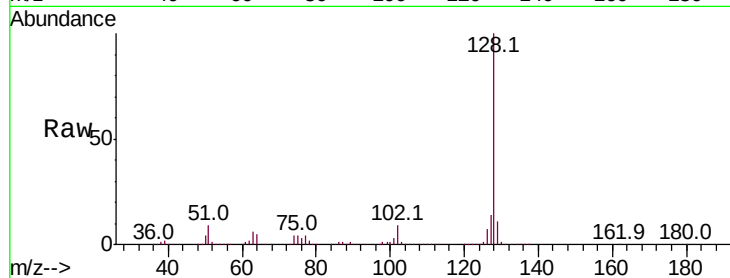
127 13.8 12.0 18.0

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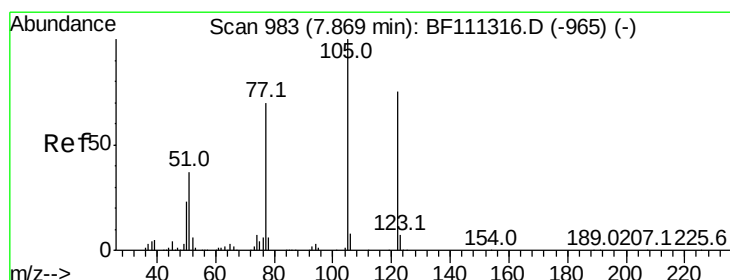
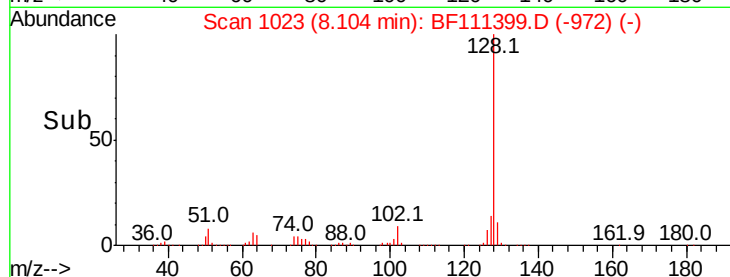
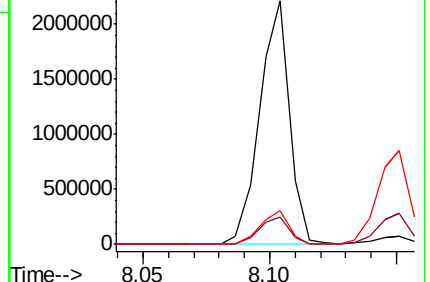
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.891 ng m

RT: 7.85 min Scan# 979

Delta R.T. -0.02 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

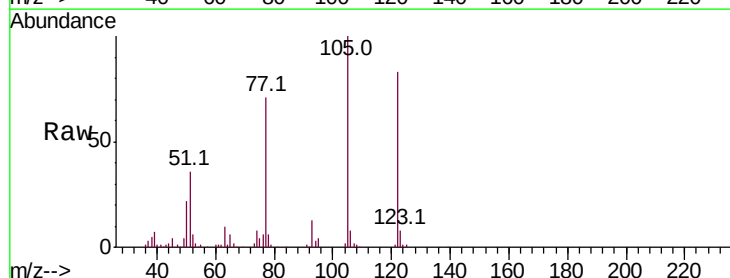
Tgt Ion:122 Resp: 289340

Ion Ratio Lower Upper

122 100

105 120.9 97.0 137.0

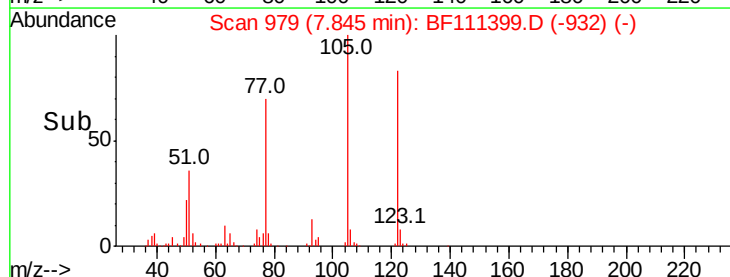
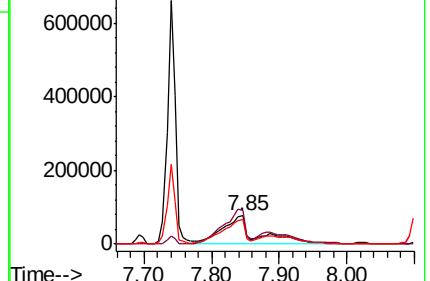
77 85.7 65.7 105.7

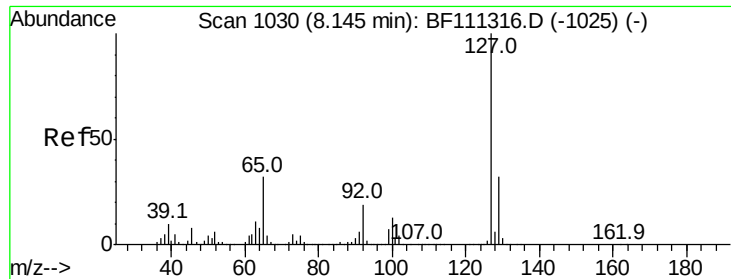


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





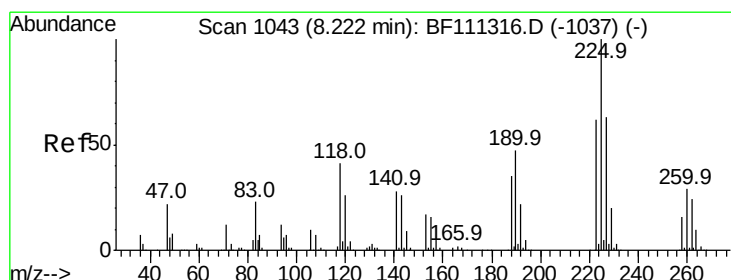
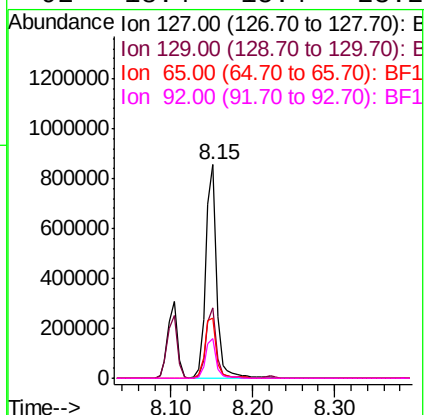
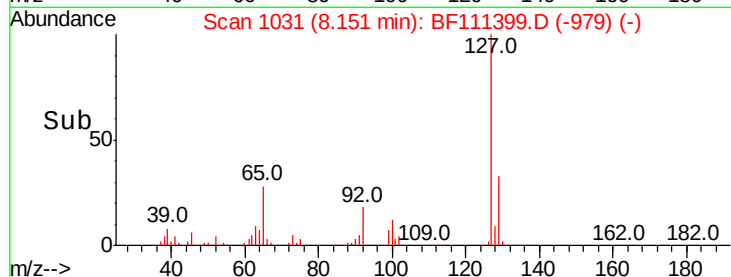
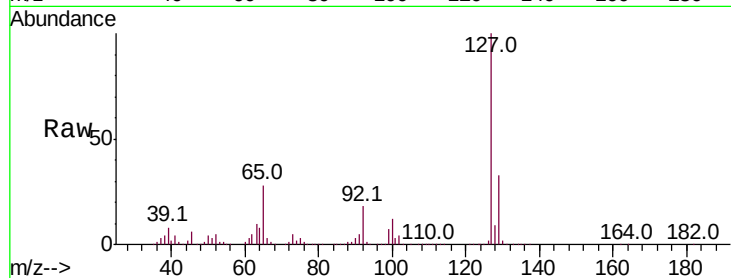
#33
4-Chloroaniline
Concen: 40.439 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.2	26.6	39.8	
65	28.2	25.7	38.5	
92	18.4	15.4	23.2	

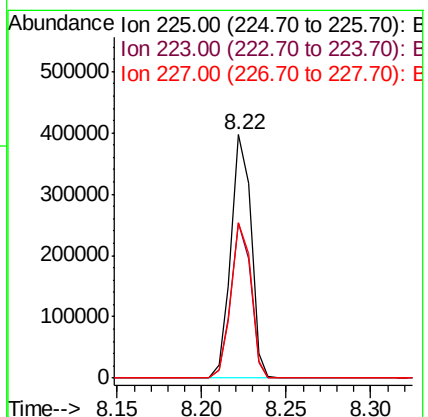
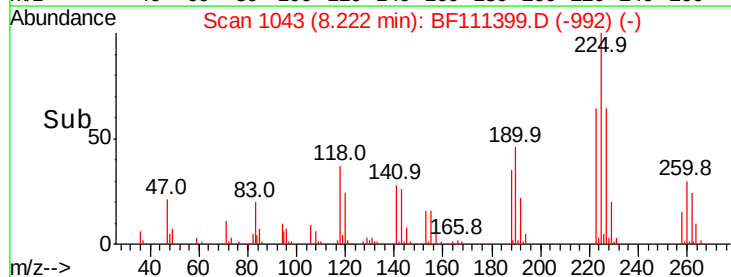
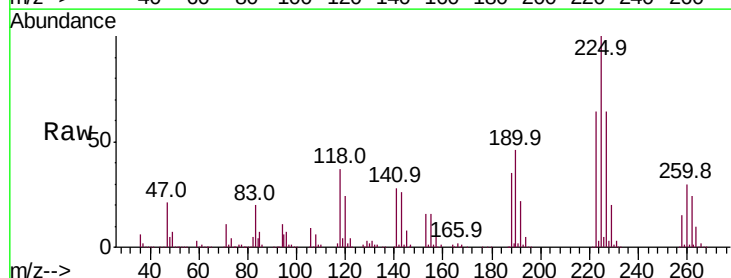
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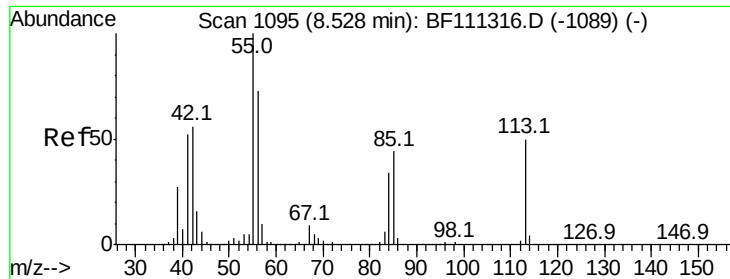
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#34
Hexachlorobutadiene
Concen: 41.177 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.7	76.1	
227	64.0	52.6	78.8	





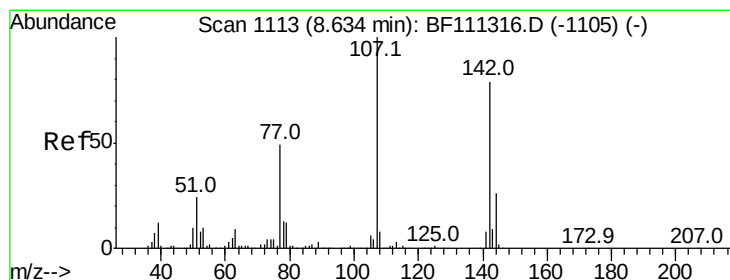
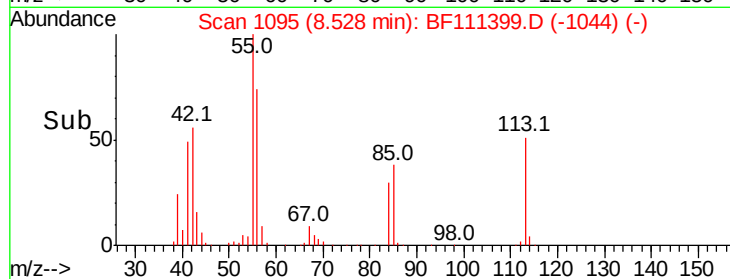
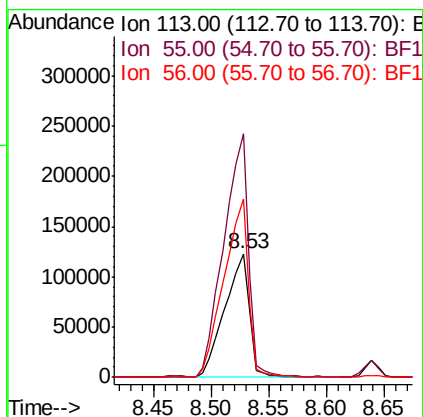
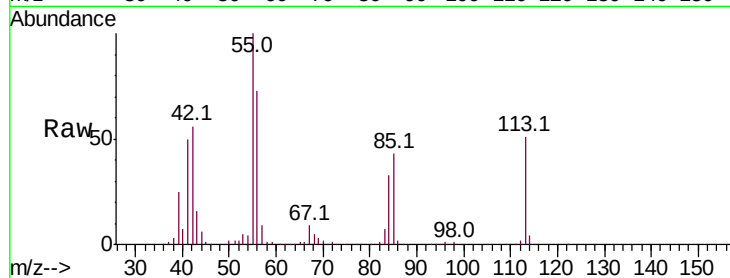
#35
 Caprolactam
 Concen: 36.931 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.9	184.1	224.1
56	144.6	126.0	166.0

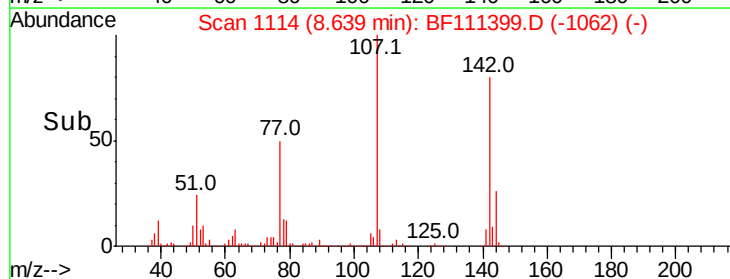
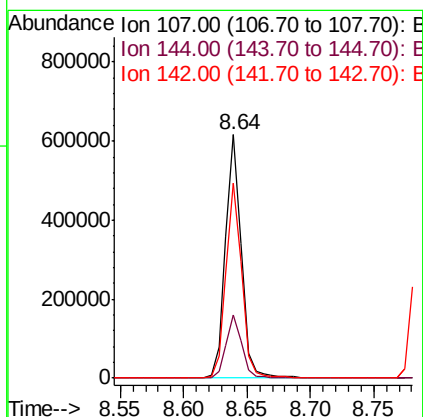
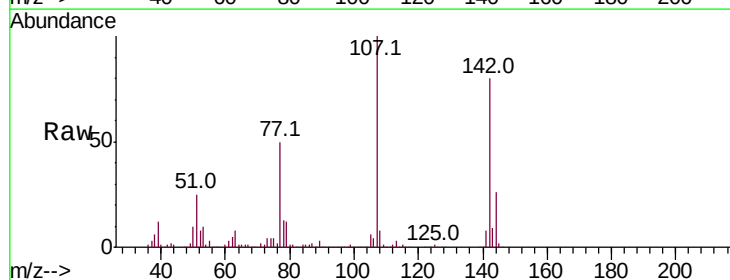
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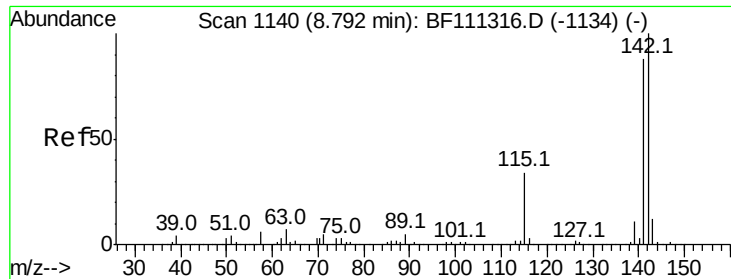
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#36
 4-Chloro-3-methylphenol
 Concen: 36.011 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	19.8	29.6
142	80.0	62.3	93.5





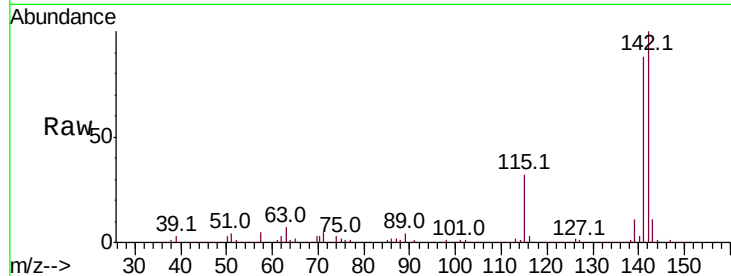
#37
2-Methylnaphthalene
Concen: 38.795 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

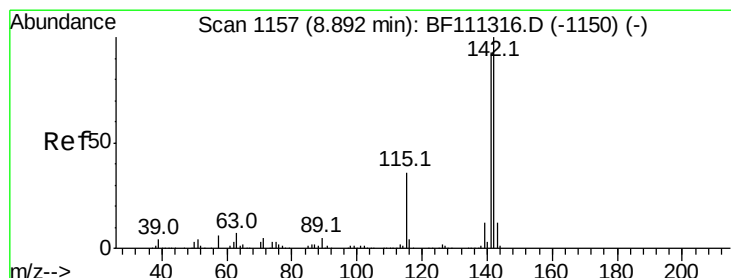
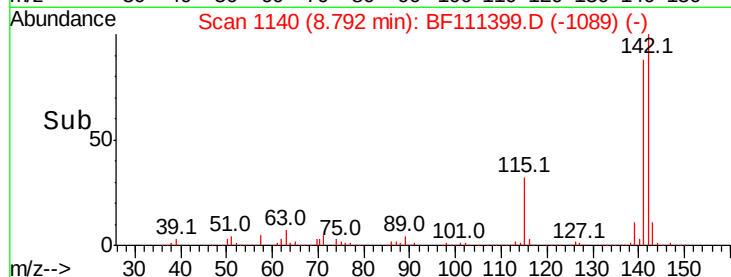
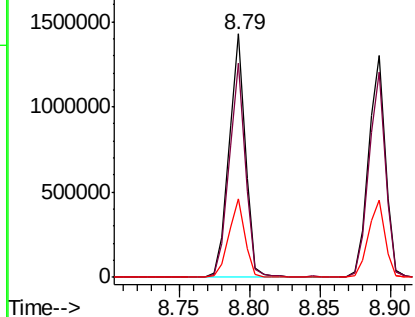
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.6	105.8
115	32.2	27.0	40.6

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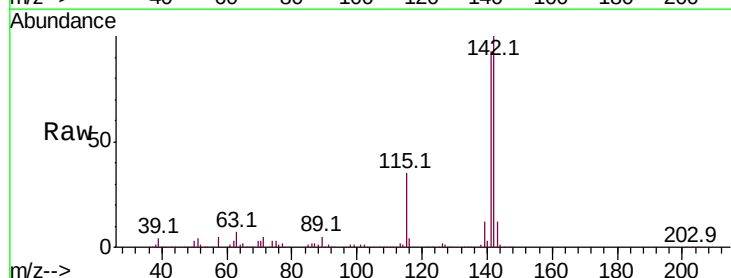


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

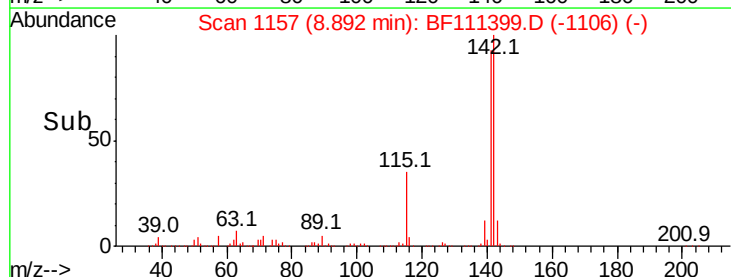
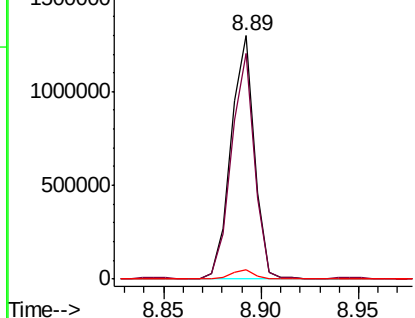


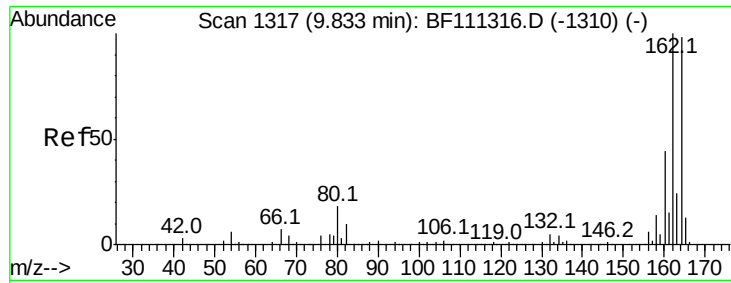
#38
1-Methylnaphthalene
Concen: 37.584 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	74.2	111.4
116	3.7	2.9	4.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





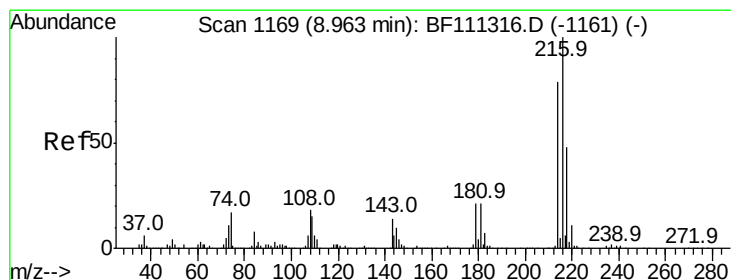
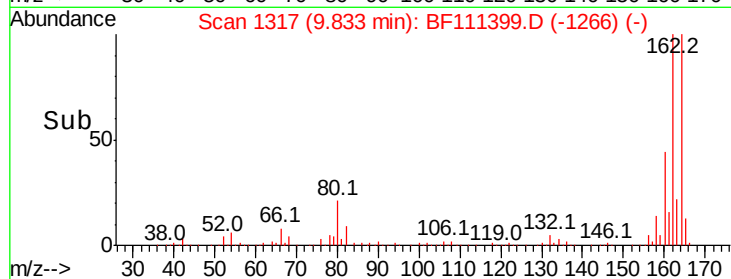
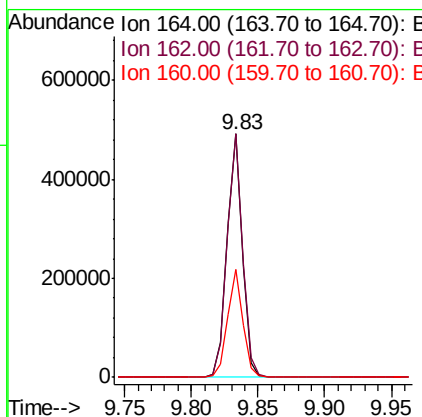
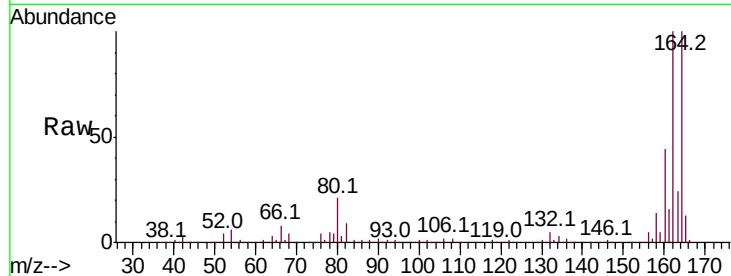
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100	402202		
162	100.1	81.4	122.0	
160	44.1	35.7	53.5	

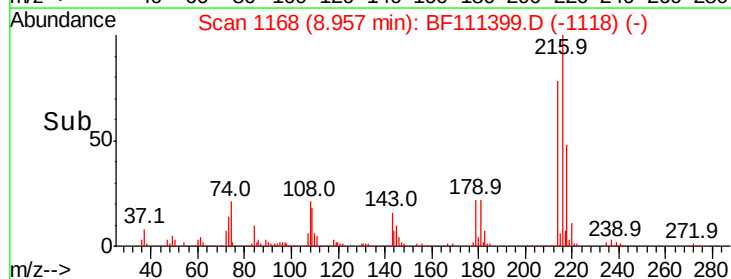
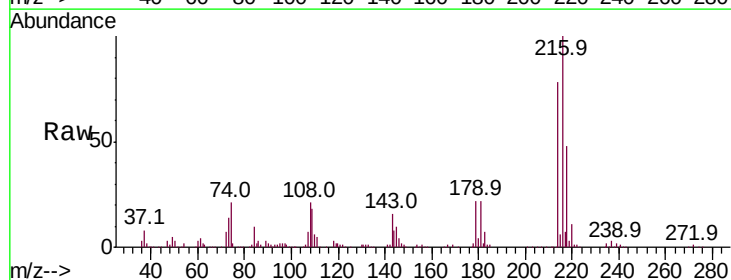
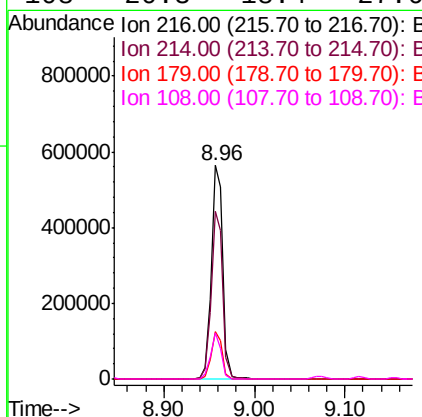
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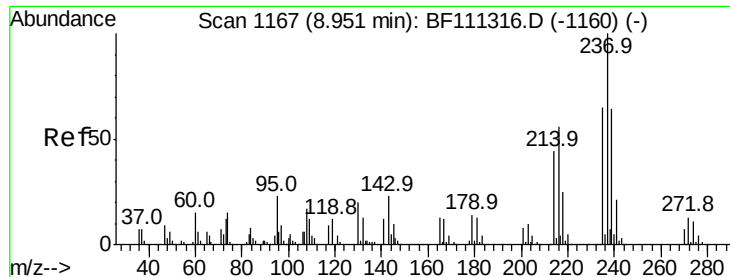
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.187 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	499553		
214	78.6	63.8	95.8	
179	21.5	17.9	26.9	
108	20.3	18.4	27.6	





#41

Hexachlorocyclopentadiene

Concen: 10.237 ng

RT: 8.95 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Instrument :

BNA_F

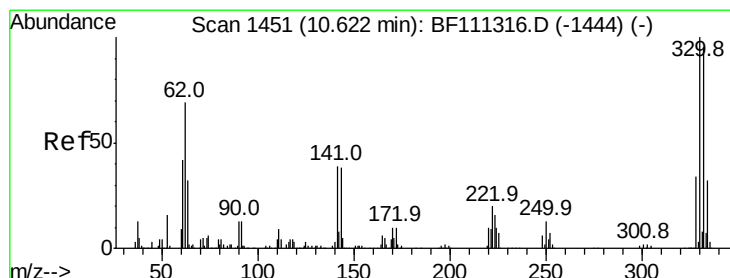
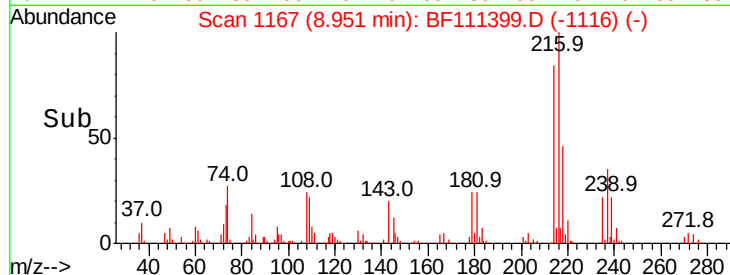
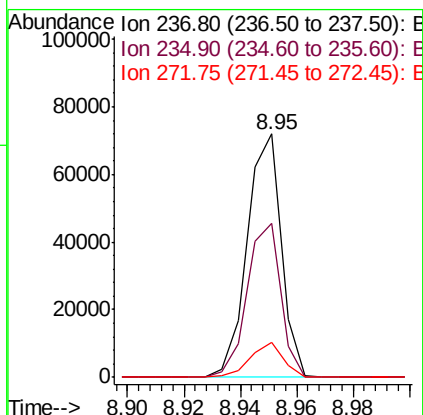
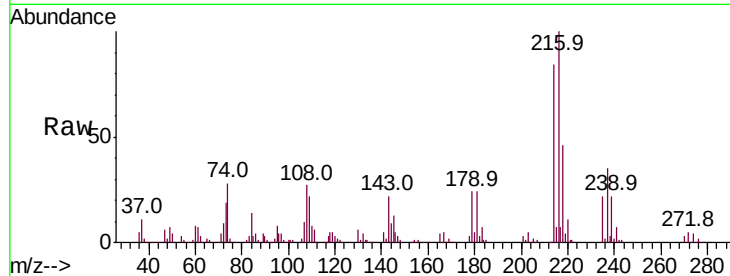
ClientSampleId :

SSTDCCC040

Tot Ion:	237	Resp:	60435
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.1	83.1
272	14.2	0.0	33.0

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 66.207 ng

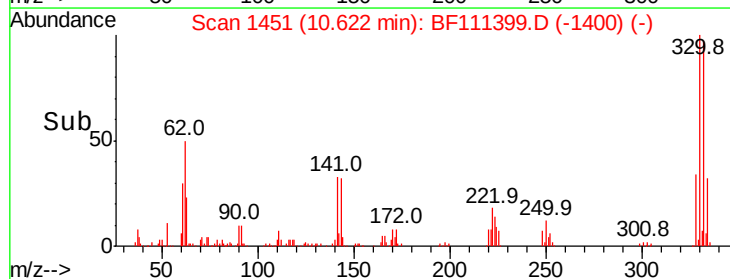
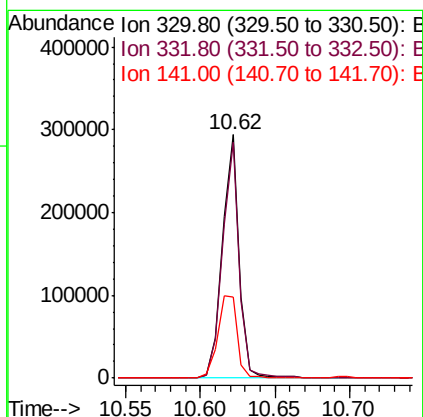
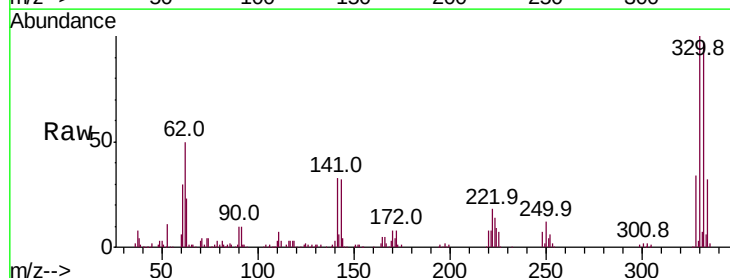
RT: 10.62 min Scan# 1451

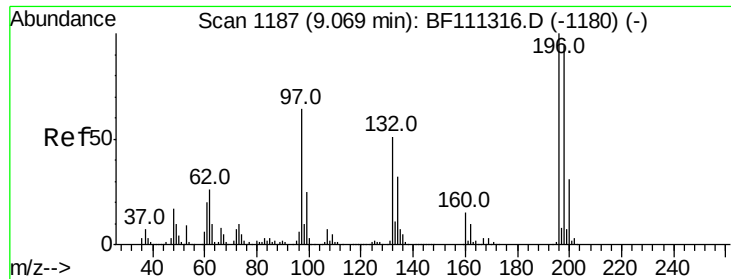
Delta R.T. -0.00 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Tgt Ion:	330	Resp:	234733
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.0	114.0
141	39.5	31.0	46.6





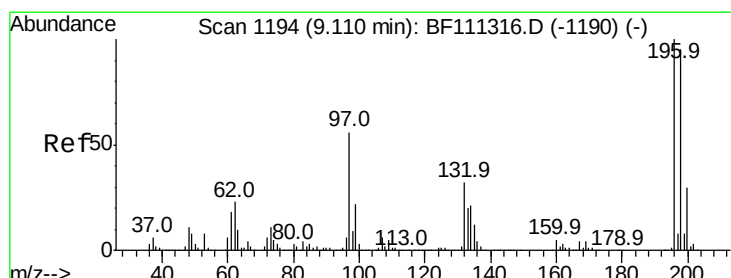
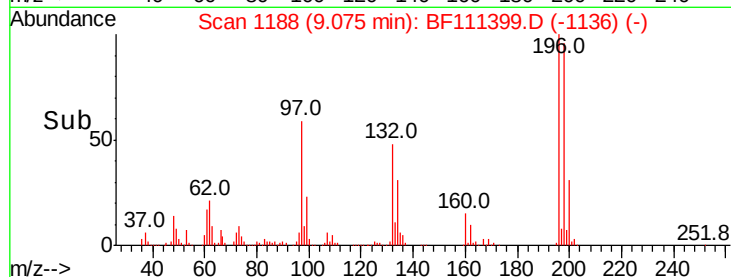
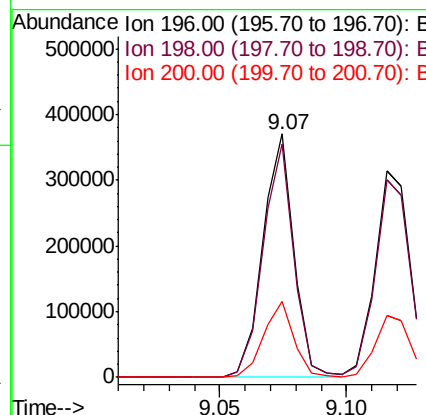
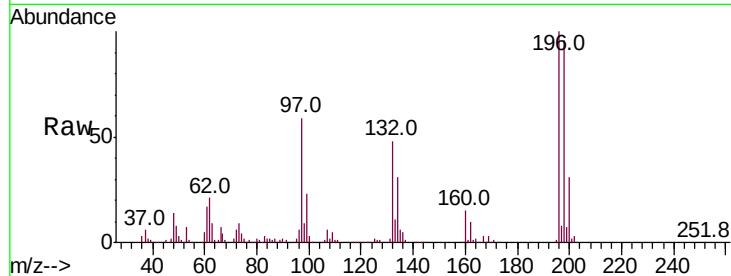
#43
 2,4,6-Trichlorophenol
 Concen: 39.119 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	316551		
198	96.0	76.3	114.5	
200	31.0	24.9	37.3	

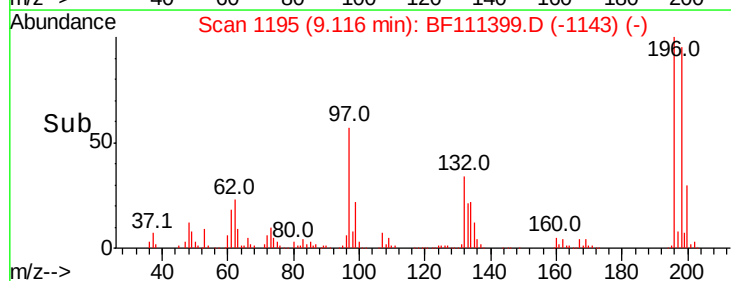
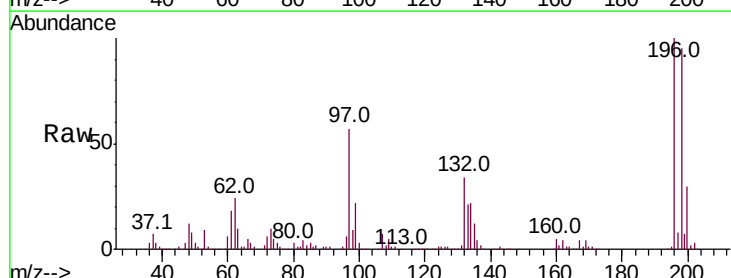
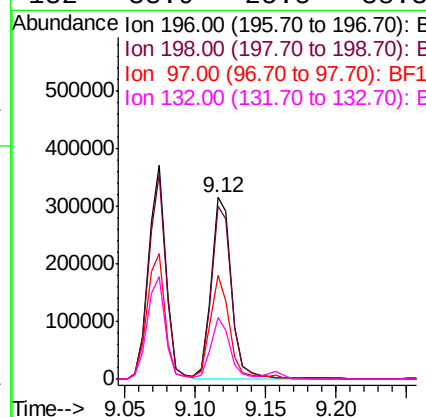
Manual Integrations
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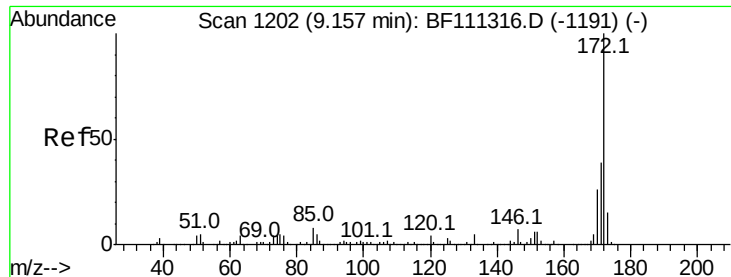
Sohil
 12/14/2018 12:54:08 PM



#44
 2,4,5-Trichlorophenol
 Concen: 36.538 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	312470		
198	95.4	72.9	109.3	
97	57.3	45.3	67.9	
132	33.9	25.5	38.3	





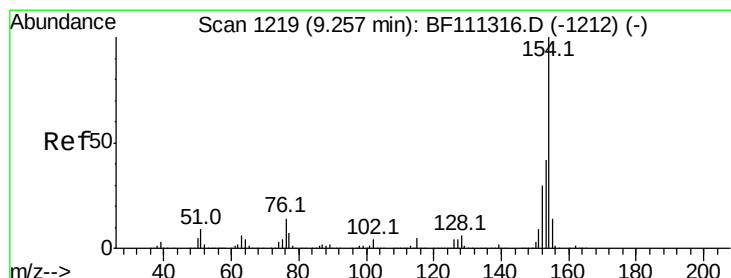
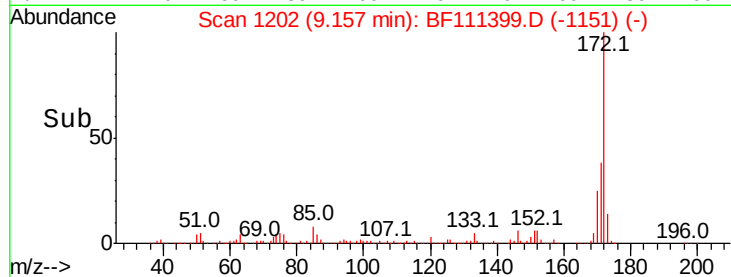
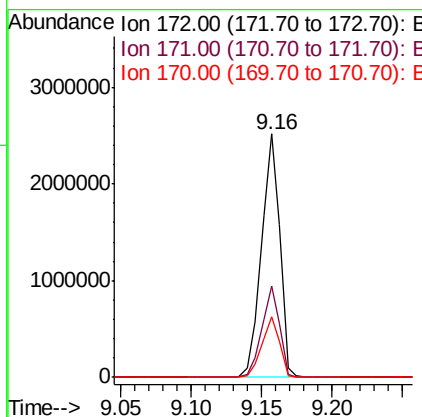
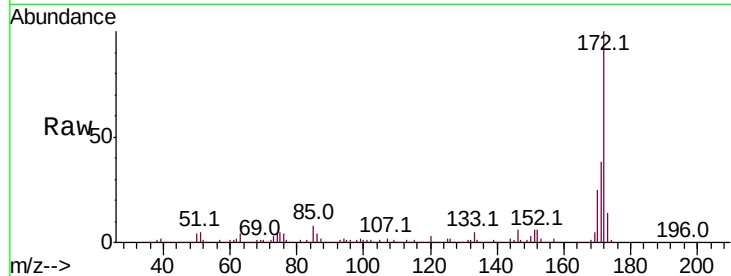
#45
2-Fluorobiphenyl
Concen: 92.847 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	33.0	49.4
170	25.1	22.3	33.5

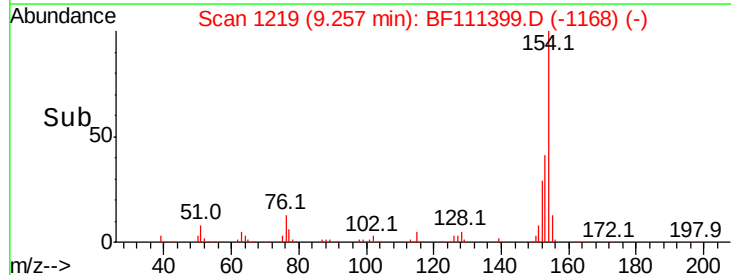
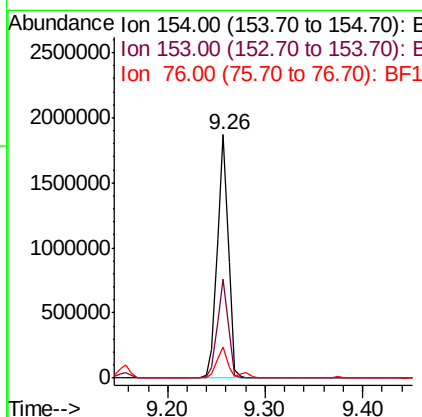
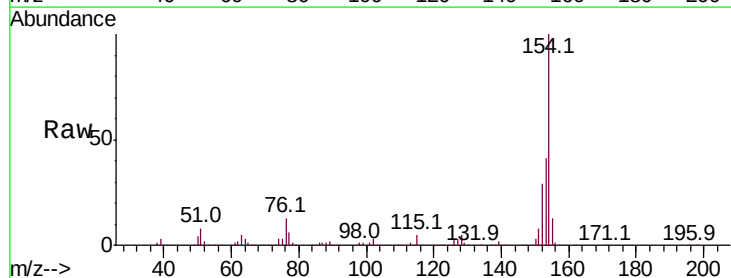
Manual Integrations
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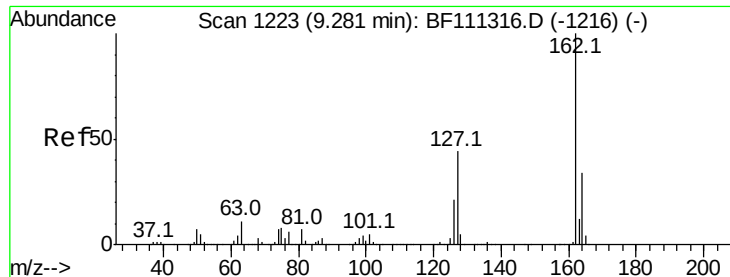
Sohil
12/14/2018 12:54:08 PM



#46
1,1'-Biphenyl
Concen: 42.927 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	23.7	63.7
76	12.7	0.0	35.0





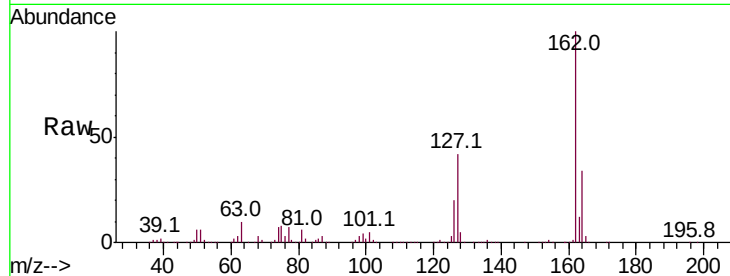
#47
 2-Chloronaphthalene
 Concen: 41.593 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

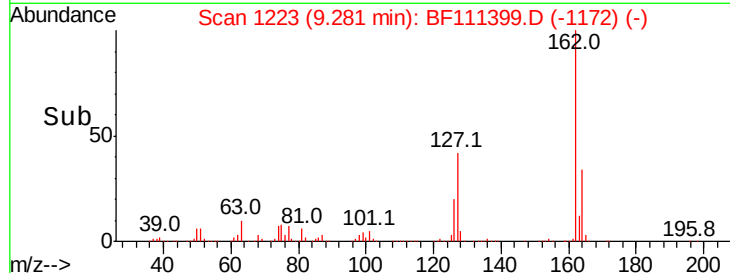
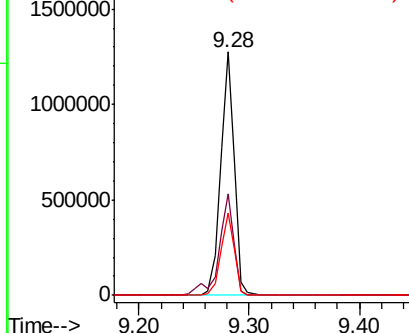
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	35.0	52.4
164	33.6	28.4	42.6

Manual Integrations
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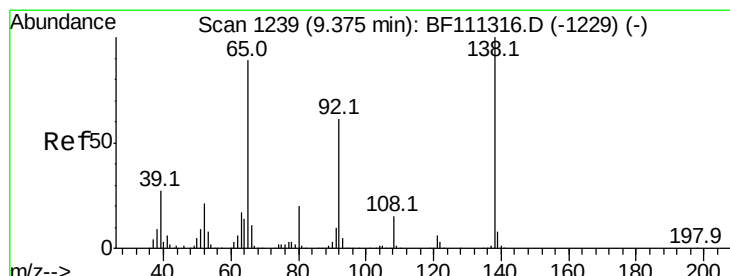


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

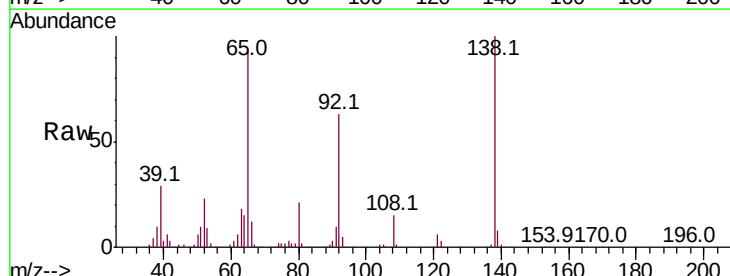
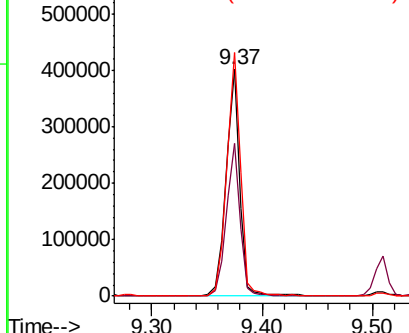


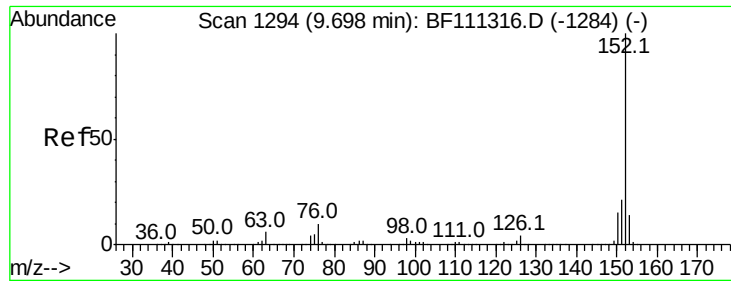
#48
 2-Nitroaniline
 Concen: 41.062 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	53.5	80.3
138	107.3	80.9	121.3



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





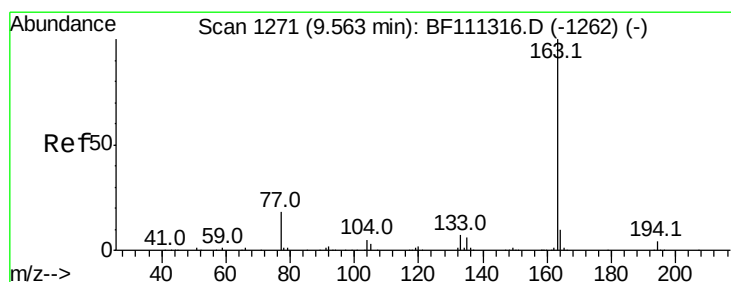
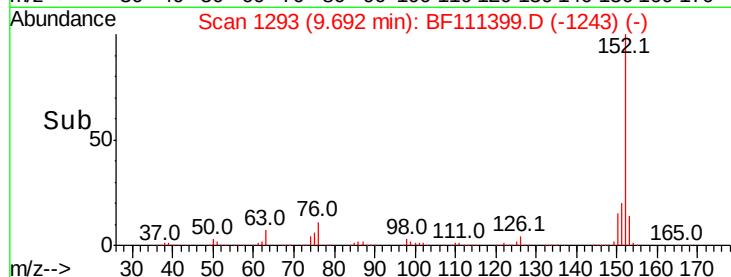
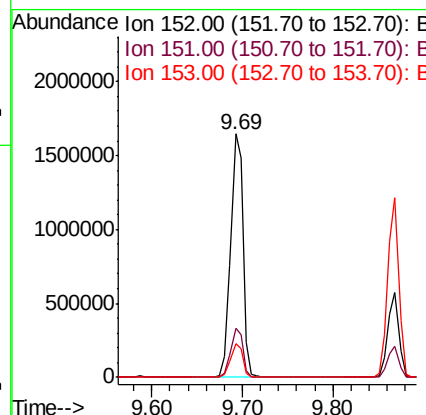
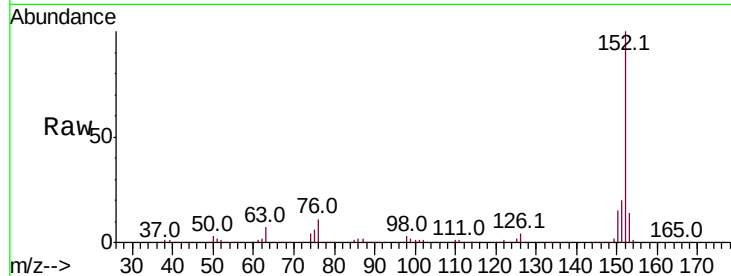
#49
Acenaphthylene
Concen: 39.954 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	18.0	27.0
153	13.7	12.3	18.5

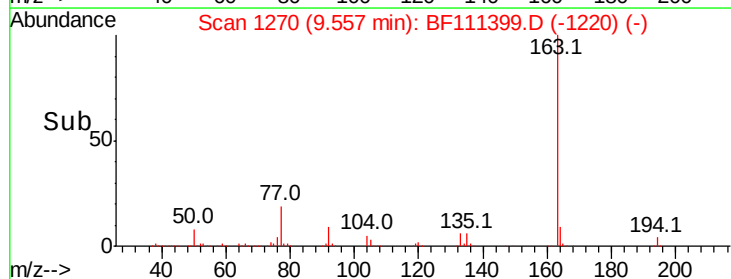
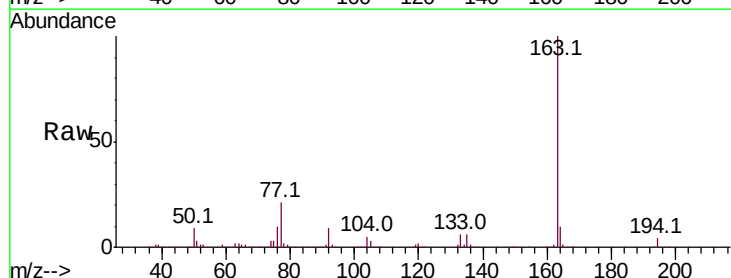
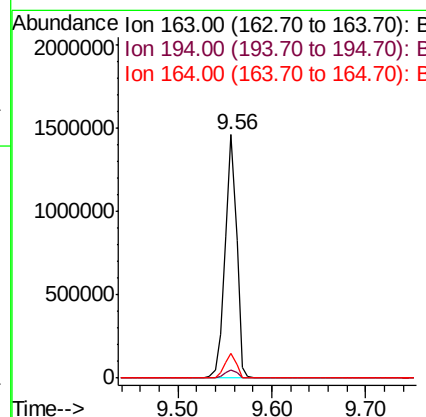
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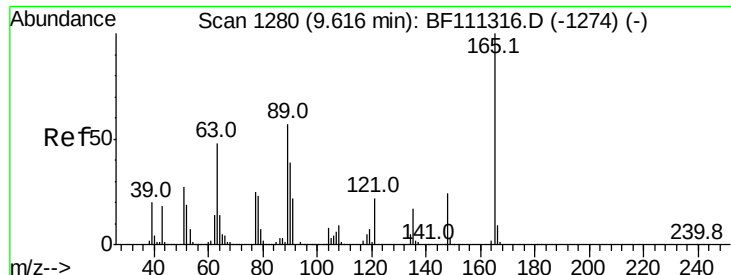
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#50
Dimethylphthalate
Concen: 43.319 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.0	8.9	13.3





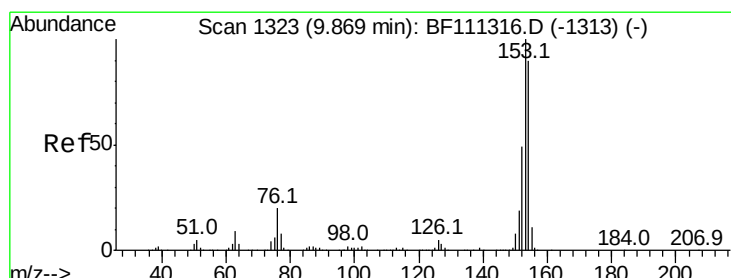
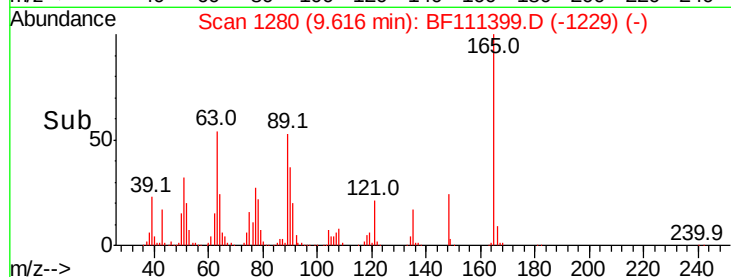
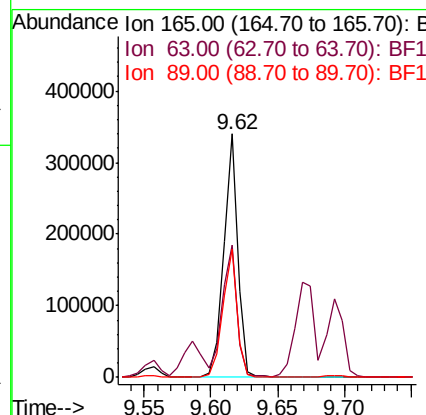
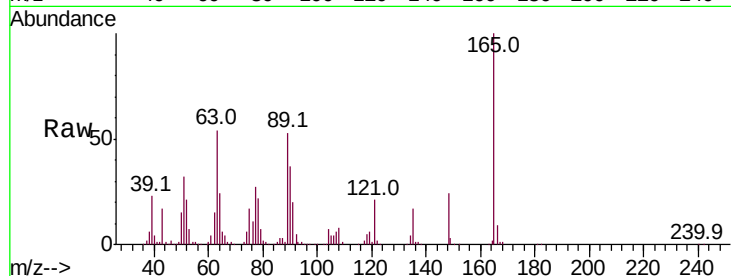
#51
 2,6-Dinitrotoluene
 Concen: 39.850 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	255482		
63	54.3		40.5	60.7
89	52.7		40.0	60.0

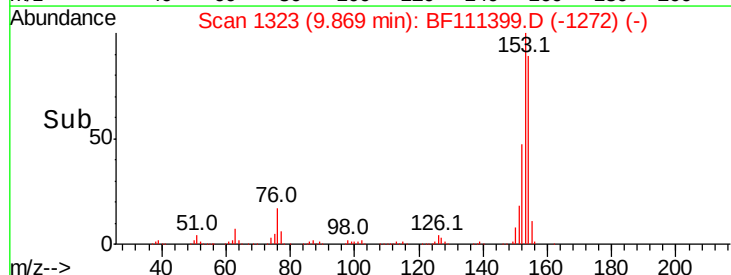
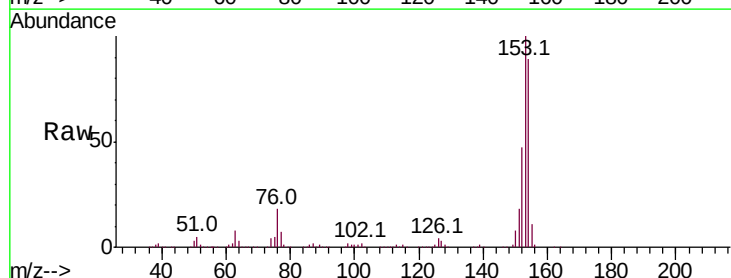
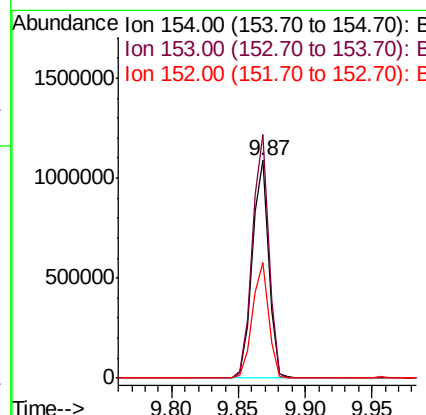
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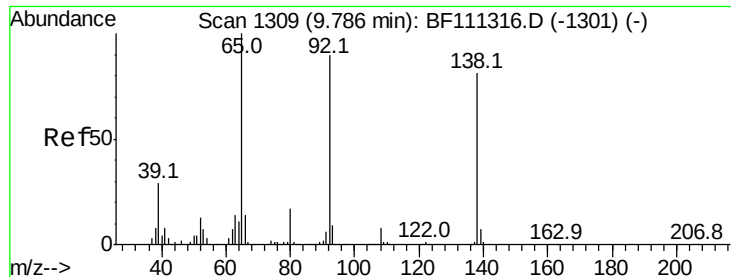
Sohil
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#52
 Acenaphthene
 Concen: 37.681 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	912564		
153	111.8		87.8	131.8
152	53.1		43.4	65.2





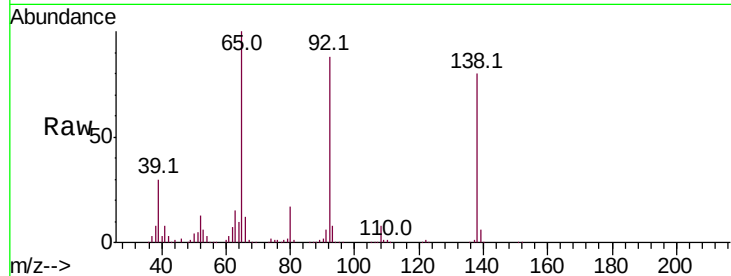
#53
3-Nitroaniline
Concen: 39.615 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.2	12.4
92	110.9	93.4	140.2

Manual Integrations
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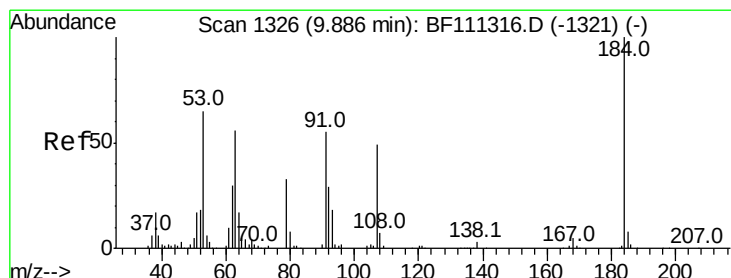
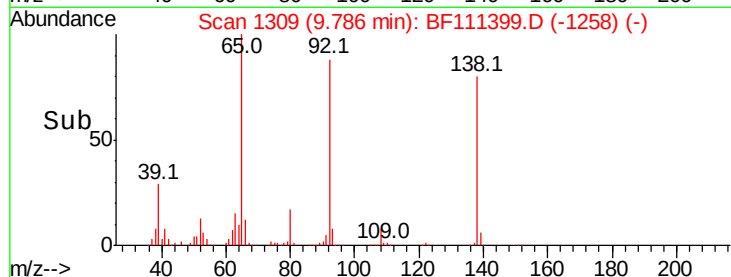
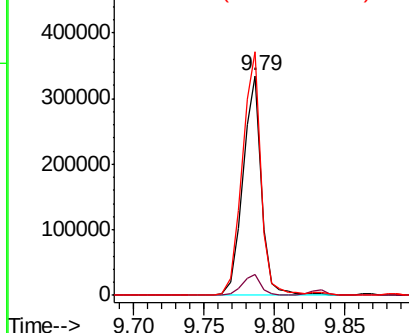


Abundance

Ion 138.00 (137.70 to 138.70): E

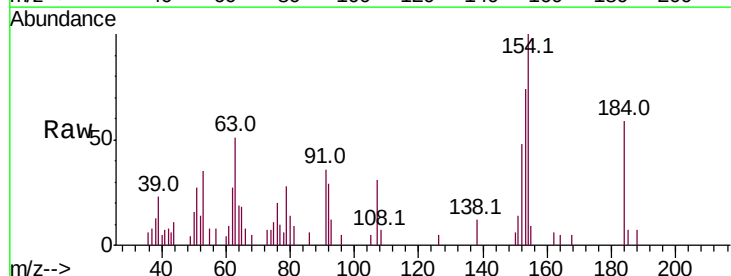
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 1.570 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	85.7	62.3	93.5
154	168.8	56.2	84.2#

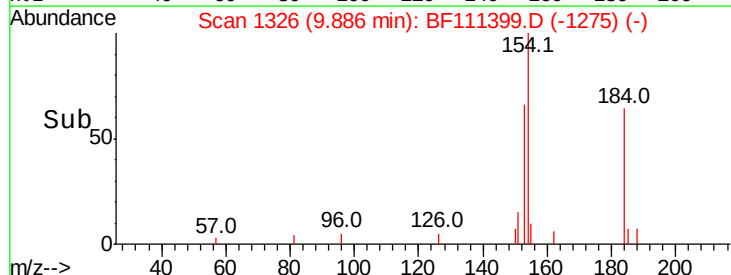
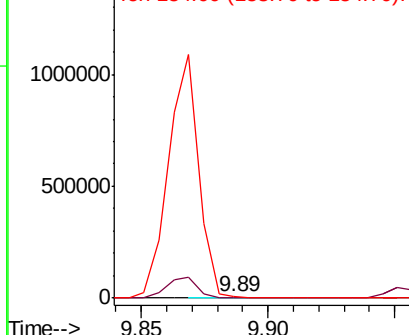


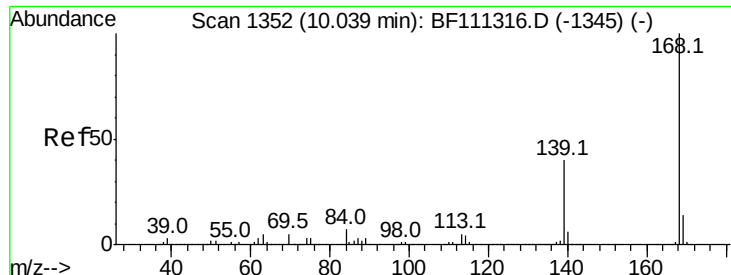
Abundance

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





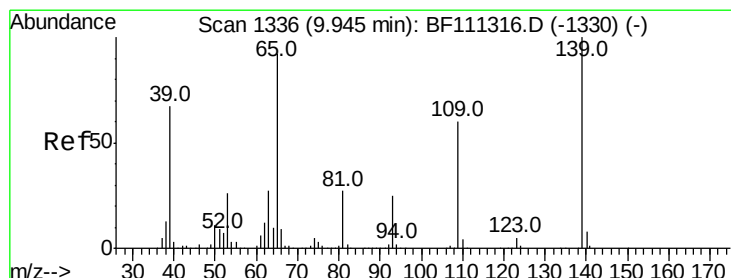
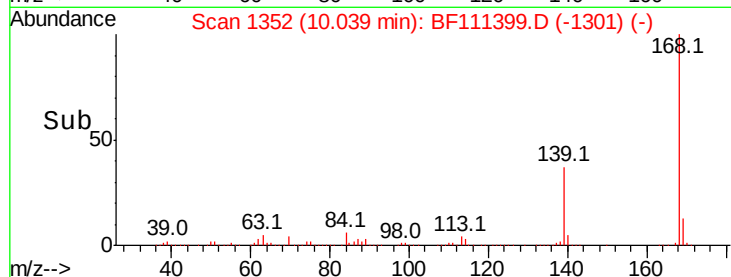
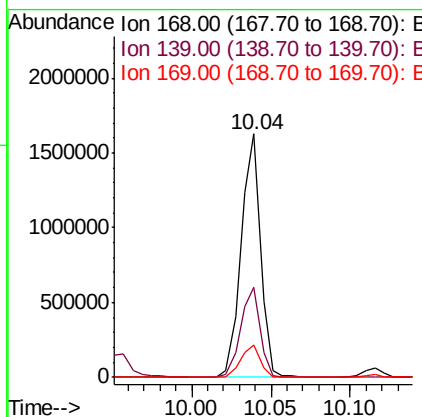
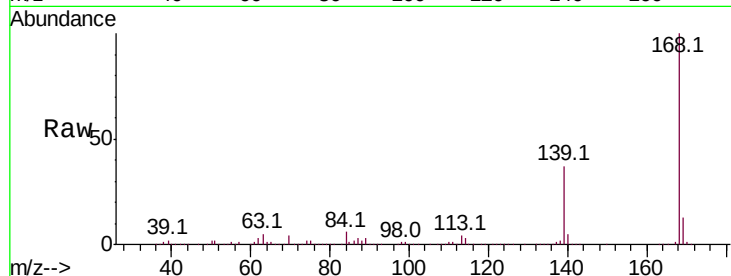
#55
Dibenzofuran
Concen: 39.474 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	32.6	49.0
169	13.3	11.8	17.6

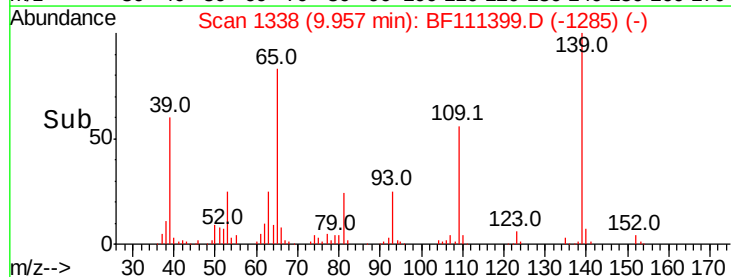
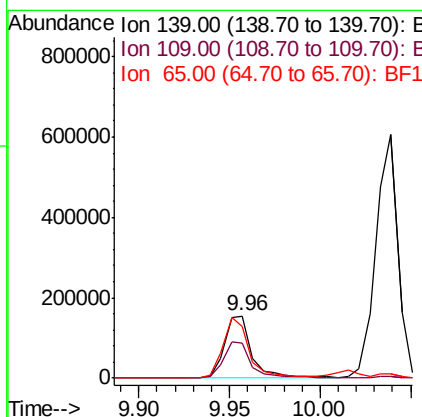
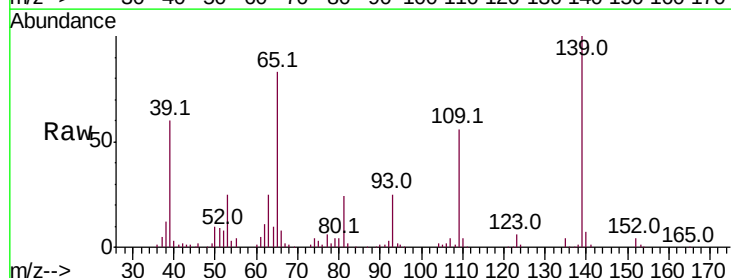
Manual Integrations
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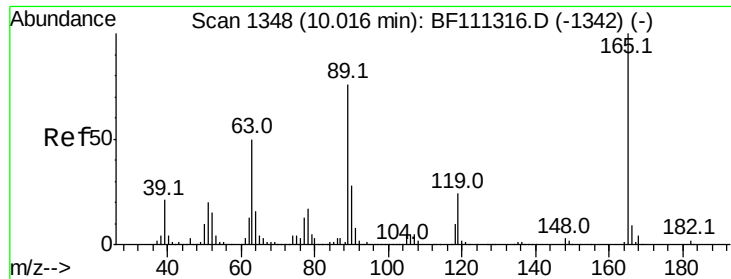
Sohil
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#56
4-Nitrophenol
Concen: 29.523 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
139	100		
109	55.8	41.8	81.8
65	83.3	79.6	119.6





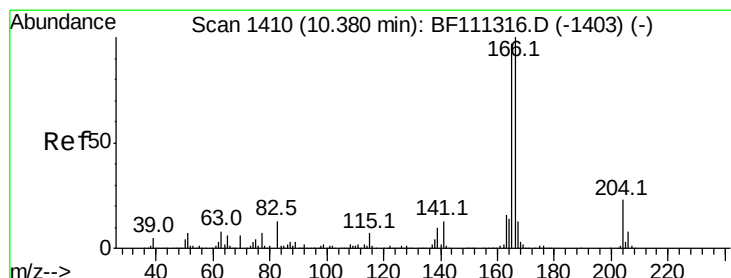
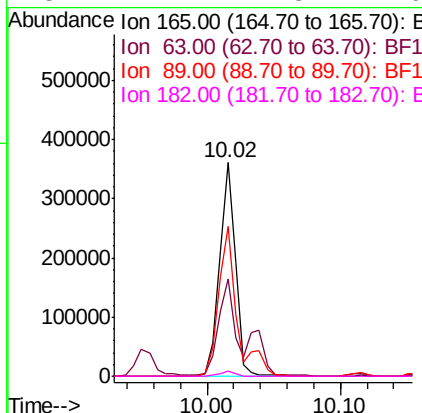
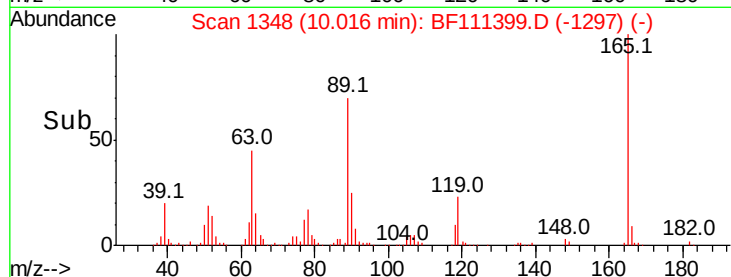
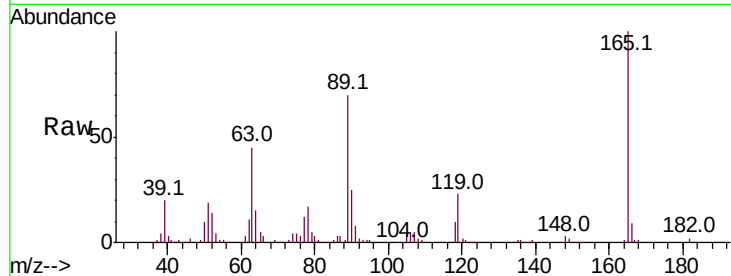
#57
2,4-Dinitrotoluene
Concen: 37.161 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	305336		
63	45.4		34.6	52.0
89	70.3		56.2	84.4
182	2.2		1.8	2.6

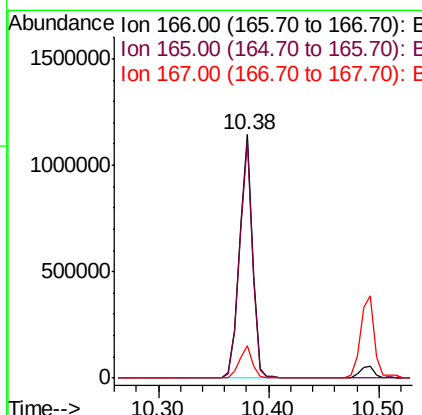
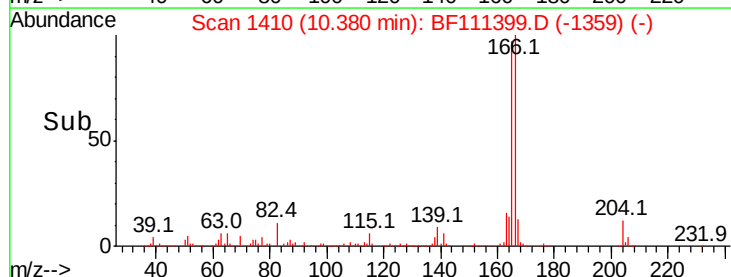
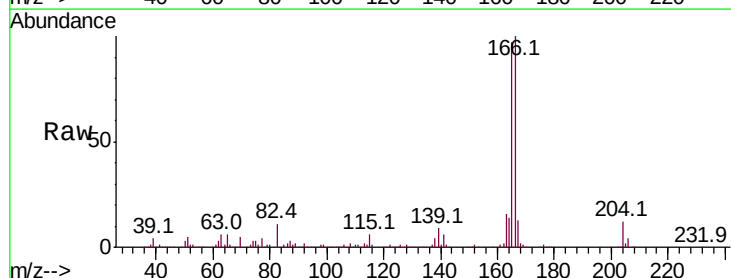
Manual Integrations
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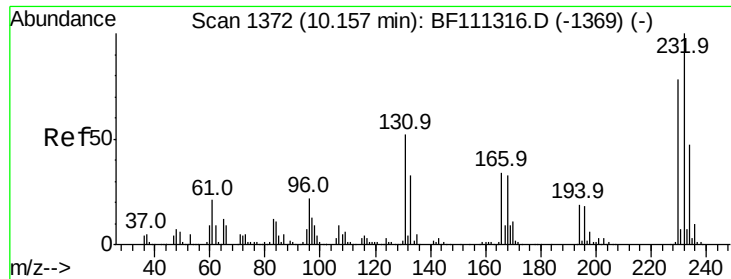
Sohil
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#58
Fluorene
Concen: 37.753 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	944200		
165	97.2		78.4	117.6
167	13.3		11.2	16.8





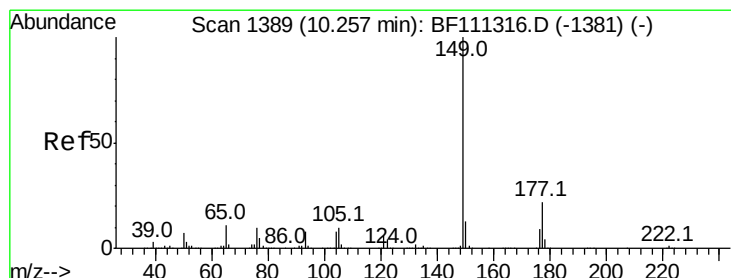
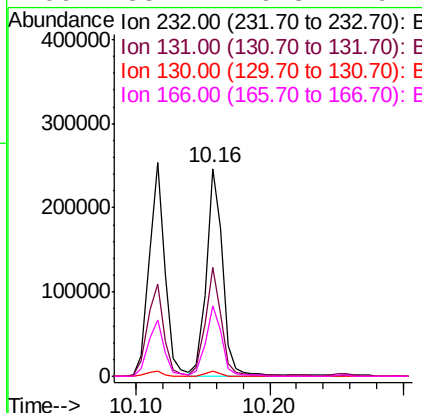
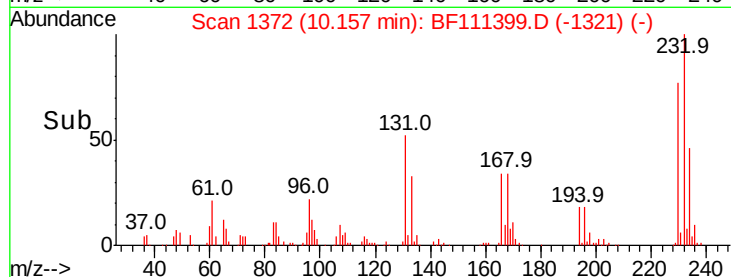
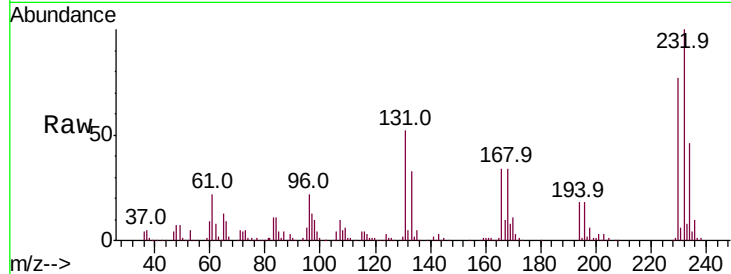
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.914 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	210836
Ion Ratio	Lower	Upper	
232	100		
131	50.2	40.9	61.3
130	2.3	2.0	3.0
166	33.1	26.8	40.2

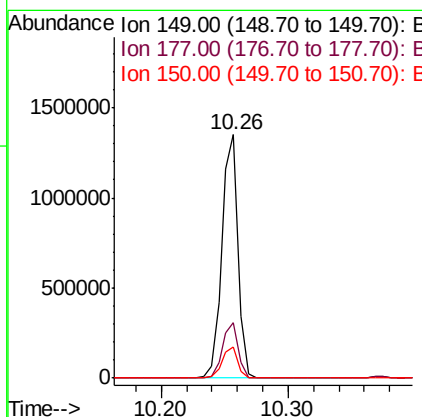
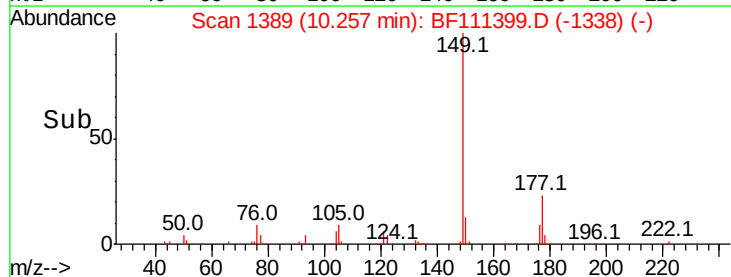
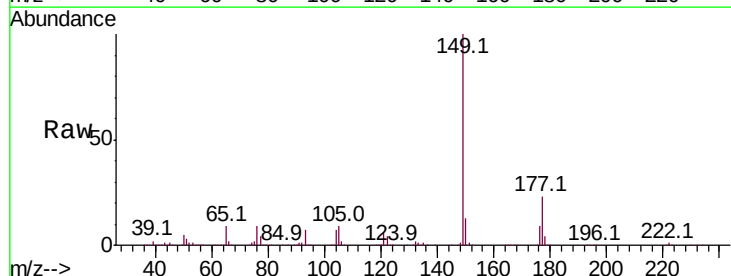
Manual Integrations
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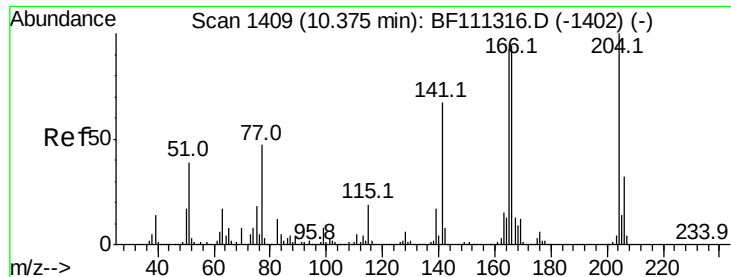
Sohil
 12/14/2018 12:54:08 PM



#60
 Diethylphthalate
 Concen: 41.077 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Tgt Ion:	149	Resp:	1196070
Ion Ratio	Lower	Upper	
149	100		
177	22.7	18.3	27.5
150	12.7	10.6	15.8





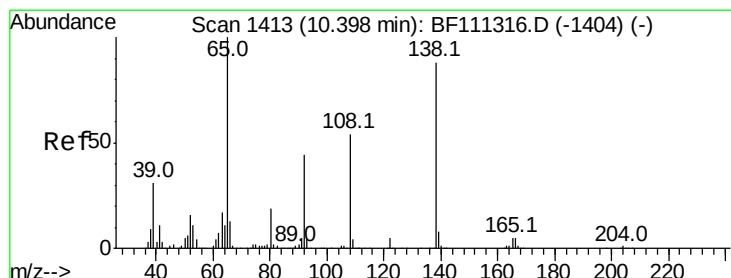
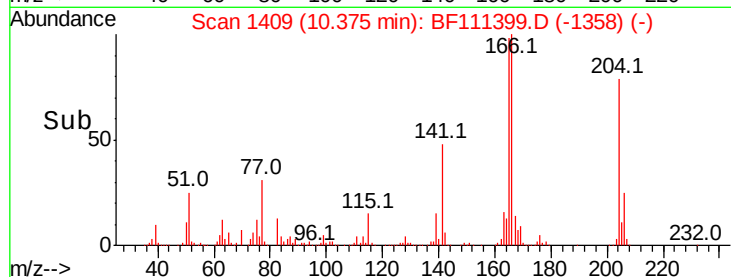
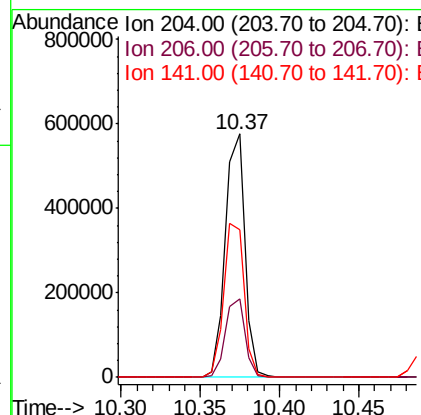
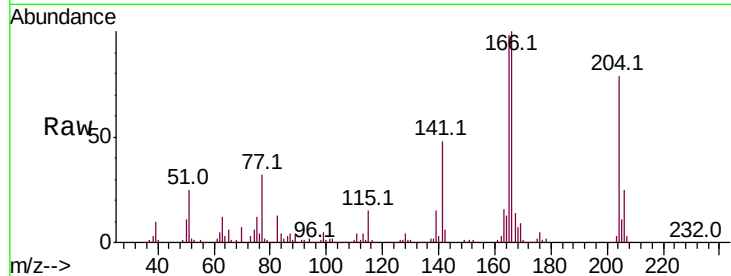
#61
 4-Chlorophenyl-phenylether
 Concen: 39.974 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	495627
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.6	39.8
141	60.8	52.6	78.8

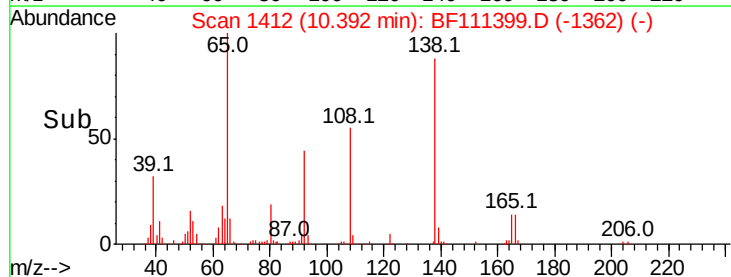
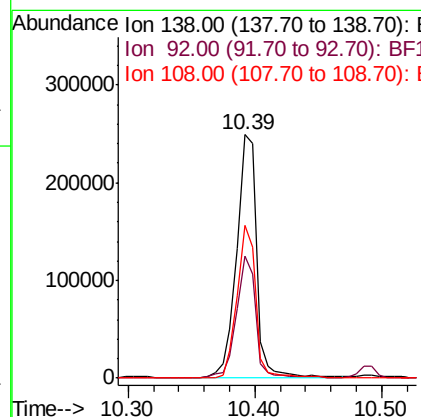
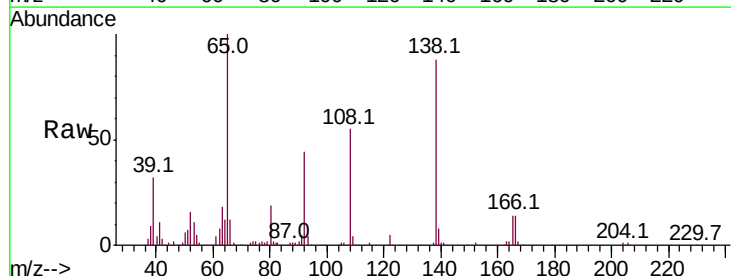
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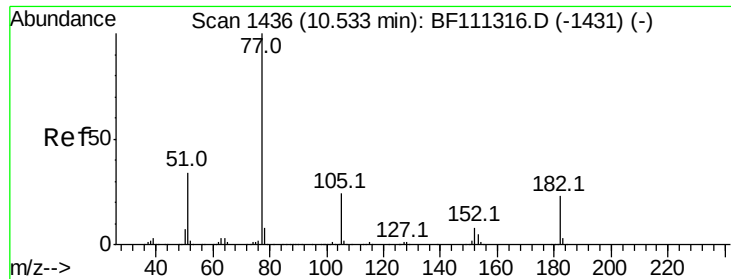
Sohil
 12/14/2018 12:54:08 PM



#62
 4-Nitroaniline
 Concen: 36.427 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Tgt Ion:	138	Resp:	269809
Ion Ratio	Lower	Upper	
138	100		
92	50.1	29.9	69.9
108	62.9	43.2	83.2





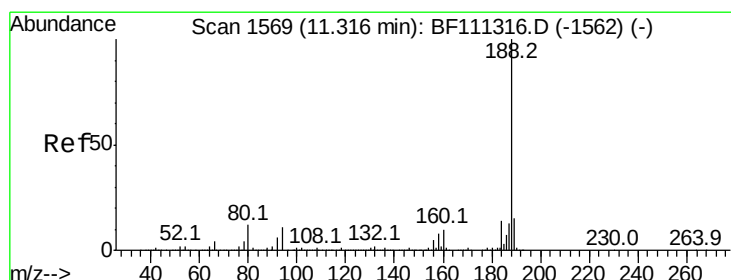
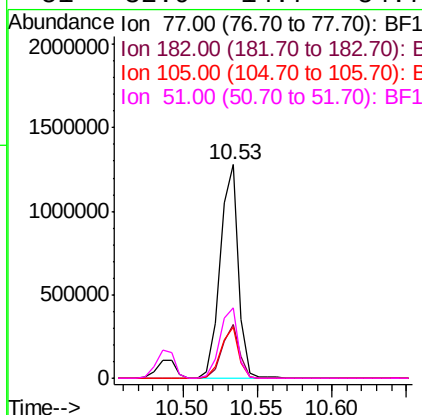
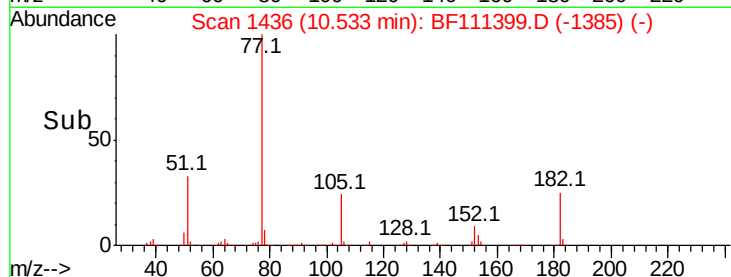
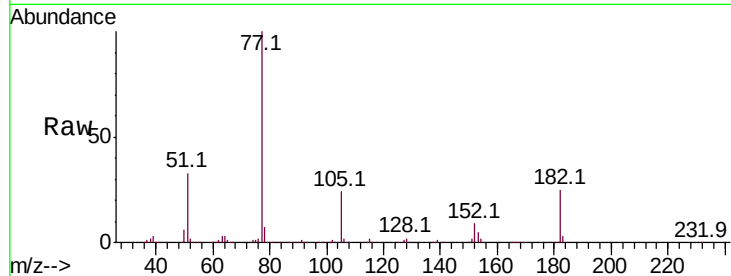
#63
Azobenzene
Concen: 37.248 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.4	4.9	44.9
105	23.8	6.0	46.0
51	32.9	14.7	54.7

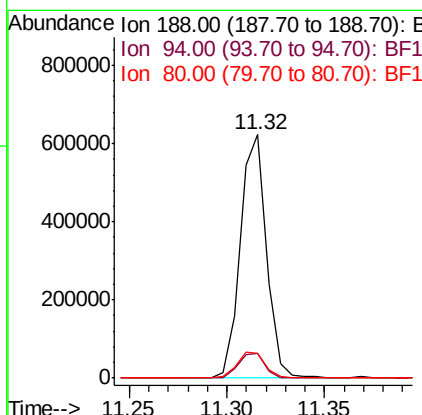
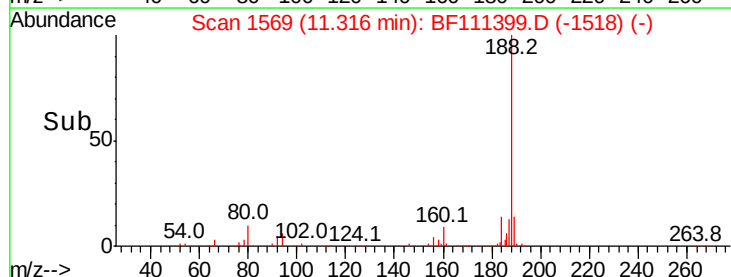
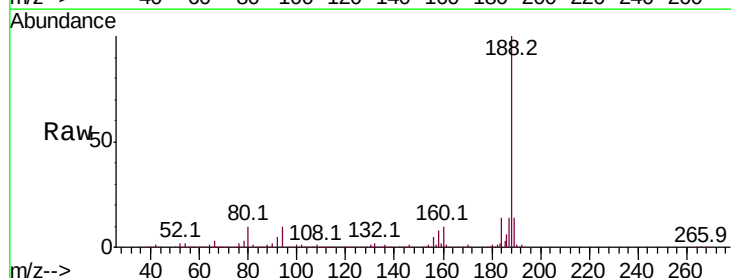
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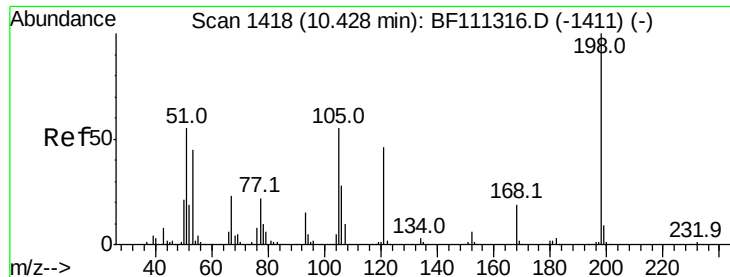
Sohil
12/14/2018 12:54:08 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.6	14.4
80	10.0	9.8	14.6





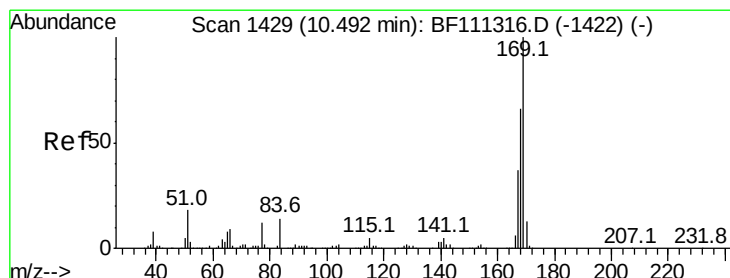
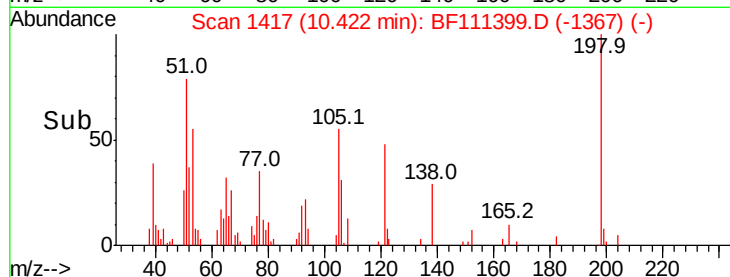
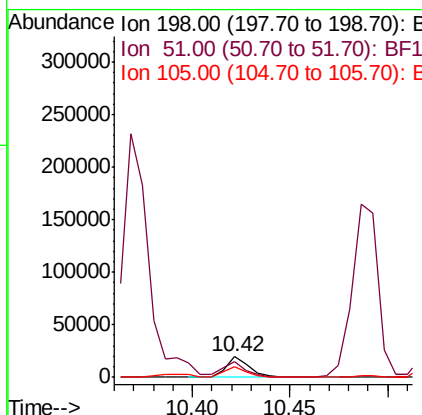
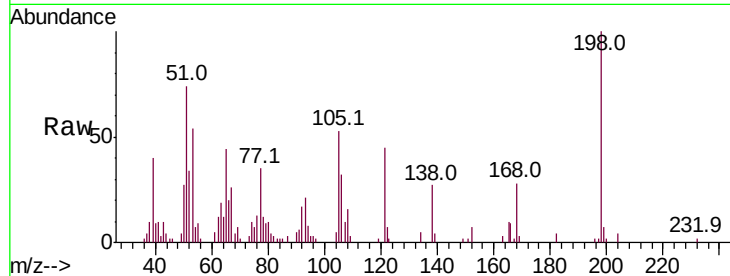
#65
4,6-Dinitro-2-methylphenol
Concen: 4.986 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	16565		
51	73.7	48.0	88.0	
105	52.6	34.0	74.0	

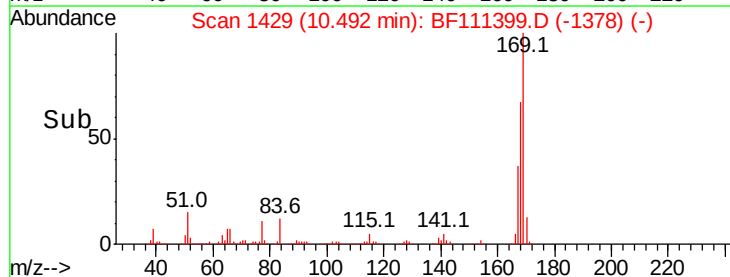
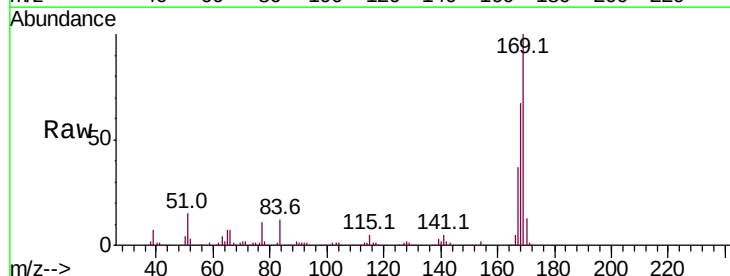
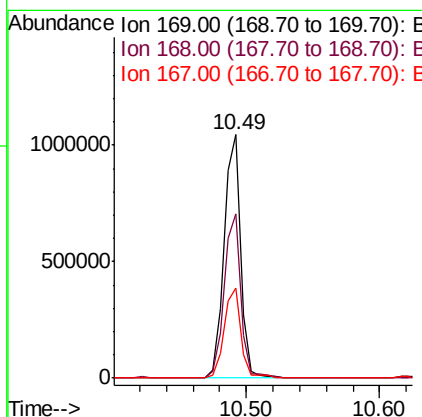
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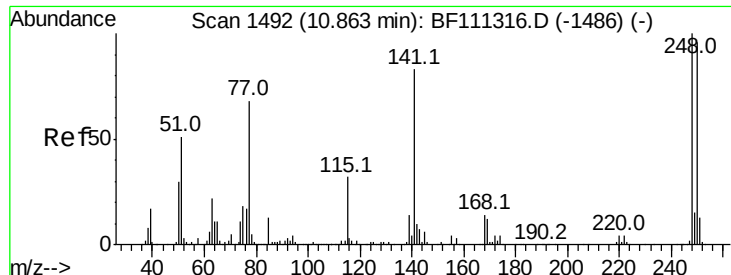
Sohil
12/14/2018 12:54:08 PM



#66
n-Nitrosodiphenylamine
Concen: 44.785 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	921819		
168	67.3	54.4	81.6	
167	36.9	30.5	45.7	





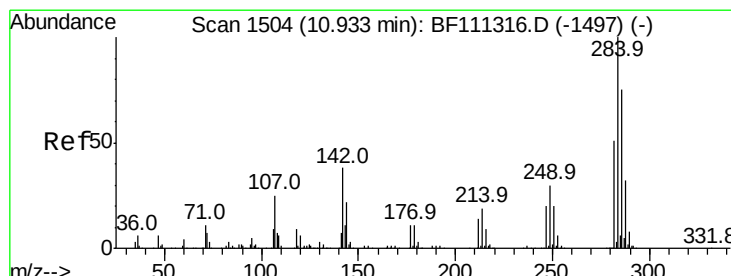
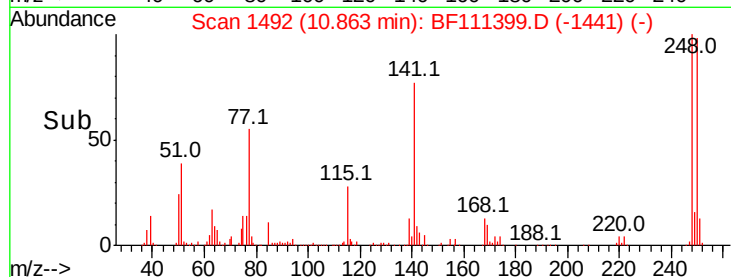
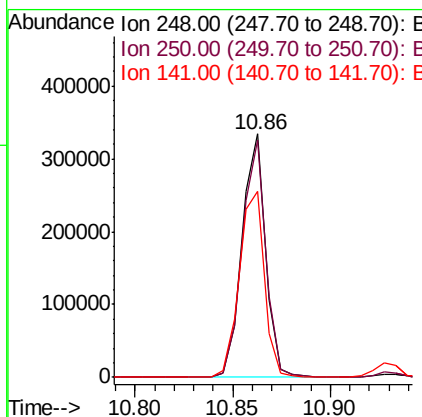
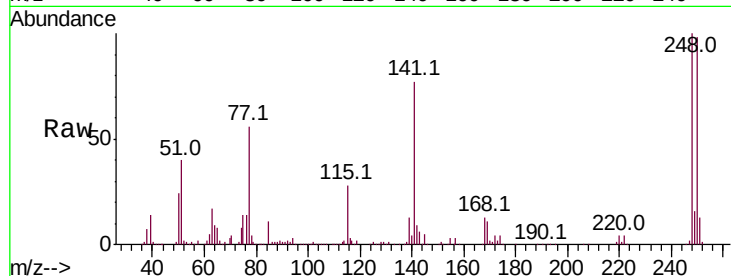
#67
4-Bromophenyl-phenylether
Concen: 43.498 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.0	115.4
141	76.7	63.0	94.6

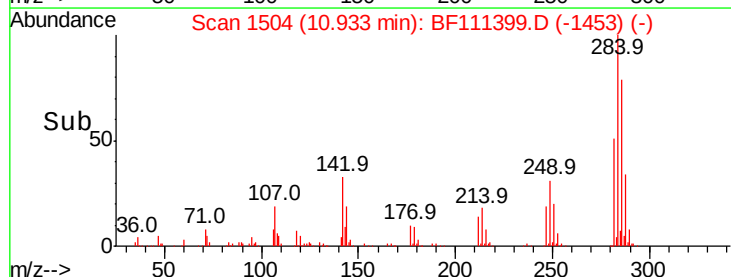
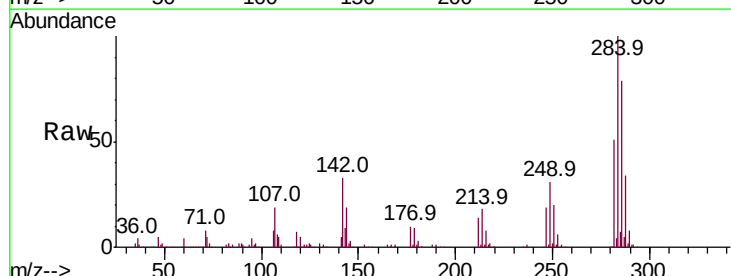
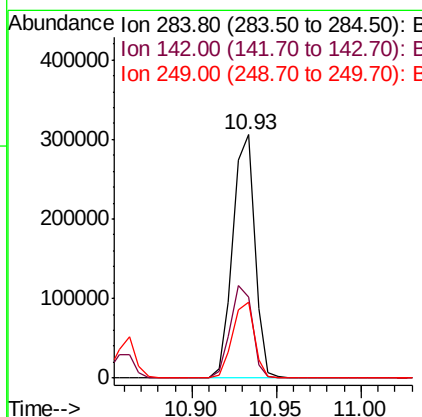
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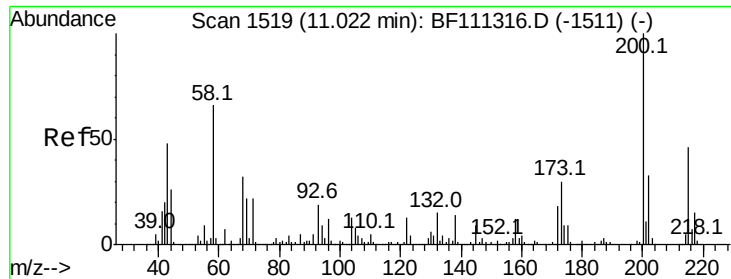
Sohil
12/14/2018 12:54:08 PM



#68
Hexachlorobenzene
Concen: 41.796 ng
RT: 10.93 min Scan# 1504
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.1	27.4	41.2
249	31.4	24.4	36.6





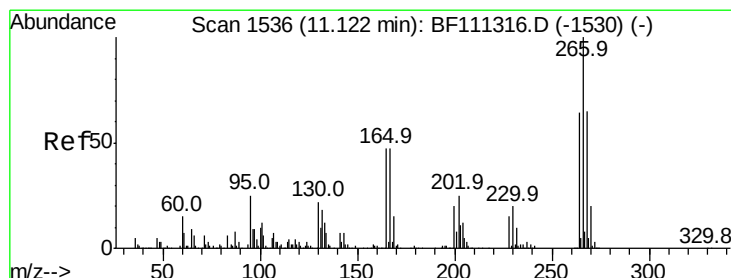
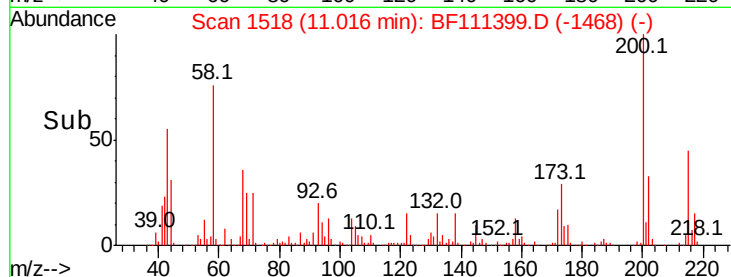
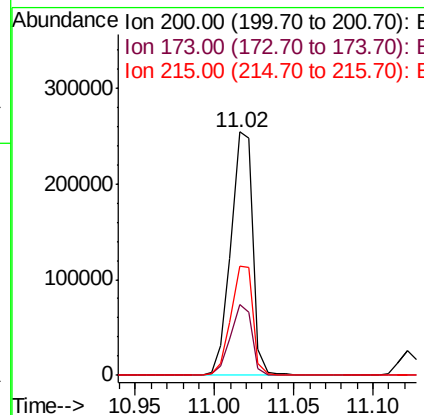
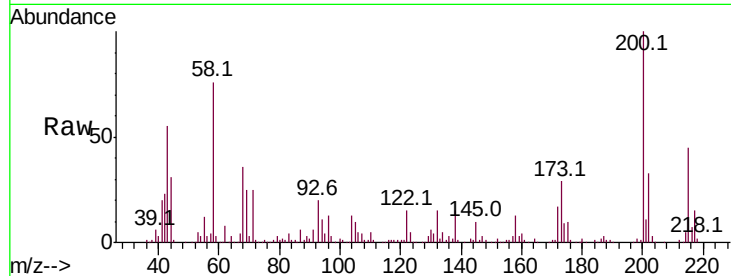
#69
Atrazine
Concen: 41.240 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.2	10.1	50.1
215	45.1	26.9	66.9

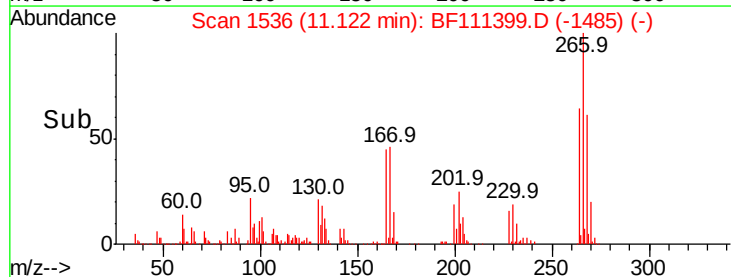
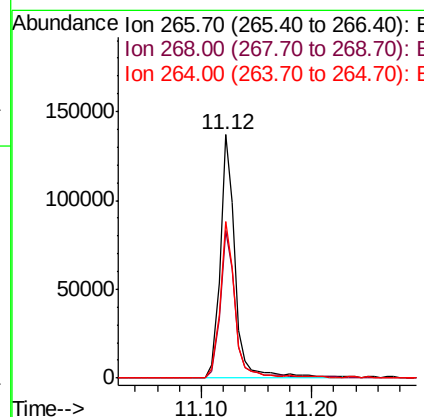
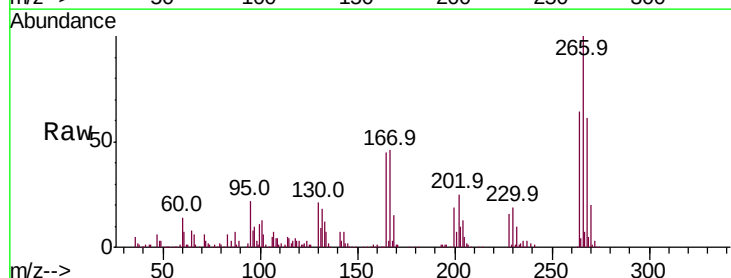
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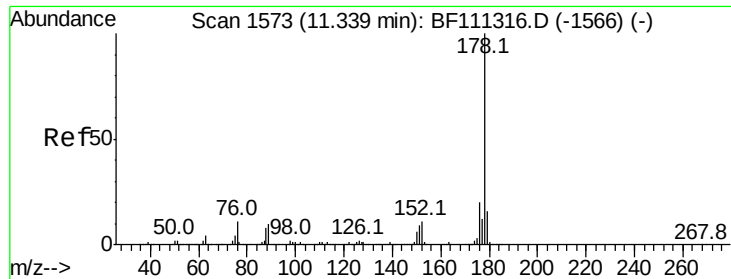
Sohil
12/14/2018 12:54:08 PM



#70
Pentachlorophenol
Concen: 29.055 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.6	47.9	71.9
264	64.4	49.1	73.7





#71

Phenanthrene

Concen: 41.319 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:178 Resp: 1235777

Ion Ratio Lower Upper

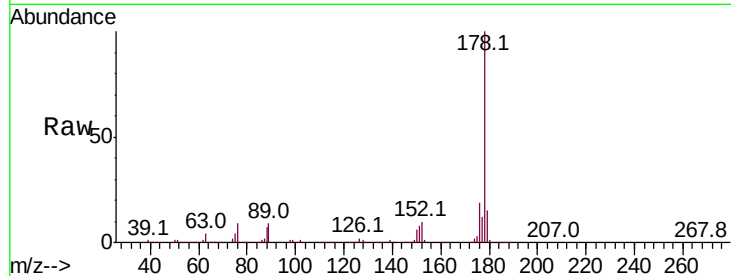
178 100

176 19.3 18.1 27.1

179 15.5 14.0 21.0

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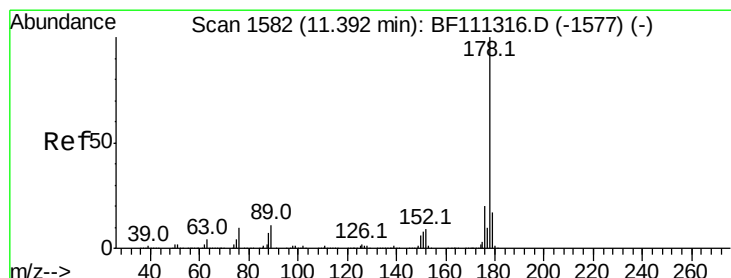
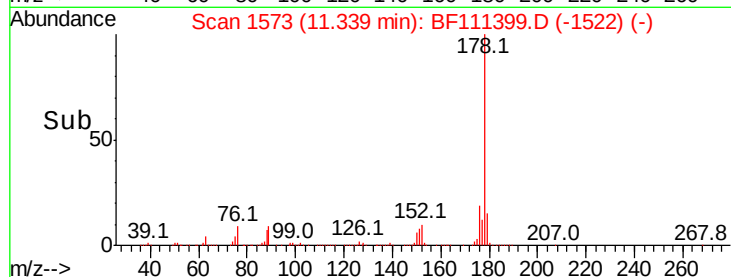
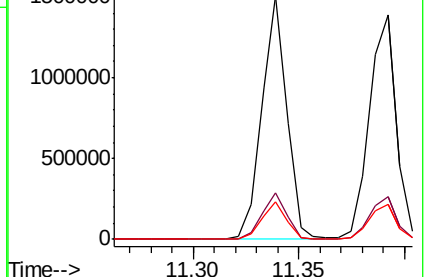
Sohil
12/14/2018 12:54:08 PM



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: 41.120 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Tgt Ion:178 Resp: 1252259

Ion Ratio Lower Upper

178 100

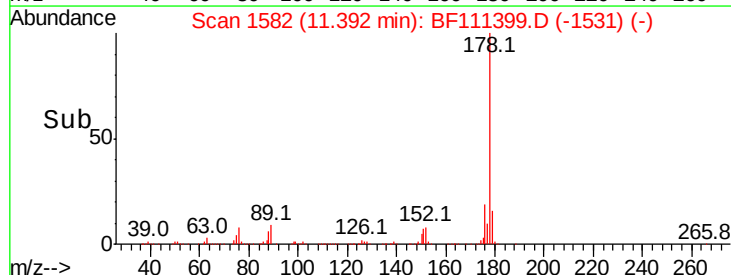
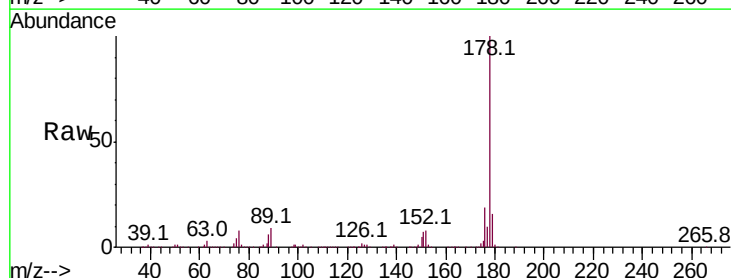
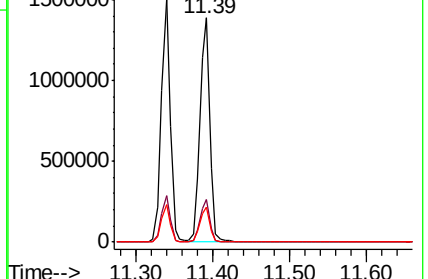
176 19.0 17.2 25.8

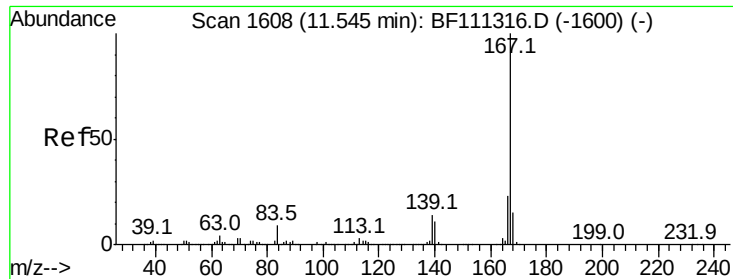
179 15.8 13.8 20.8

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





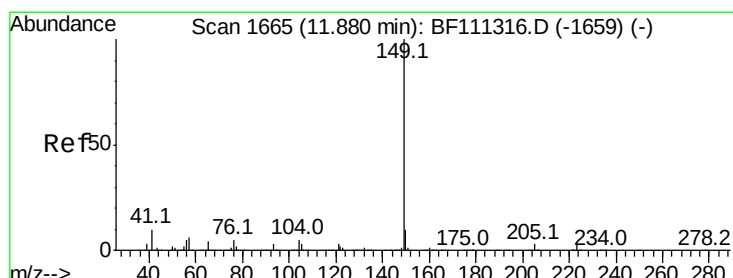
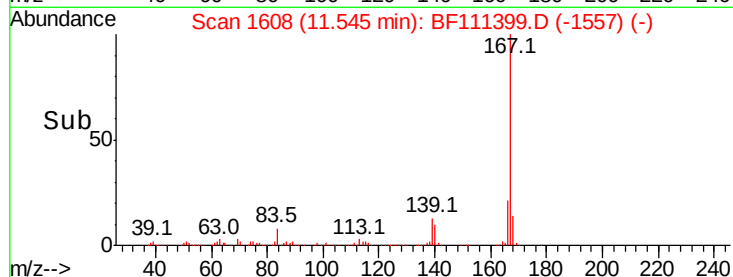
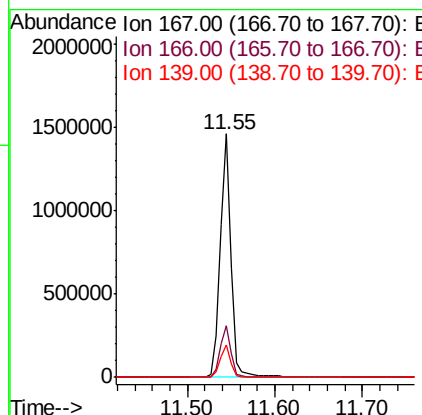
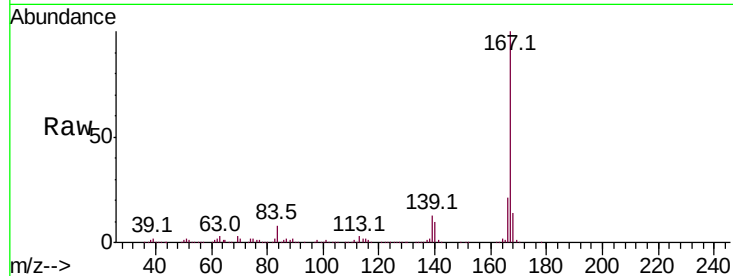
#73
 Carbazole
 Concen: 39.559 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	19.3	28.9
139	13.4	11.9	17.9

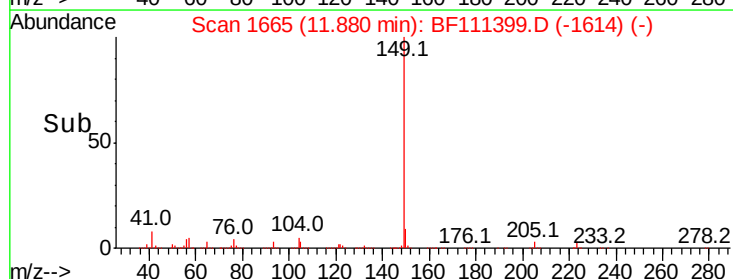
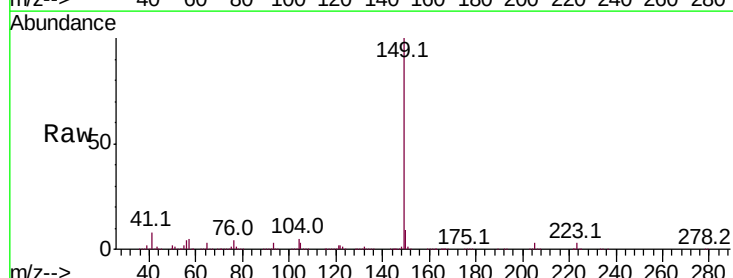
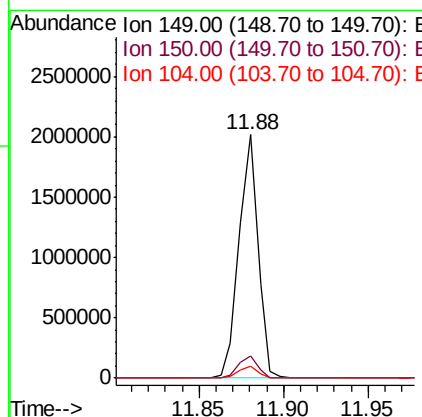
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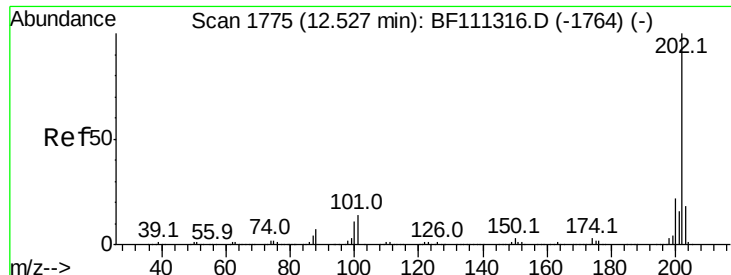
Sohil
 12/14/2018 12:54:08 PM



#74
 Di-n-butylphthalate
 Concen: 44.141 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.8	13.2
104	4.8	4.5	6.7





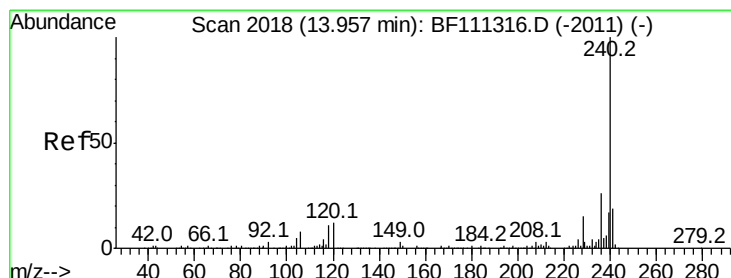
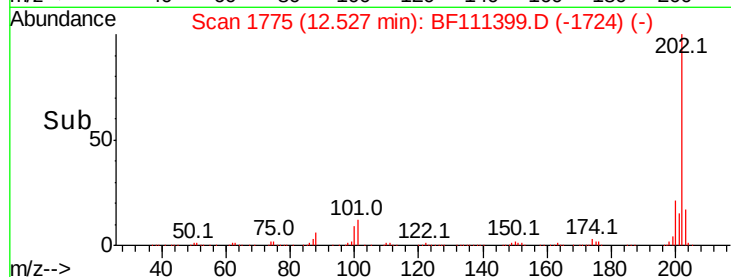
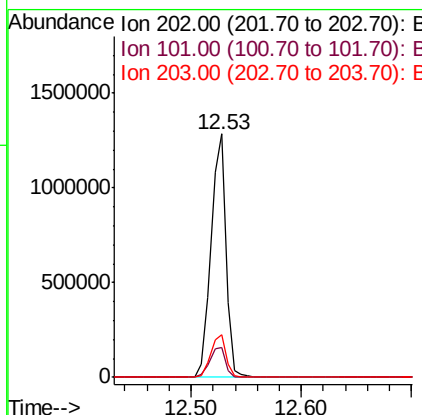
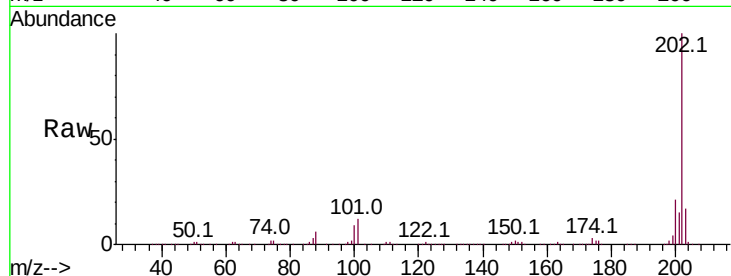
#75
 Fluoranthene
 Concen: 40.480 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1181901		
101	12.0	0.0	33.8	
203	17.4	0.0	38.6	

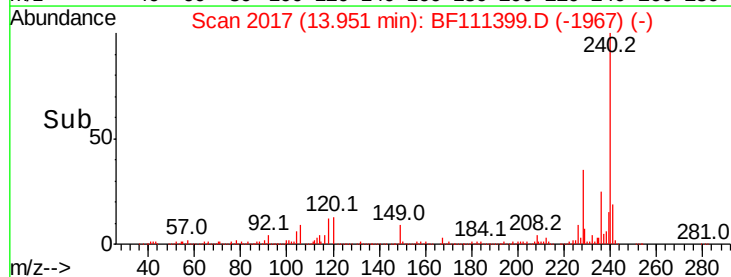
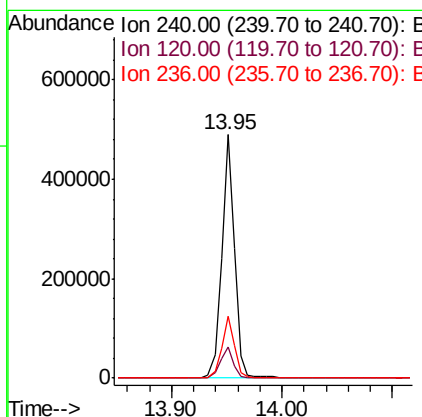
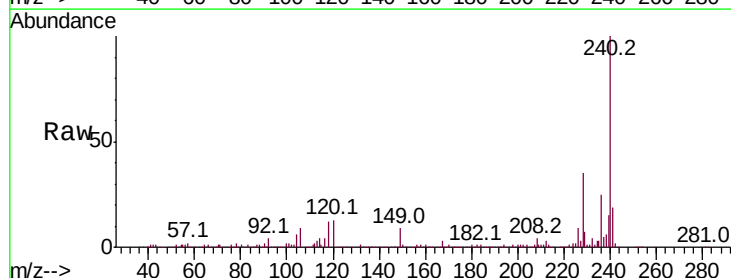
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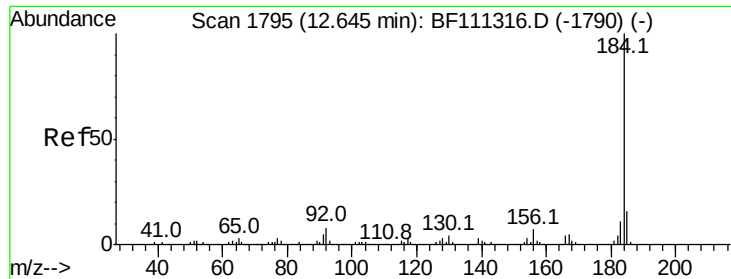
Sohil
 12/14/2018 12:54:08 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111399.D
 Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	394483		
120	12.8	12.2	18.2	
236	25.3	20.2	30.2	





#77

Benzidine

Concen: 70.542 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Instrument :

BNA_F

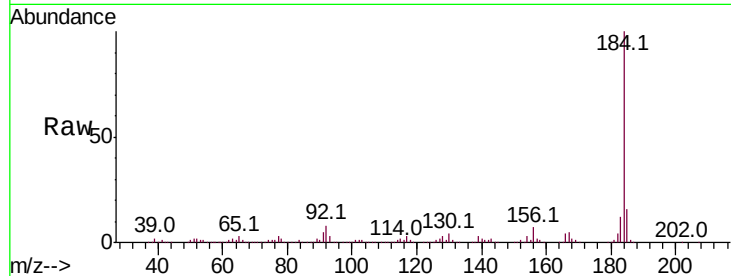
ClientSampleId :

SSTDCCC040

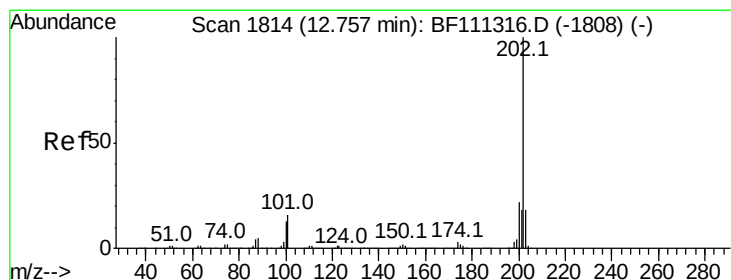
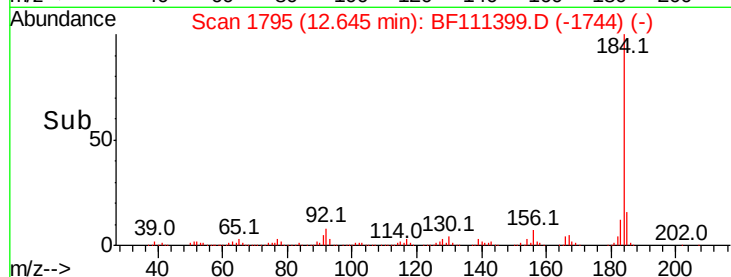
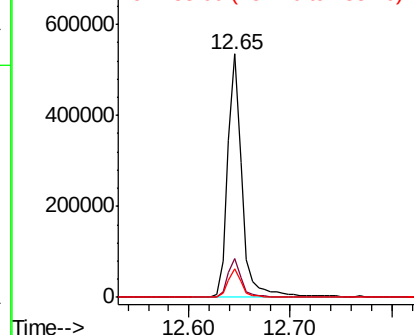
Tot Ion:	184	Resp:	525154
Ion Ratio	Lower	Upper	
184	100		
185	16.0	13.0	19.6
183	11.6	9.3	13.9

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



#78

Pyrene

Concen: 39.686 ng

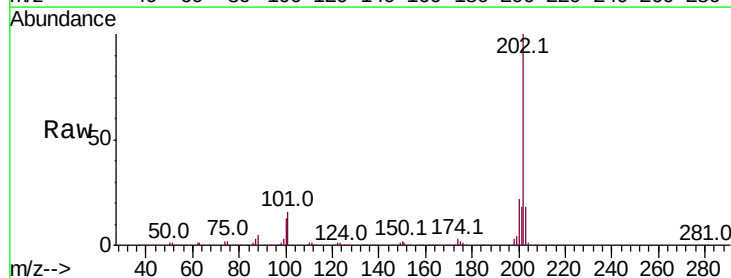
RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

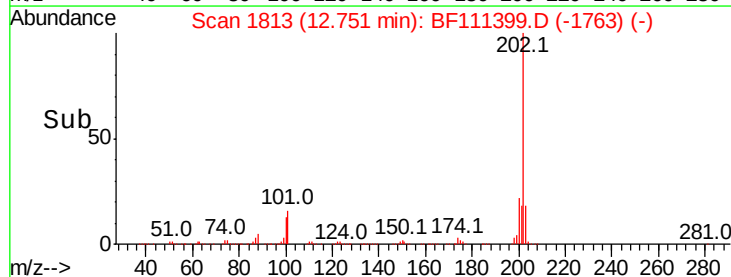
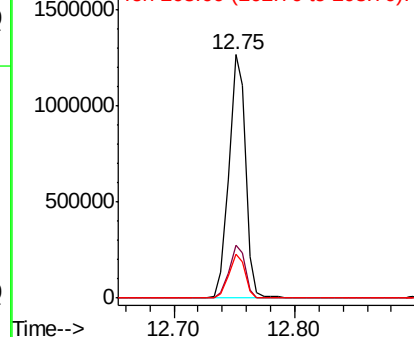
Lab File: BF111399.D

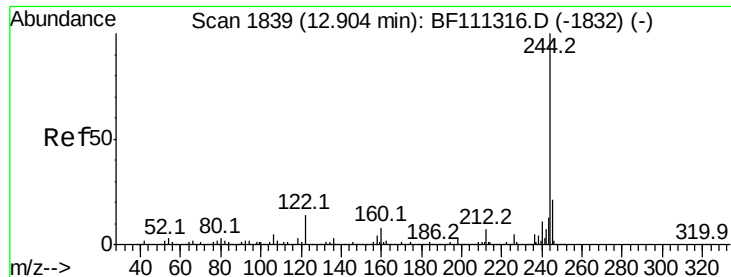
Acq: 14 Dec 2018 5:45

Tgt Ion:	202	Resp:	1208244
Ion Ratio	Lower	Upper	
202	100		
200	21.7	19.0	28.4
203	17.9	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: 85.854 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1538802

Ion Ratio Lower Upper

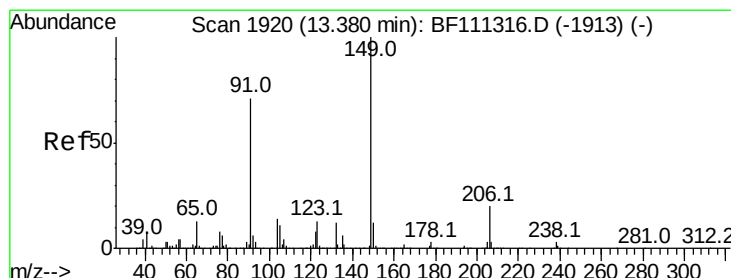
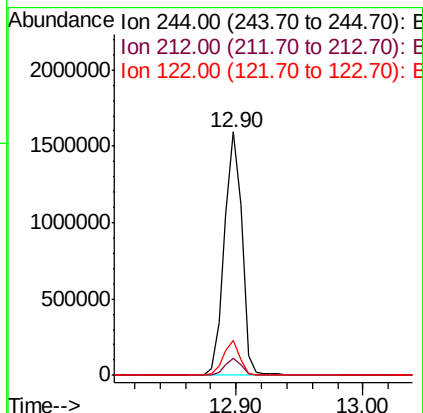
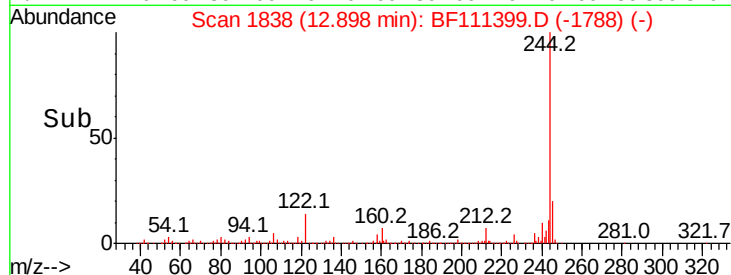
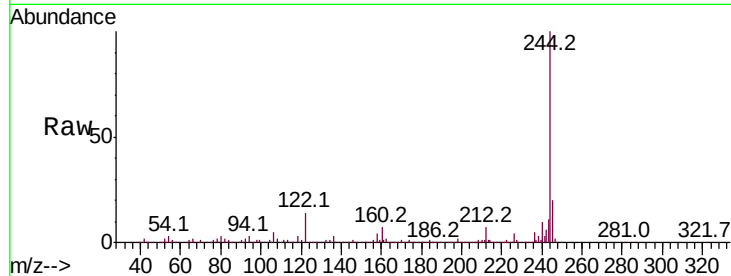
244 100

212 6.8 5.7 8.5

122 14.3 13.1 19.7

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#80

Butylbenzylphthalate

Concen: 41.948 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

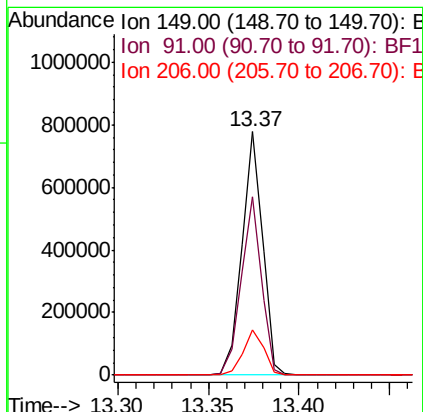
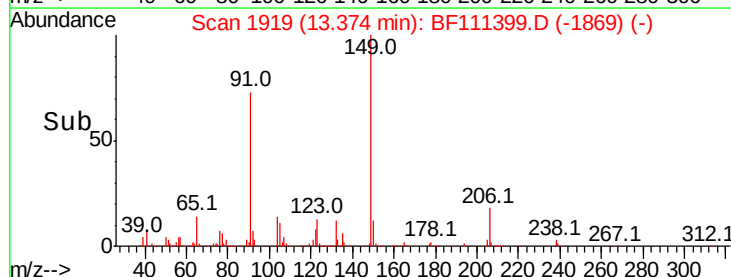
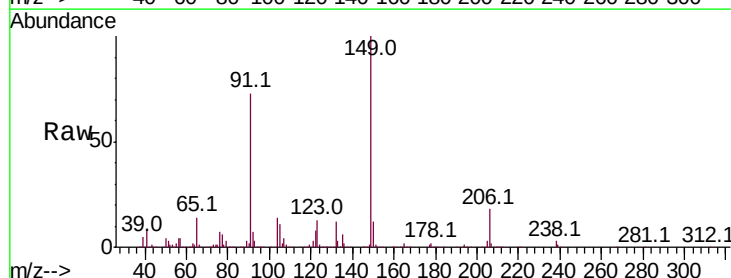
Tgt Ion:149 Resp: 613185

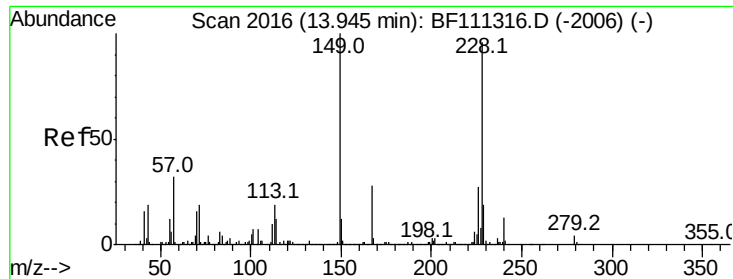
Ion Ratio Lower Upper

149 100

91 73.1 63.8 95.6

206 18.3 15.1 22.7





#81

Benzo(a)anthracene

Concen: 38.896 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Instrument :

BNA_F

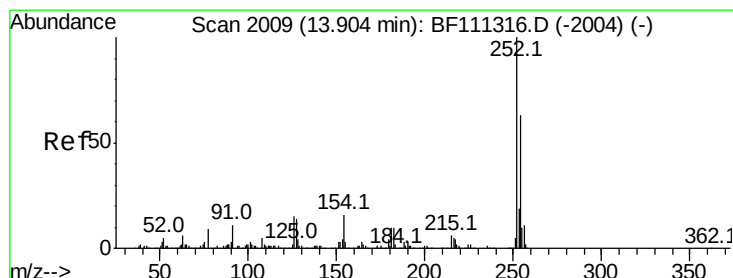
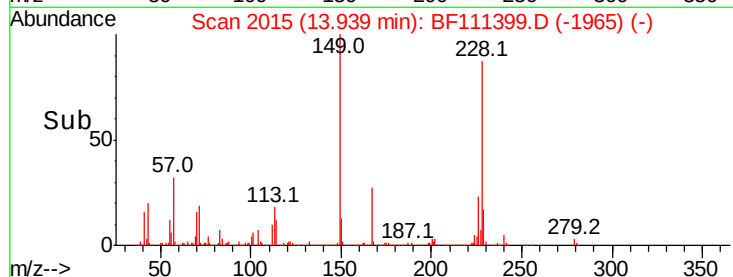
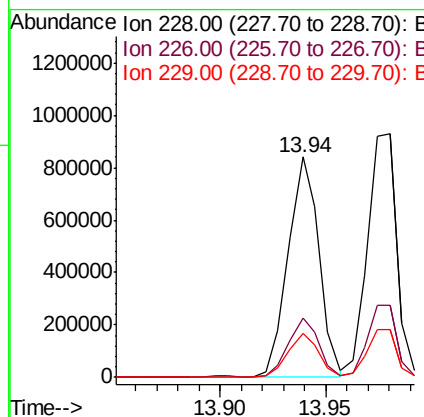
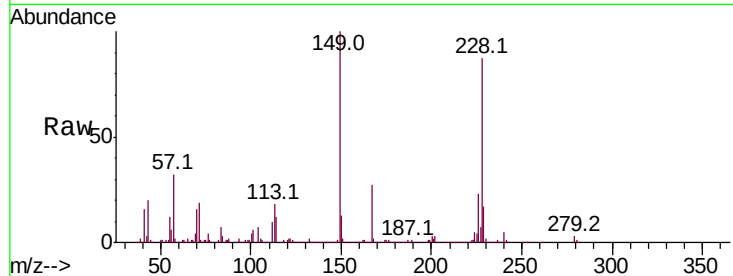
ClientSampleId :

SSTDCCC040

Tot Ion:	228	Resp:	858509
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.6	34.0
229	19.8	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 40.825 ng

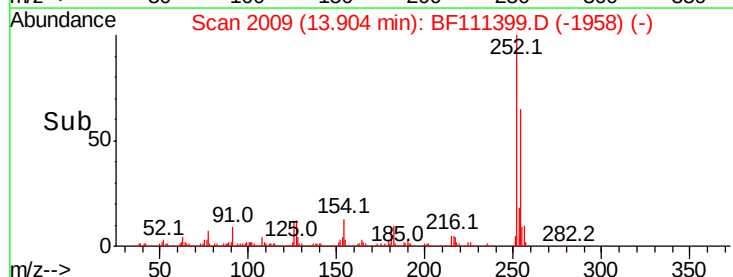
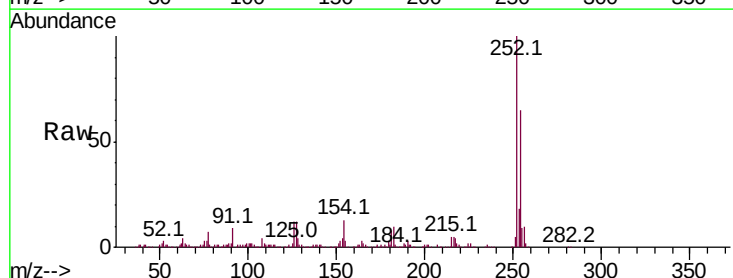
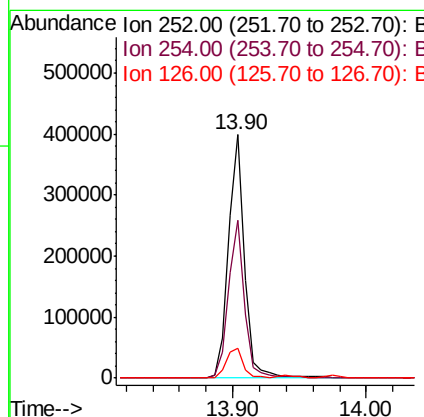
RT: 13.90 min Scan# 2009

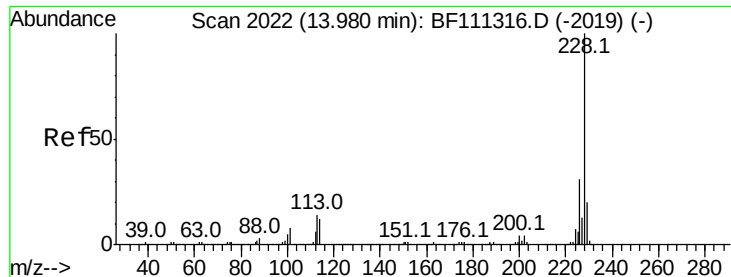
Delta R.T. -0.00 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Tgt Ion:	252	Resp:	340790
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.7	79.1
126	12.3	11.1	16.7





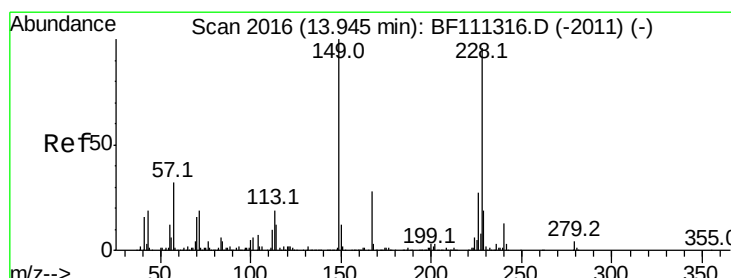
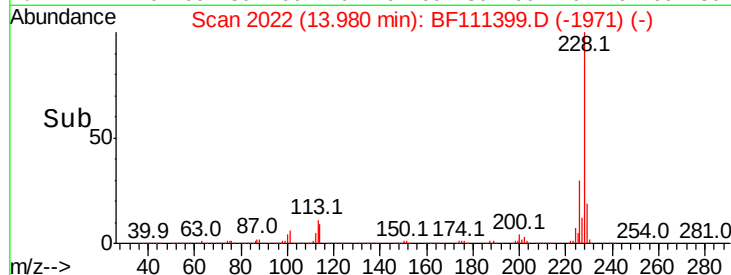
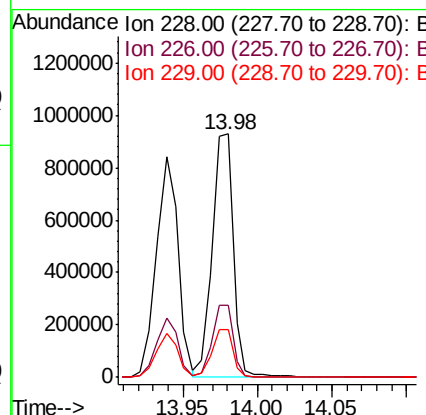
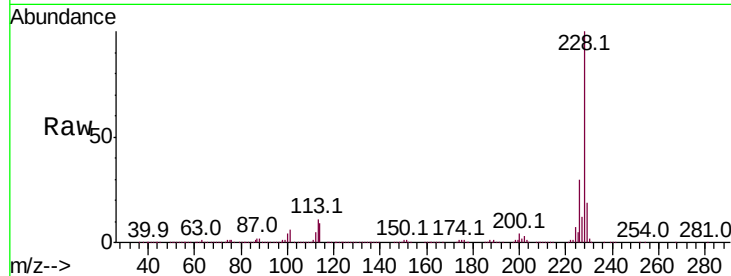
#83
Chrysene
Concen: 40.237 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.3	37.9
229	19.4	17.2	25.8

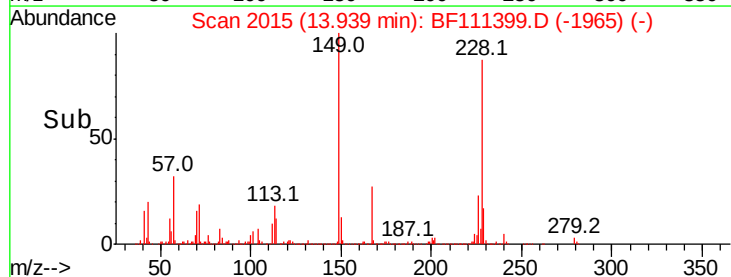
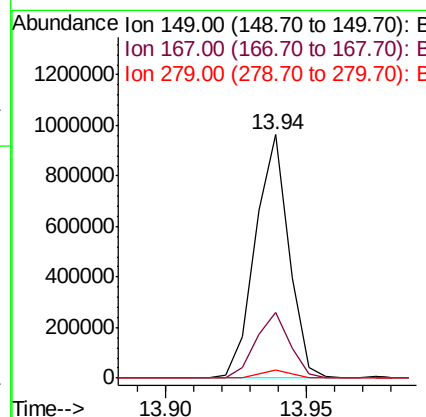
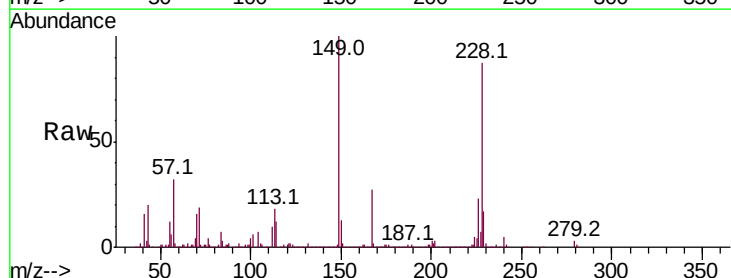
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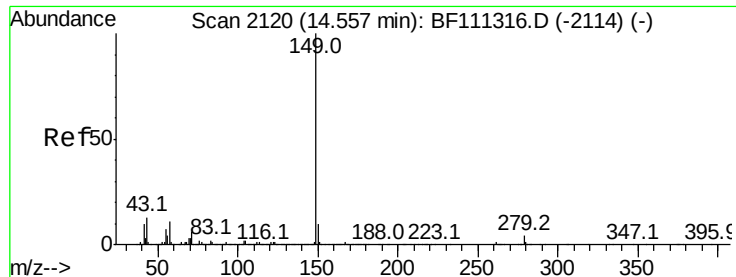
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.509 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.5	33.7
279	3.3	2.6	4.0





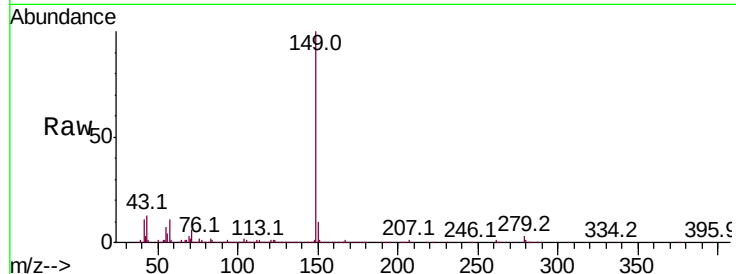
#85
Di-n-octyl phthalate
Concen: 45.212 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	13.0	10.9	16.3

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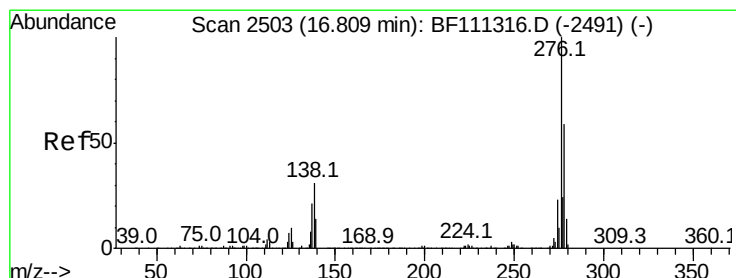
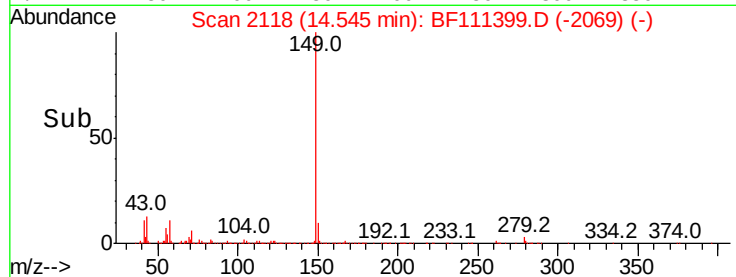
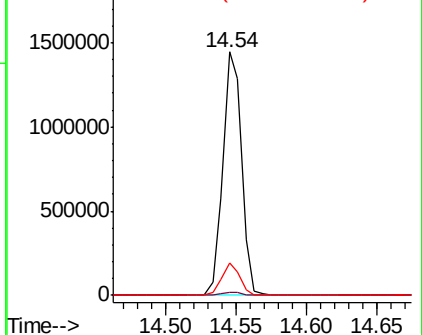


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.024 ng
RT: 16.80 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

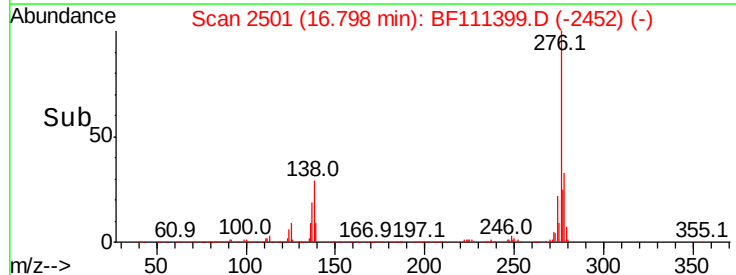
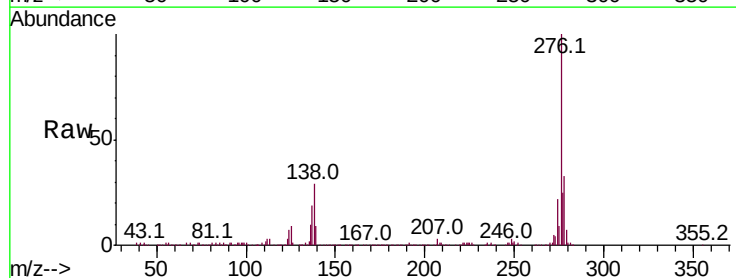
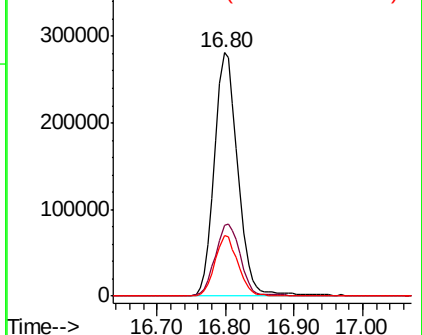
Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.2	27.8	41.6
277	24.5	20.1	30.1

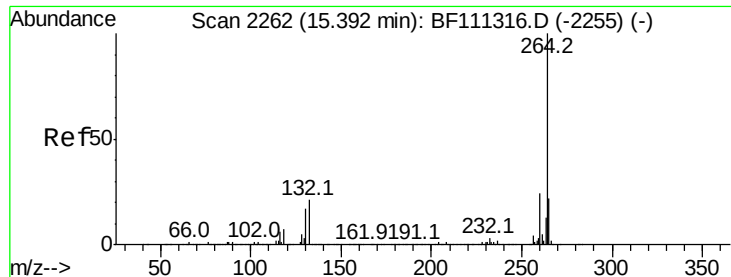
Abundance

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: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF111399.D

Acq: 14 Dec 2018 5:45

Instrument :

BNA_F

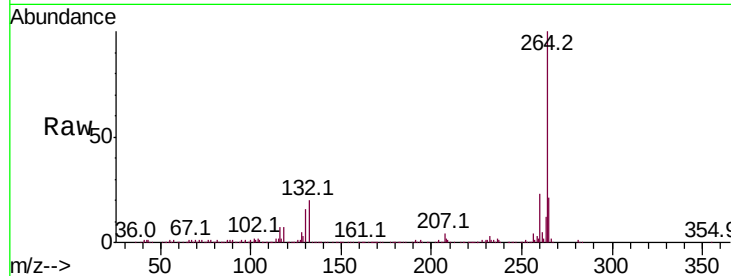
ClientSampleId :

SSTDCCC040

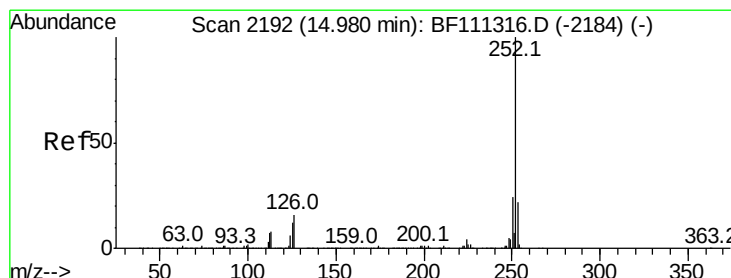
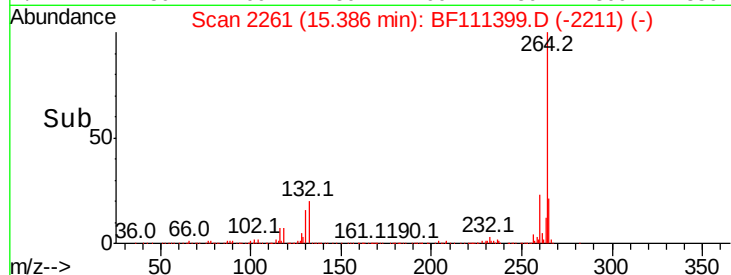
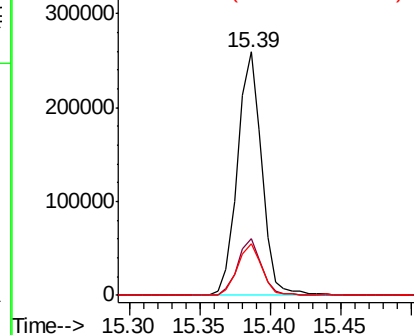
Tot Ion:	264	Resp:	311085
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.3	27.5
265	21.4	17.7	26.5

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



#88

Benzo(b)fluoranthene

Concen: 40.834 ng

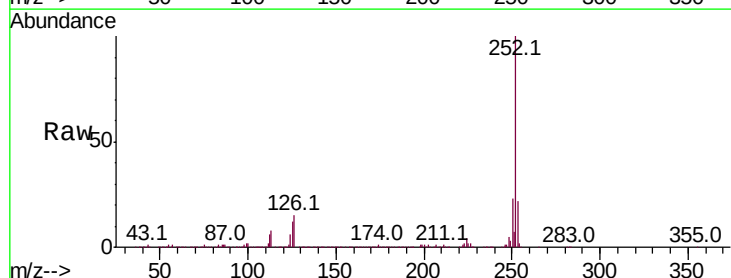
RT: 14.97 min Scan# 2191

Delta R.T. -0.01 min

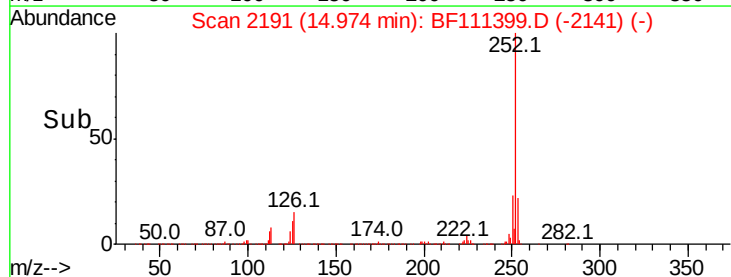
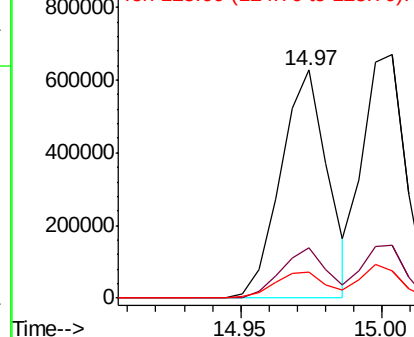
Lab File: BF111399.D

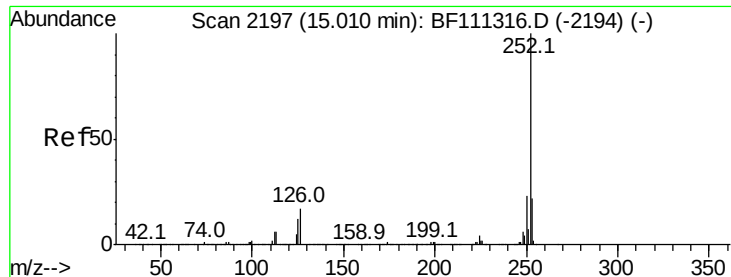
Acq: 14 Dec 2018 5:45

Tgt Ion:	252	Resp:	722324
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.2
125	11.6	10.4	15.6



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





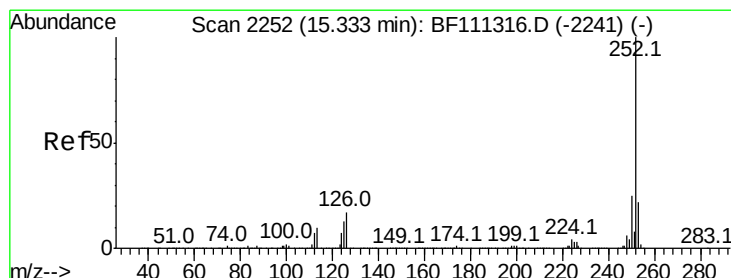
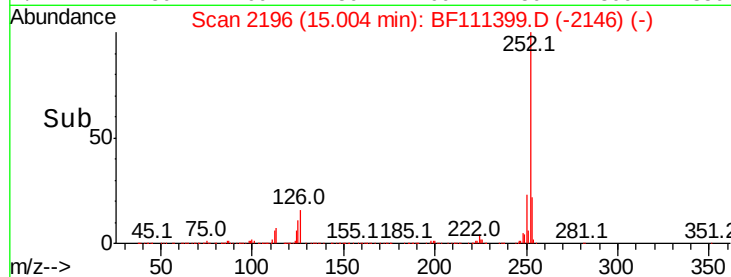
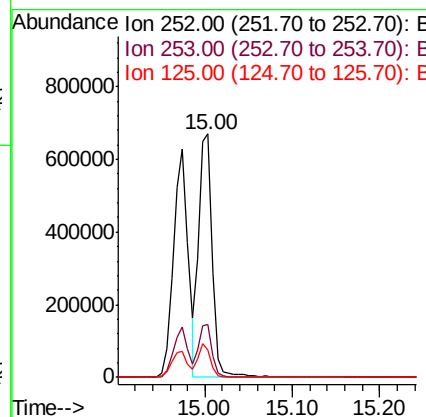
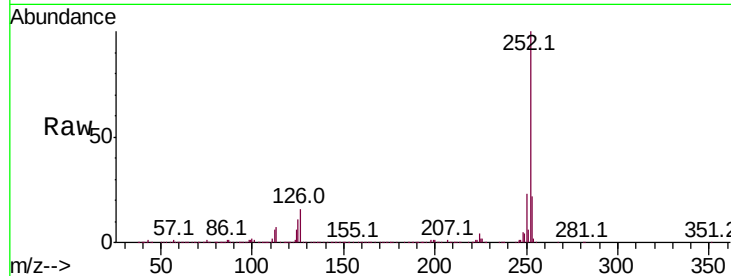
#89
Benzo(k)fluoranthene
Concen: 41.152 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.0	9.8	14.8

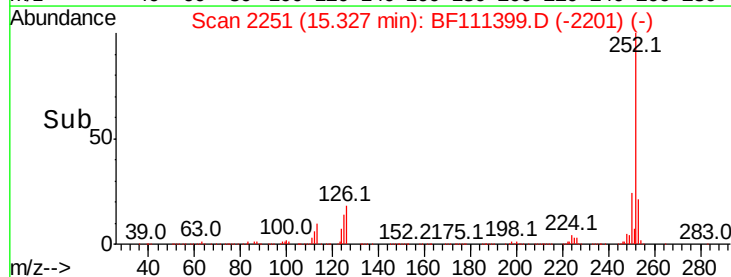
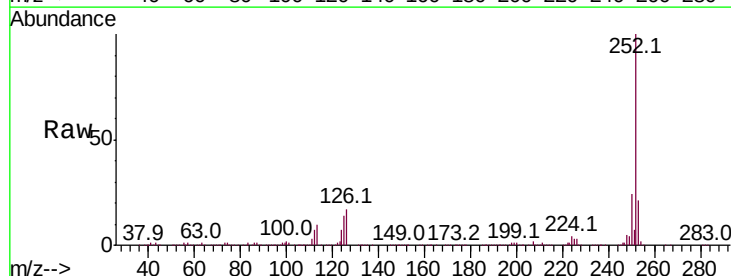
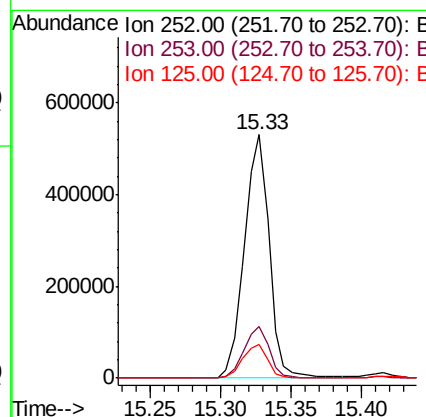
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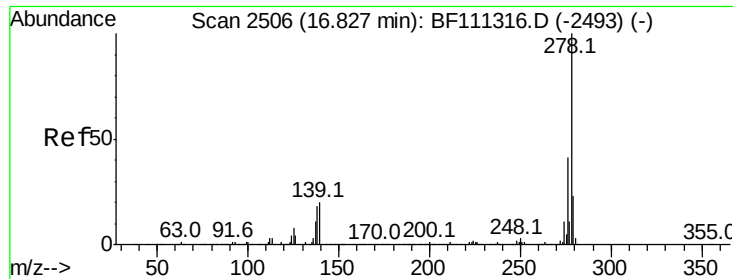
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#90
Benzo(a)pyrene
Concen: 39.609 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	13.8	12.3	18.5





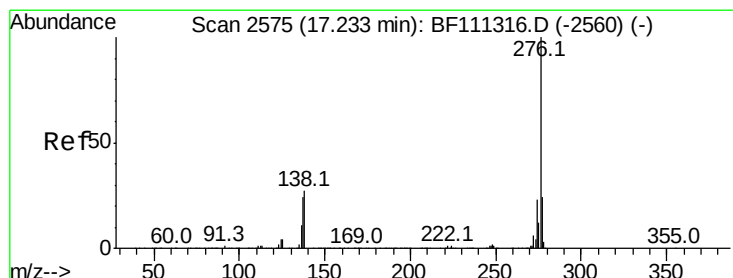
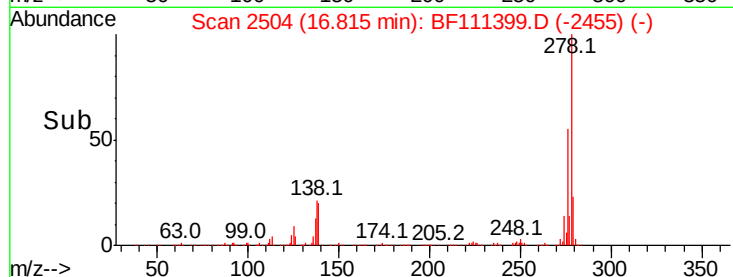
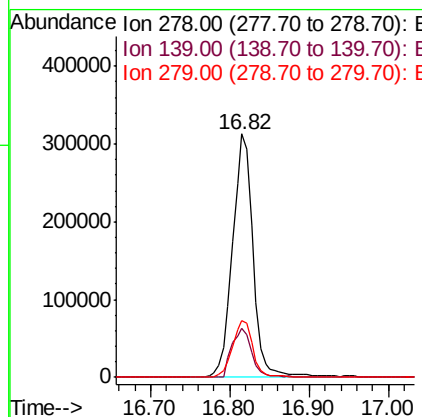
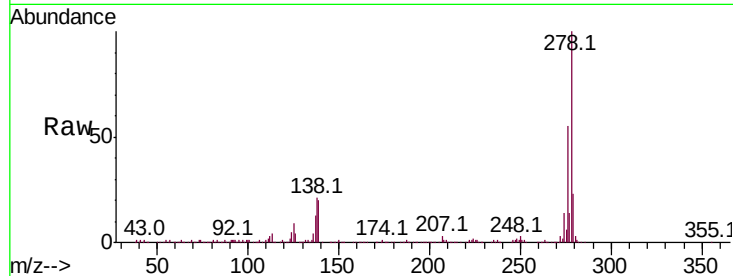
#91
Dibenzo(a,h)anthracene
Concen: 41.021 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.0	18.2	27.4
279	23.3	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.657 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF111399.D
Acq: 14 Dec 2018 5:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.3	19.2	28.8
138	25.4	24.9	37.3

