

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111320.D
 Acq On : 12 Dec 2018 14:38
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121218

Manual Integrations
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 12/13/2018 6:05:59 PM

Quant Time: Dec 12 15:10:20 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	300675	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1258229	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	587848	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1025949	20.00	ng	0.00
76) Chrysene-d12	13.95	240	708065	20.00	ng	0.00
87) Perylene-d12	15.39	264	579005	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1456124	81.89	ng	0.00
7) Phenol-d6	6.43	99	1893479	78.98	ng	0.00
23) Nitrobenzene-d5	7.36	82	1781657	79.81	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	411457	79.40	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2936341	80.20	ng	0.00
79) Terphenyl-d14	12.90	244	2448172	76.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	350001	39.408	ng	98
3) Pyridine	3.24	79	924040	42.352	ng	96
4) n-Nitrosodimethylamine	3.18	42	412833	40.561	ng	92
6) Aniline	6.46	93	1238116	42.691	ng	98
8) 2-Chlorophenol	6.58	128	864124	39.540	ng	98
9) Benzaldehyde	6.34	77	542795	39.624	ng	98
10) Phenol	6.44	94	1088718	40.091	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	834744	39.072	ng	96
12) 1,3-Dichlorobenzene	6.73	146	928774	39.257	ng	98
13) 1,4-Dichlorobenzene	6.81	146	944051	39.417	ng	97
14) 1,2-Dichlorobenzene	6.97	146	876792	39.572	ng	98
15) Benzyl Alcohol	6.93	79	733383	39.951	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1647049	39.794	ng	100
17) 2-Methylphenol	7.05	107	693586	39.276	ng	99
18) Hexachloroethane	7.31	117	353017	39.702	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	625340	39.255	ng	99
20) 3+4-Methylphenols	7.20	107	829414	39.384	ng	95
22) Acetophenone	7.20	105	1130054	38.665	ng	# 98
24) Nitrobenzene	7.37	77	908534	39.512	ng	97
25) Isophorone	7.62	82	1471065	38.794	ng	98
26) 2-Nitrophenol	7.69	139	465941	41.225	ng	99
27) 2,4-Dimethylphenol	7.73	122	686752	40.027	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	1014475	38.977	ng	98
29) 2,4-Dichlorophenol	7.93	162	707914	39.554	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	721634	39.241	ng	97
31) Naphthalene	8.10	128	2316160	39.510	ng	98
32) Benzoic acid	7.86	122	636388m	44.620	ng	
33) 4-Chloroaniline	8.15	127	1044588	41.724	ng	99
34) Hexachlorobutadiene	8.22	225	400525	39.260	ng	97
35) Caprolactam	8.52	113	256951m	40.973	ng	
36) 4-Chloro-3-methylphenol	8.63	107	760570	39.879	ng	99
37) 2-Methylnaphthalene	8.79	142	1489724	39.312	ng	99
38) 1-Methylnaphthalene	8.89	142	1442527	39.441	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	637849	38.602	ng	99

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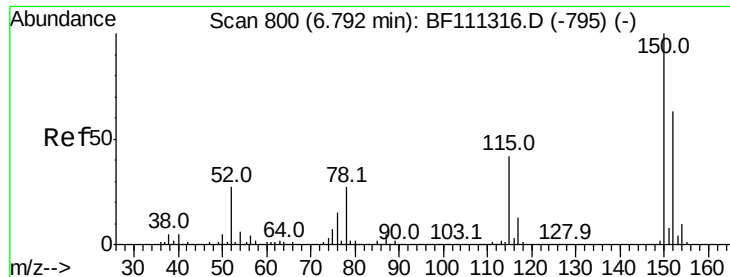
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	323345	37.475	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	469138	39.667	ng	97
44) 2,4,5-Trichlorophenol	9.11	196	488529	39.085	ng	95
46) 1,1'-Biphenyl	9.26	154	1941905	38.717	ng	96
47) 2-Chloronaphthalene	9.28	162	1507631	39.249	ng	97
48) 2-Nitroaniline	9.37	65	508637	40.749	ng	99
49) Acenaphthylene	9.69	152	2213067	39.435	ng	97
50) Dimethylphthalate	9.56	163	1659208	39.250	ng	99
51) 2,6-Dinitrotoluene	9.62	165	392725	41.912	ng	97
52) Acenaphthene	9.87	154	1413559	39.935	ng	99
53) 3-Nitroaniline	9.78	138	464664	41.256	ng	99
54) 2,4-Dinitrophenol	9.89	184	162102	44.094	ng	# 85
55) Dibenzofuran	10.04	168	2017659	39.485	ng	97
56) 4-Nitrophenol	9.94	139	351216	43.302	ng	97
57) 2,4-Dinitrotoluene	10.02	165	507544	42.263	ng	94
58) Fluorene	10.38	166	1423169	38.933	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	384371	39.807	ng	99
60) Diethylphthalate	10.26	149	1703506	40.028	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	703758	38.835	ng	98
62) 4-Nitroaniline	10.40	138	444886	41.095	ng	97
63) Azobenzene	10.53	77	1709825	39.847	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	248125	42.126	ng	86
66) n-Nitrosodiphenylamine	10.49	169	1400248	38.368	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	443497	38.831	ng	98
68) Hexachlorobenzene	10.93	284	457699	38.917	ng	99
69) Atrazine	11.02	200	421187	39.903	ng	97
70) Pentachlorophenol	11.12	266	329510	42.103	ng	97
71) Phenanthrene	11.34	178	2058033	38.810	ng	96
72) Anthracene	11.39	178	2104396	38.973	ng	96
73) Carbazole	11.55	167	2213466	39.646	ng	96
74) Di-n-butylphthalate	11.88	149	2514407	39.553	ng	98
75) Fluoranthene	12.53	202	2056887	39.733	ng	98
77) Benzidine	12.65	184	846923	63.382	ng	98
78) Pyrene	12.76	202	2108374	38.582	ng	97
80) Butylbenzylphthalate	13.37	149	1039035	39.601	ng	98
81) Benzo(a)anthracene	13.94	228	1564170	39.482	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	593301	39.598	ng	97
83) Chrysene	13.98	228	1563349	38.678	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	1267896	39.529	ng	99
85) Di-n-octyl phthalate	14.56	149	2118886	40.231	ng	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1201806	38.016	ng	98
88) Benzo(b)fluoranthene	14.97	252	1396403	42.413	ng	99
89) Benzo(k)fluoranthene	15.00	252	1213860	36.936	ng	98
90) Benzo(a)pyrene	15.33	252	1201488	39.193	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	1002095	39.290	ng	97
92) Benzo(g,h,i)perylene	17.23	276	999272	39.187	ng	96

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



#1

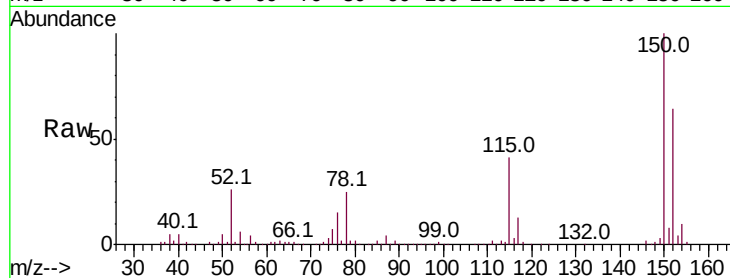
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.6	189.8
115	63.7	50.7	76.1

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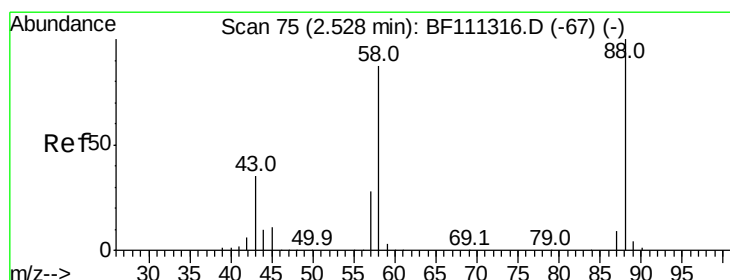
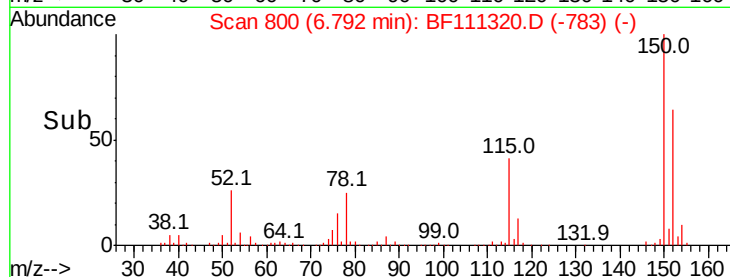
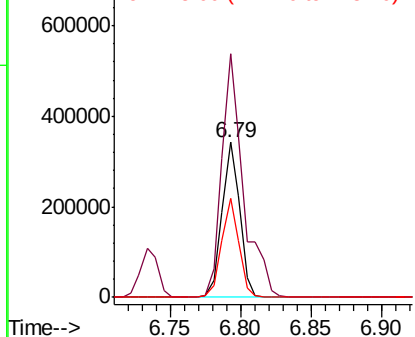


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

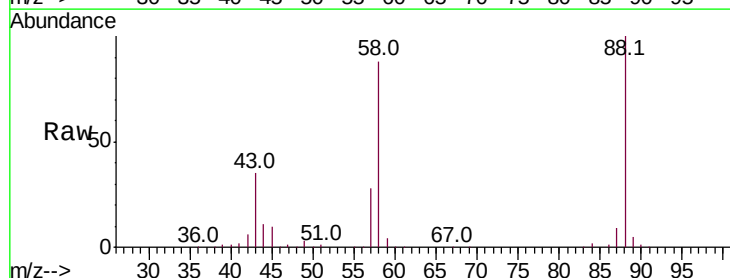
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.408 ng
RT: 2.51 min Scan# 72
Delta R.T. -0.02 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.7	68.9	103.3
43	34.5	25.8	38.6

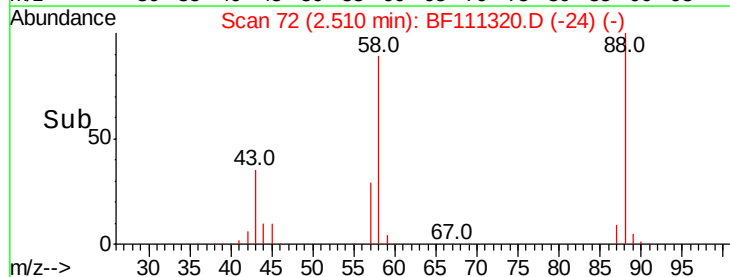
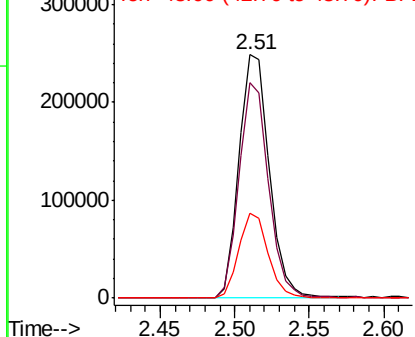


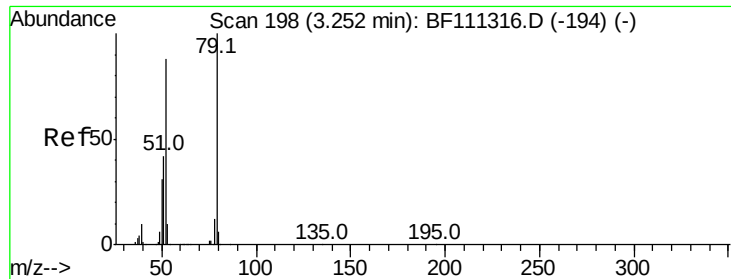
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 42.352 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

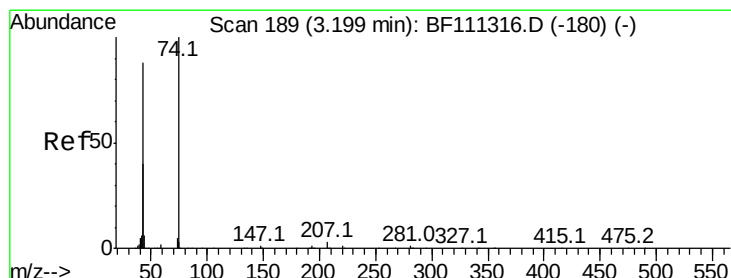
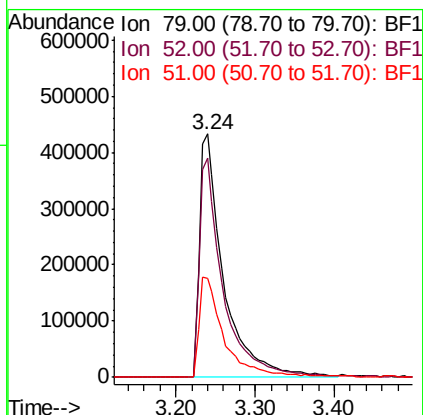
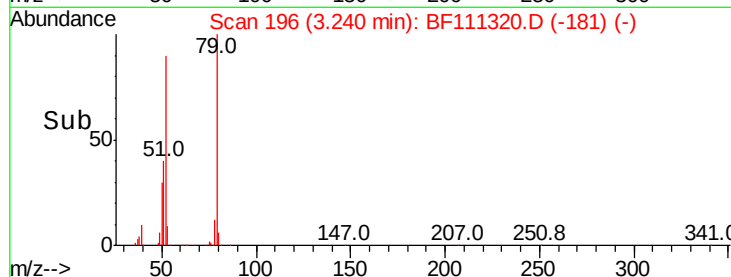
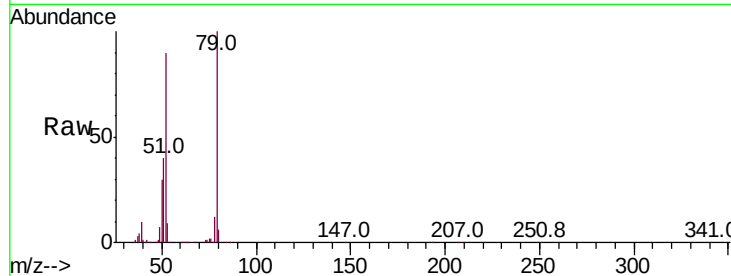
ClientSampleId :

ICVBF121218

Tot Ion:	79	Resp:	924040
Ion Ratio	Lower	Upper	
79	100		
52	90.3	68.3	102.5
51	40.5	32.6	49.0

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#4

n-Nitrosodimethylamine

Concen: 40.561 ng

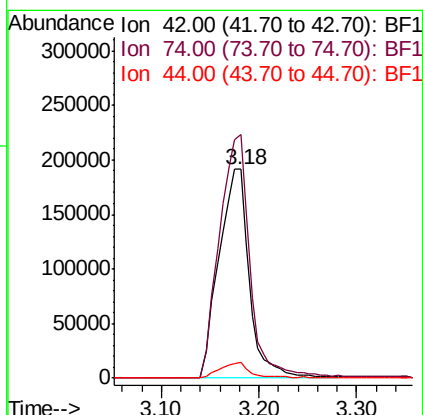
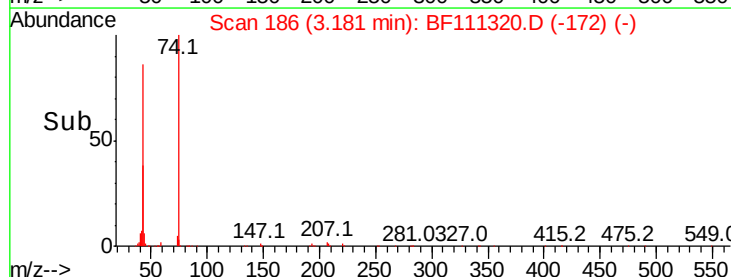
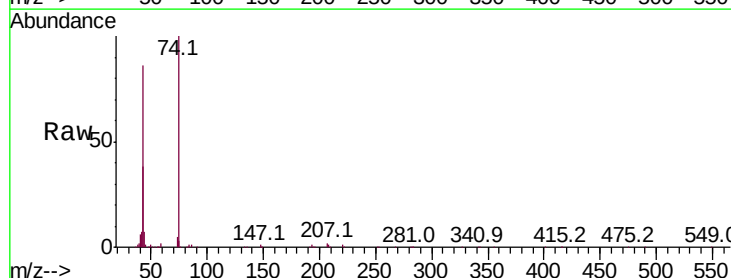
RT: 3.18 min Scan# 186

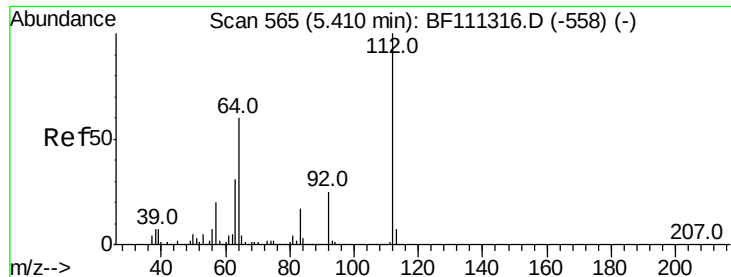
Delta R.T. -0.02 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:	42	Resp:	412833
Ion Ratio	Lower	Upper	
42	100		
74	116.6	101.5	152.3
44	7.6	6.0	9.0





#5

2-Fluorophenol

Concen: 81.894 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

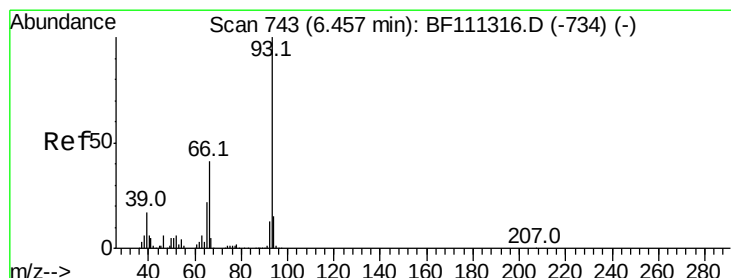
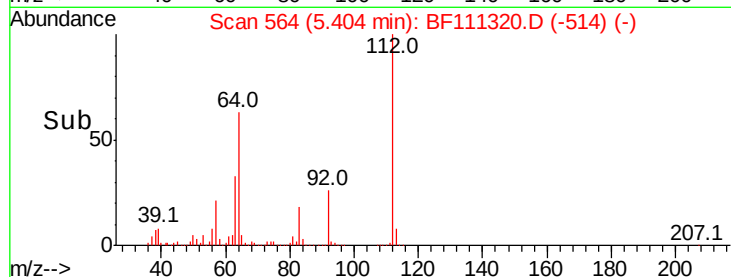
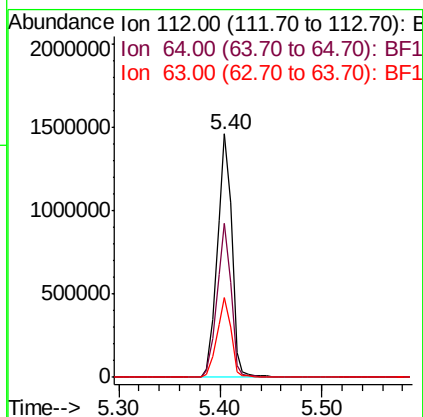
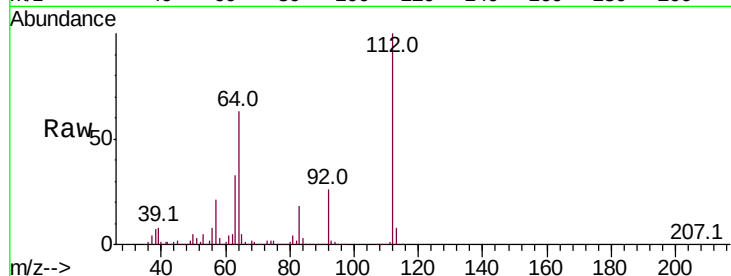
ClientSampleId :

ICVBF121218

Tot Ion:	112	Resp:	1456124
Ion	Ratio	Lower	Upper
112	100		
64	63.1	51.8	77.6
63	32.8	26.8	40.2

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#6

Aniline

Concen: 42.691 ng

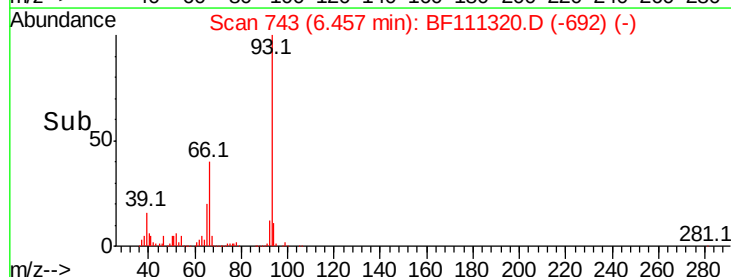
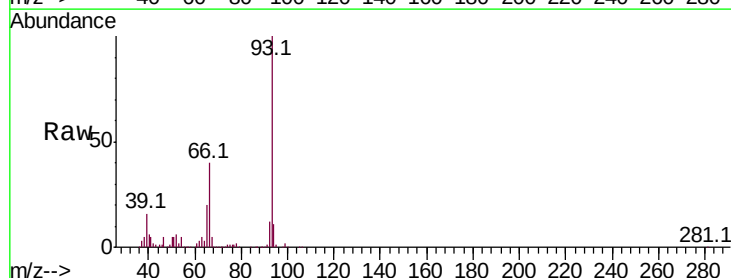
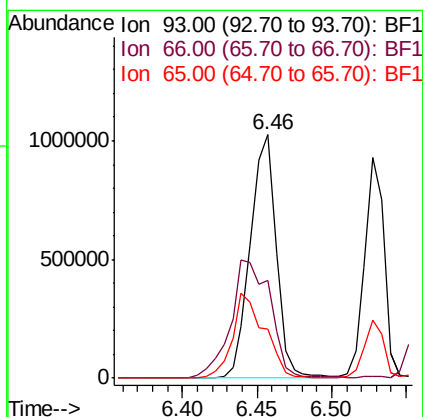
RT: 6.46 min Scan# 743

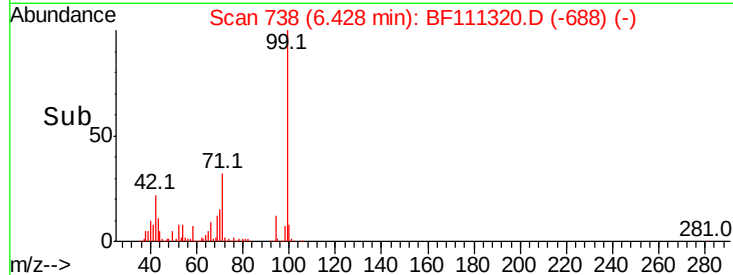
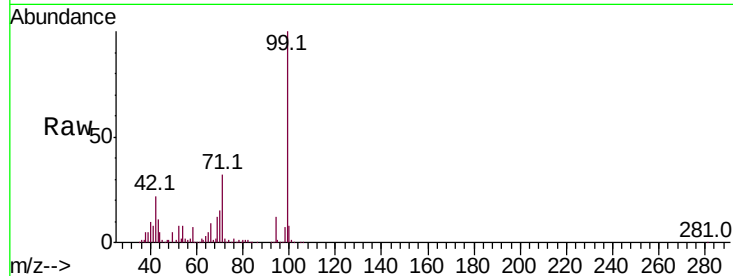
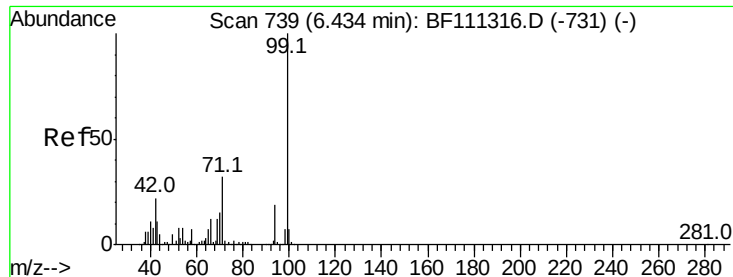
Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:	93	Resp:	1238116
Ion	Ratio	Lower	Upper
93	100		
66	40.2	33.2	49.8
65	20.3	17.0	25.4





#7

Phenol-d6

Concen: 78.984 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tot Ion:	99	Resp:	1893479
Ion	Ratio	Lower	Upper
99	100		
42	22.0	17.4	26.0
71	31.8	26.1	39.1

Instrument :

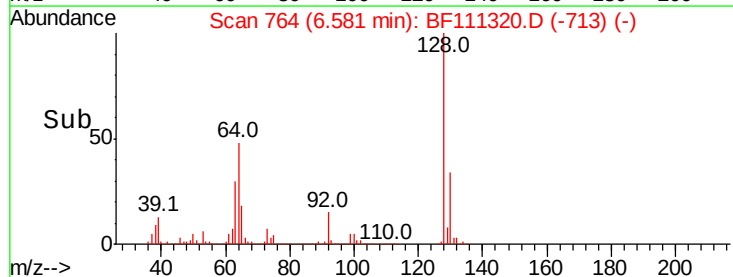
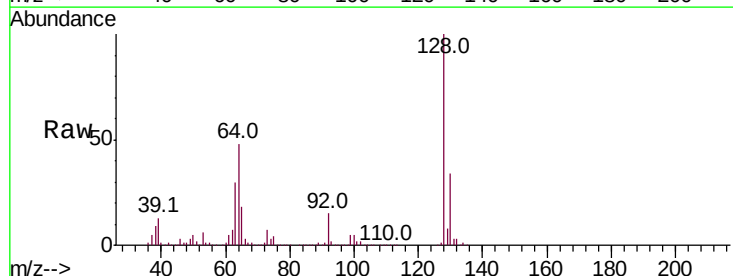
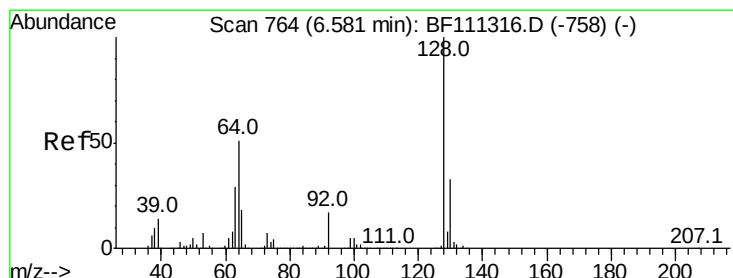
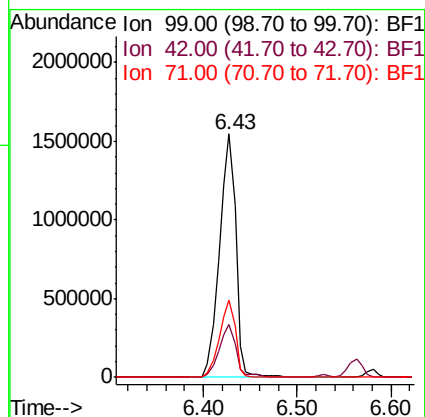
BNA_F

ClientSampleId :

ICVBF121218

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#8

2-Chlorophenol

Concen: 39.540 ng

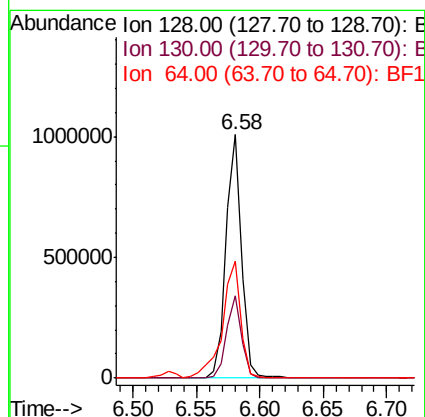
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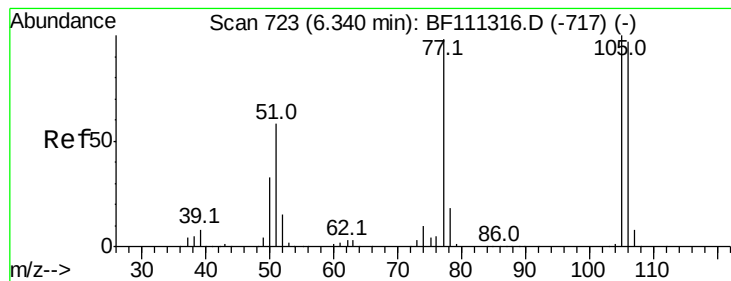
Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:	128	Resp:	864124
Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.7	52.7
64	48.0	30.0	70.0





#9

Benzaldehyde

Concen: 39.624 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

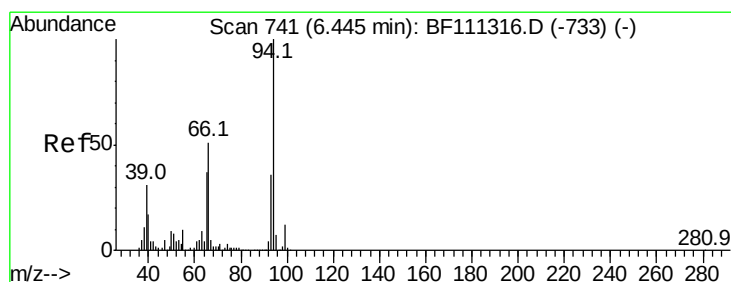
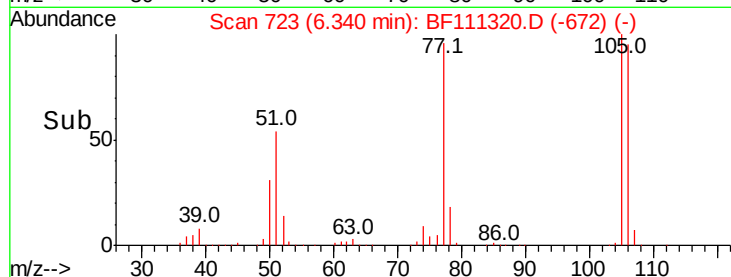
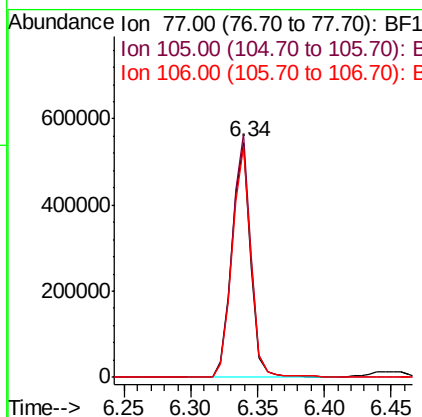
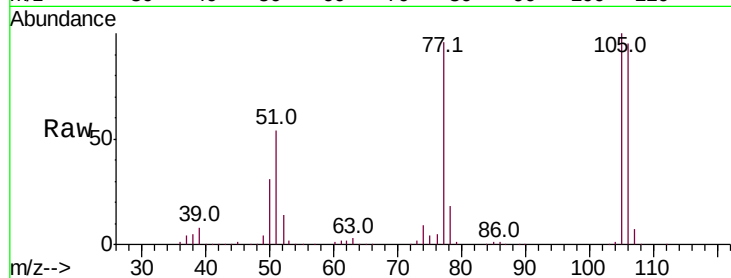
ClientSampleId :

ICVBF121218

Tot Ion:	77	Resp:	542795
Ion	Ratio	Lower	Upper
77	100		
105	103.7	81.4	121.4
106	98.6	77.9	117.9

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#10

Phenol

Concen: 40.091 ng

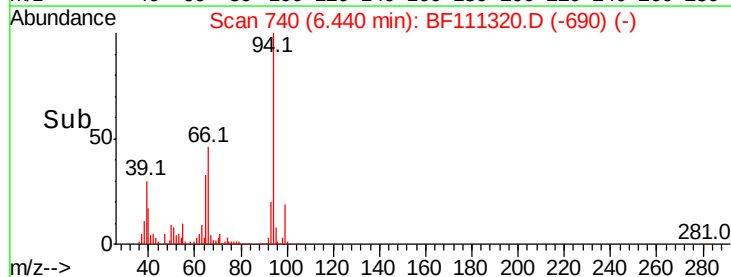
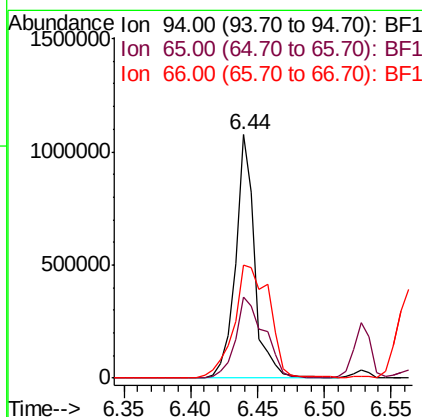
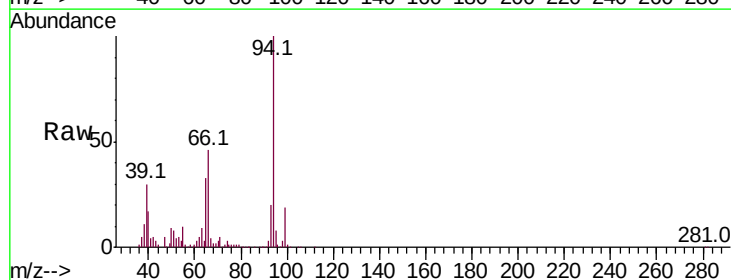
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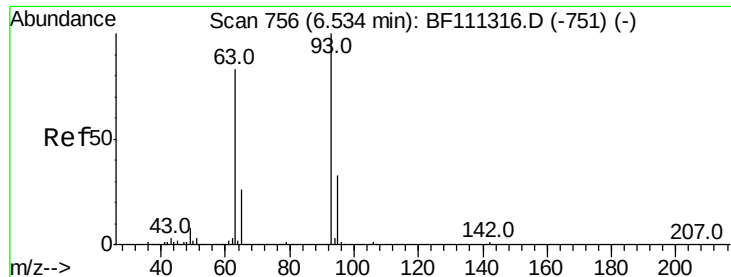
Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:	94	Resp:	1088718
Ion	Ratio	Lower	Upper
94	100		
65	33.3	11.7	51.7
66	46.3	21.0	61.0





#11

bis(2-Chloroethyl)ether

Concen: 39.072 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

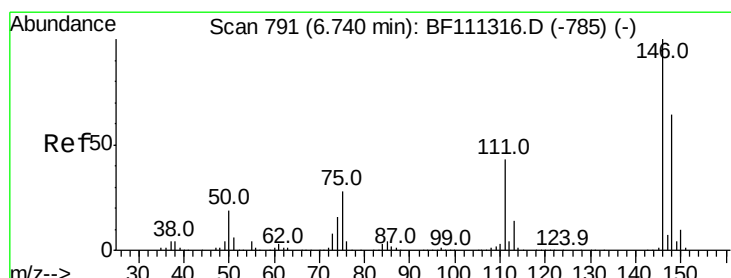
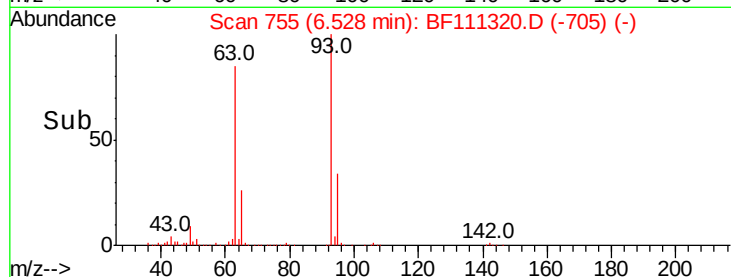
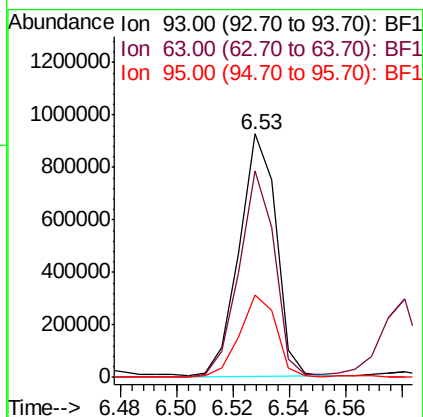
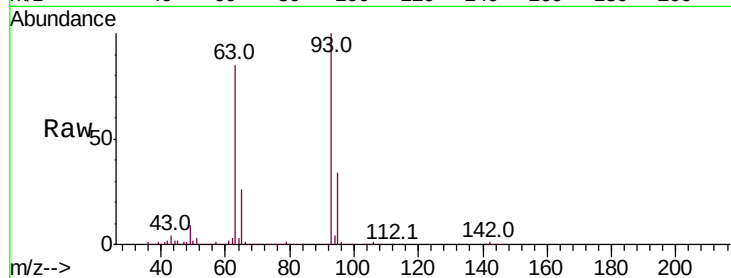
ClientSampleId :

ICVBF121218

Tot Ion:	93	Resp:	834744
Ion Ratio	Lower	Upper	
93	100		
63	84.9	60.0	100.0
95	33.7	13.4	53.4

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#12

1,3-Dichlorobenzene

Concen: 39.257 ng

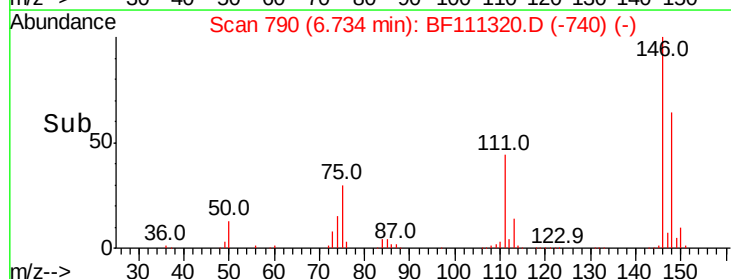
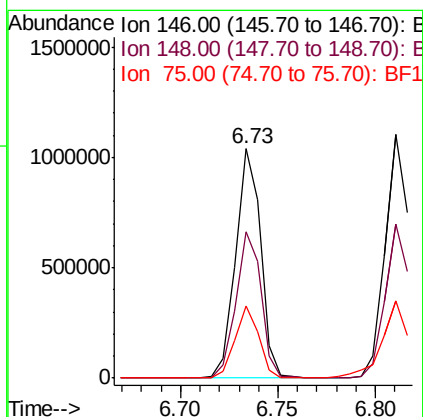
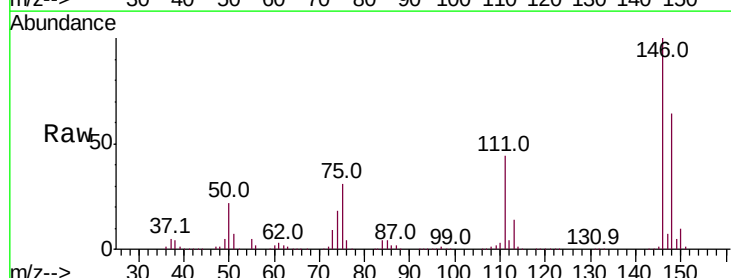
RT: 6.73 min Scan# 790

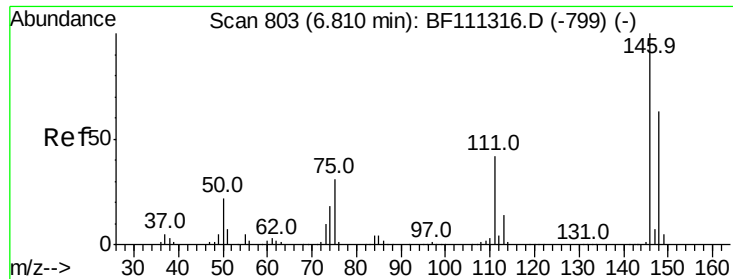
Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:	146	Resp:	928774
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.1	78.1
75	31.2	23.9	35.9





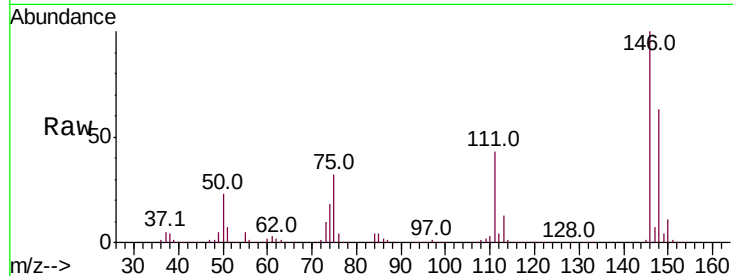
#13
1,4-Dichlorobenzene
Concen: 39.417 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampled :
ICVBF121218

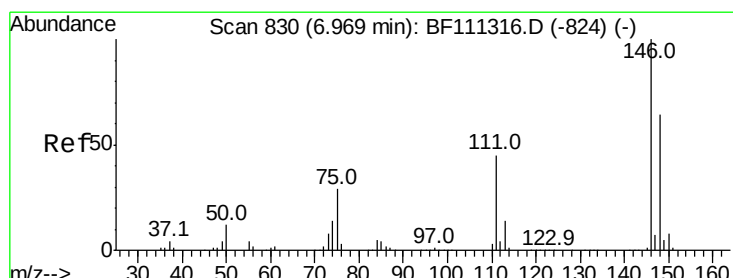
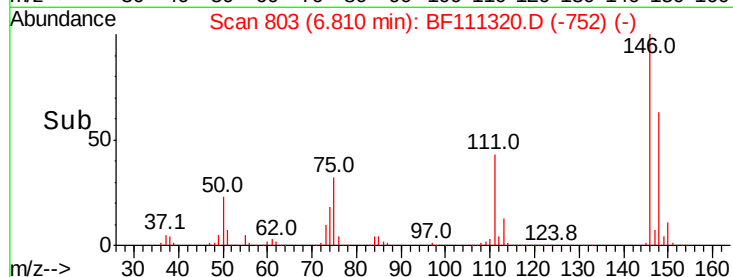
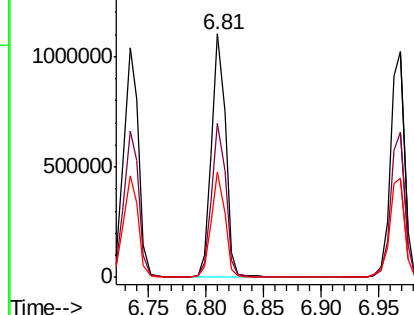
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.8	79.2
111	43.3	33.4	50.0

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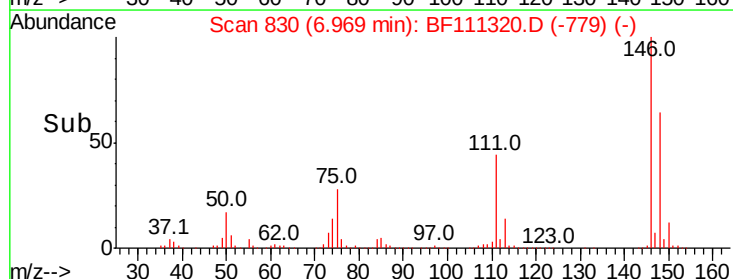
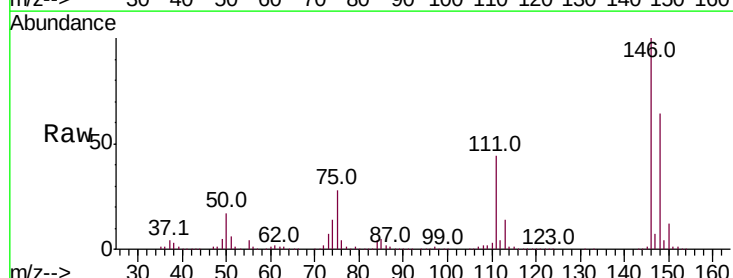
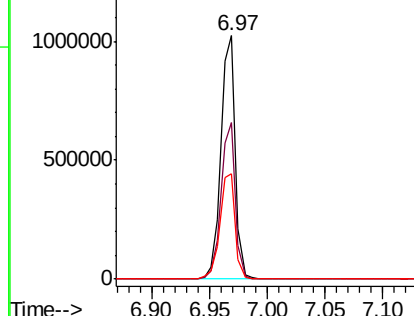
Abundance Ion 146.00 (145.70 to 146.70): E
1500000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

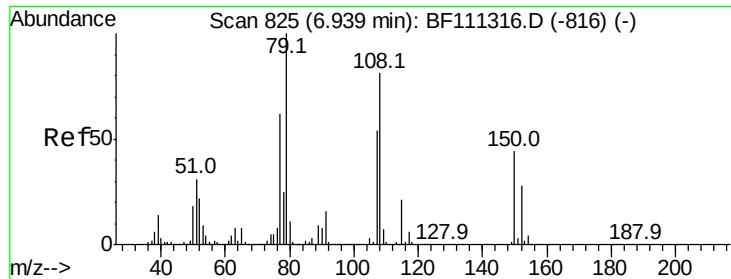


#14
1,2-Dichlorobenzene
Concen: 39.572 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.9	77.9
111	43.5	36.2	54.4

Abundance Ion 146.00 (145.70 to 146.70): E
1000000
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





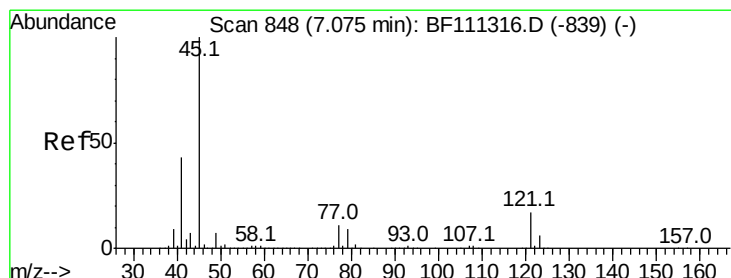
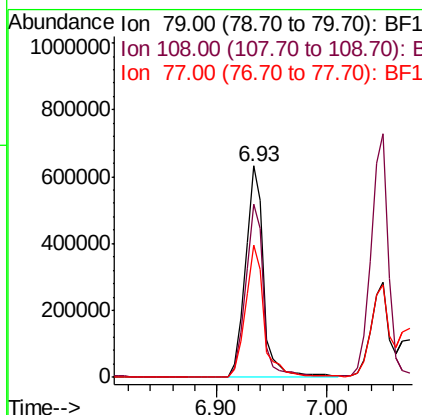
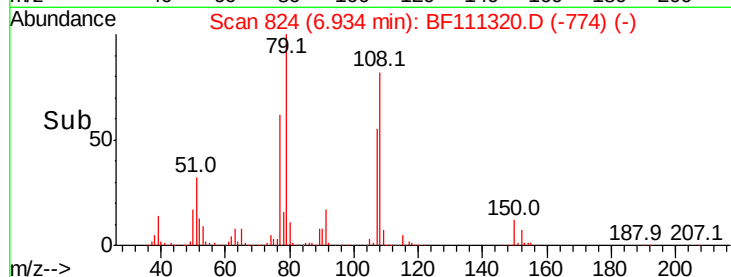
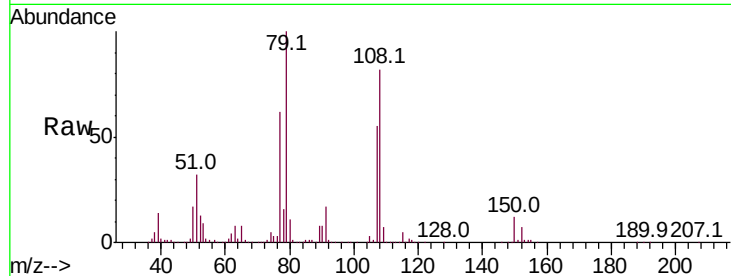
#15
Benzyl Alcohol
Concen: 39.951 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion: 79 Resp: 733383
Ion Ratio Lower Upper
79 100
108 82.1 69.4 104.2
77 62.5 49.7 74.5

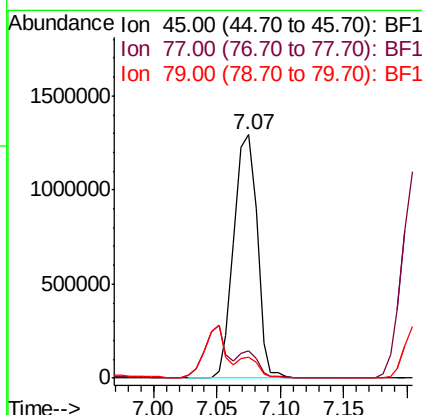
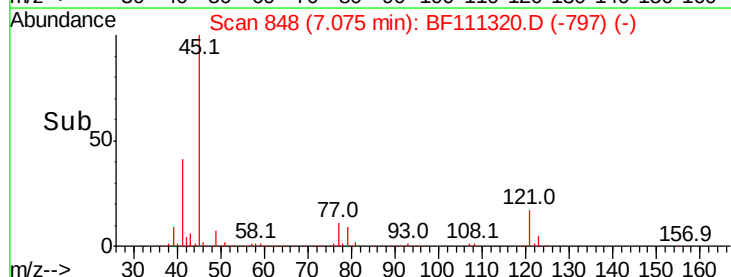
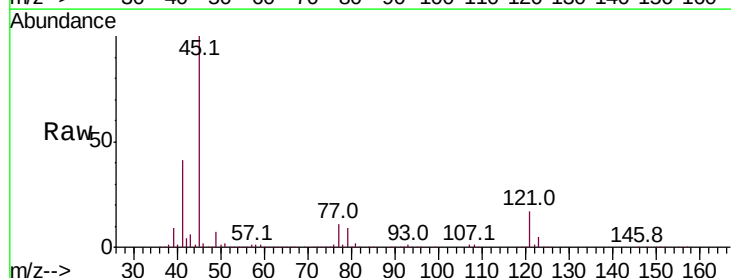
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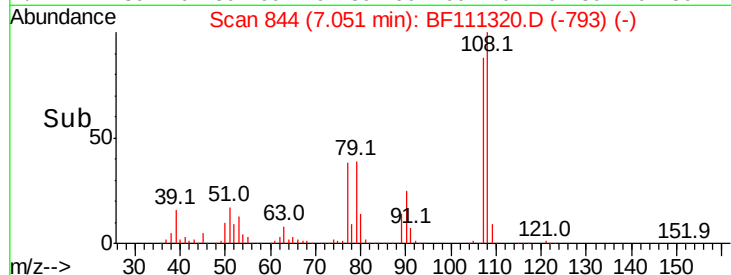
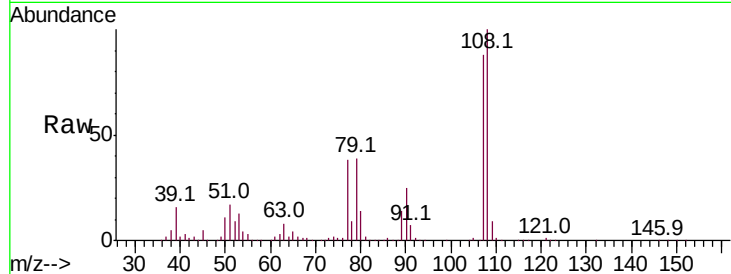
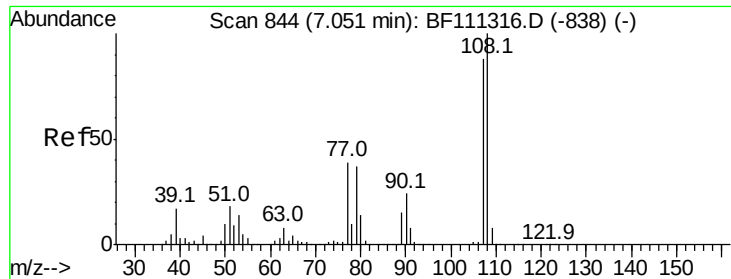
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.794 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion: 45 Resp: 1647049
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.5
79 8.7 0.0 28.9





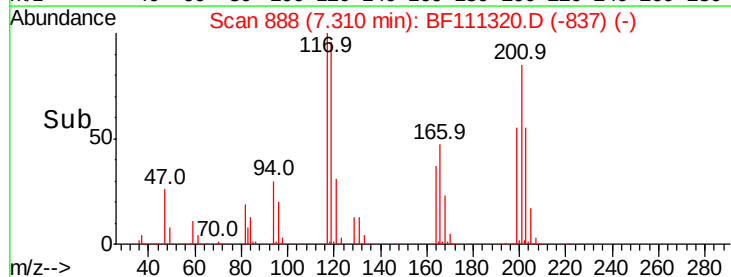
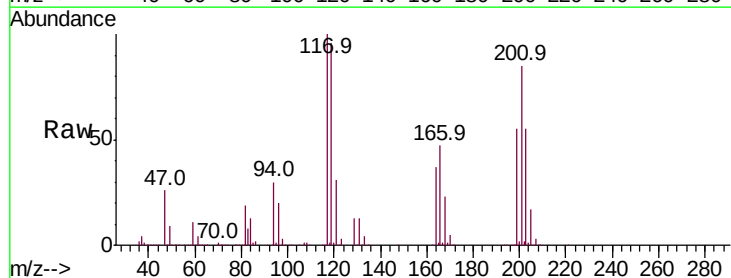
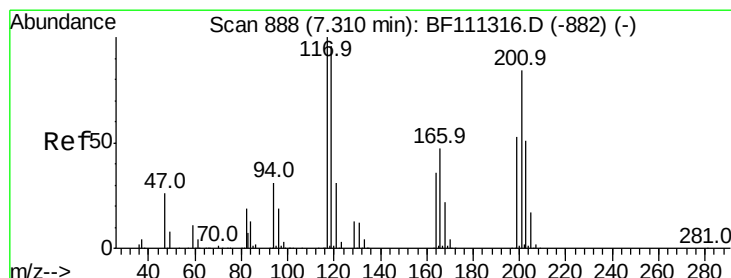
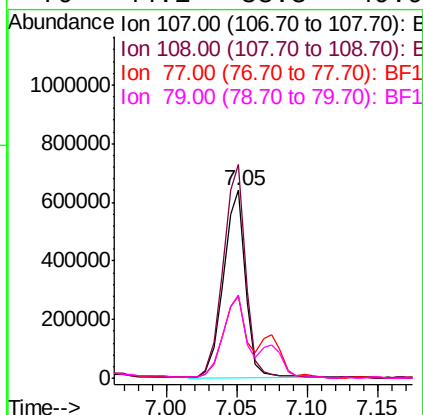
#17
2-Methylphenol
Concen: 39.276 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tot Ion	Ratio	Resp	Lower	Upper
107	100	693586		
108	113.7	91.0	136.4	
77	43.4	33.5	50.3	
79	44.1	33.3	49.9	

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

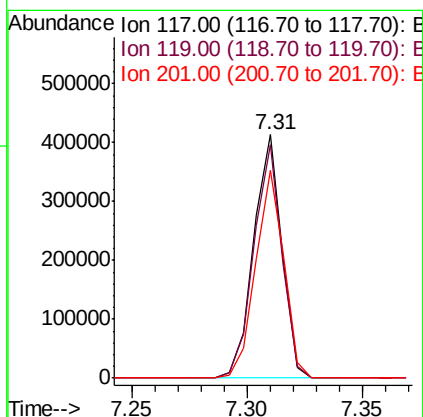
Manual Integrations
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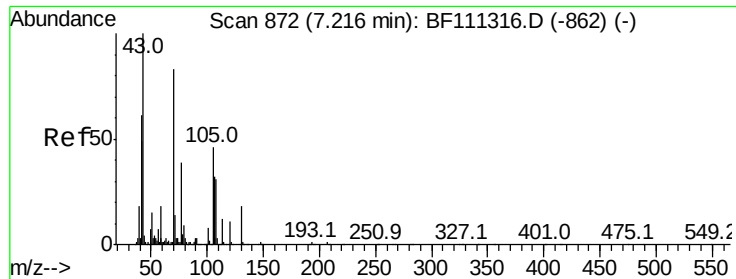
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#18
Hexachloroethane
Concen: 39.702 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	353017		
119	95.9	75.4	113.0	
201	85.3	62.4	93.6	





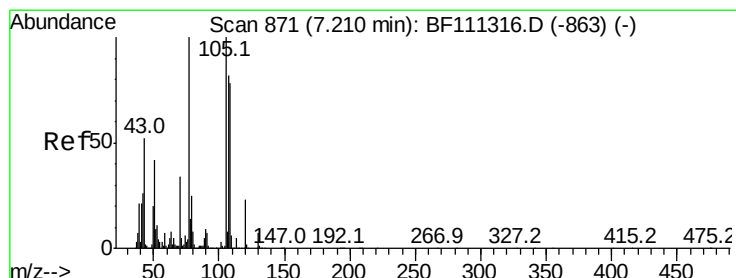
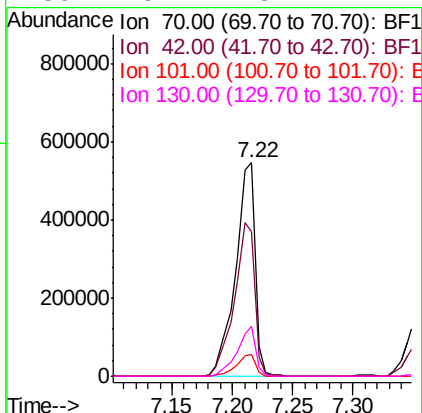
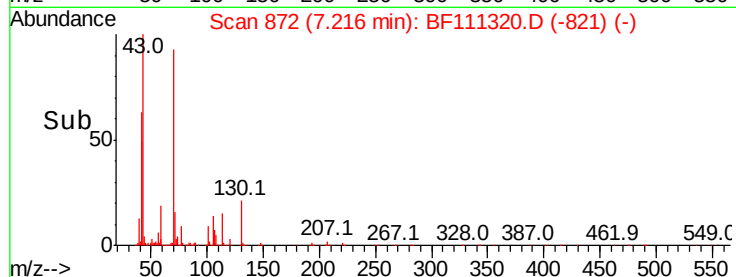
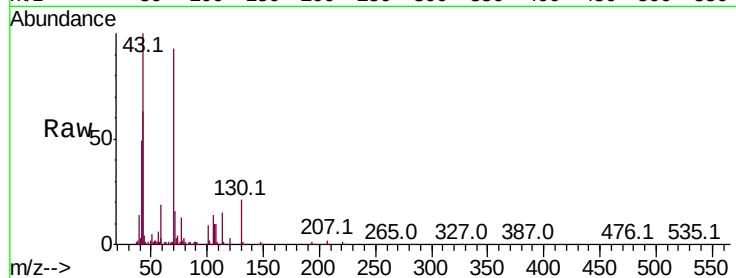
#19
n-Nitroso-di-n-propylamine
Concen: 39.255 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.8	53.2	79.8
101	10.0	8.2	12.4
130	23.1	18.1	27.1

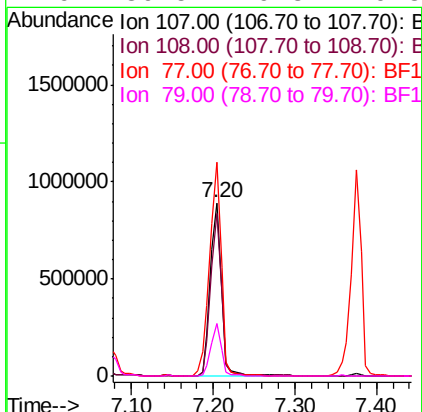
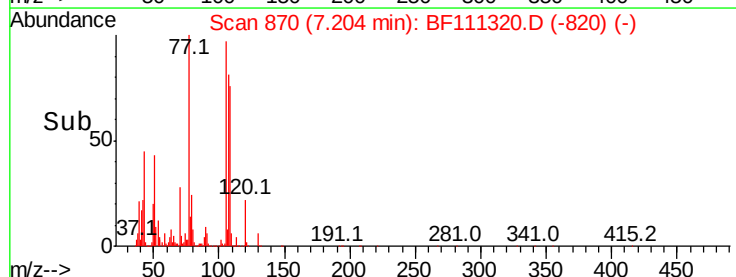
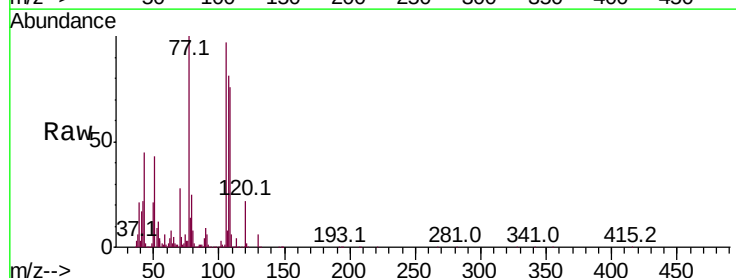
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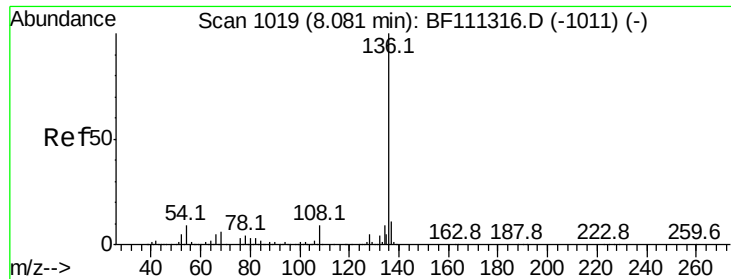
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#20
3+4-Methylphenols
Concen: 39.384 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	72.1	112.1
77	123.5	94.1	134.1
79	30.5	9.8	49.8





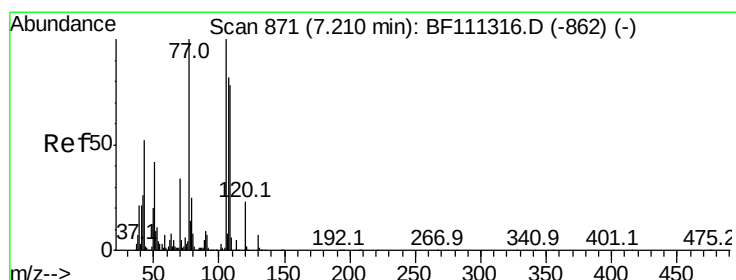
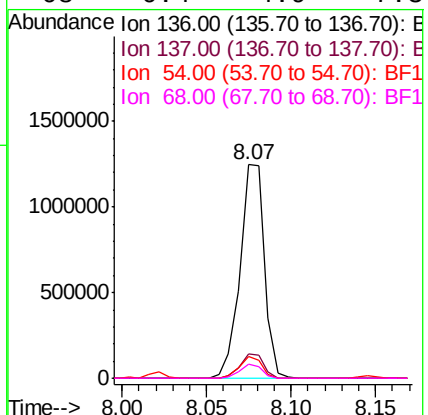
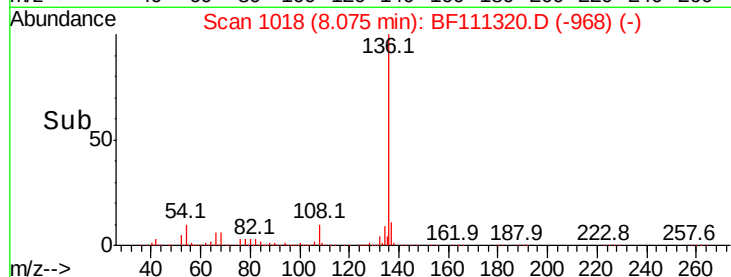
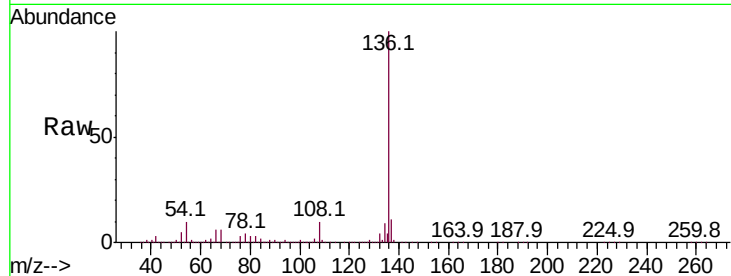
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	10.0	7.7	11.5
68	6.4	4.9	7.3

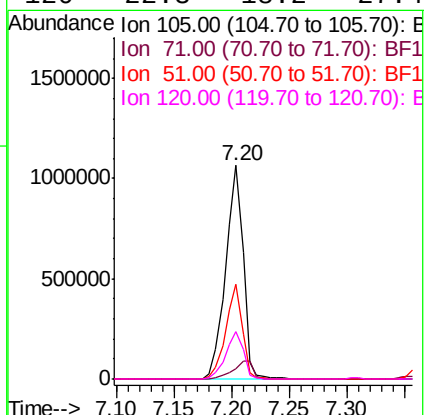
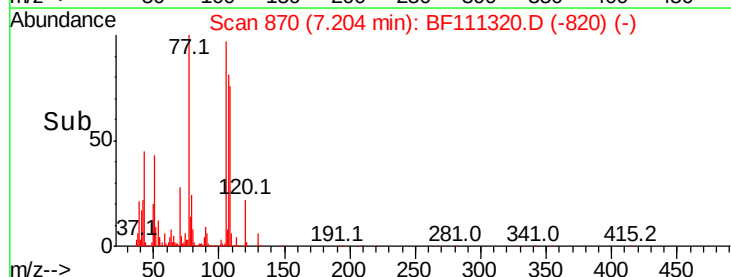
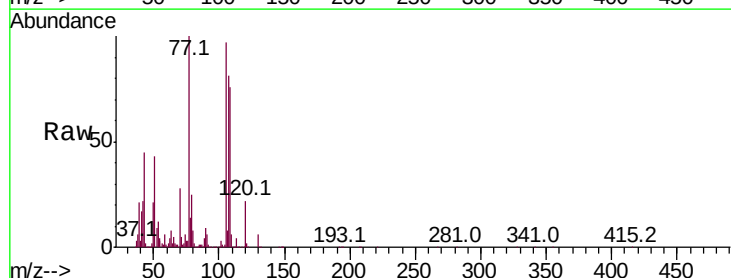
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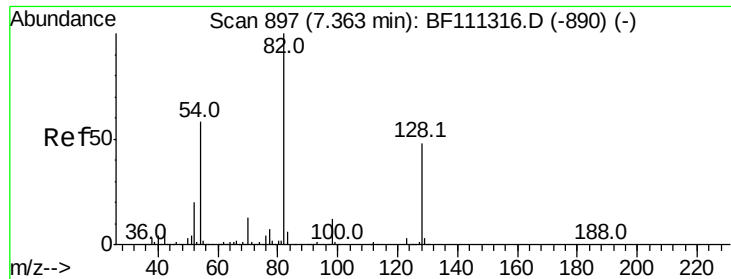
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#22
Acetophenone
Concen: 38.665 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.8	3.1	4.7#
51	44.2	36.6	54.8
120	22.3	18.2	27.4





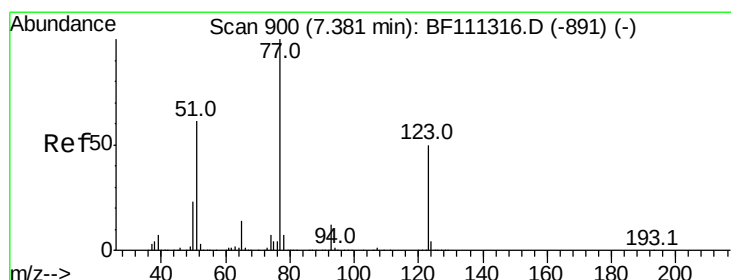
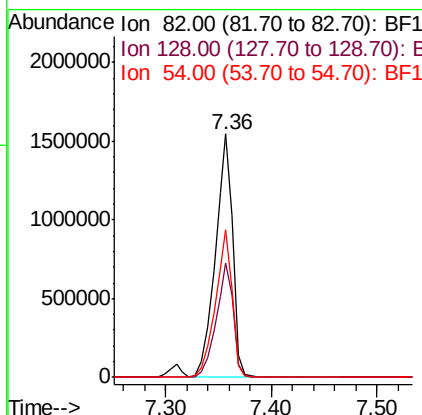
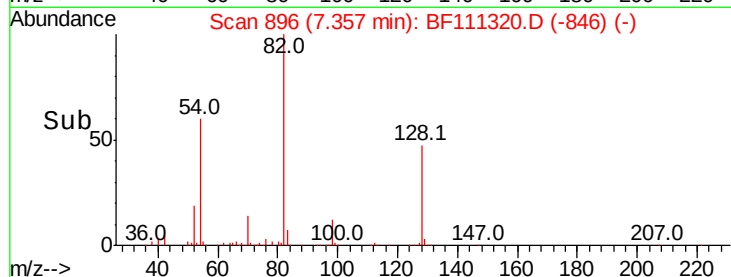
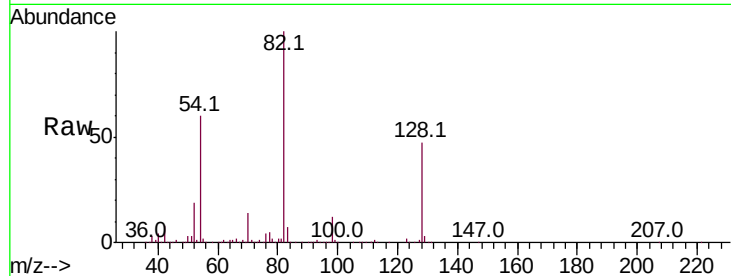
#23
Nitrobenzene-d5
Concen: 79.811 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion: 82 Resp: 1781657
Ion Ratio Lower Upper
82 100
128 46.9 37.4 56.2
54 60.4 47.6 71.4

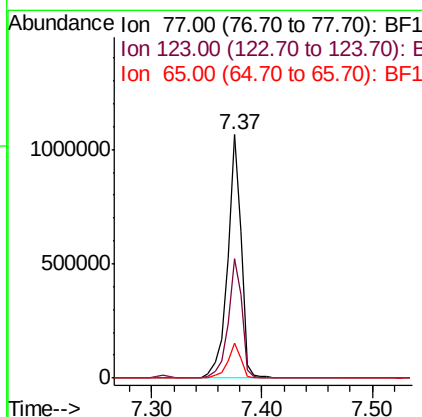
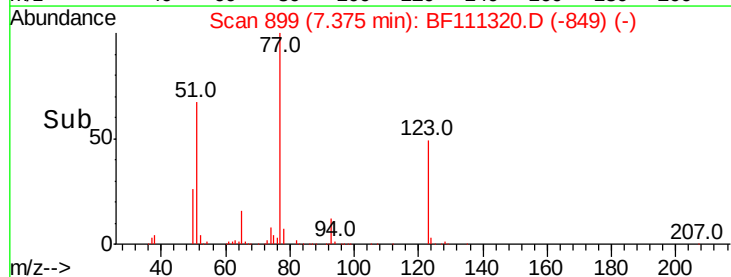
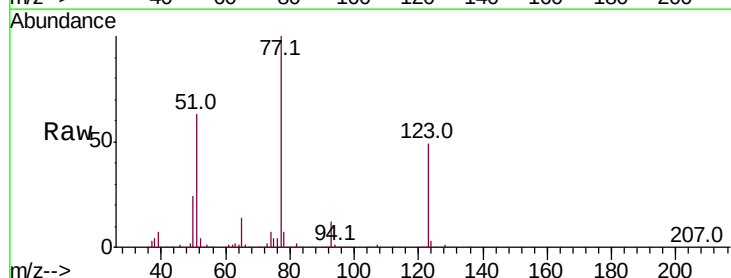
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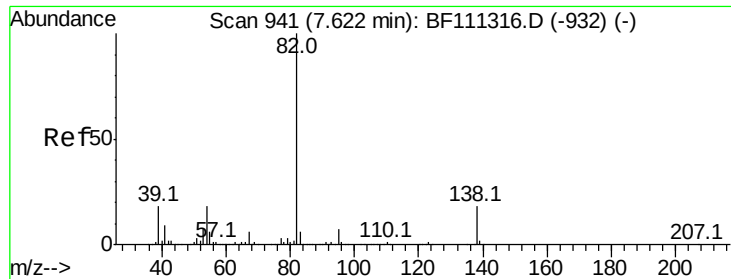
Sohil
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#24
Nitrobenzene
Concen: 39.512 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion: 77 Resp: 908534
Ion Ratio Lower Upper
77 100
123 49.0 37.2 55.8
65 14.3 11.5 17.3





#25

Isophorone

Concen: 38.794 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF121218

Tot Ion: 82 Resp: 1471065

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

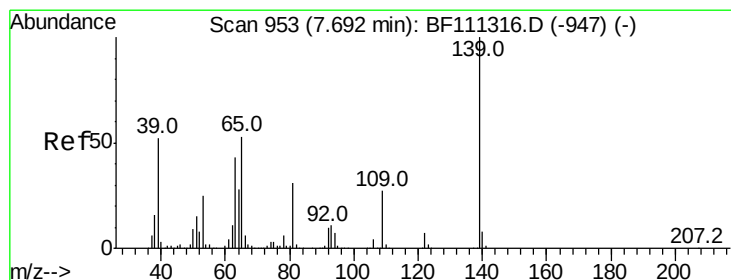
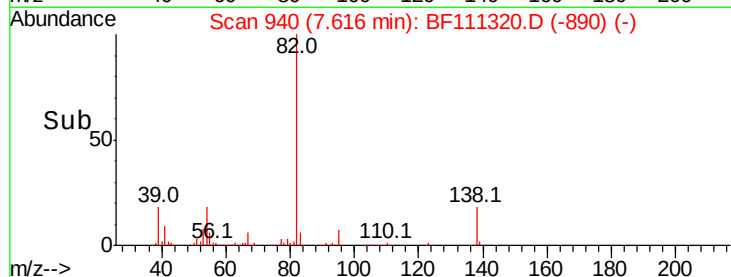
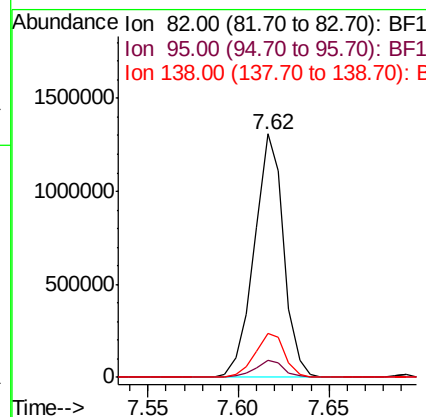
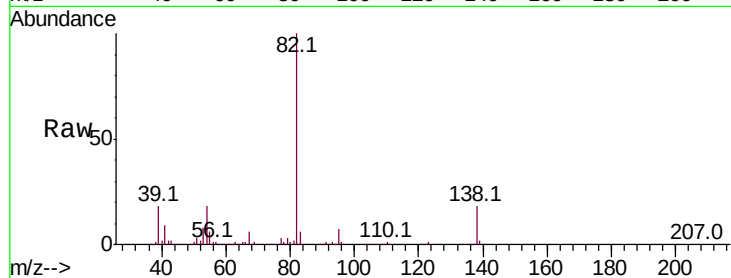
138 17.9 15.1 22.7

Manual Integrations

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Sohil

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#26

2-Nitrophenol

Concen: 41.225 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

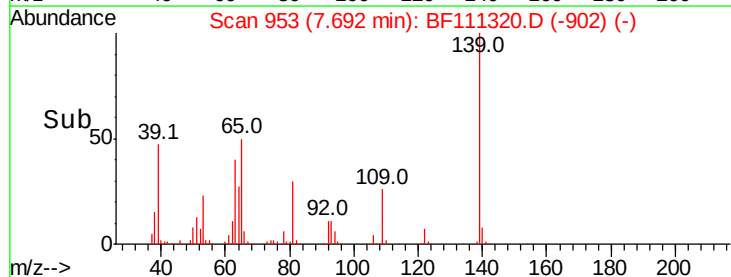
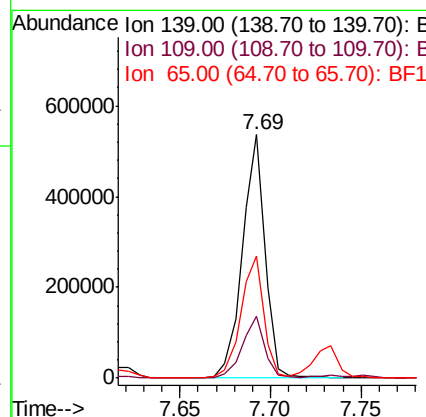
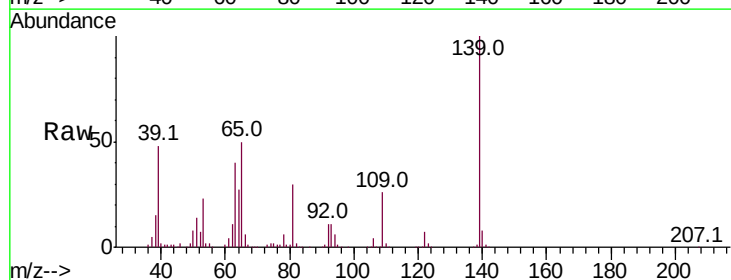
Tgt Ion: 139 Resp: 465941

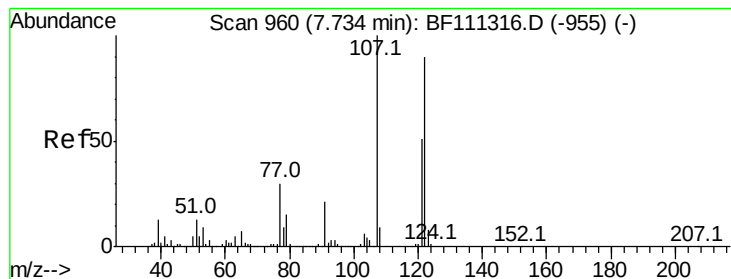
Ion Ratio Lower Upper

139 100

109 25.5 20.2 30.4

65 49.9 40.7 61.1





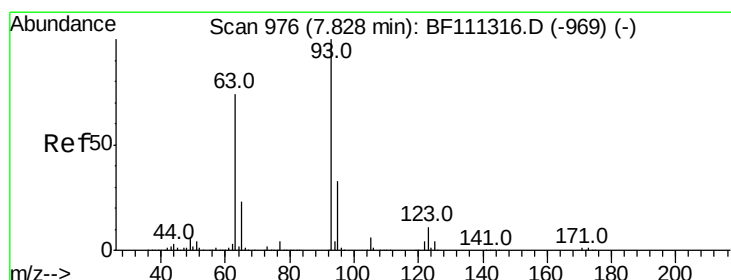
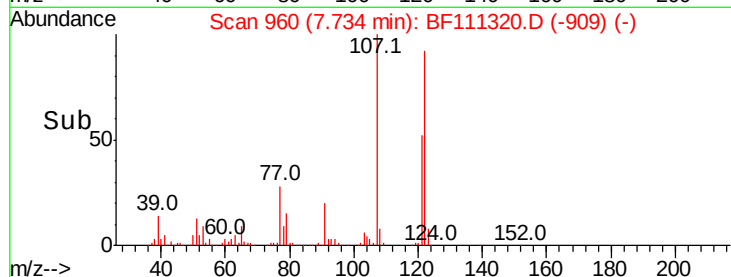
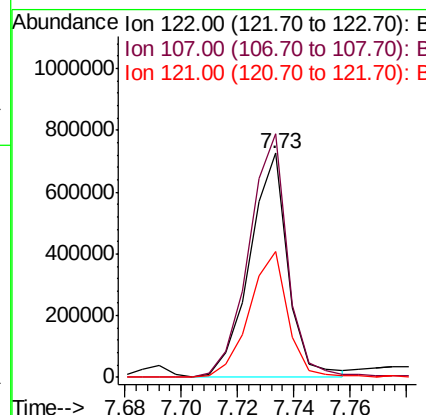
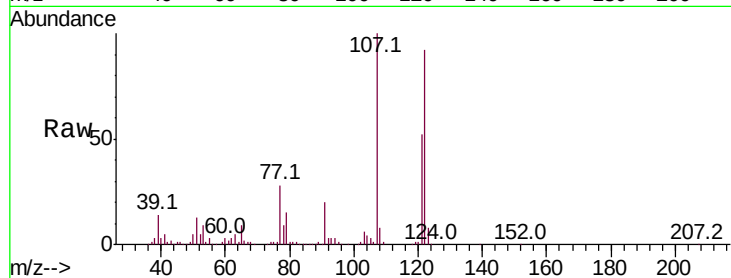
#27
 2,4-Dimethylphenol
 Concen: 40.027 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampled :
 ICVBF121218

Tot Ion	Ratio	Resp	Lower	Upper
122	100	686752		
107	108.6	85.5	128.3	
121	56.3	46.6	70.0	

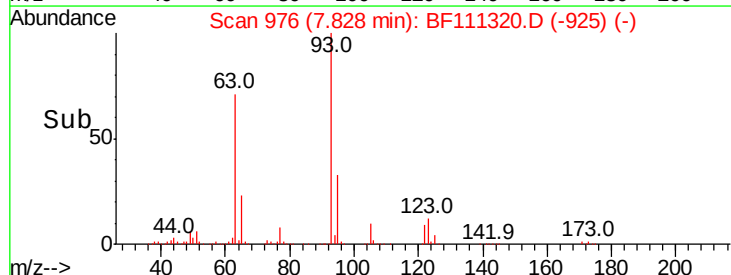
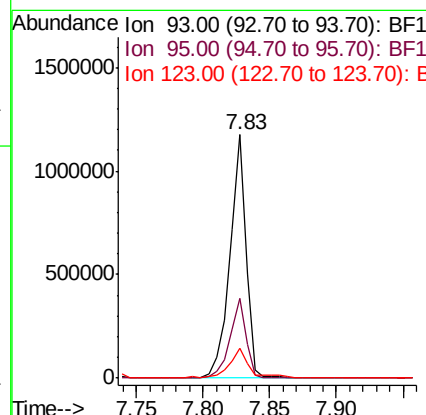
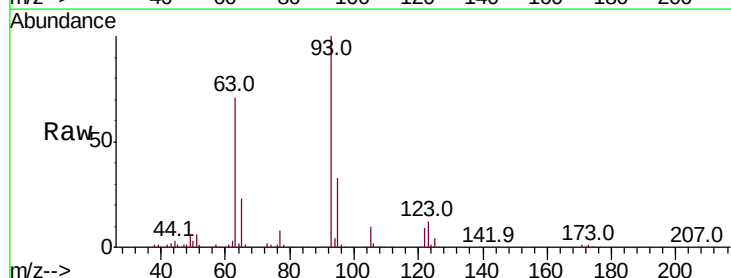
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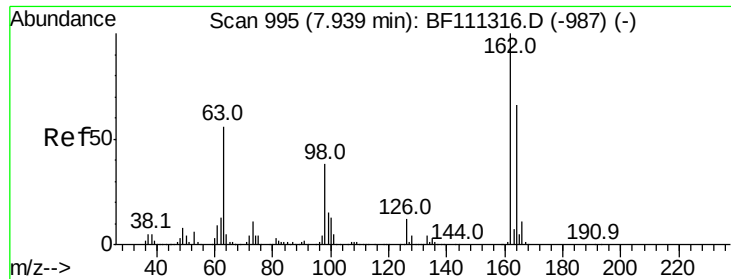
Sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.977 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1014475		
95	32.8	27.1	40.7	
123	12.2	9.9	14.9	





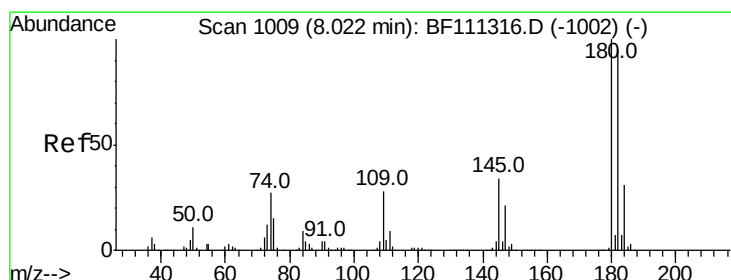
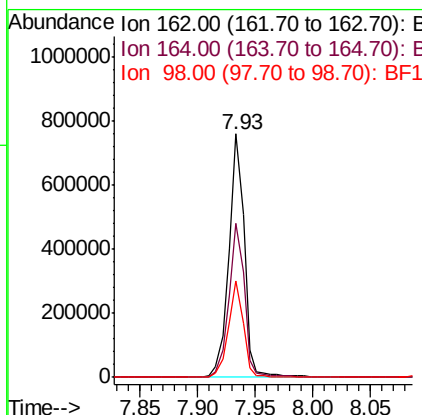
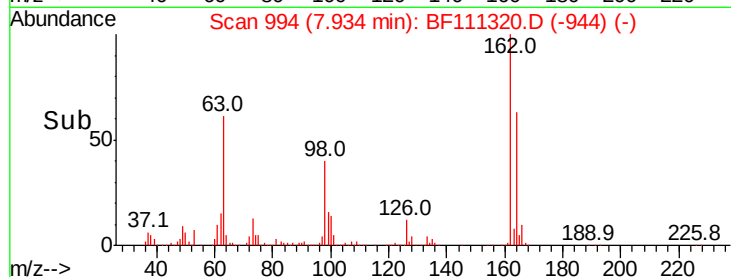
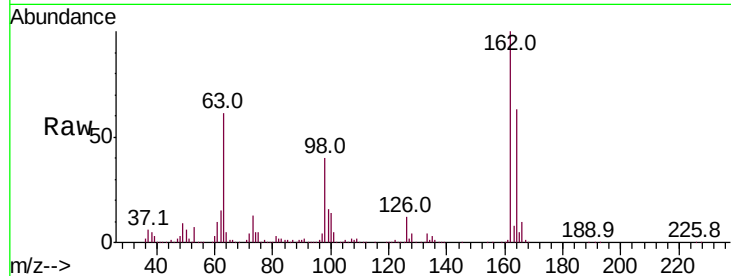
#29
2,4-Dichlorophenol
Concen: 39.554 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Resp	Lower	Upper
162	100	707914		
164	63.3	44.4	84.4	
98	39.8	20.3	60.3	

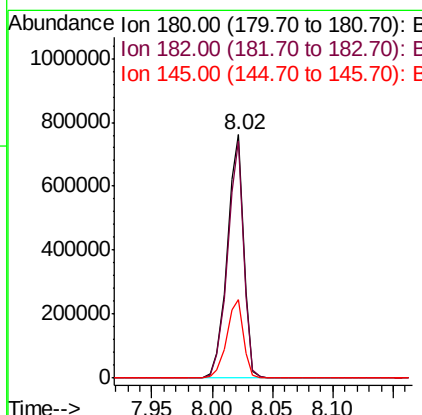
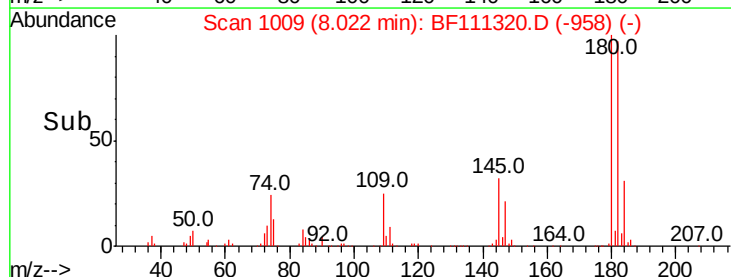
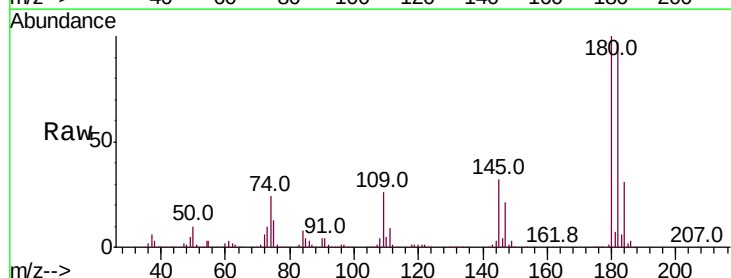
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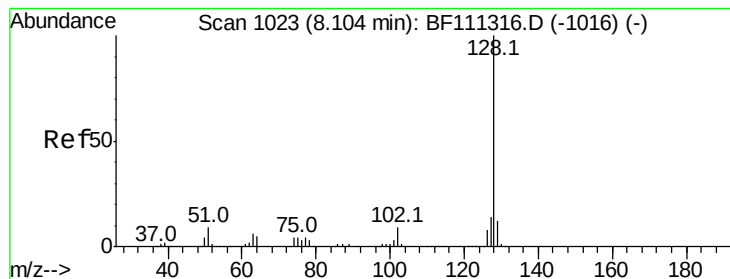
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#30
1,2,4-Trichlorobenzene
Concen: 39.241 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	721634		
182	97.3	75.6	113.4	
145	32.4	26.7	40.1	





#31

Naphthalene

Concen: 39.510 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF121218

Tot Ion:128 Resp: 2316160

Ion Ratio Lower Upper

128 100

129 11.8 9.8 14.8

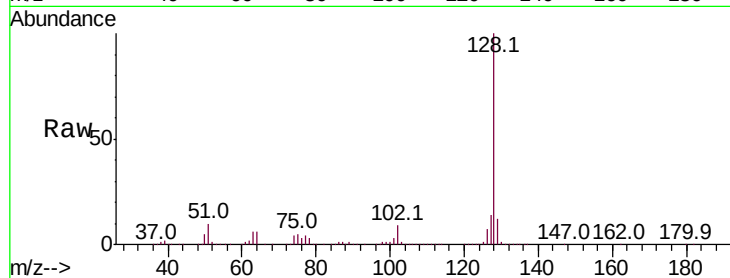
127 13.7 12.0 18.0

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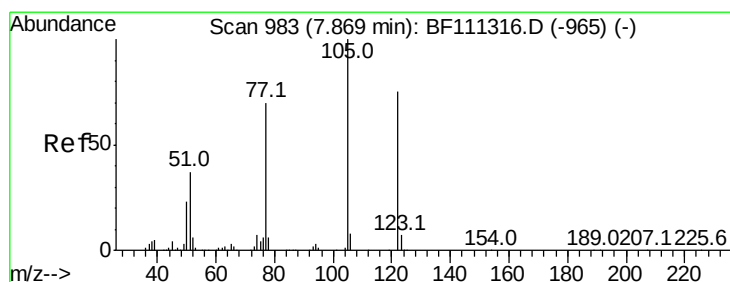
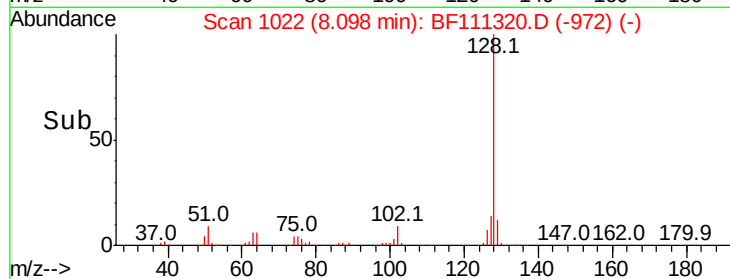
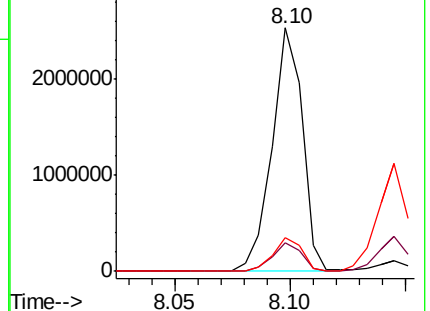
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.620 ng m

RT: 7.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

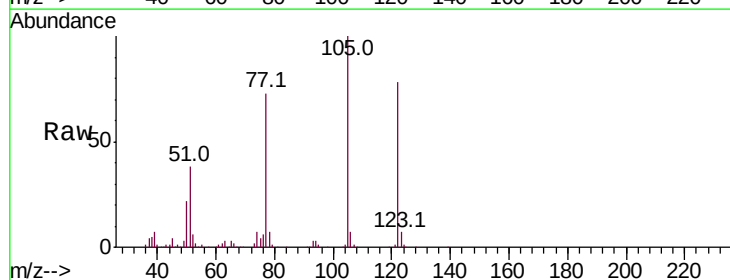
Tgt Ion:122 Resp: 636388

Ion Ratio Lower Upper

122 100

105 128.1 97.0 137.0

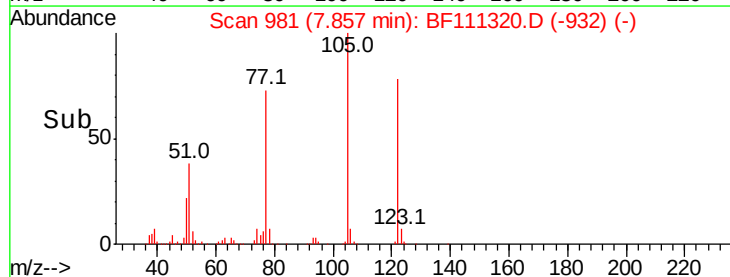
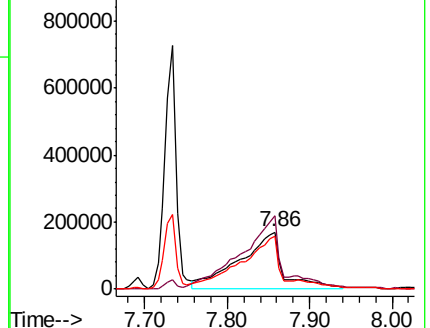
77 93.3 65.7 105.7

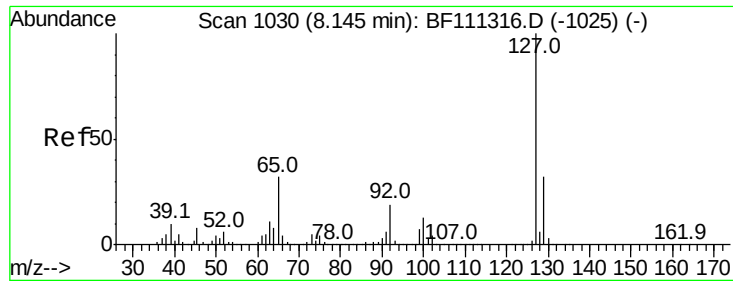


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





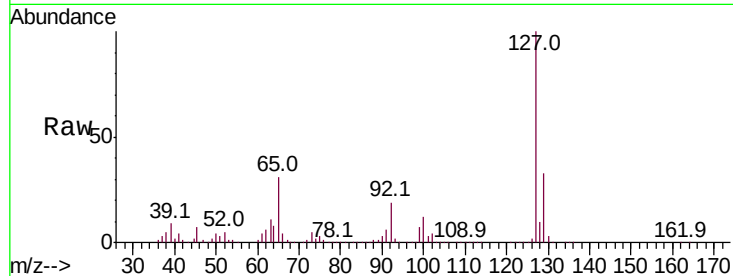
#33
4-Chloroaniline
Concen: 41.724 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	127	Resp	1044588
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	30.8	25.7	38.5
92	19.2	15.4	23.2

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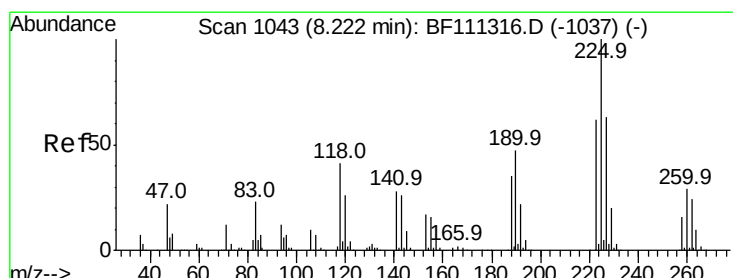
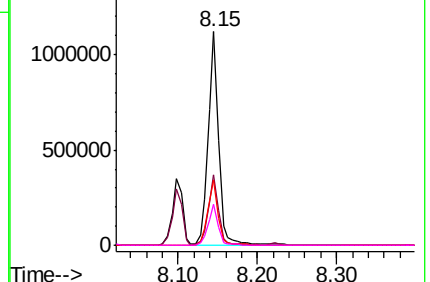
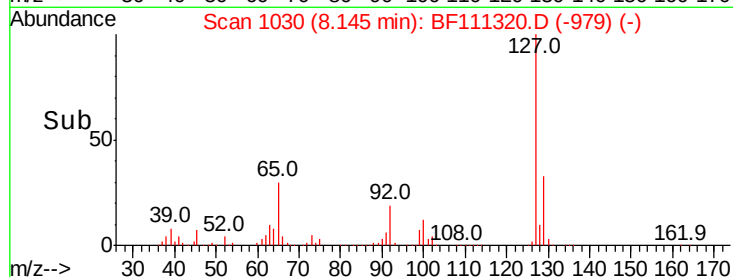
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

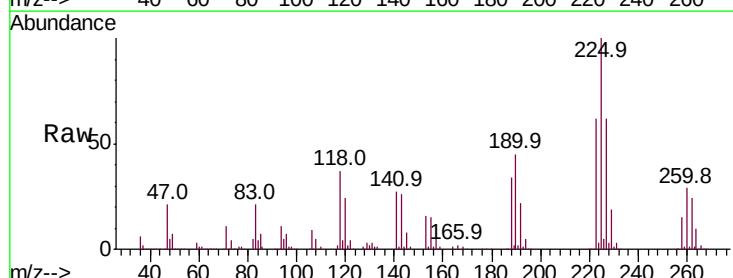
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.260 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	225	Resp	400525
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.7	76.1
227	61.8	52.6	78.8

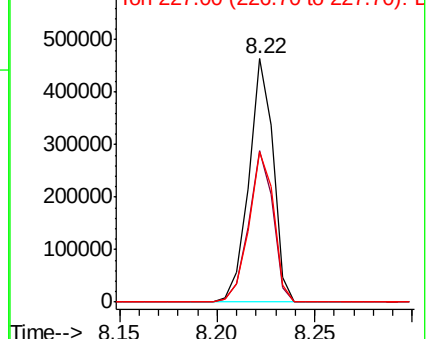
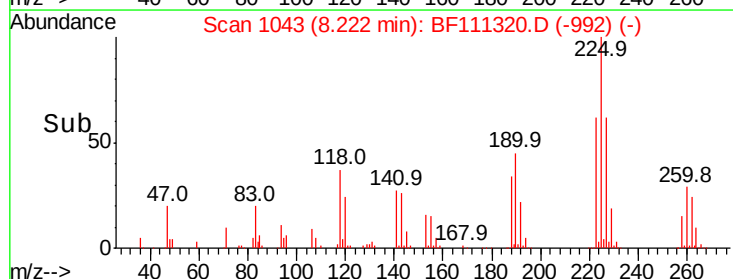


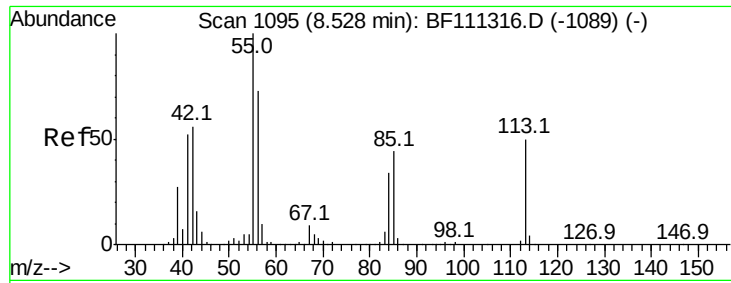
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





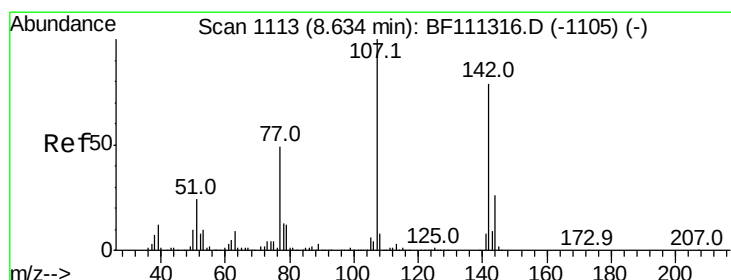
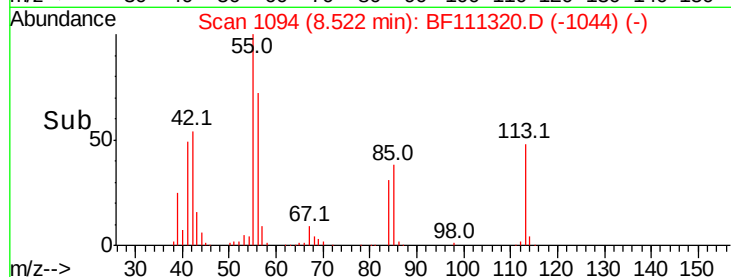
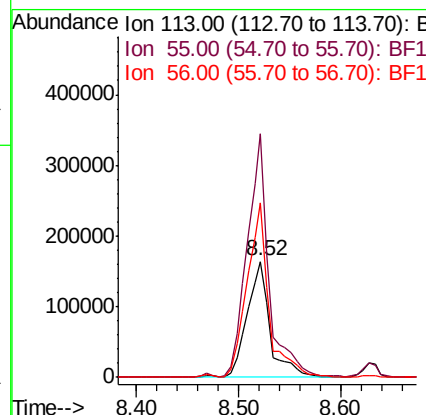
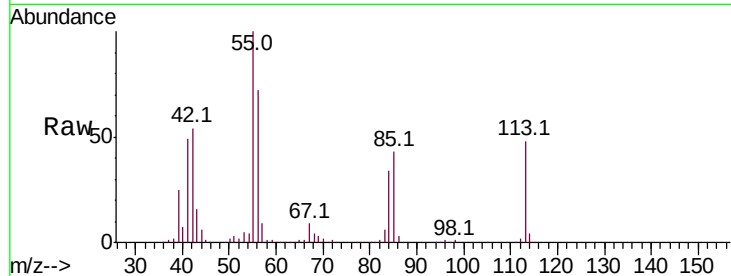
#35
 Caprolactam
 Concen: 40.973 ng/ml
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121218

Tot Ion	Ratio	Lower	Upper
113	100		
55	209.9	184.1	224.1
56	150.5	126.0	166.0

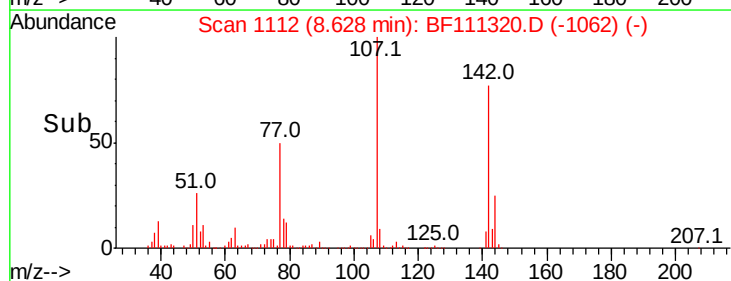
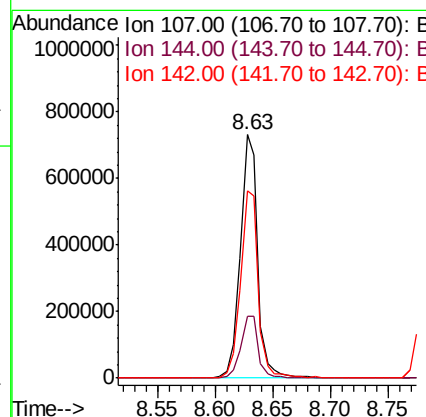
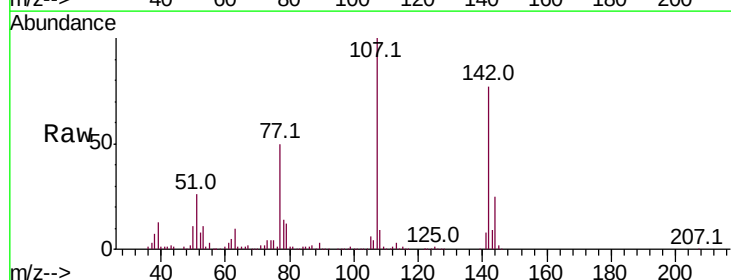
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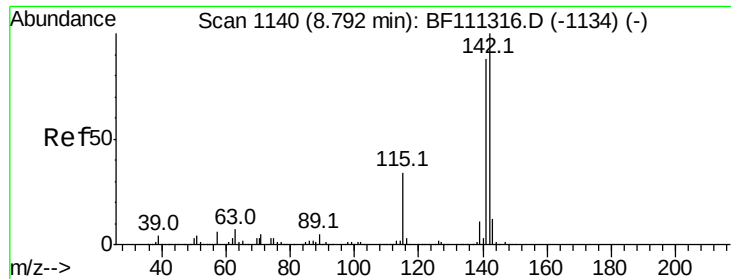
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#36
 4-Chloro-3-methylphenol
 Concen: 39.879 ng/ml
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	19.8	29.6
142	77.1	62.3	93.5





#37

2-Methylnaphthalene

Concen: 39.312 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

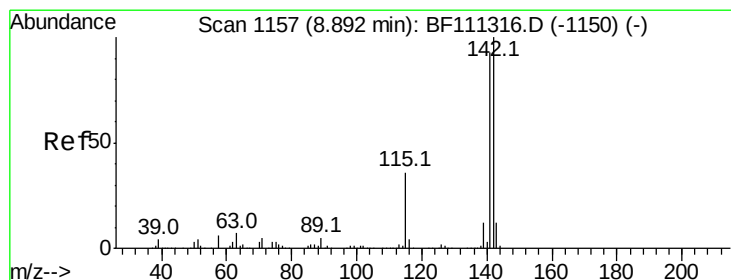
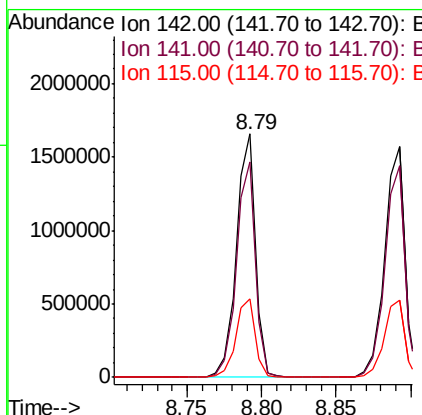
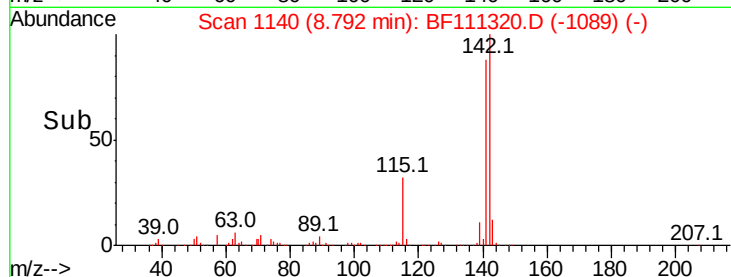
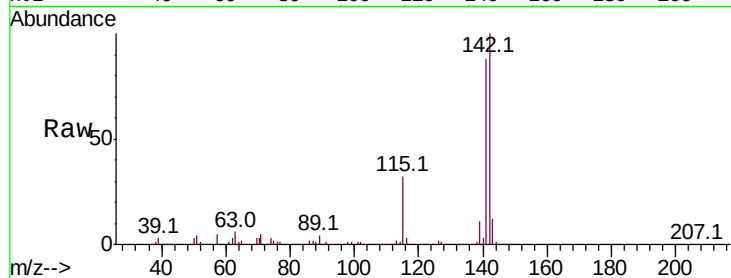
Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion:142 Resp: 1489724

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	105.8
115	32.5	27.0	40.6

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#38

1-Methylnaphthalene

Concen: 39.441 ng

RT: 8.89 min Scan# 1157

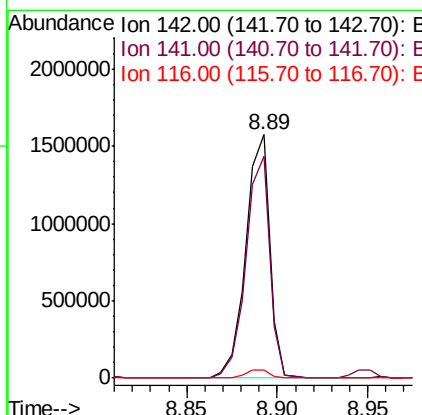
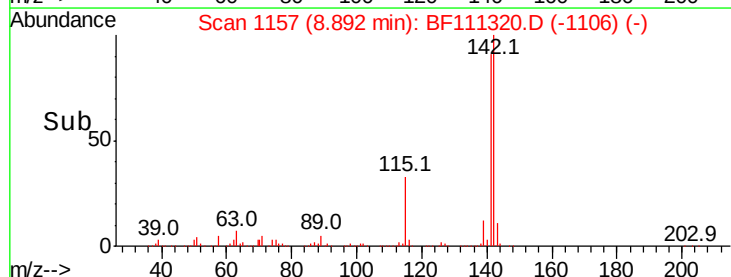
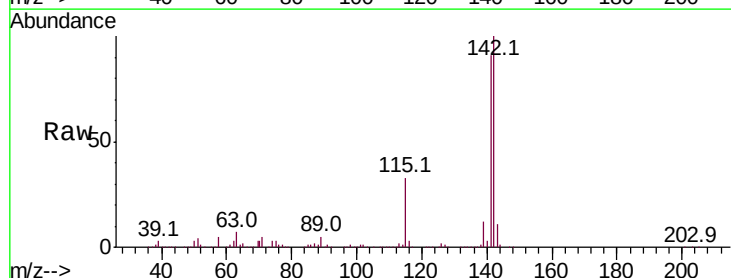
Delta R.T. 0.00 min

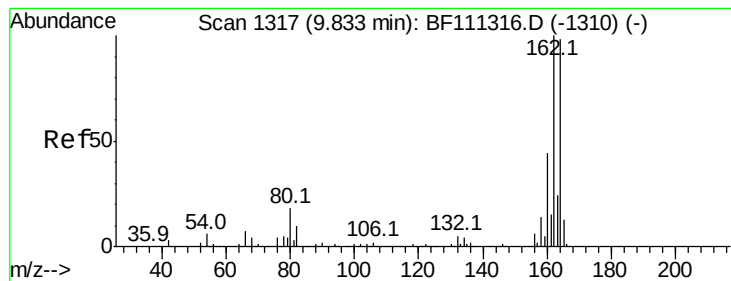
Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:142 Resp: 1442527

Ion	Ratio	Lower	Upper
142	100		
141	91.3	74.2	111.4
116	3.4	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

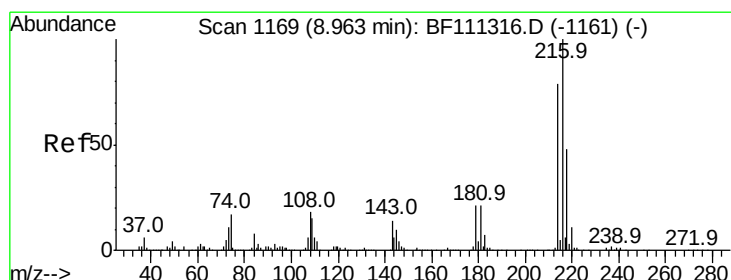
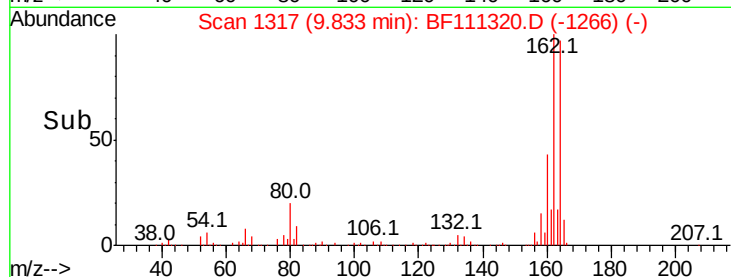
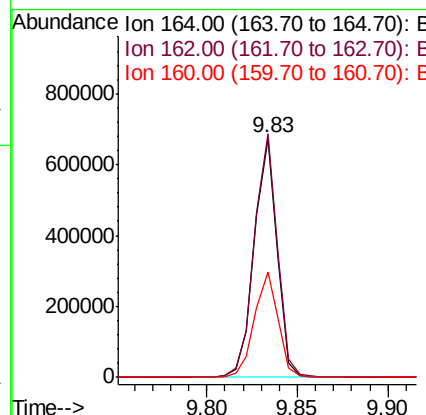
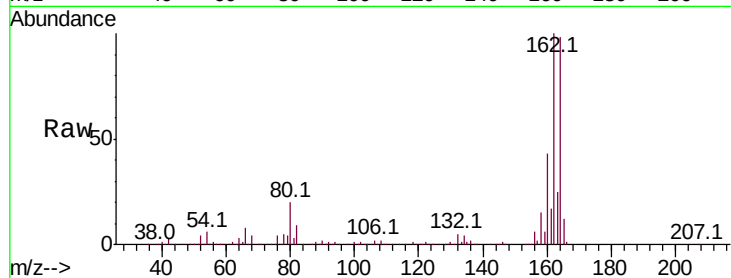
ClientSampleId :

ICVBF121218

Tot Ion:	164	Resp:	587848
Ion Ratio	Lower	Upper	
164	100		
162	102.1	81.4	122.0
160	44.1	35.7	53.5

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.602 ng

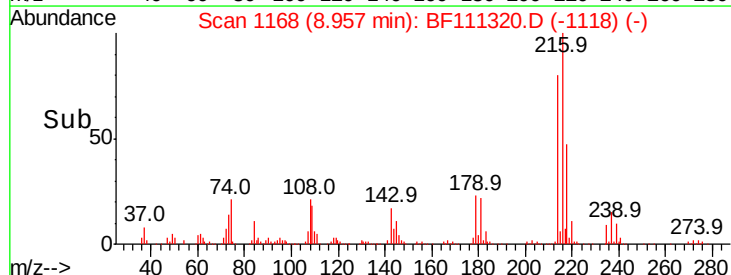
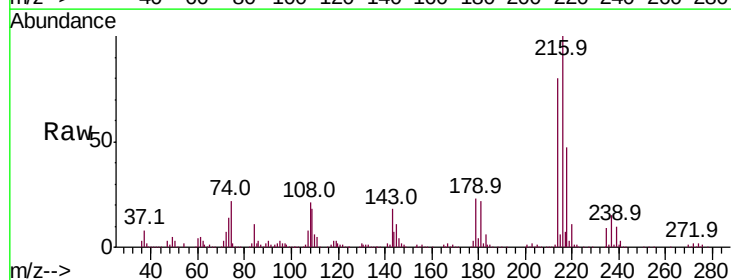
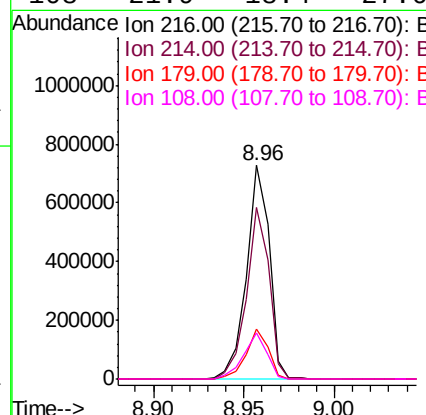
RT: 8.96 min Scan# 1168

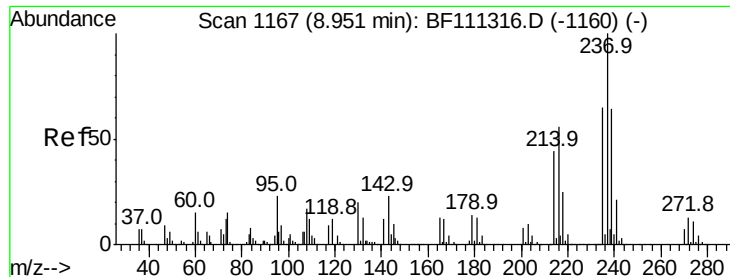
Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:	216	Resp:	637849
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.8
179	22.6	17.9	26.9
108	21.9	18.4	27.6





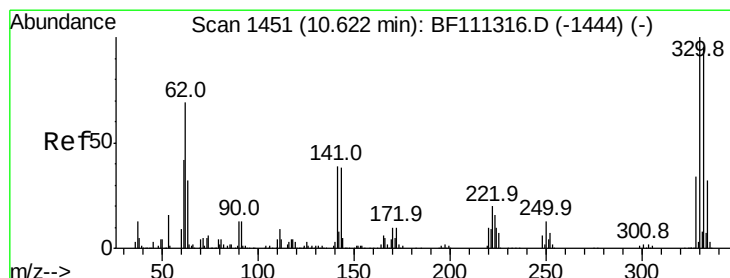
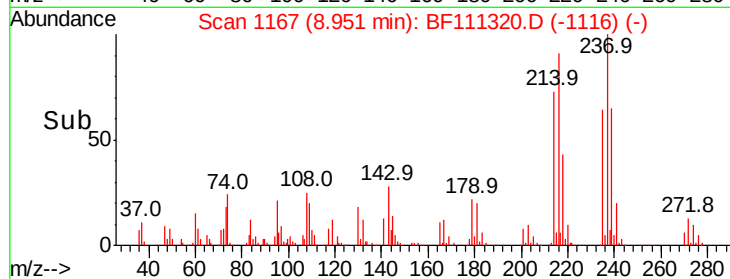
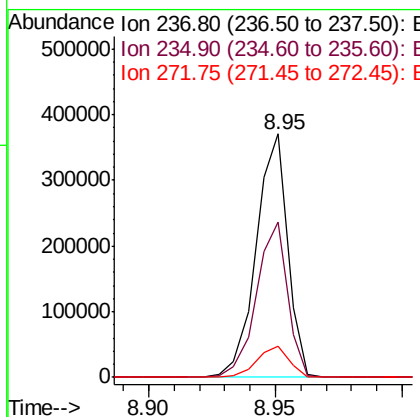
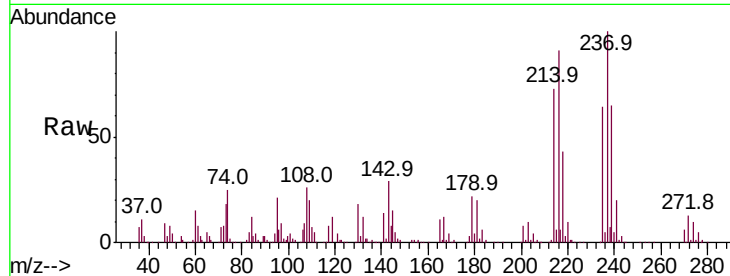
#41
Hexachlorocyclopentadiene
Concen: 37.475 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.8	43.1	83.1
272	12.8	0.0	33.0

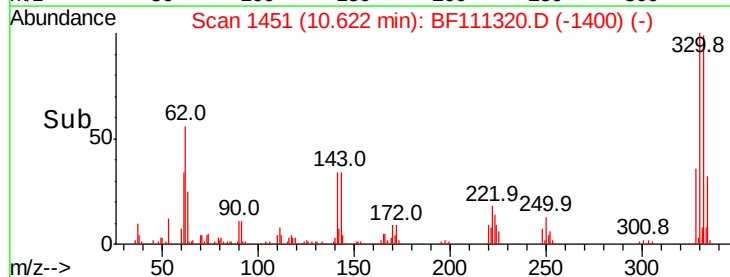
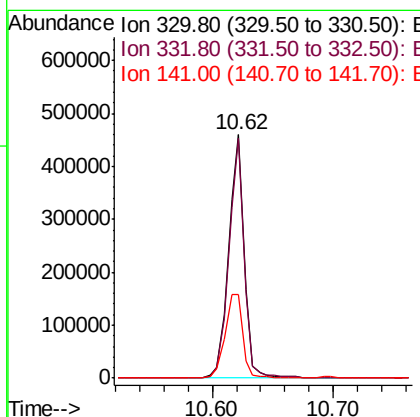
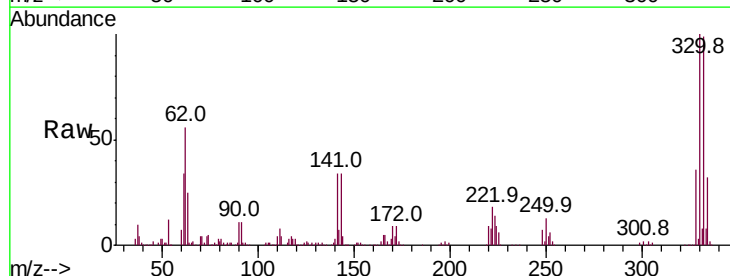
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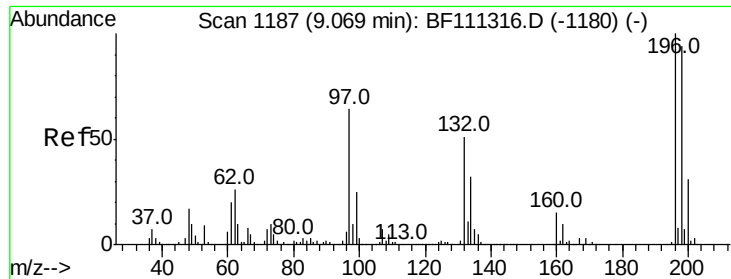
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#42
2,4,6-Tribromophenol
Concen: 79.402 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.7	76.0	114.0
141	39.4	31.0	46.6





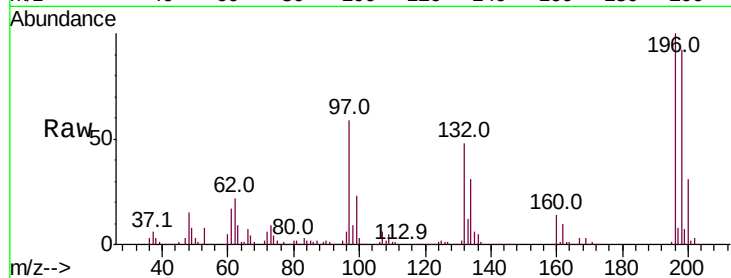
#43
 2,4,6-Trichlorophenol
 Concen: 39.667 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121218

Tot Ion	Ratio	Resp	Lower	Upper
196	100	469138		
198	92.1	76.3	114.5	
200	30.7	24.9	37.3	

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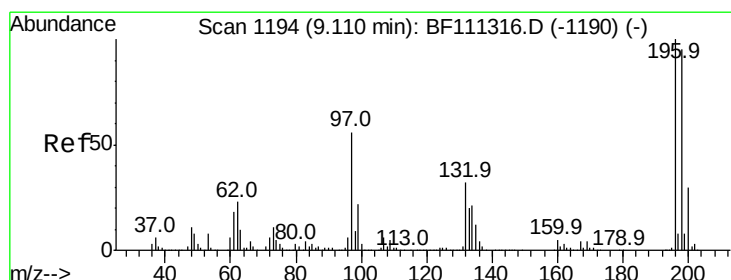
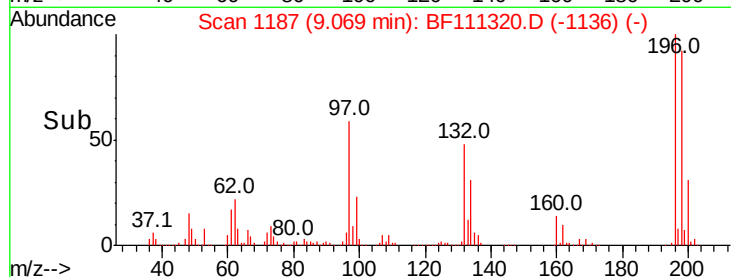
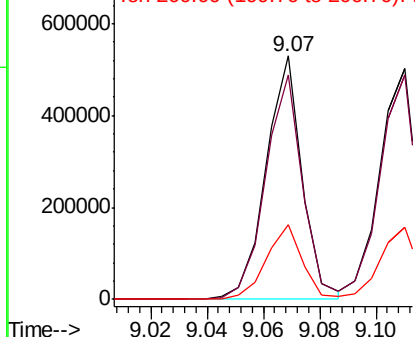


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 39.085 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	488529		
198	96.8	72.9	109.3	
97	52.2	45.3	67.9	
132	31.1	25.5	38.3	

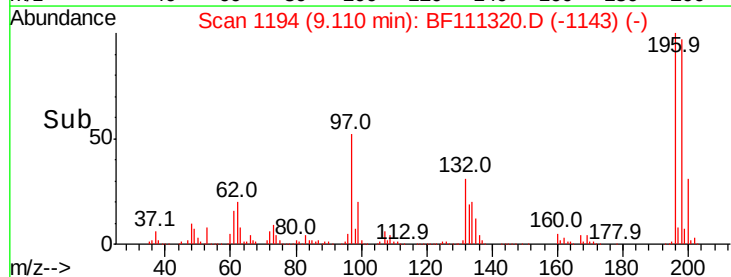
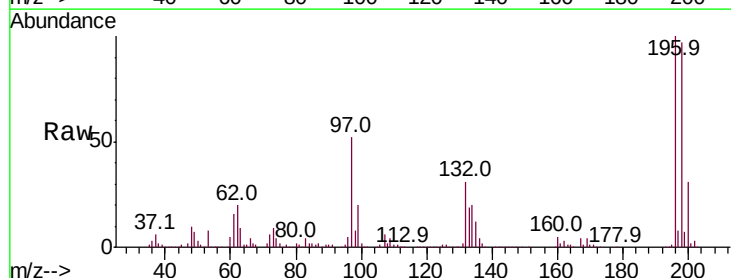
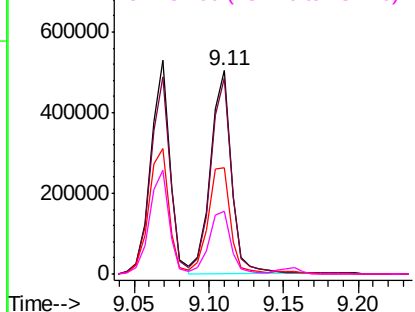
Abundance

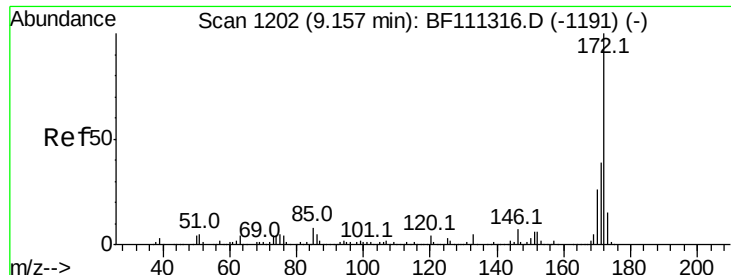
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





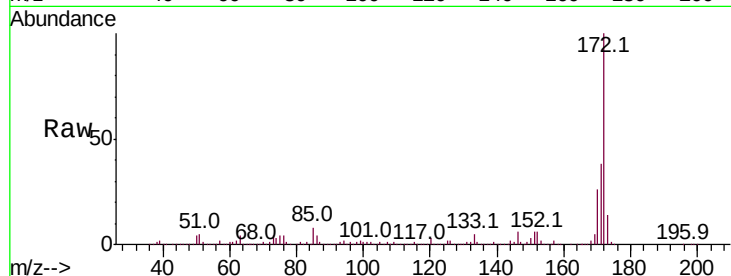
#45
2-Fluorobiphenyl
Concen: 80.195 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

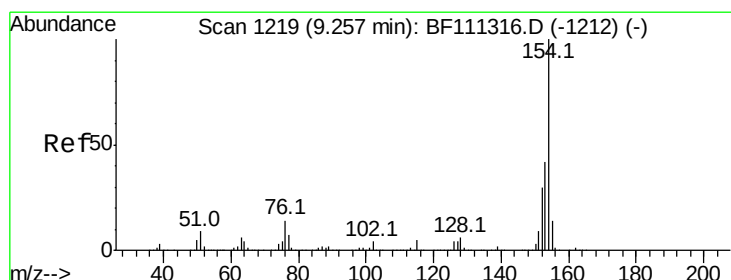
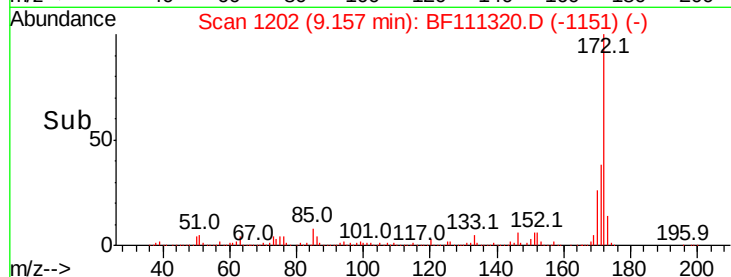
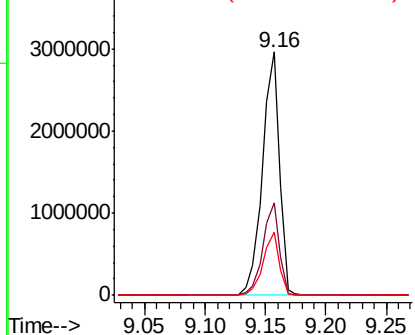
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	33.0	49.4
170	25.9	22.3	33.5

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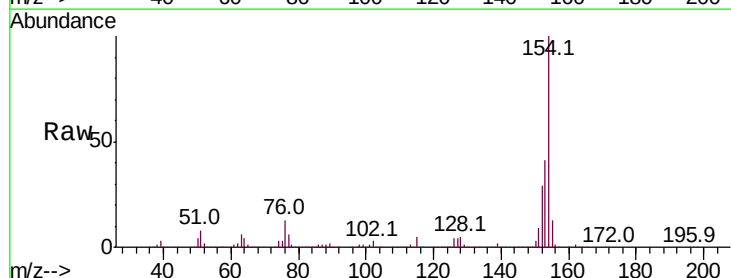


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

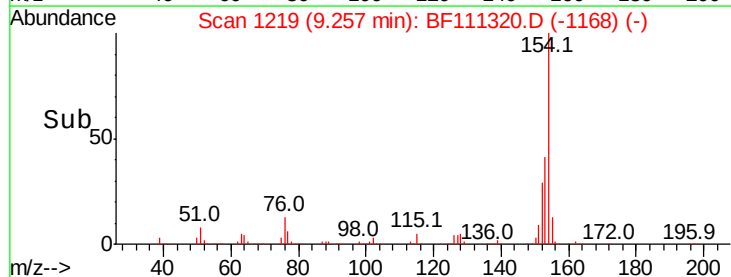
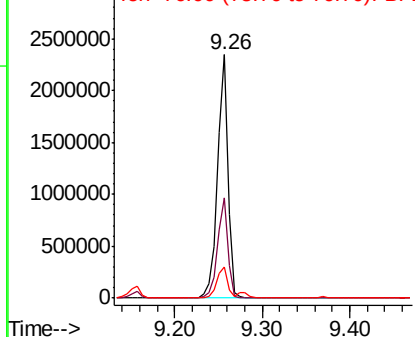


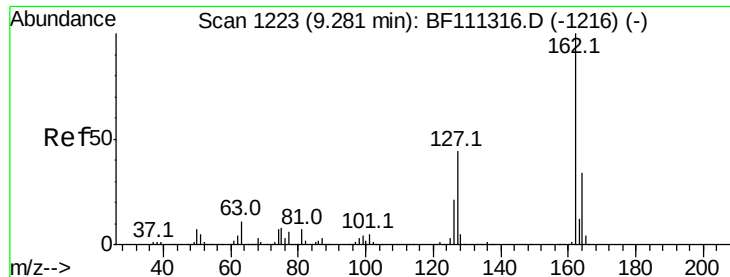
#46
1,1'-Biphenyl
Concen: 38.717 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	23.7	63.7
76	13.0	0.0	35.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





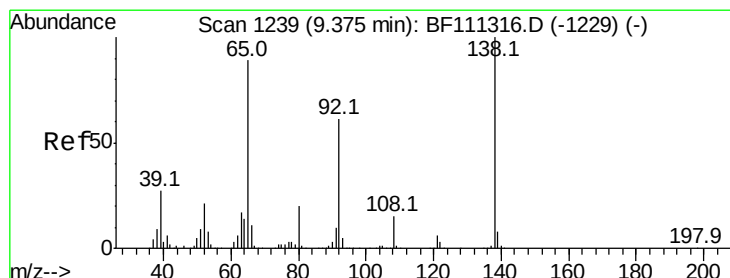
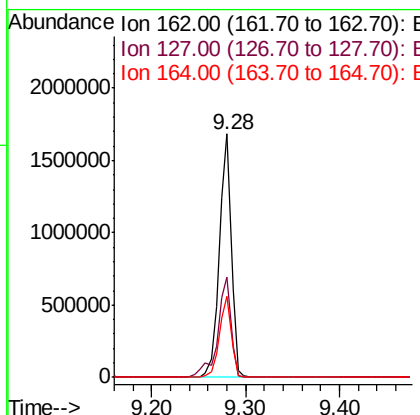
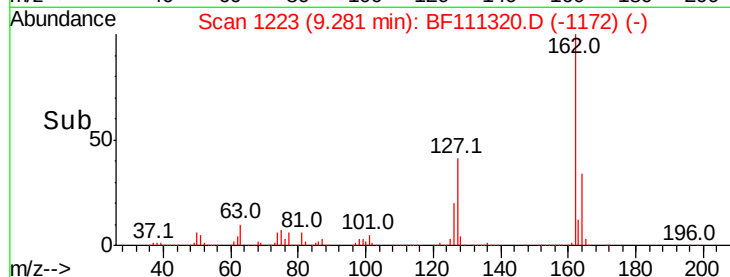
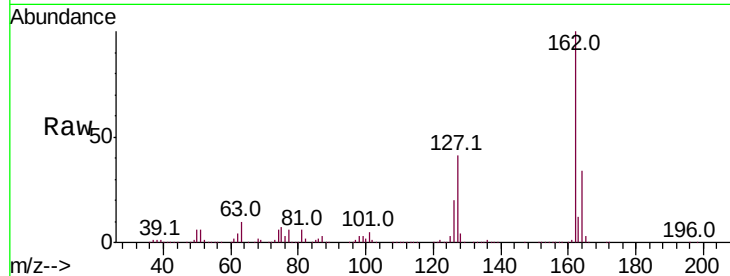
#47
 2-Chloronaphthalene
 Concen: 39.249 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121218

Tot Ion:	162	Resp:	1507631
Ion Ratio	Lower	Upper	
162	100		
127	41.4	35.0	52.4
164	33.5	28.4	42.6

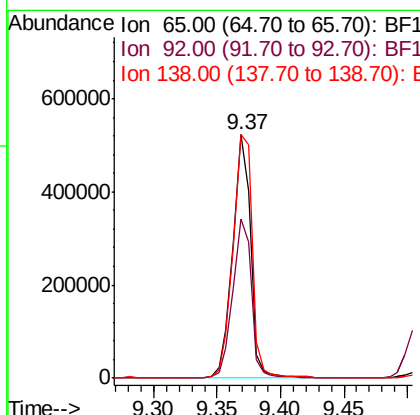
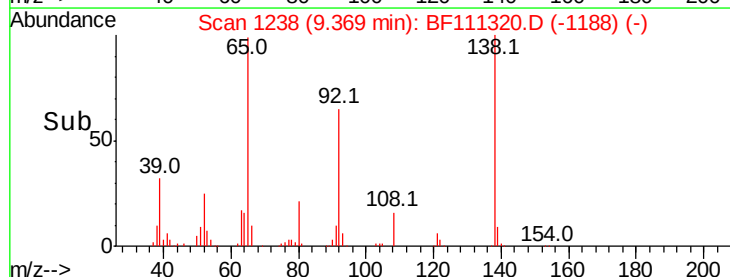
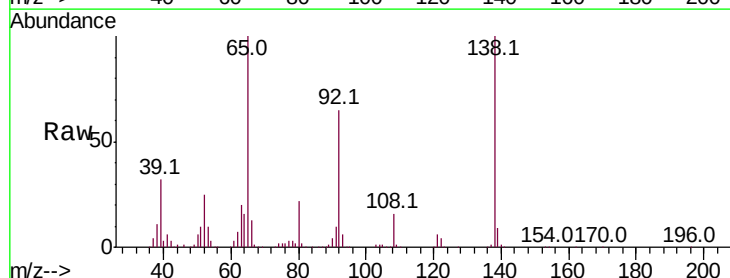
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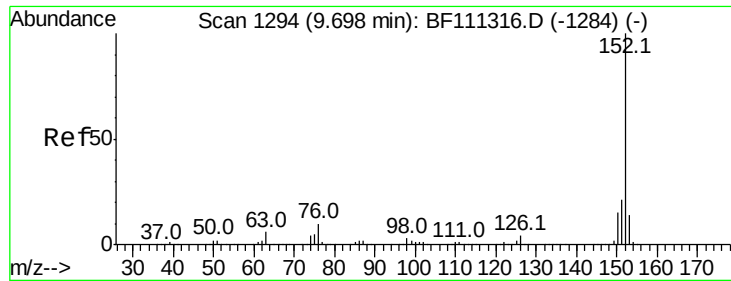
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#48
 2-Nitroaniline
 Concen: 40.749 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion:	65	Resp:	508637
Ion Ratio	Lower	Upper	
65	100		
92	65.3	53.5	80.3
138	100.1	80.9	121.3





#49

Acenaphthylene

Concen: 39.435 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF121218

Tot Ion:152 Resp: 2213067

Ion Ratio Lower Upper

152 100

151 21.2 18.0 27.0

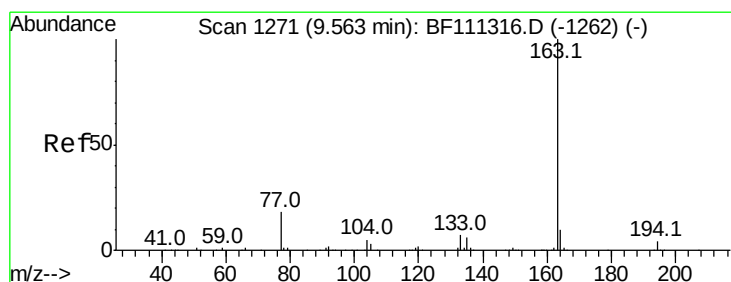
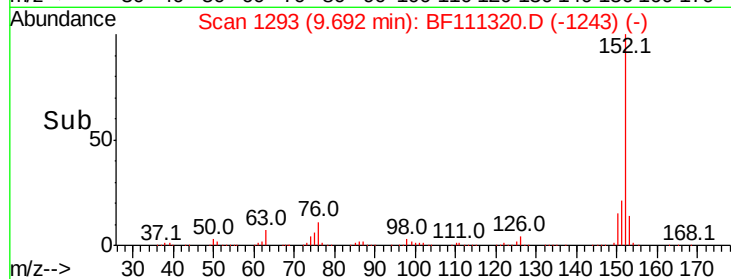
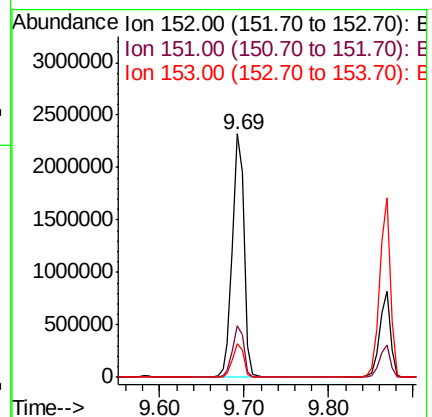
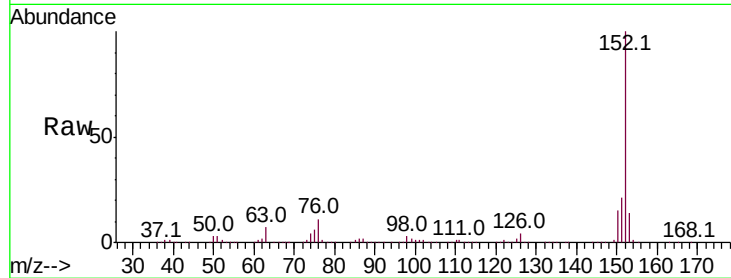
153 14.0 12.3 18.5

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#50

Dimethylphthalate

Concen: 39.250 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

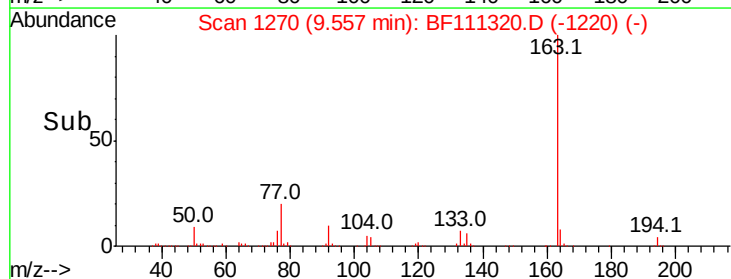
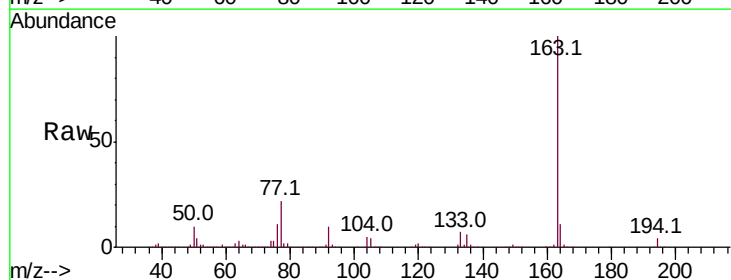
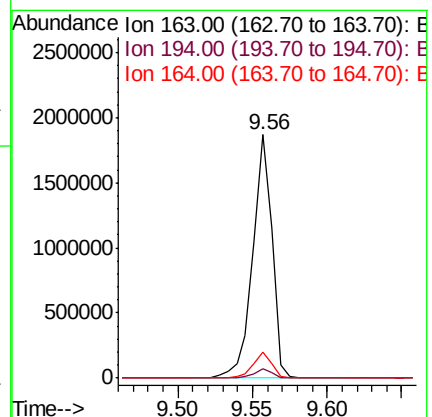
Tgt Ion:163 Resp: 1659208

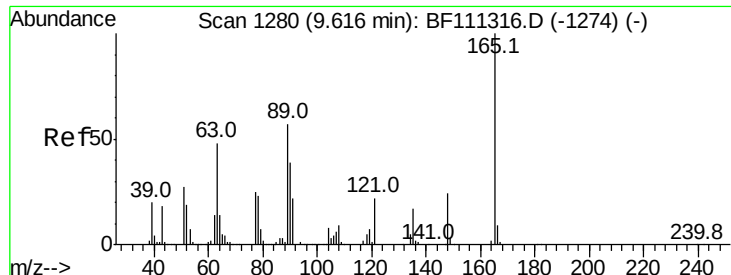
Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

164 10.6 8.9 13.3





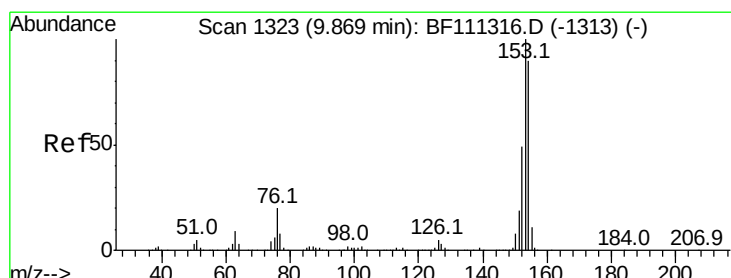
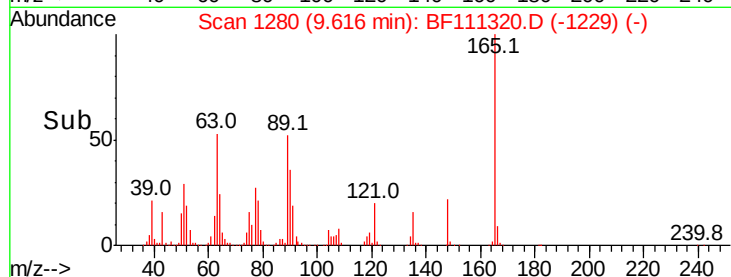
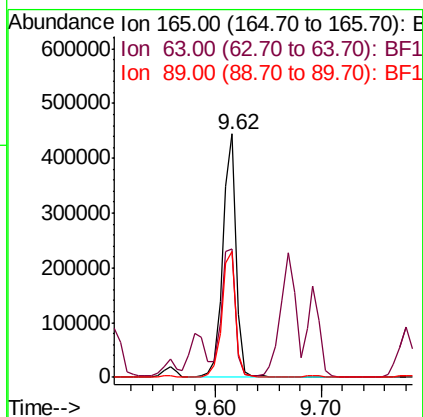
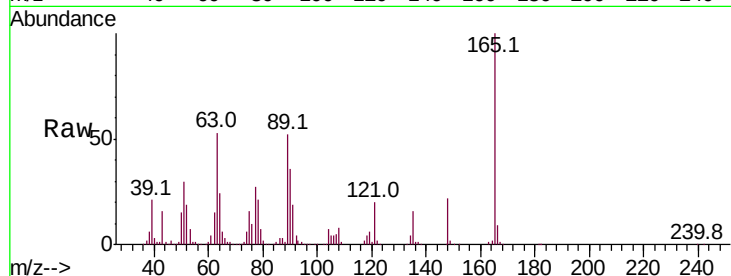
#51
2,6-Dinitrotoluene
Concen: 41.912 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Resp	Lower	Upper
165	100	392725		
63	52.9		40.5	60.7
89	51.6		40.0	60.0

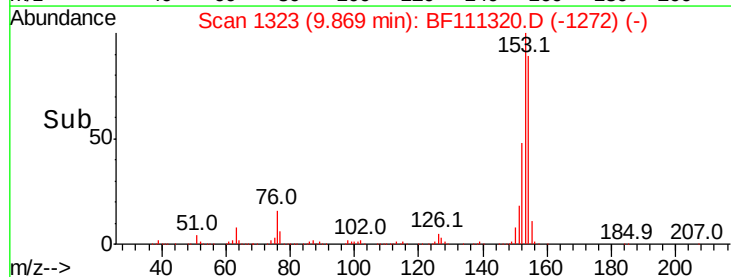
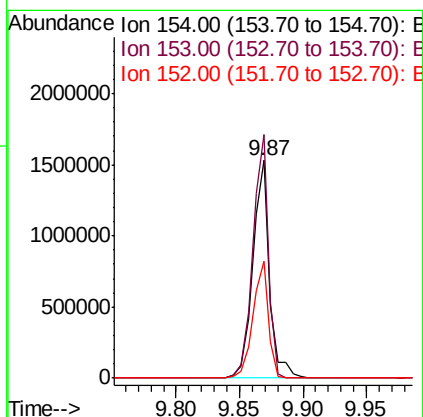
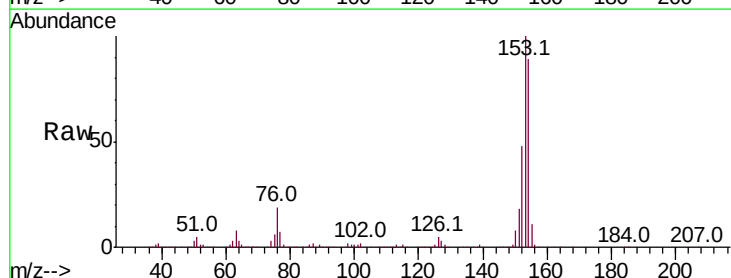
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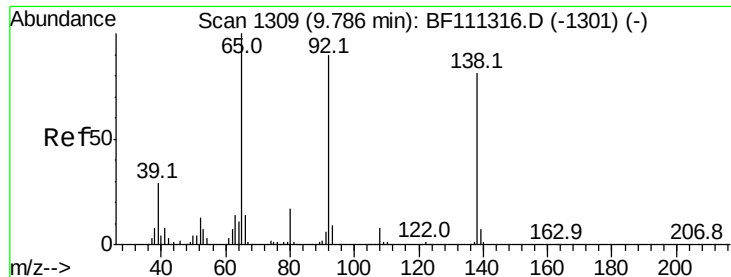
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12/13/2018 6:05:59 PM



#52
Acenaphthene
Concen: 39.935 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1413559		
153	111.8		87.8	131.8
152	54.0		43.4	65.2





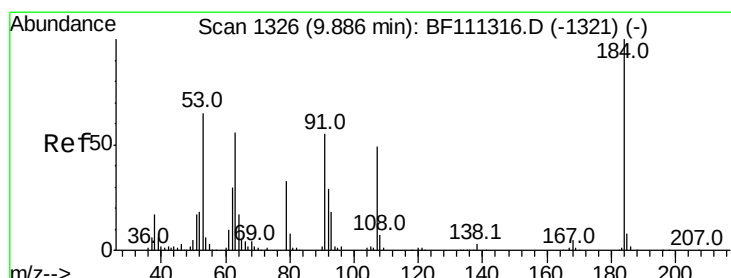
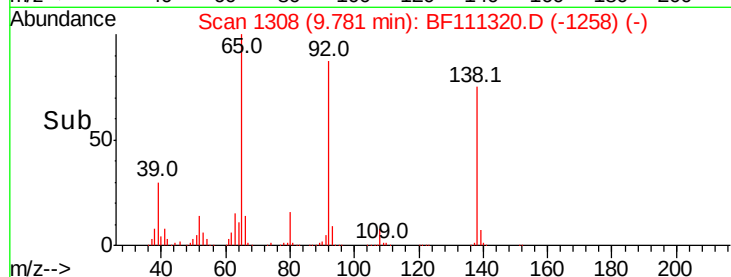
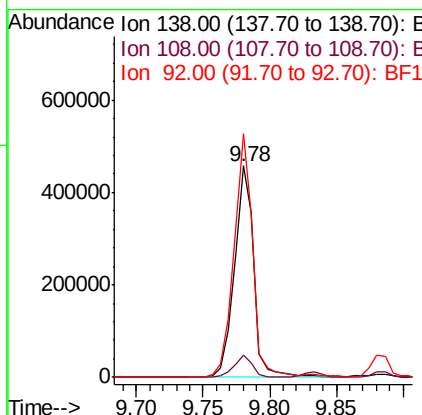
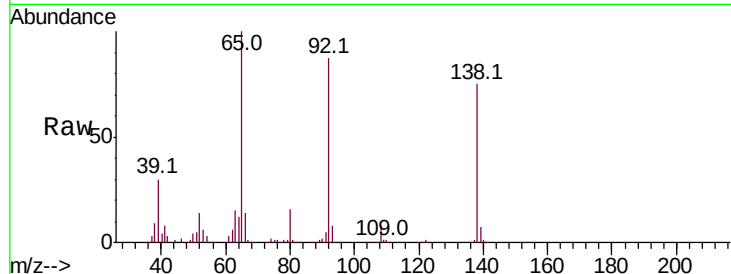
#53
3-Nitroaniline
Concen: 41.256 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.4
92	115.4	93.4	140.2

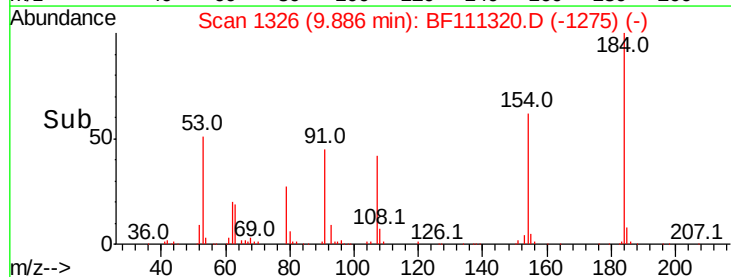
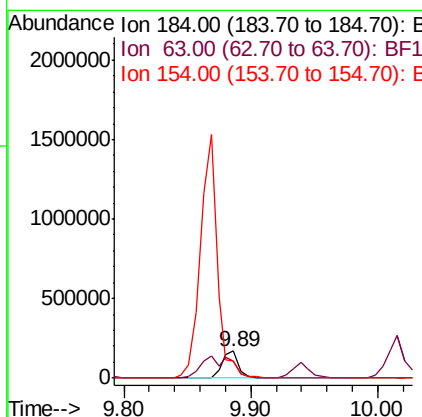
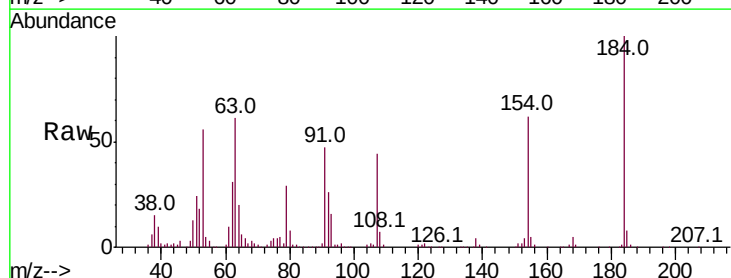
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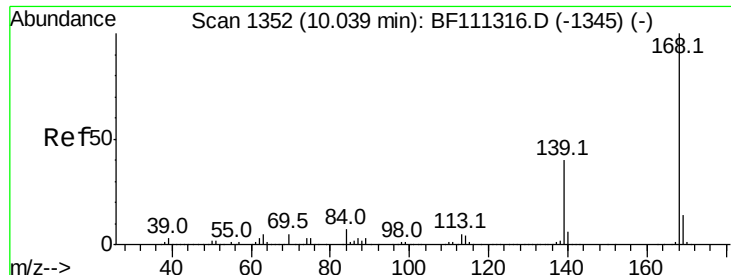
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#54
2,4-Dinitrophenol
Concen: 44.094 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.3	62.3	93.5#
154	62.5	56.2	84.2





#55

Dibenzenofuran

Concen: 39.485 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF121218

Tot Ion:168 Resp: 2017659

Ion Ratio Lower Upper

168 100

139 39.1 32.6 49.0

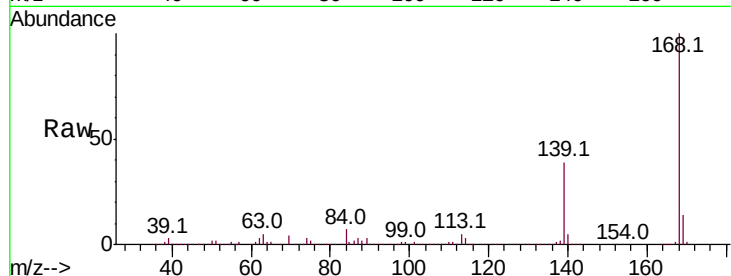
169 13.8 11.8 17.6

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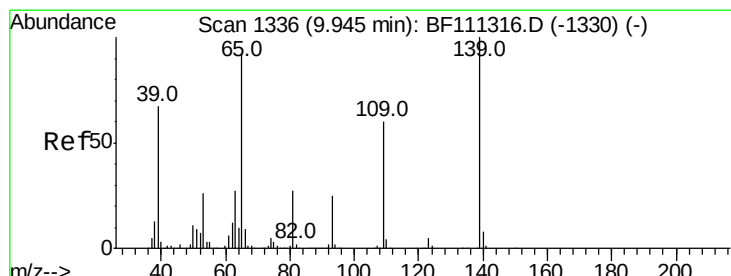
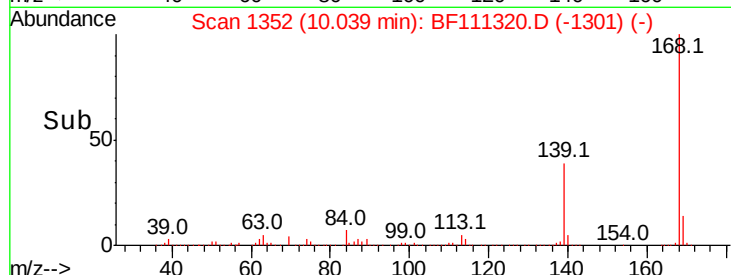
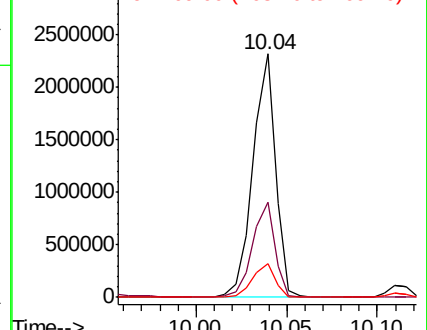


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 43.302 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

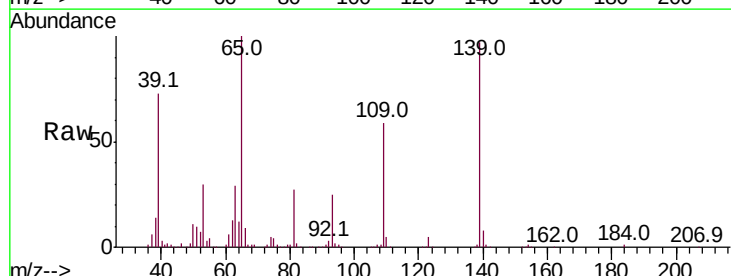
Tgt Ion:139 Resp: 351216

Ion Ratio Lower Upper

139 100

109 60.4 41.8 81.8

65 103.1 79.6 119.6

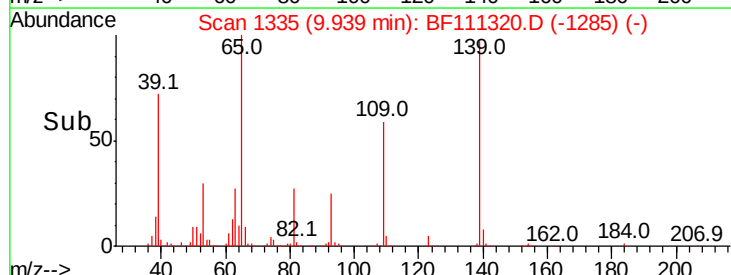
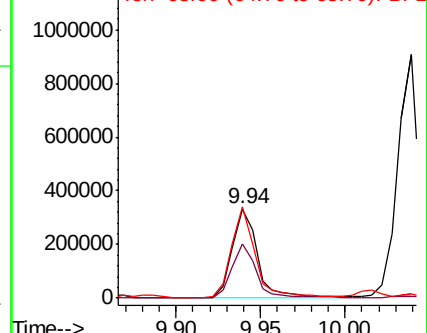


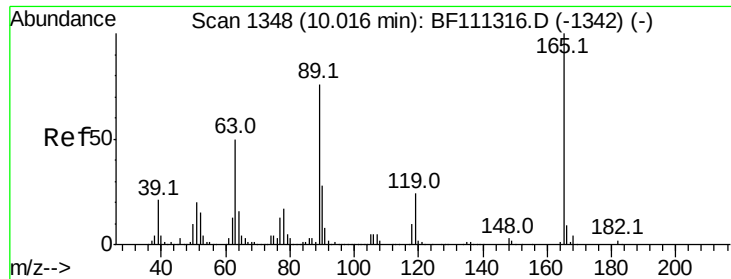
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





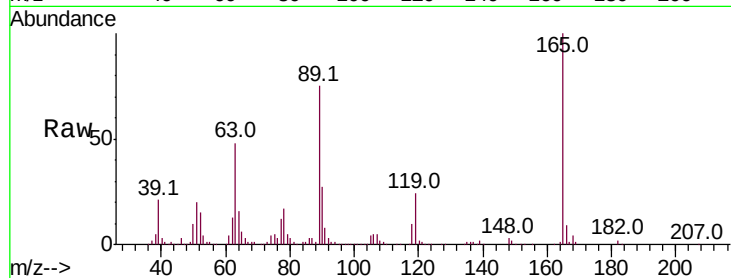
#57
2,4-Dinitrotoluene
Concen: 42.263 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Resp	Lower	Upper
165	100	507544		
63	48.1	34.6	52.0	
89	74.7	56.2	84.4	
182	2.3	1.8	2.6	

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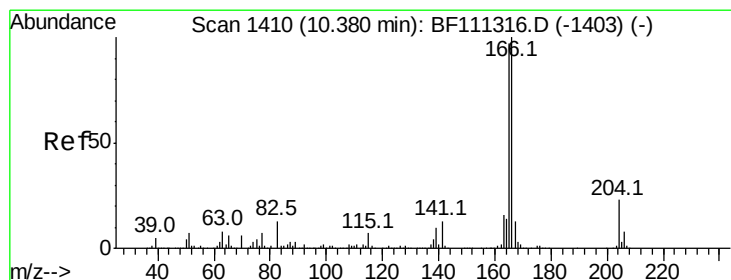
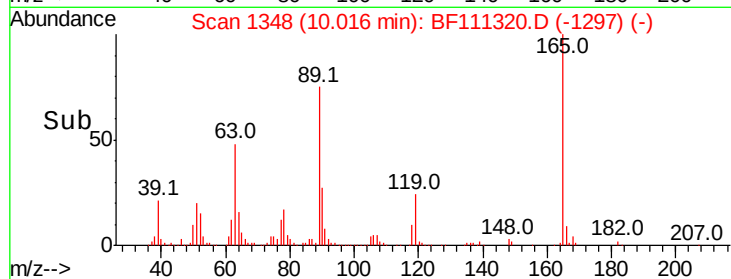
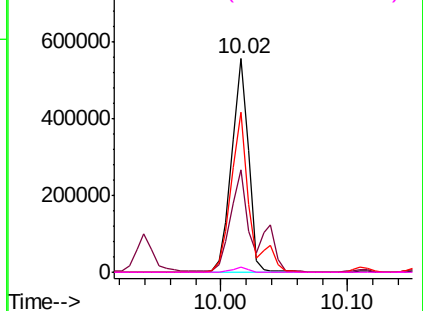
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

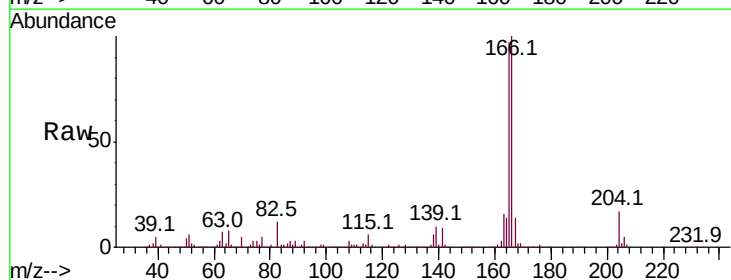
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.933 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1423169		
165	97.5	78.4	117.6	
167	13.8	11.2	16.8	

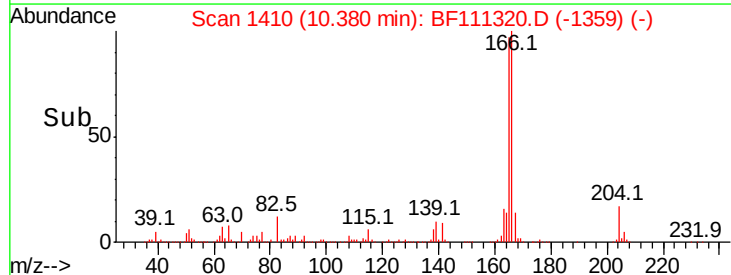
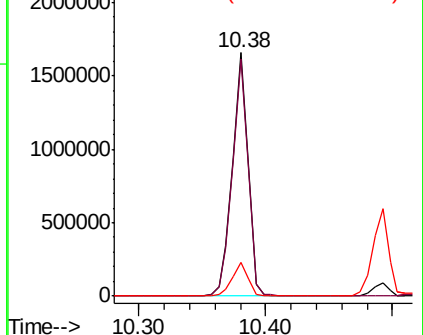


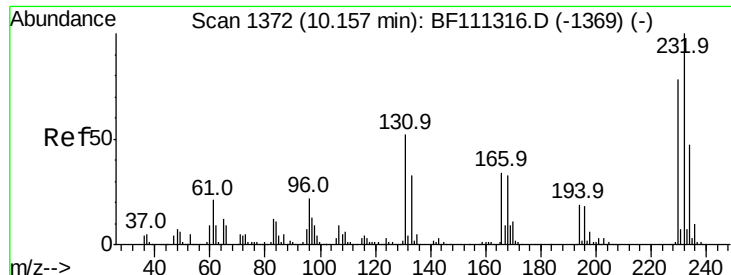
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 39.807 ng

RT: 10.16 min Scan# 1372

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

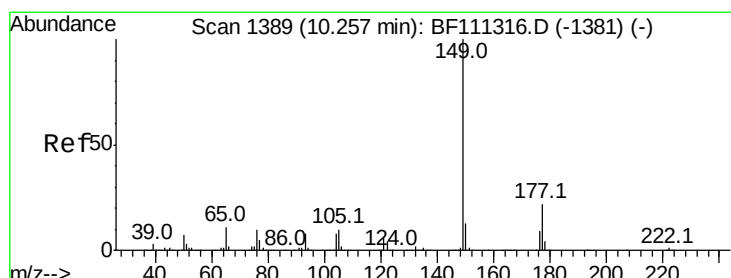
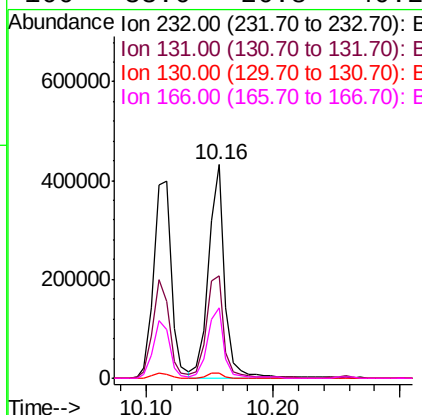
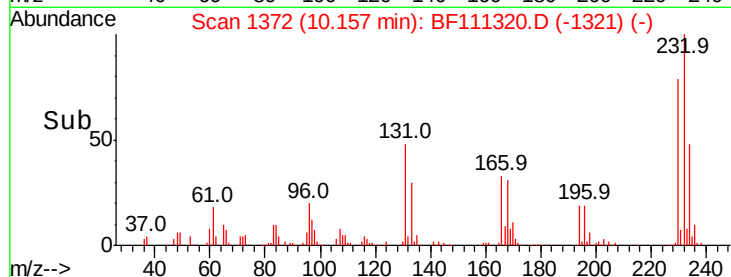
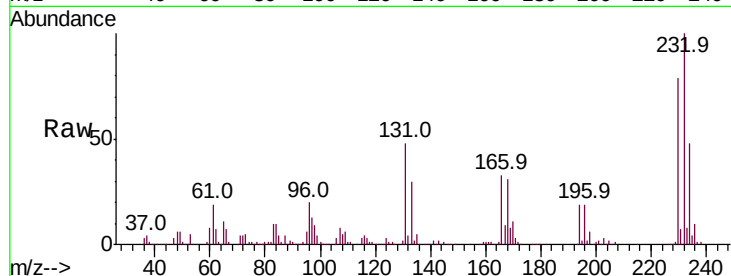
ClientSampleId :

ICVBF121218

Tot Ion	Ratio	Resp	Lower	Upper
232	100	384371		
131	51.9		40.9	61.3
130	2.6		2.0	3.0
166	33.6		26.8	40.2

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#60

Diethylphthalate

Concen: 40.028 ng

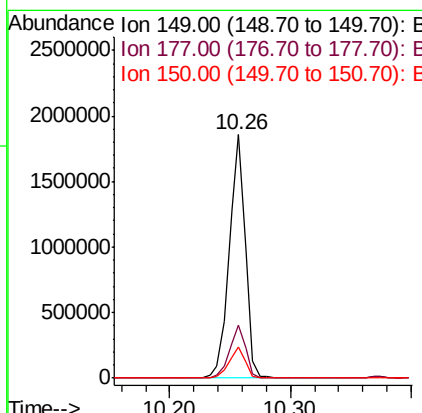
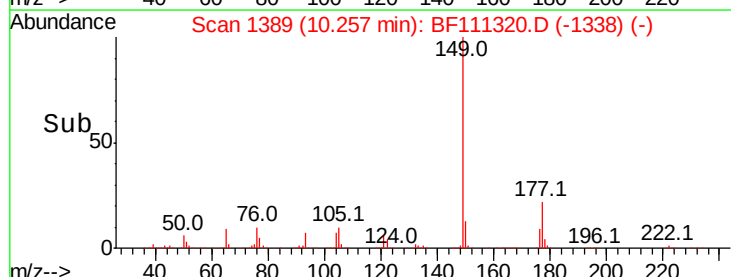
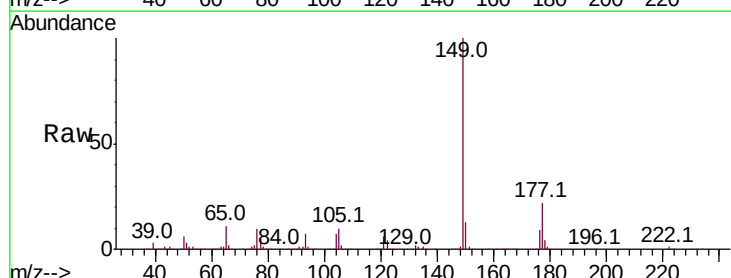
RT: 10.26 min Scan# 1389

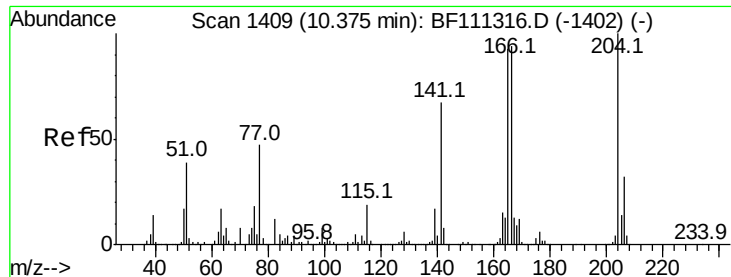
Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1703506		
177	22.0		18.3	27.5
150	12.8		10.6	15.8





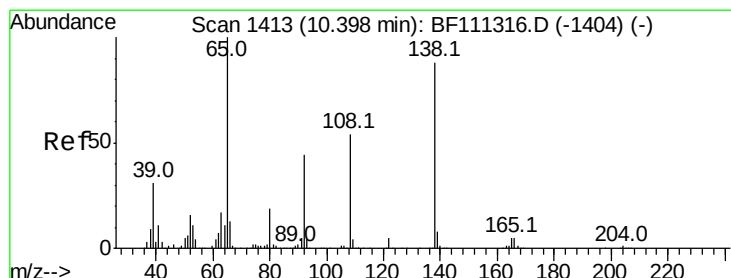
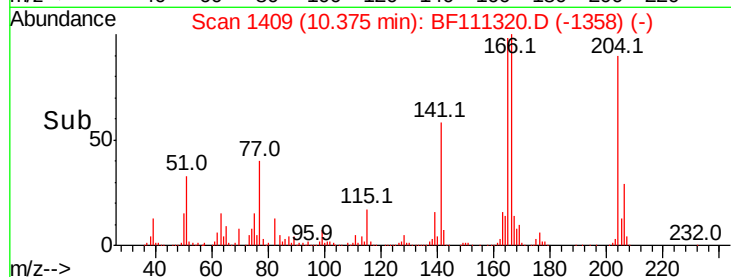
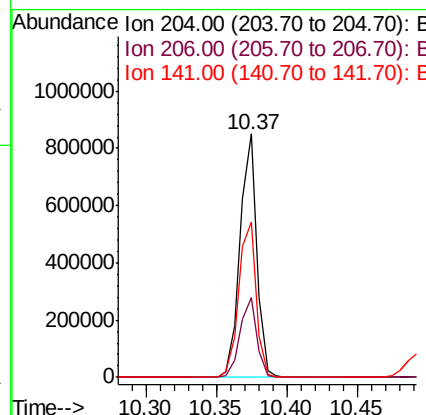
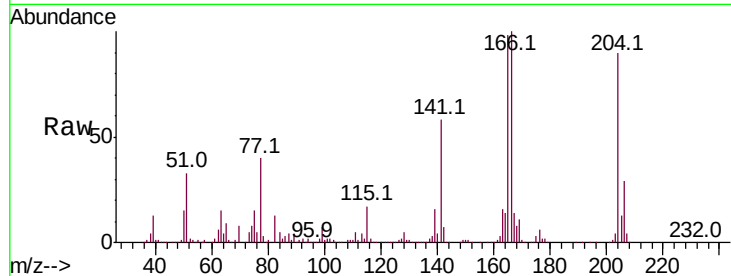
#61
4-Chlorophenyl-phenylether
Concen: 38.835 ng
RT: 10.37 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	63.9	52.6	78.8

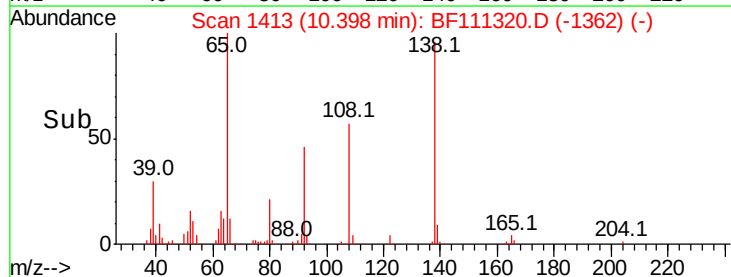
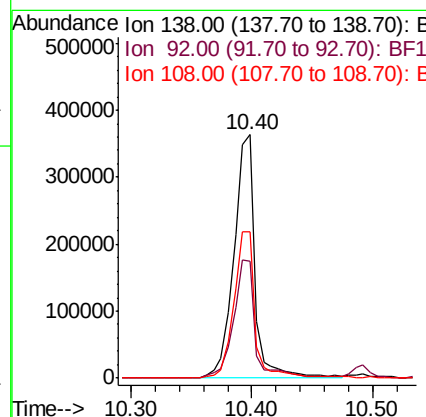
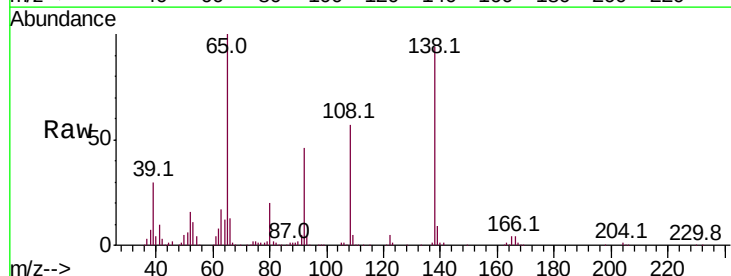
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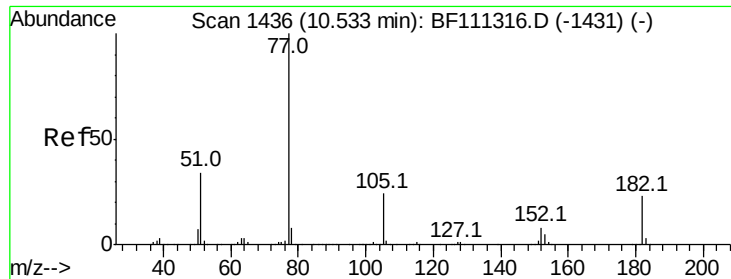
Sohil
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#62
4-Nitroaniline
Concen: 41.095 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	29.9	69.9
108	59.9	43.2	83.2





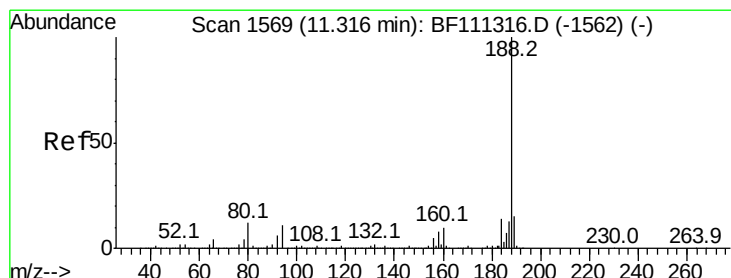
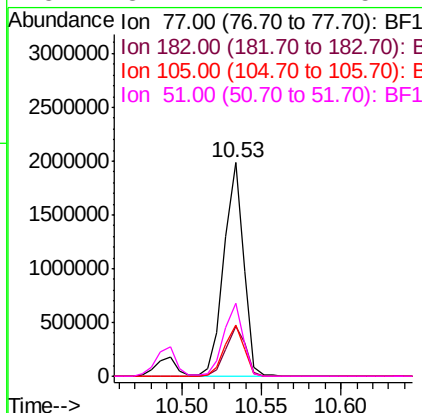
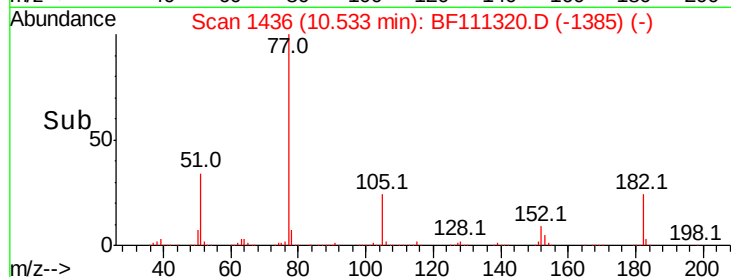
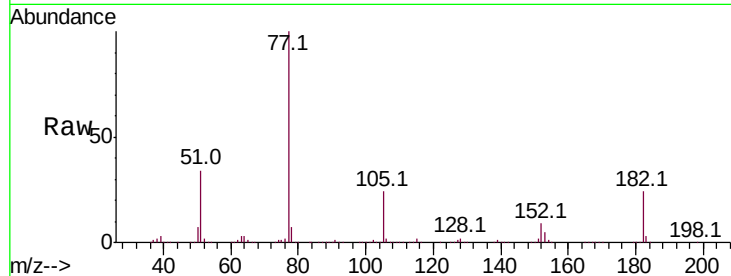
#63
Azobenzene
Concen: 39.847 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion: 77 Resp: 1709825
Ion Ratio Lower Upper
77 100
182 23.6 4.9 44.9
105 24.0 6.0 46.0
51 34.2 14.7 54.7

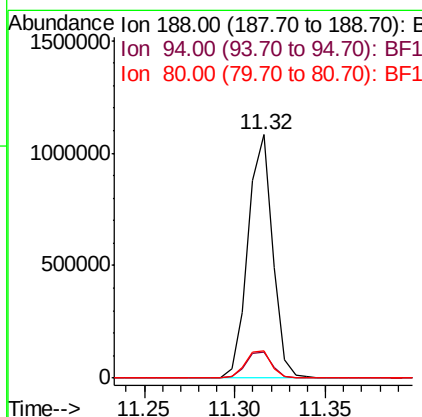
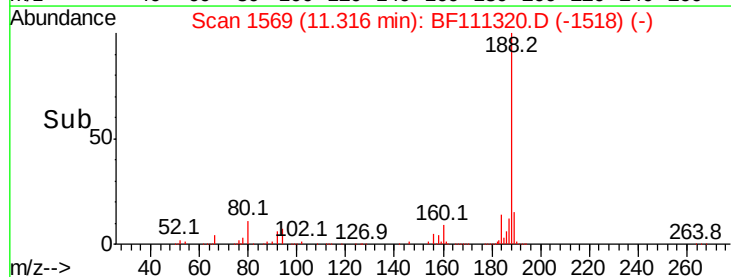
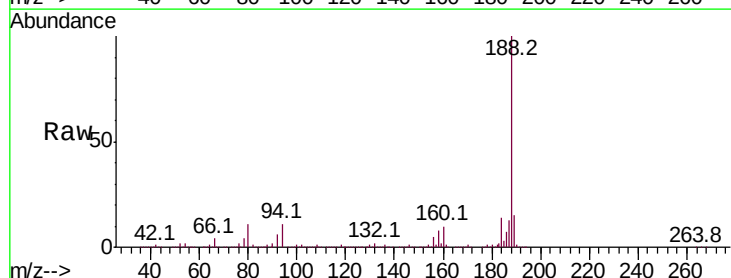
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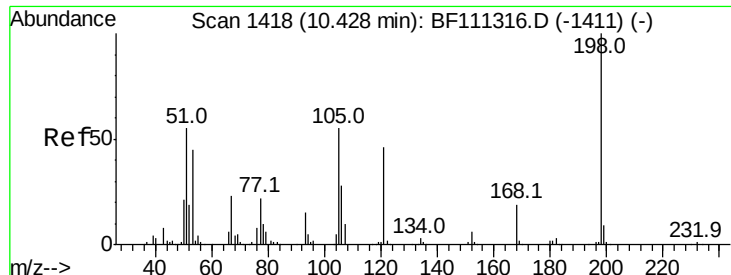
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion: 188 Resp: 1025949
Ion Ratio Lower Upper
188 100
94 10.8 9.6 14.4
80 11.0 9.8 14.6





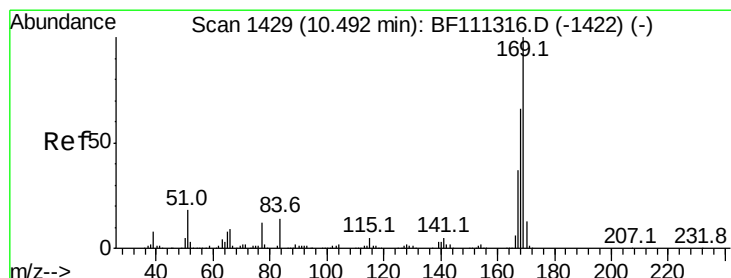
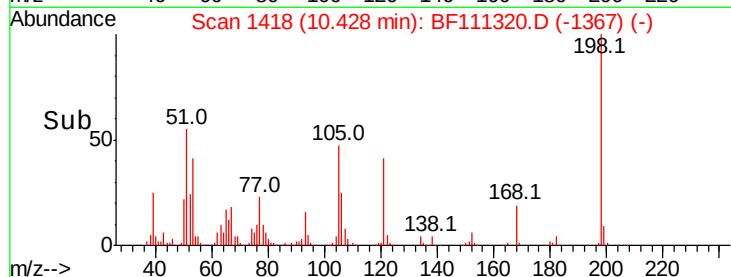
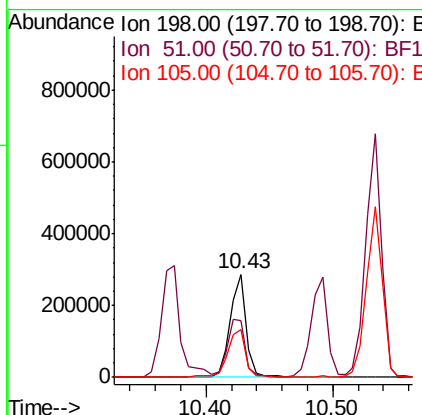
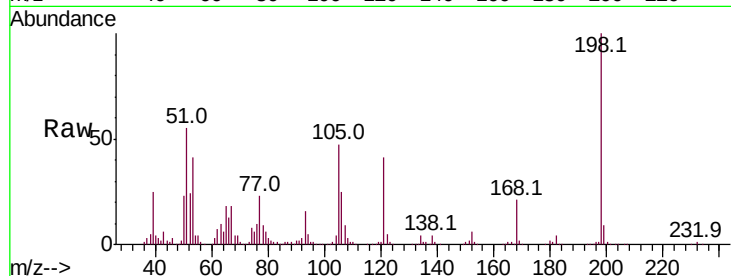
#65
4,6-Dinitro-2-methylphenol
Concen: 42.126 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Resp	Lower	Upper
198	100	248125		
51	54.6	48.0	88.0	
105	46.7	34.0	74.0	

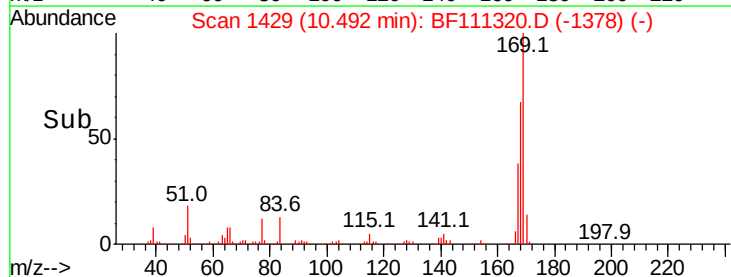
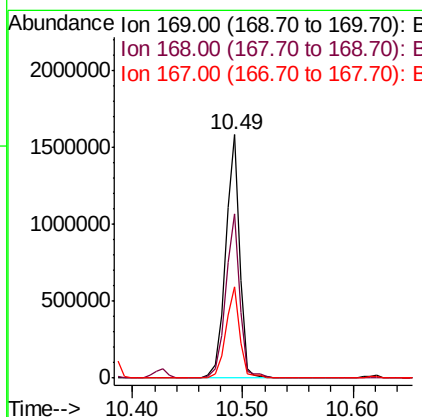
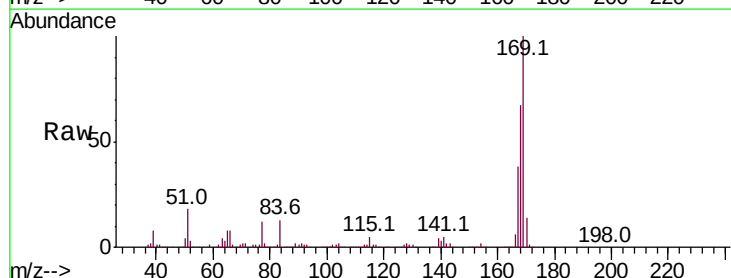
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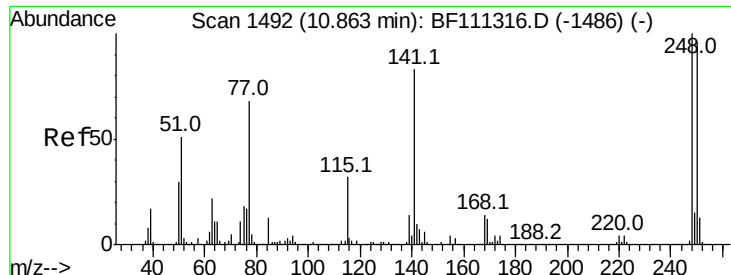
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#66
n-Nitrosodiphenylamine
Concen: 38.368 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1400248		
168	67.5	54.4	81.6	
167	37.6	30.5	45.7	





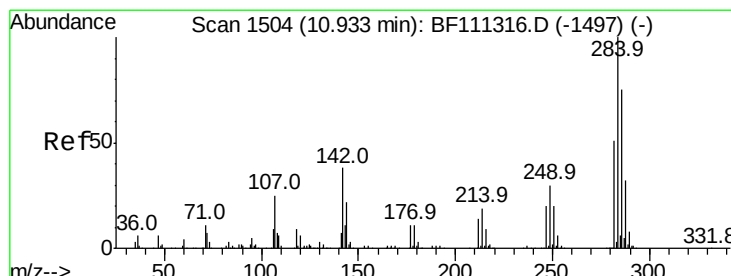
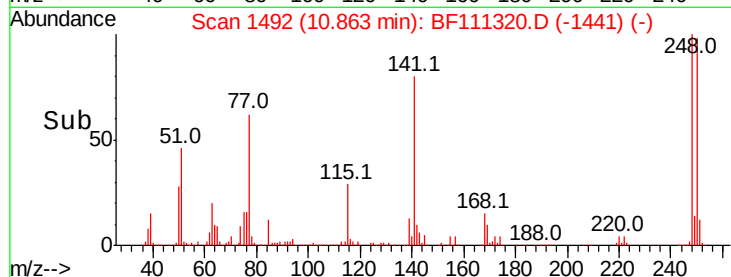
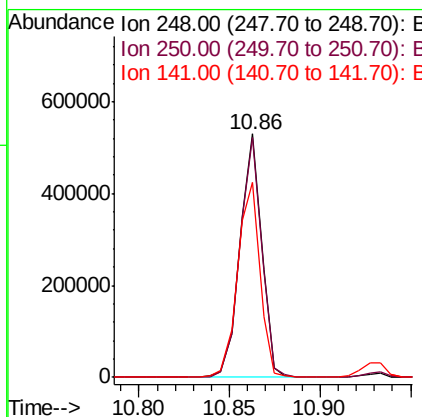
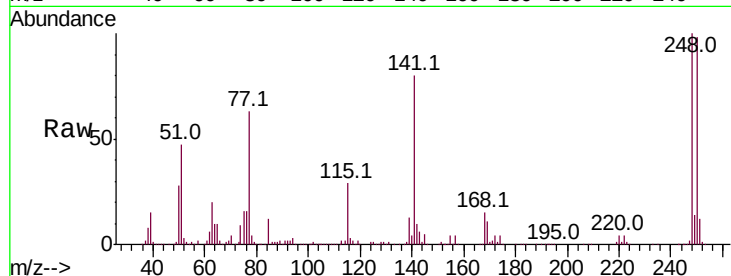
#67
4-Bromophenyl-phenylether
Concen: 38.831 ng
RT: 10.86 min Scan# 1492
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.0	115.4
141	79.9	63.0	94.6

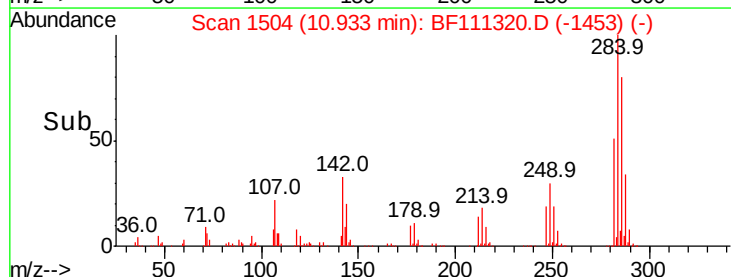
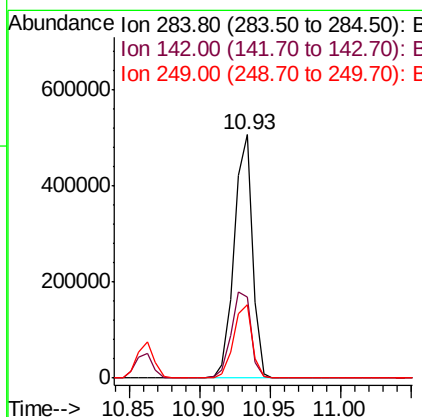
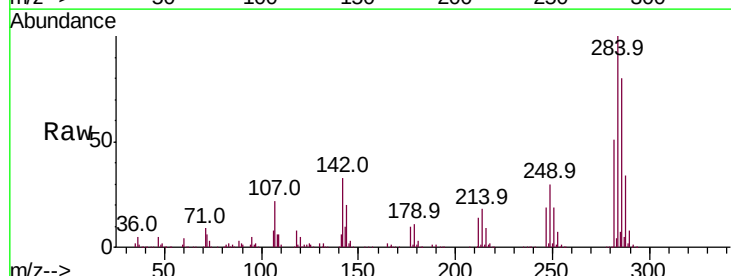
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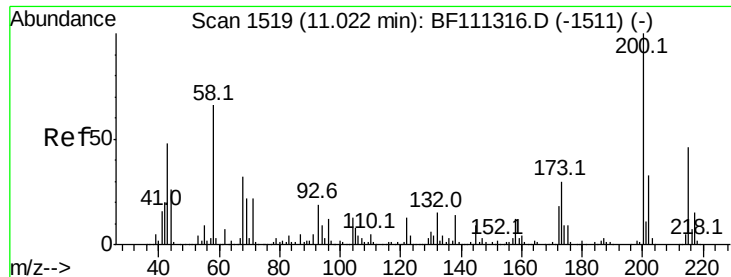
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#68
Hexachlorobenzene
Concen: 38.917 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.5	27.4	41.2
249	30.2	24.4	36.6





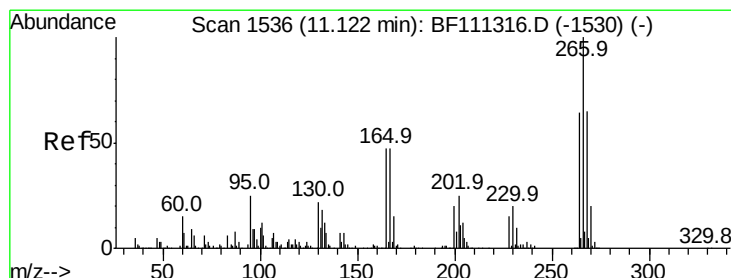
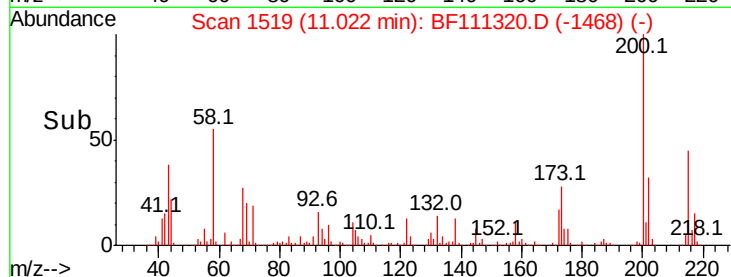
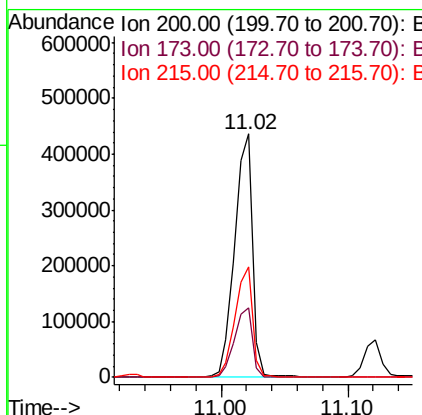
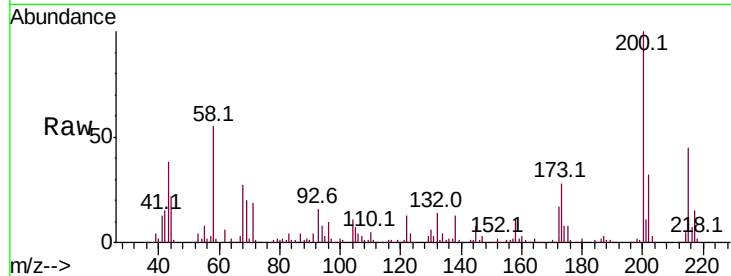
#69
Atrazine
Concen: 39.903 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	10.1	50.1
215	45.3	26.9	66.9

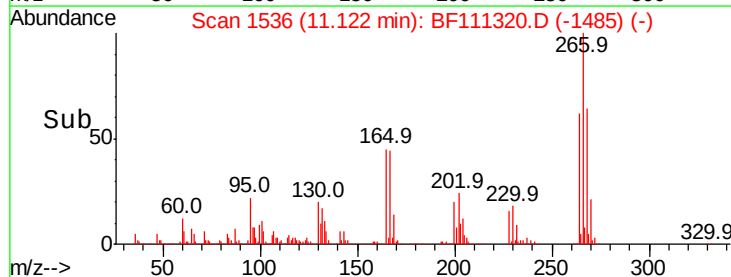
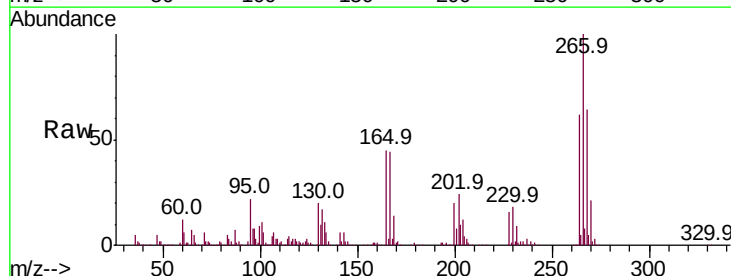
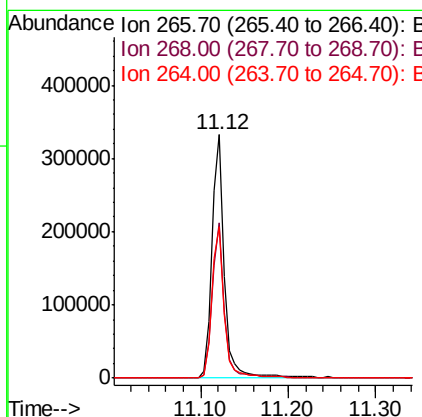
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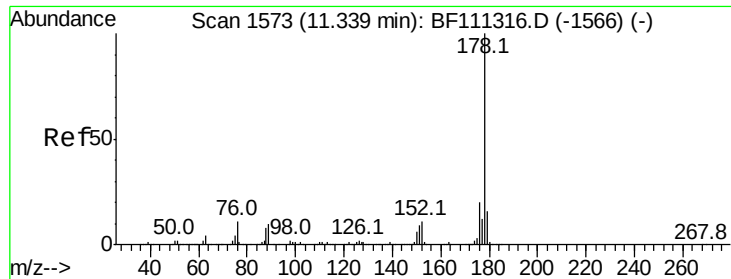
Sohil
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#70
Pentachlorophenol
Concen: 42.103 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	47.9	71.9
264	62.0	49.1	73.7





#71

Phenanthrene

Concen: 38.810 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF121218

Tot Ion:178 Resp: 2058033

Ion Ratio Lower Upper

178 100

176 20.3 18.1 27.1

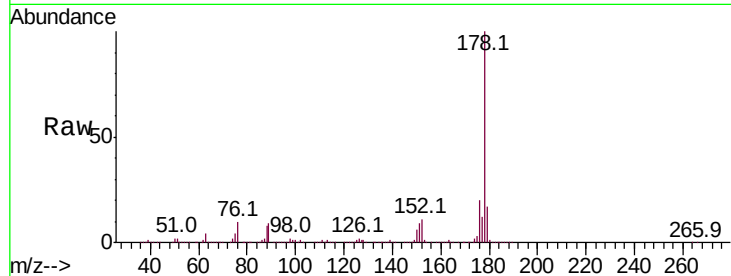
179 16.7 14.0 21.0

Manual Integrations

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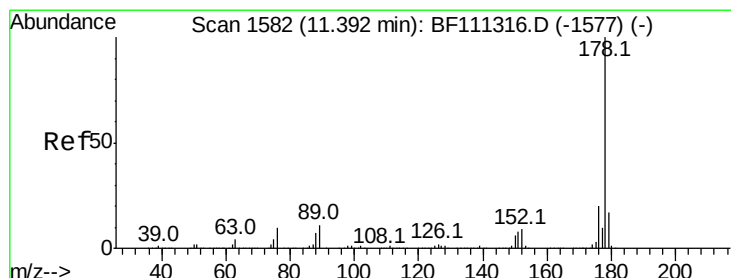
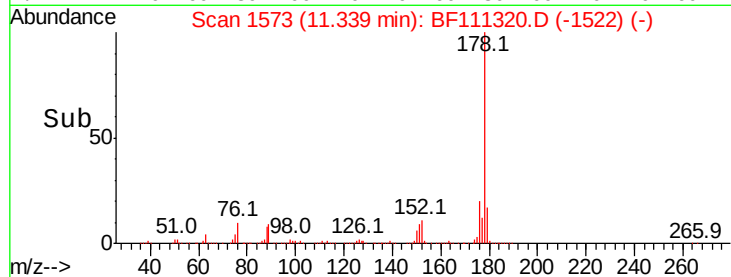
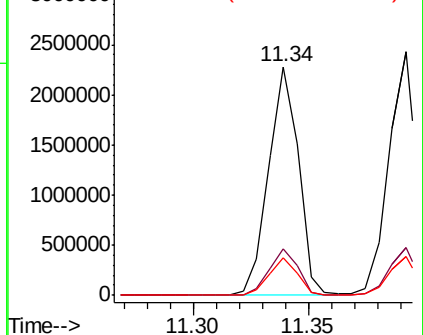
12/13/2018 6:05:59 PM



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: 38.973 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:178 Resp: 2104396

Ion Ratio Lower Upper

178 100

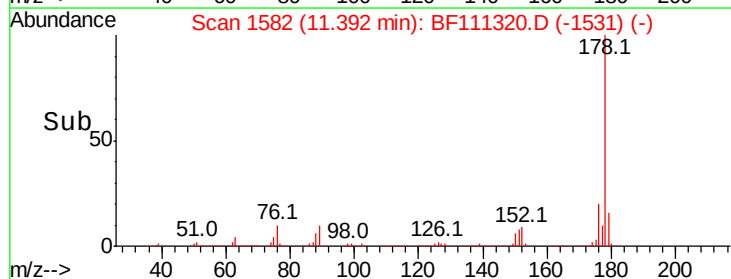
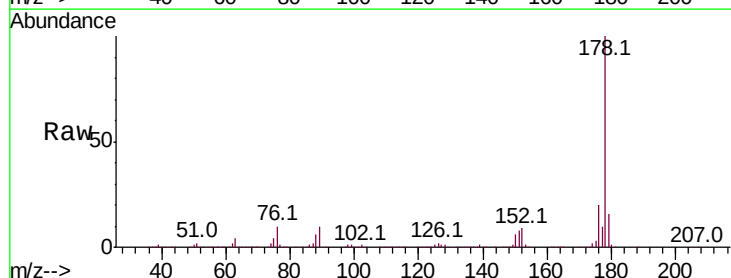
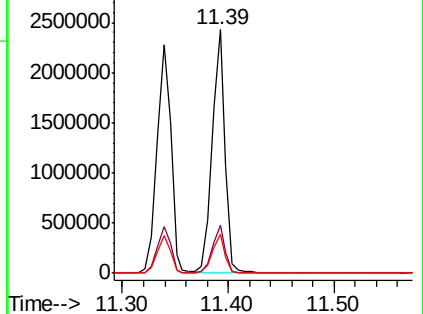
176 19.6 17.2 25.8

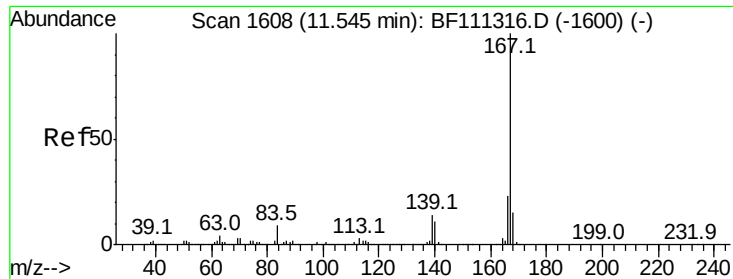
179 15.9 13.8 20.8

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





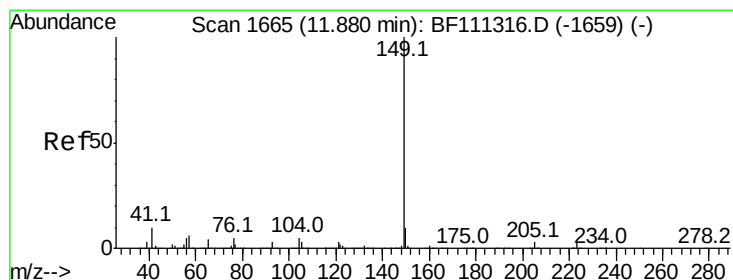
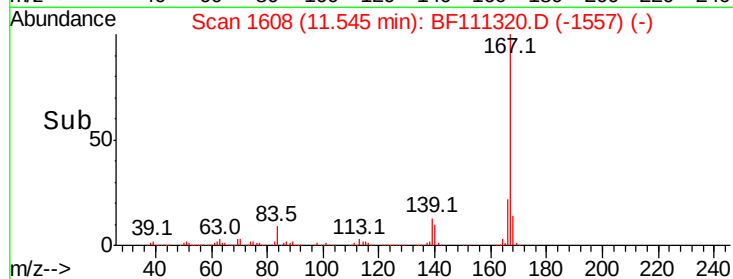
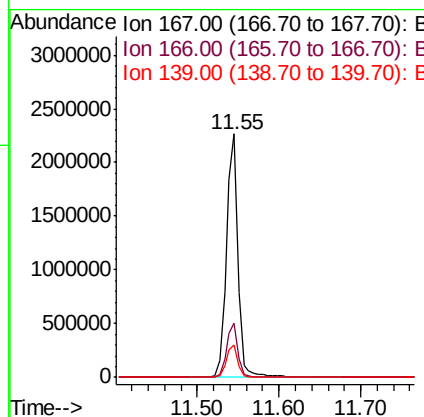
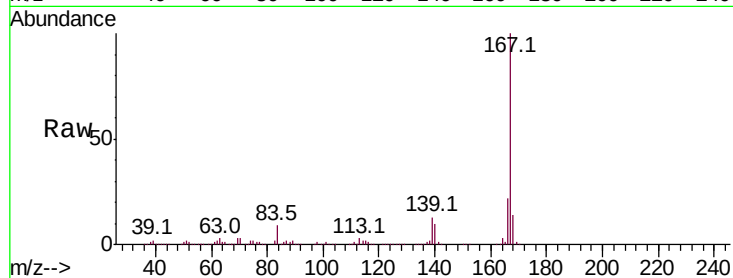
#73
 Carbazole
 Concen: 39.646 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121218

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	19.3	28.9
139	13.4	11.9	17.9

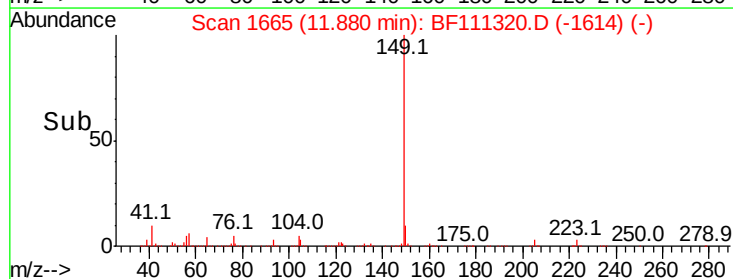
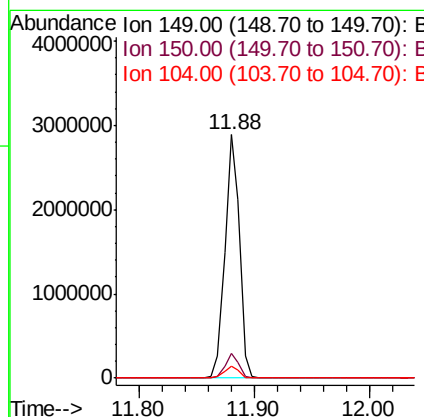
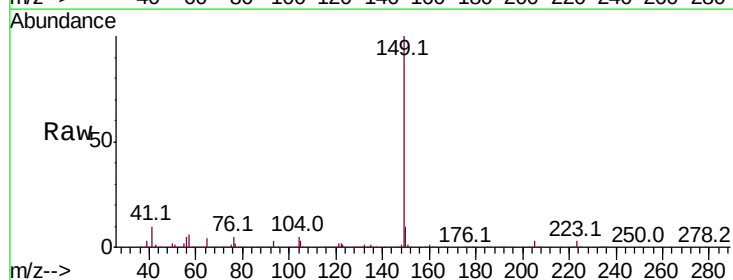
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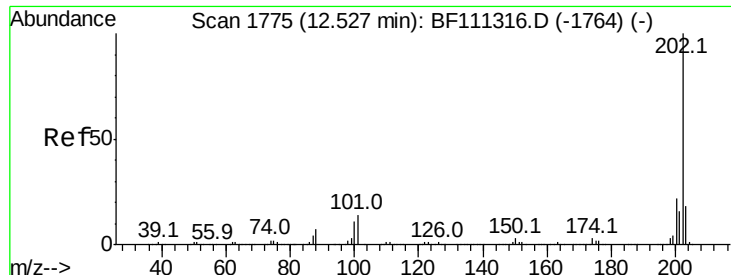
Sohil
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#74
 Di-n-butylphthalate
 Concen: 39.553 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.8	13.2
104	5.1	4.5	6.7





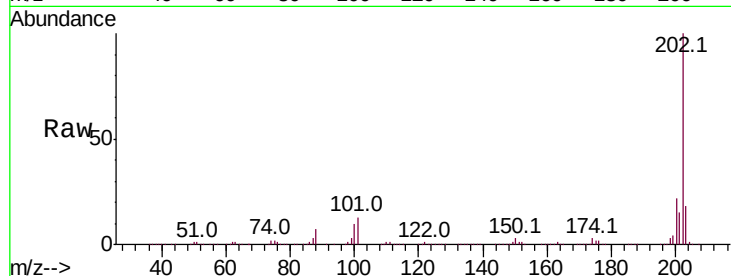
#75
 Fluoranthene
 Concen: 39.733 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121218

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.8
203	17.9	0.0	38.6

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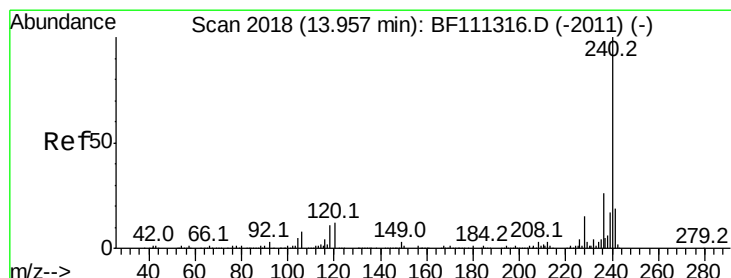
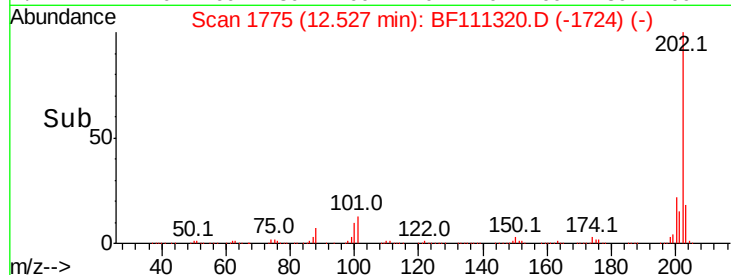
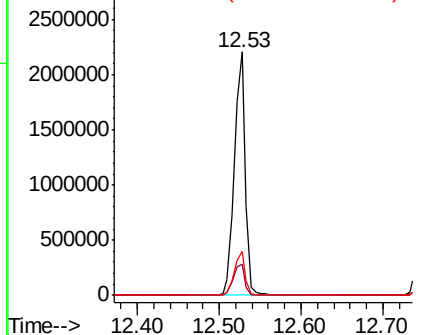


Abundance

Ion 202.00 (201.70 to 202.70): E

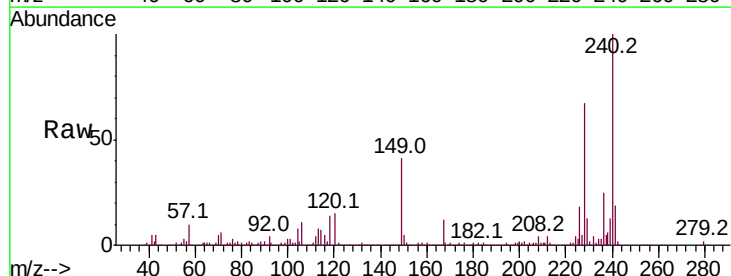
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF111320.D
 Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	12.2	18.2
236	25.0	20.2	30.2

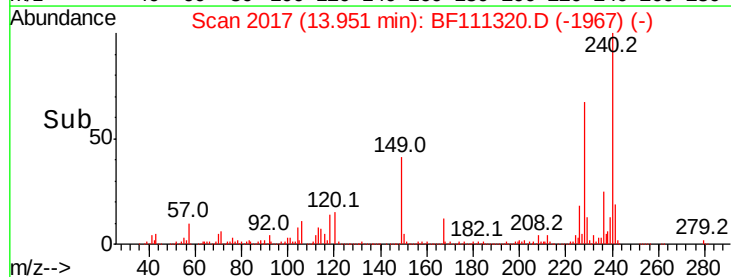
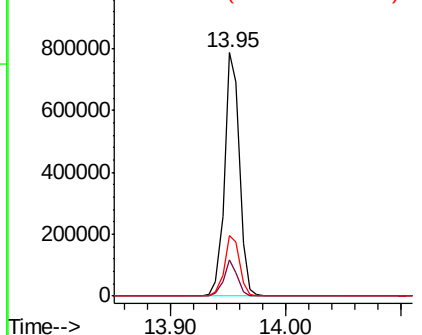


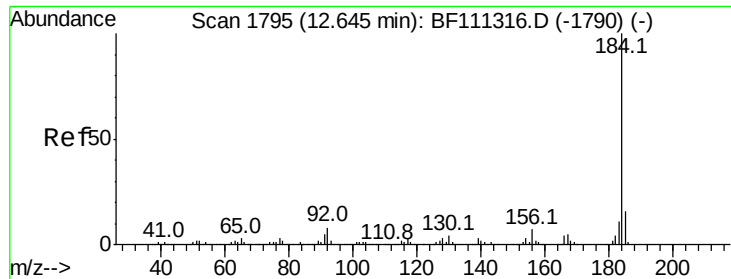
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 63.382 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

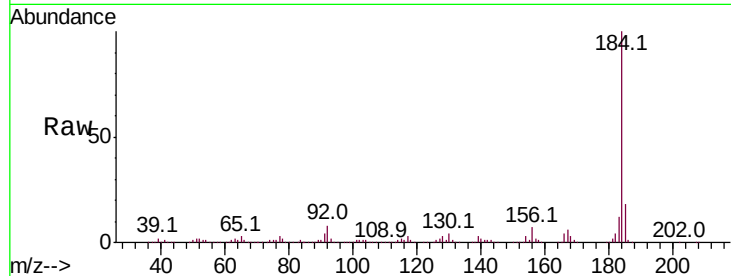
ClientSampleId :

ICVBF121218

Tot Ion	Ratio	Lower	Upper
184	100		
185	17.7	13.0	19.6
183	11.7	9.3	13.9

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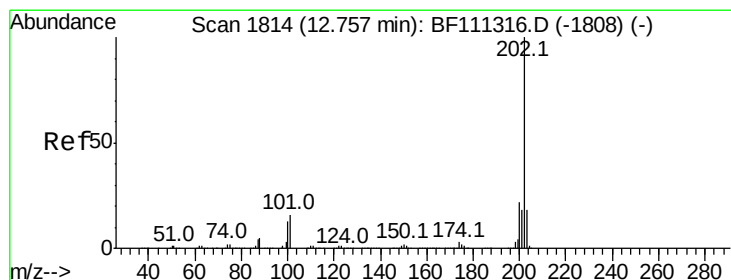
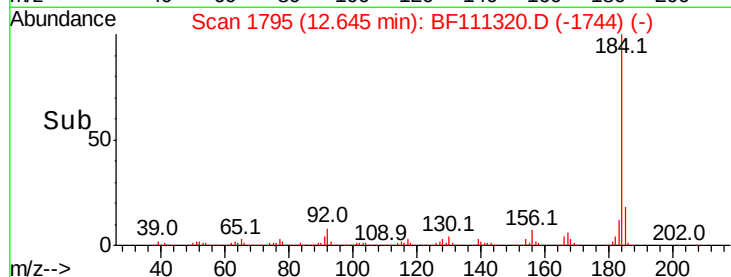
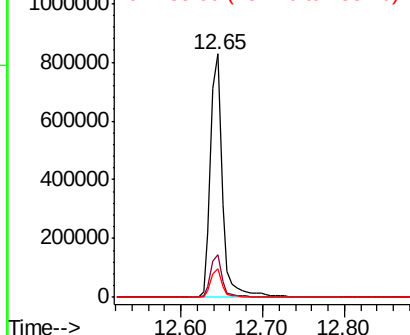


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.582 ng

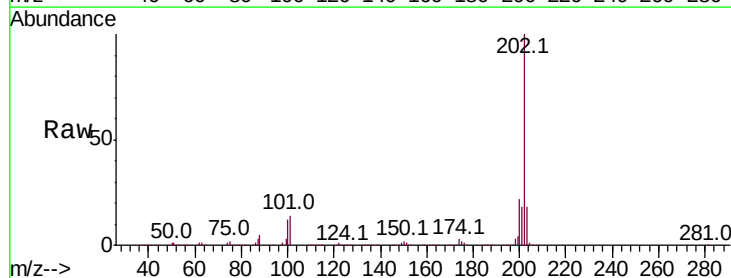
RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	19.0	28.4
203	17.9	15.2	22.8

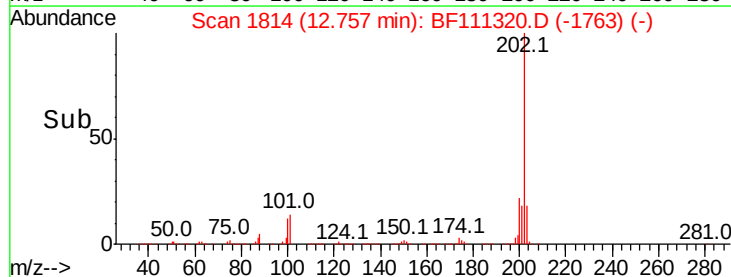
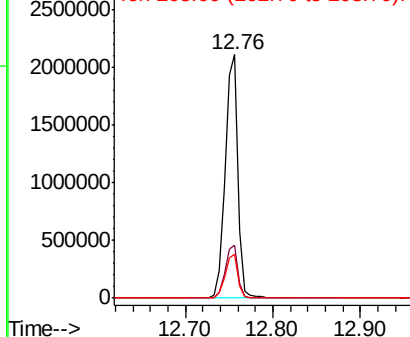


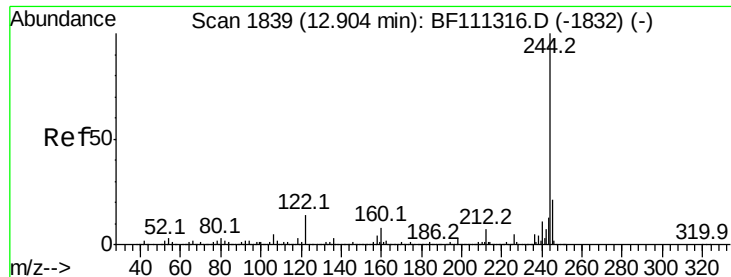
Abundance

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: 76.099 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF121218

Tot Ion:244 Resp: 2448172

Ion Ratio Lower Upper

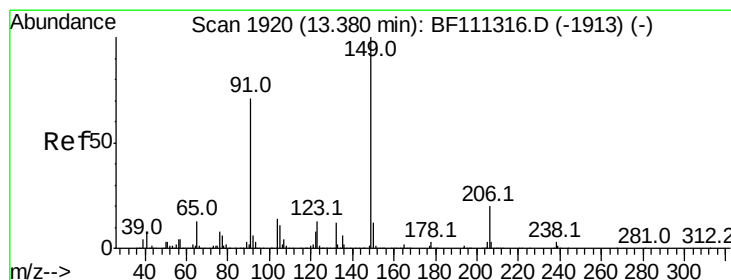
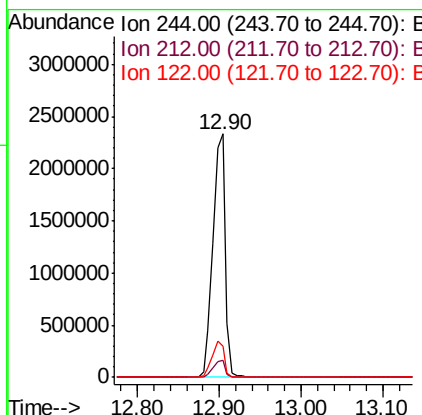
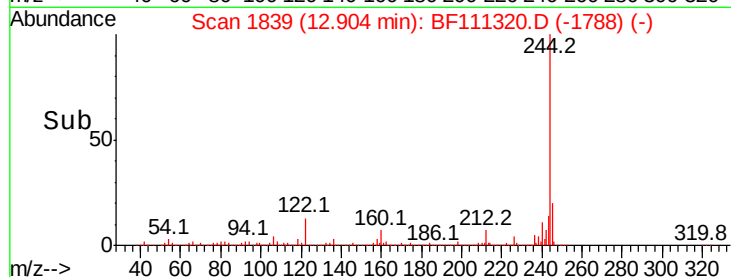
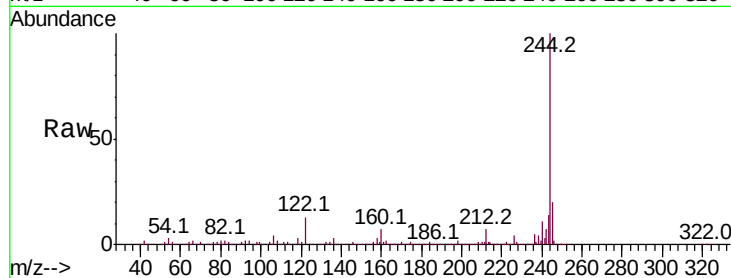
244 100

212 6.8 5.7 8.5

122 12.7 13.1 19.7#

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#80

Butylbenzylphthalate

Concen: 39.601 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

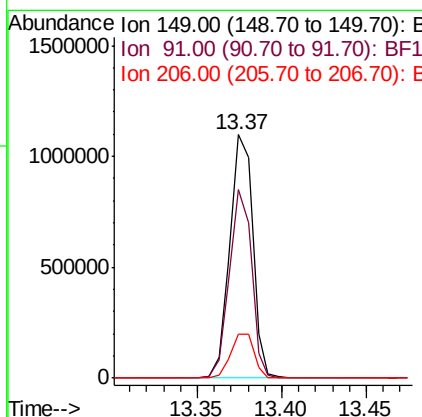
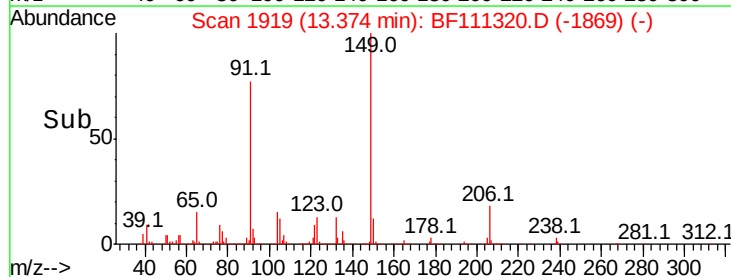
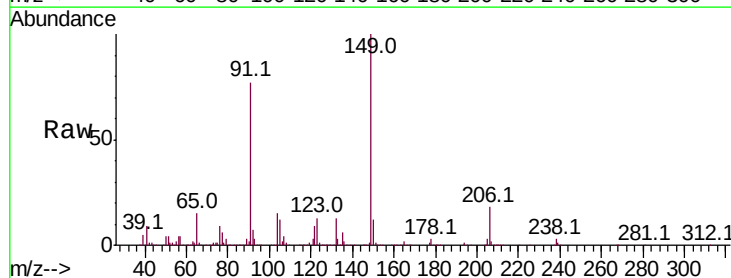
Tgt Ion:149 Resp: 1039035

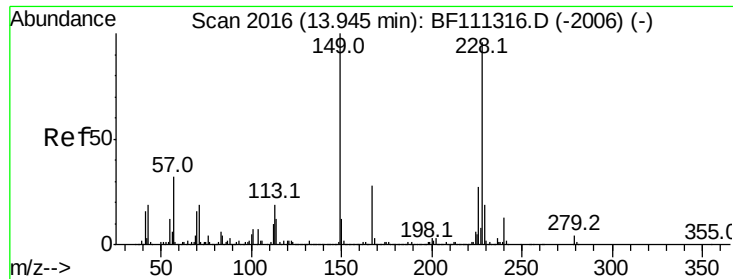
Ion Ratio Lower Upper

149 100

91 77.4 63.8 95.6

206 18.2 15.1 22.7





#81

Benzo(a)anthracene

Concen: 39.482 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

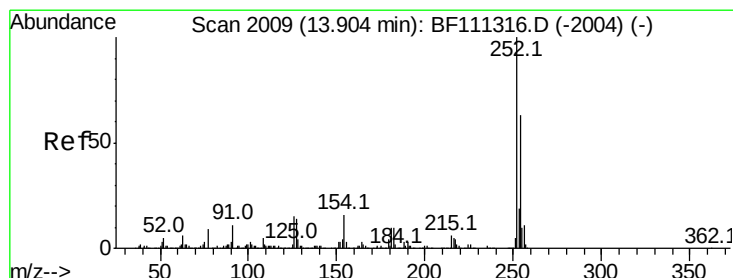
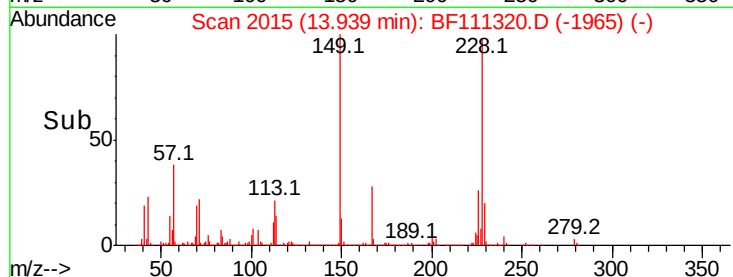
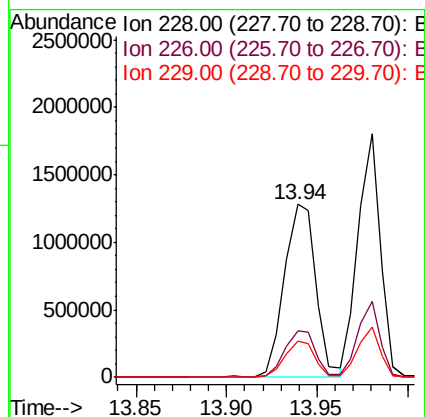
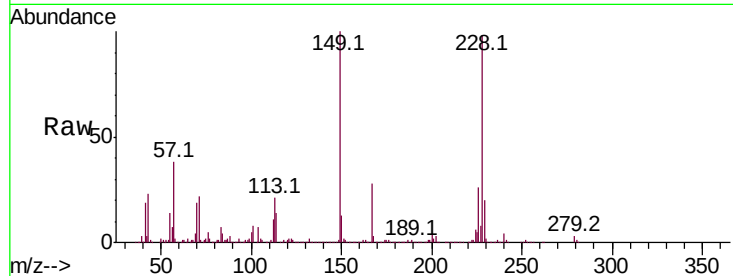
ClientSampleId :

ICVBF121218

Tot Ion:	228	Resp:	1564170
Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	34.0
229	20.6	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 39.598 ng

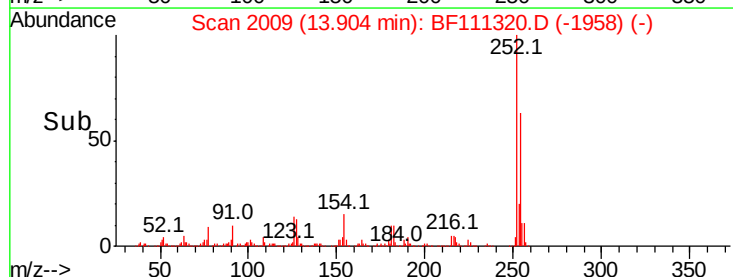
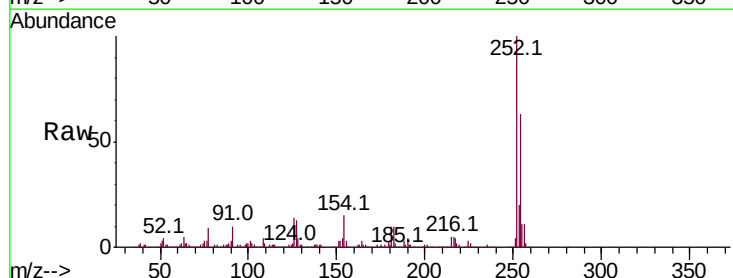
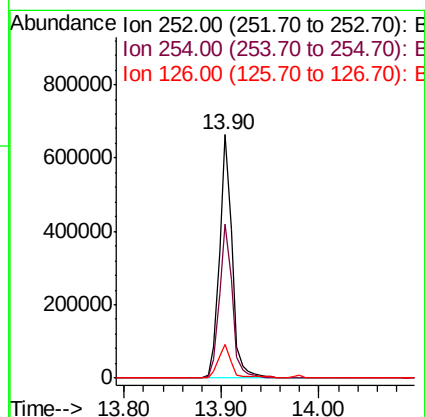
RT: 13.90 min Scan# 2009

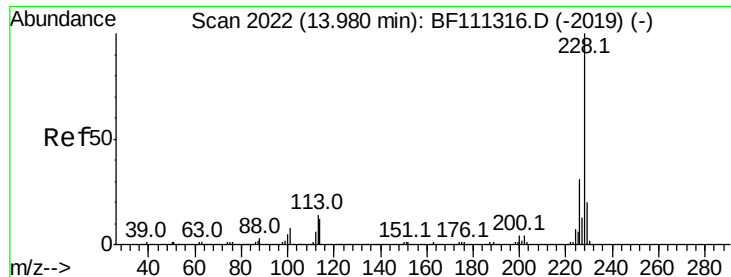
Delta R.T. 0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Tgt Ion:	252	Resp:	593301
Ion	Ratio	Lower	Upper
252	100		
254	63.2	52.7	79.1
126	14.1	11.1	16.7





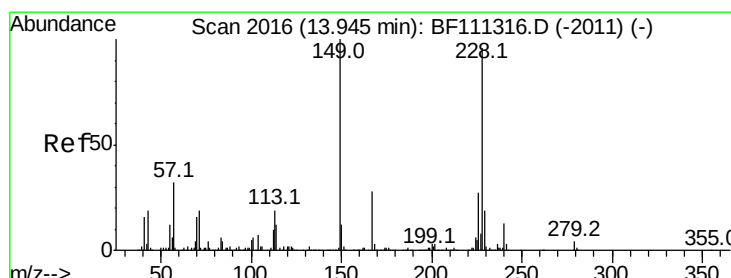
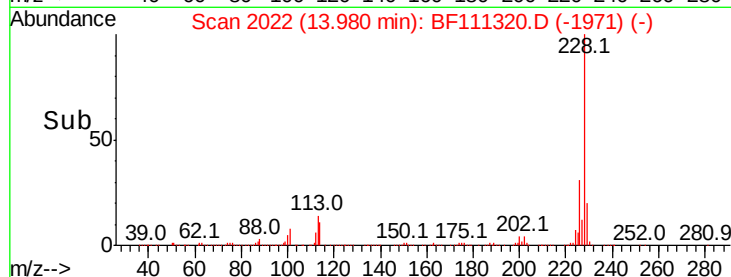
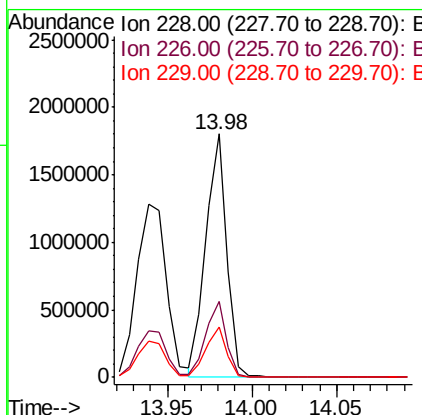
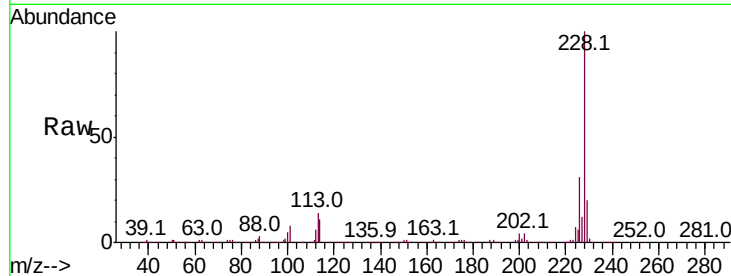
#83
Chrysene
Concen: 38.678 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

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

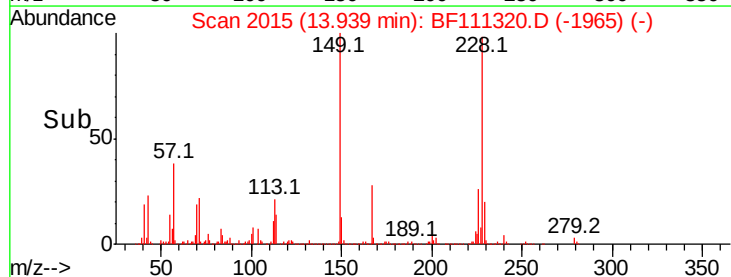
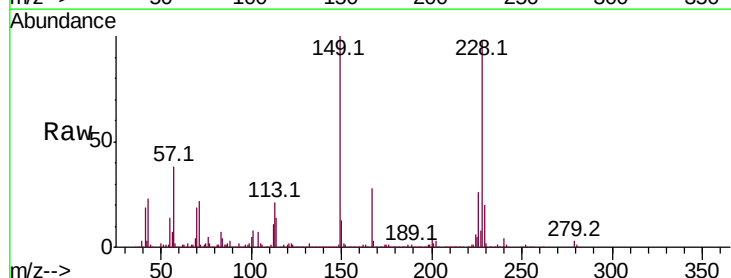
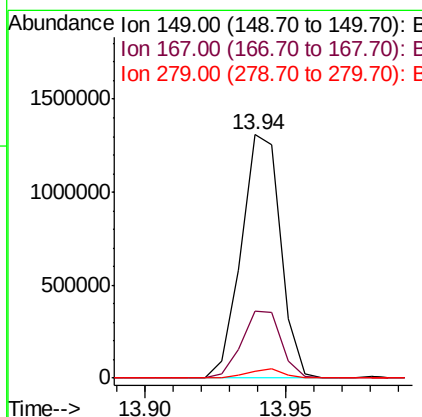
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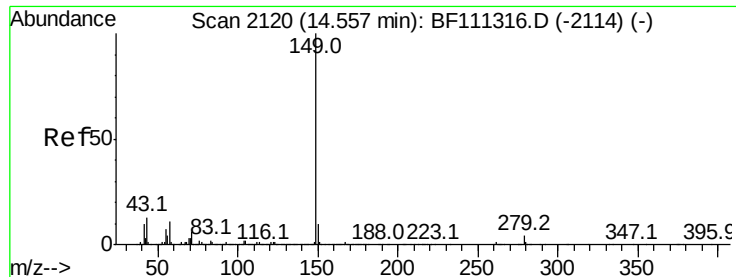
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#84
Bis(2-ethylhexyl)phthalate
Concen: 39.529 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	3.0	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 40.231 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

Instrument :

BNA_F

ClientSampleId :

ICVBF121218

Tot Ion:149 Resp: 2118886

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

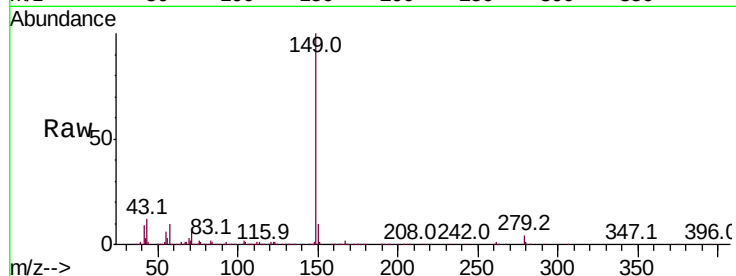
43 13.1 10.9 16.3

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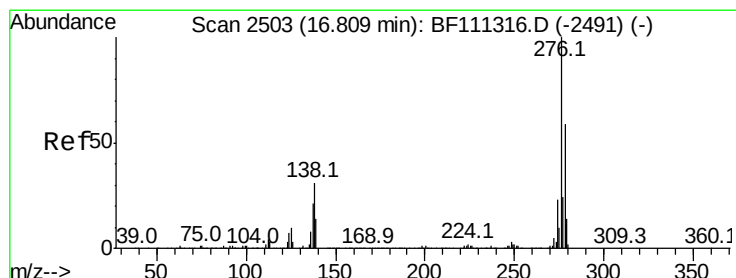
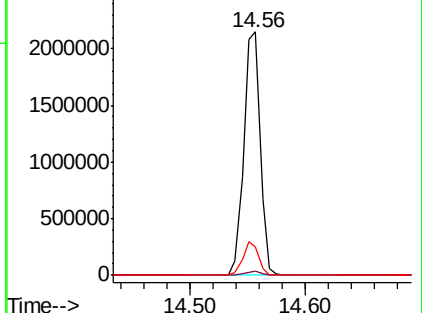
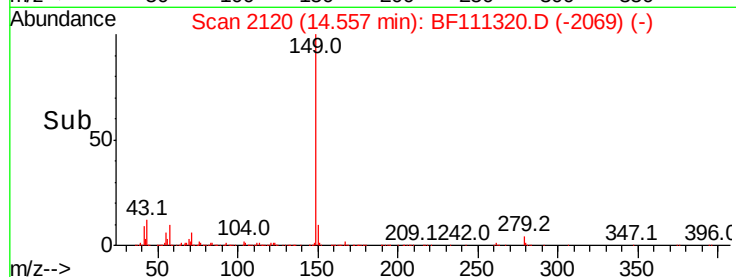
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.016 ng

RT: 16.80 min Scan# 2502

Delta R.T. -0.01 min

Lab File: BF111320.D

Acq: 12 Dec 2018 14:38

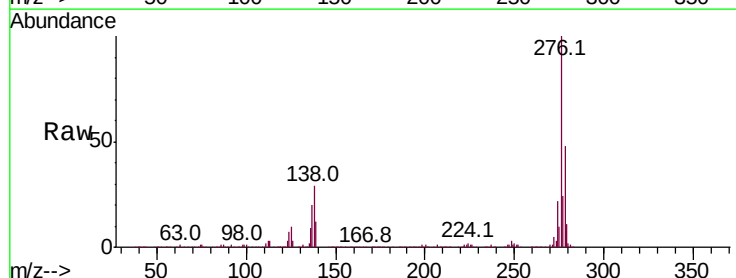
Tgt Ion:276 Resp: 1201806

Ion Ratio Lower Upper

276 100

138 32.4 27.8 41.6

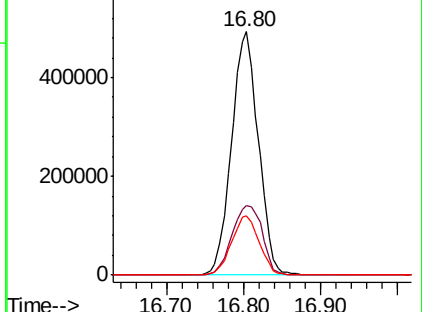
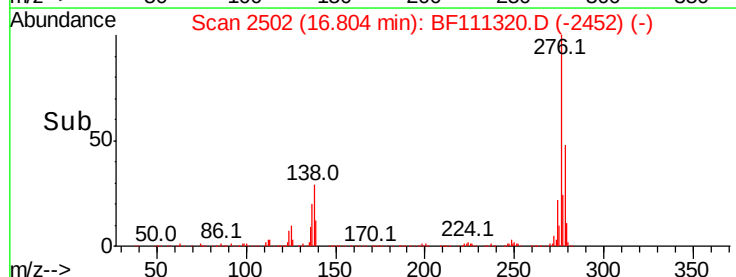
277 25.1 20.1 30.1

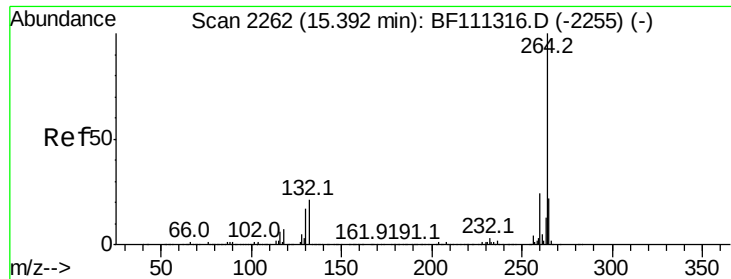


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





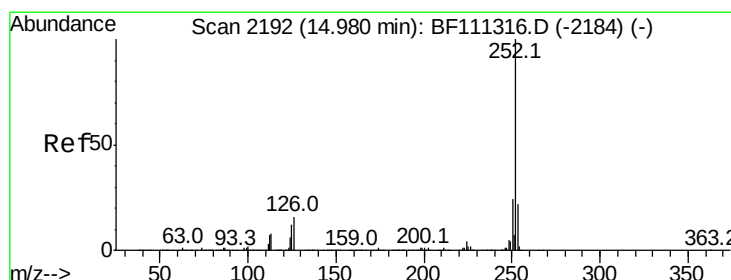
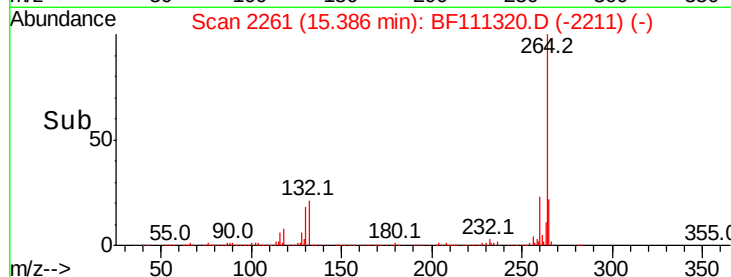
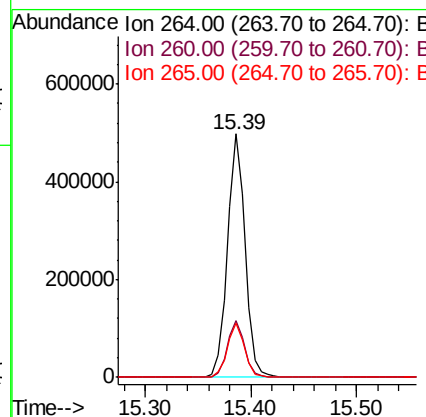
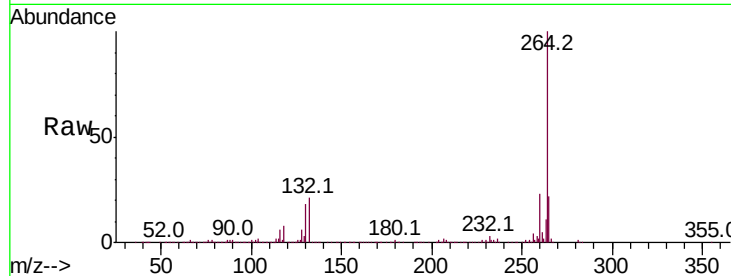
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	22.1	17.7	26.5

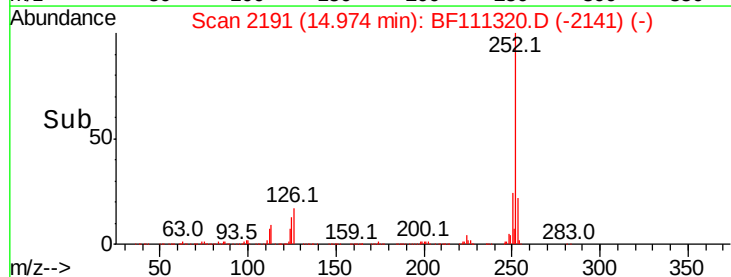
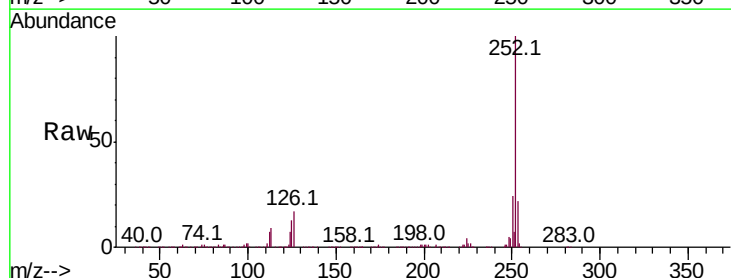
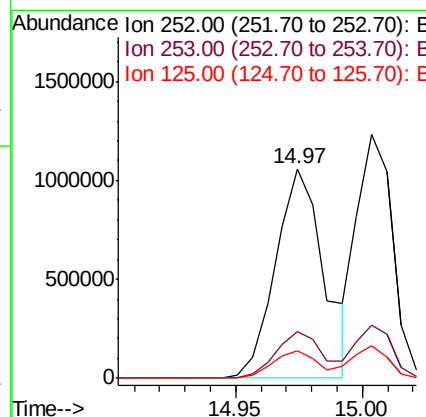
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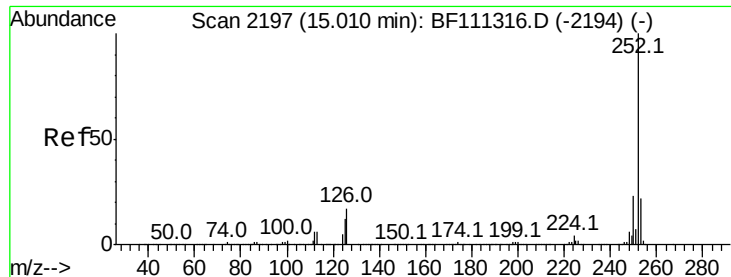
Sohil
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#88
Benzo(b)fluoranthene
Concen: 42.413 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	12.9	10.4	15.6





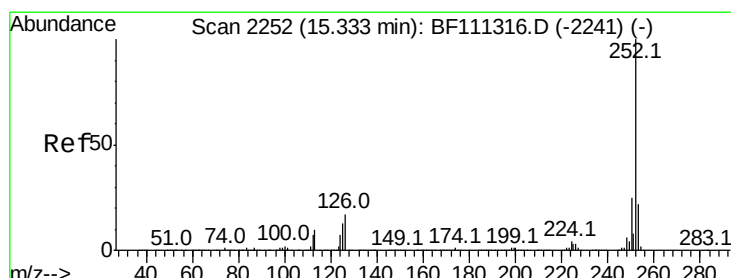
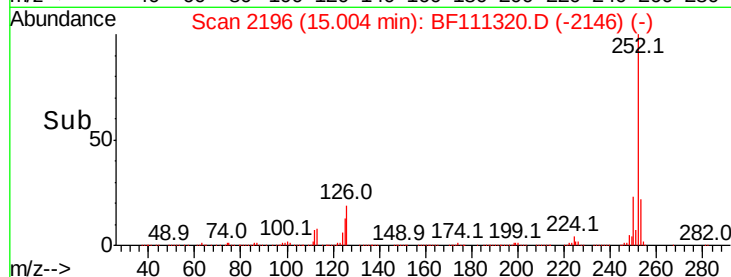
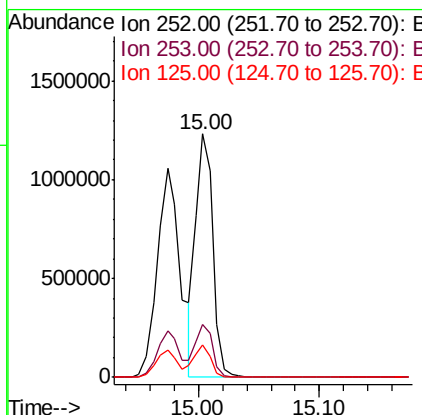
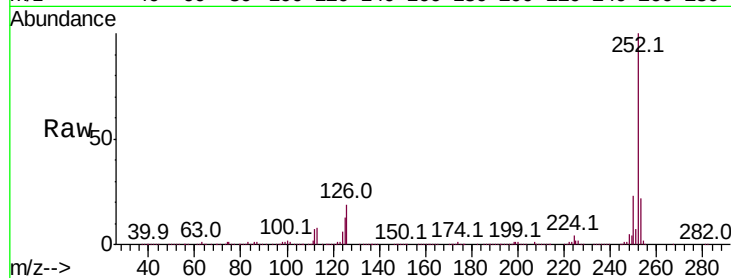
#89
Benzo(k)fluoranthene
Concen: 36.936 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.2	9.8	14.8

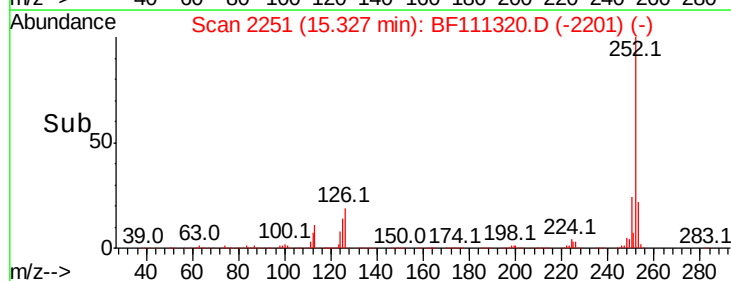
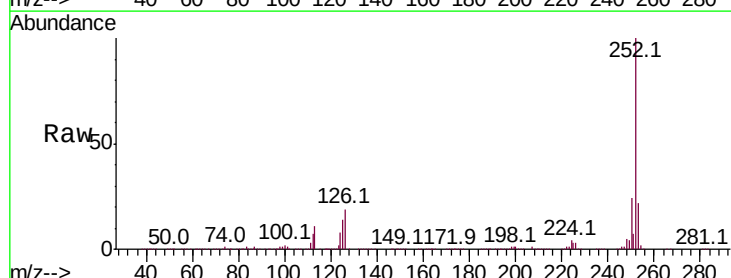
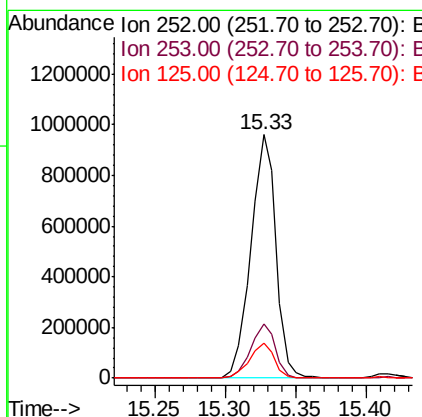
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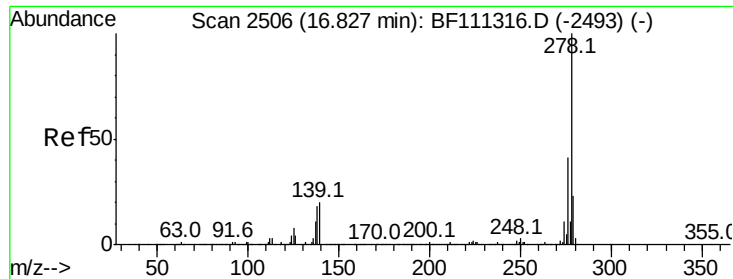
Sohil
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#90
Benzo(a)pyrene
Concen: 39.193 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	14.3	12.3	18.5





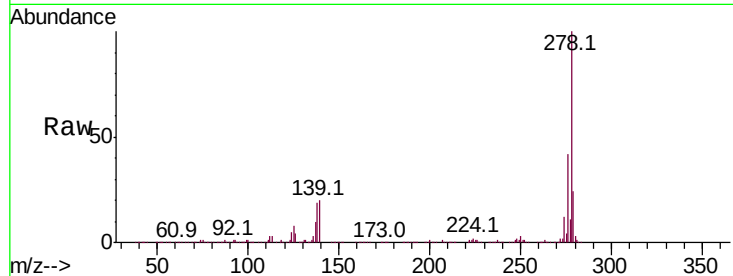
#91
Dibenzo(a,h)anthracene
Concen: 39.290 ng
RT: 16.82 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Instrument :
BNA_F
ClientSampleId :
ICVBF121218

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.8	18.2	27.4
279	24.0	19.0	28.6

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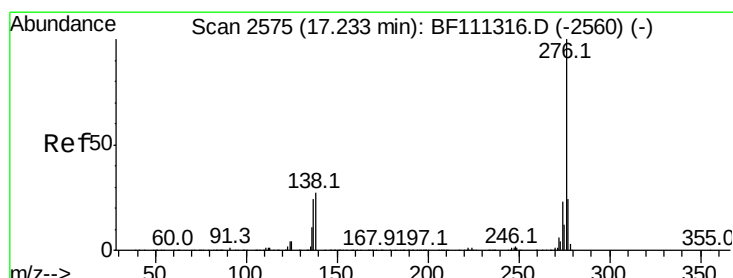
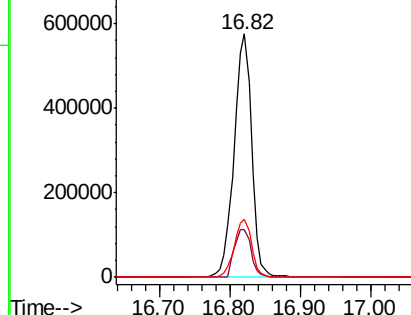
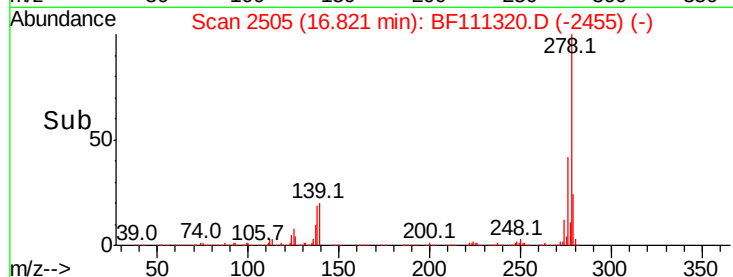


Abundance

Ion 278.00 (277.70 to 278.70): E

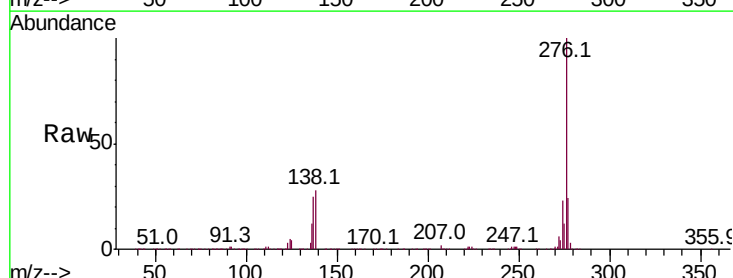
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.187 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.01 min
Lab File: BF111320.D
Acq: 12 Dec 2018 14:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.2	28.8
138	27.7	24.9	37.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

