

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012119\
 Data File : BF112180.D
 Acq On : 22 Jan 2019 2:12
 Operator : JU/SJ
 Sample : PB116516BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Manual Integrations
 APPROVED

Sohil
 1/22/2019 9:59:16 AM

Quant Time: Jan 22 02:47:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	219521	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	753267	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	291923	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	502200	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	437415	20.00	ng	0.00
87) Perylene-d12	15.49	264	322438	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1025589	84.80	ng	0.00
7) Phenol-d6	6.50	99	1233696	81.53	ng	0.00
23) Nitrobenzene-d5	7.42	82	1102516	101.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	258104	81.96	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	1988390	99.86	ng	0.00
79) Terphenyl-d14	12.96	244	1707601	83.05	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	186237	32.832	ng	96
3) Pyridine	3.43	79	515513	36.286	ng	97
4) n-Nitrosodimethylamine	3.38	42	243705	42.249	ng	98
6) Aniline	6.52	93	242275	13.164	ng	# 32
8) 2-Chlorophenol	6.65	128	576544	41.045	ng	99
9) Benzaldehyde	6.40	77	145120	13.844	ng	98
10) Phenol	6.51	94	639901	38.693	ng	82
11) bis(2-Chloroethyl)ether	6.59	93	521934	39.692	ng	96
12) 1,3-Dichlorobenzene	6.79	146	636148	39.684	ng	99
13) 1,4-Dichlorobenzene	6.87	146	650495	39.671	ng	98
14) 1,2-Dichlorobenzene	7.03	146	602882	39.915	ng	98
15) Benzyl Alcohol	6.99	79	454200	40.287	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	668178	35.237	ng	91
17) 2-Methylphenol	7.12	107	438267	41.546	ng	96
18) Hexachloroethane	7.36	117	192253	35.129	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	380092	41.231	ng	99
20) 3+4-Methylphenols	7.27	107	557613	43.597	ng	# 70
22) Acetophenone	7.26	105	744000	42.633	ng	96
24) Nitrobenzene	7.43	77	540135	46.745	ng	97
25) Isophorone	7.67	82	973811	46.242	ng	96
26) 2-Nitrophenol	7.75	139	249064	42.680	ng	98
27) 2,4-Dimethylphenol	7.79	122	463125	47.377	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	637384	44.123	ng	100
29) 2,4-Dichlorophenol	8.00	162	441840	41.376	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	501407	40.460	ng	98
31) Naphthalene	8.16	128	1509348	44.055	ng	100
32) Benzoic acid	7.91	122	155175	38.199	ng	94
33) 4-Chloroaniline	8.20	127	143151	9.297	ng	99
34) Hexachlorobutadiene	8.27	225	291172	42.220	ng	100
35) Caprolactam	8.57	113	126001m	33.713	ng	
36) 4-Chloro-3-methylphenol	8.70	107	403739	38.710	ng	98
37) 2-Methylnaphthalene	8.85	142	993009	42.683	ng	99
38) 1-Methylnaphthalene	8.95	142	926011	41.416	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	442909	47.248	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	26553	14.252	nq	98
43) 2,4,6-Trichlorophenol	9.13	196	271086	48.341	nq	99
44) 2,4,5-Trichlorophenol	9.18	196	273353	45.768	nq	97
46) 1,1'-Biphenyl	9.31	154	1157696	47.428	nq	99
47) 2-Chloronaphthalene	9.34	162	852094	44.596	nq	99
48) 2-Nitroaniline	9.43	65	234171	54.411	nq	99
49) Acenaphthylene	9.75	152	1282256	45.987	nq	99
50) Dimethylphthalate	9.60	163	1048760	49.262	nq	100
51) 2,6-Dinitrotoluene	9.67	165	198751	46.747	nq #	88
52) Acenaphthene	9.92	154	733620	43.003	nq	99
53) 3-Nitroaniline	9.84	138	156546	32.927	nq	96
54) 2,4-Dinitrophenol	9.96	184	8051	16.724	nq	91
55) Dibenzofuran	10.10	168	1086539	42.115	nq	98
56) 4-Nitrophenol	10.02	139	253279	74.923	nq	94
57) 2,4-Dinitrotoluene	10.08	165	225979	42.035	nq	98
58) Fluorene	10.44	166	831334	43.128	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	199941	44.363	nq	95
60) Diethylphthalate	10.30	149	981089	47.210	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	429193	41.263	nq	97
62) 4-Nitroaniline	10.45	138	193258	40.936	nq	98
63) Azobenzene	10.59	77	759421	38.160	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	10561	14.054	nq	90
66) n-Nitrosodiphenylamine	10.54	169	746473	44.962	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	248905	42.670	nq	98
68) Hexachlorobenzene	10.99	284	254073	40.434	nq	97
69) Atrazine	11.07	200	244454	45.629	nq	97
70) Pentachlorophenol	11.19	266	227698	75.720	nq	99
71) Phenanthrene	11.40	178	1154126	45.665	nq	98
72) Anthracene	11.45	178	1198055	46.795	nq	99
73) Carbazole	11.60	167	1084174	42.273	nq	99
74) Di-n-butylphthalate	11.93	149	1390989	48.216	nq	99
75) Fluoranthene	12.59	202	1308325	49.029	nq	99
77) Benzidine	12.71	184	758219	51.953	nq	96
78) Pyrene	12.82	202	1334201	46.232	nq	99
80) Butylbenzylphthalate	13.43	149	646046	51.029	nq	92
81) Benzo(a)anthracene	14.01	228	1165626	46.476	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	407502	43.386	nq	99
83) Chrysene	14.04	228	1079481	45.487	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	956695	52.726	nq	100
85) Di-n-octyl phthalate	14.60	149	1556996	55.693	nq	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	829889	37.905	nq	98
88) Benzo(b)fluoranthene	15.06	252	934198	51.041	nq	99
89) Benzo(k)fluoranthene	15.09	252	846977	47.812	nq	100
90) Benzo(a)pyrene	15.43	252	816552	48.648	nq	99
91) Dibenzo(a,h)anthracene	16.98	278	702118	47.097	nq	99
92) Benzo(g,h,i)perylene	17.42	276	680090	46.306	nq	97

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

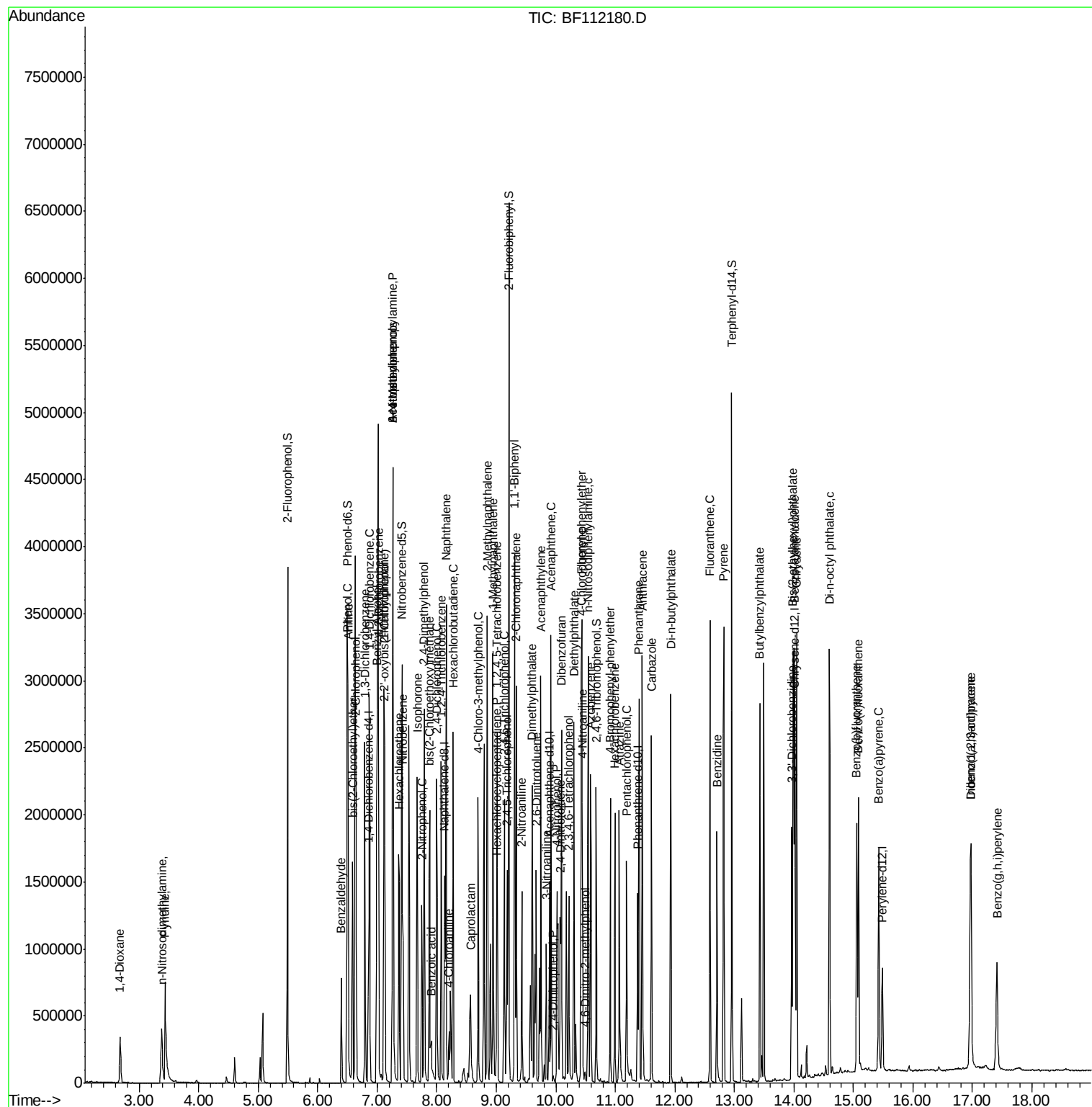
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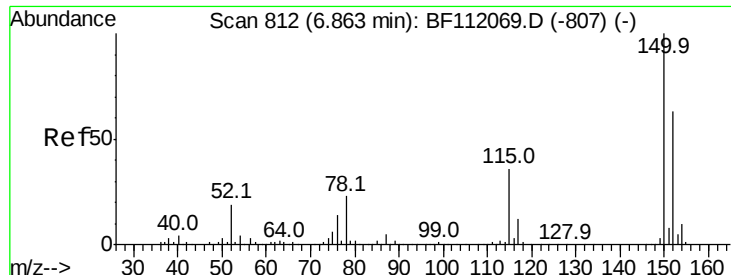
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#1

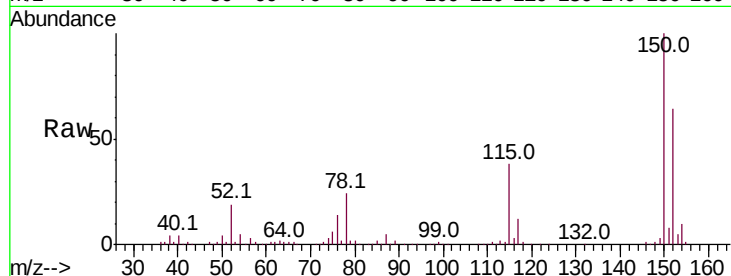
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.4	191.0
115	58.3	45.5	68.3

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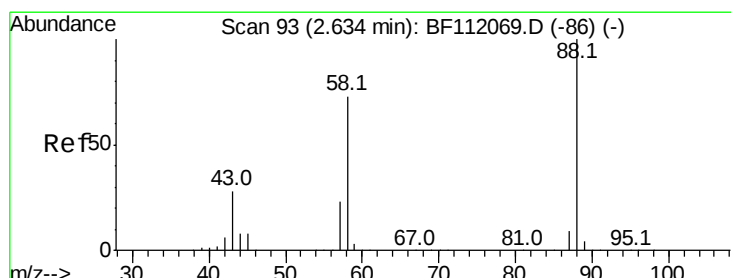
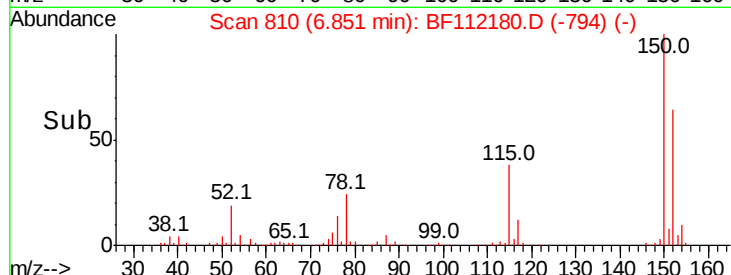
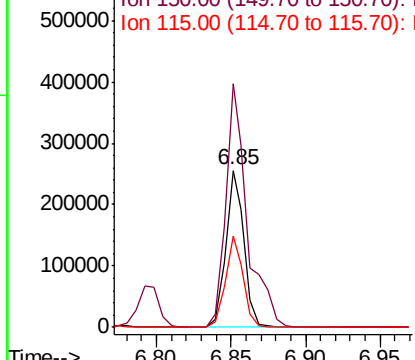


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

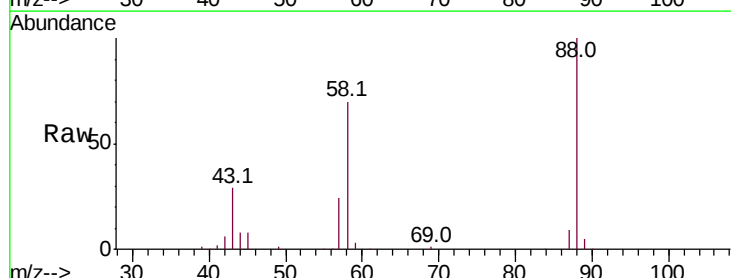
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.832 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.05 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	57.4	86.2
43	28.9	22.2	33.4

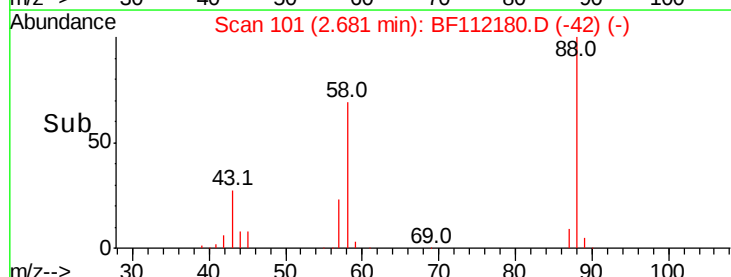
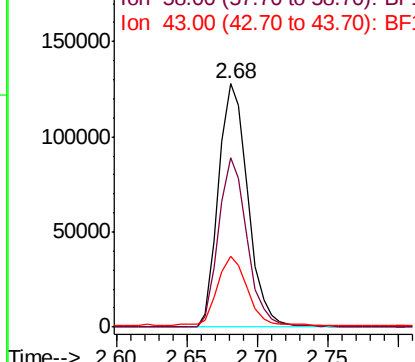


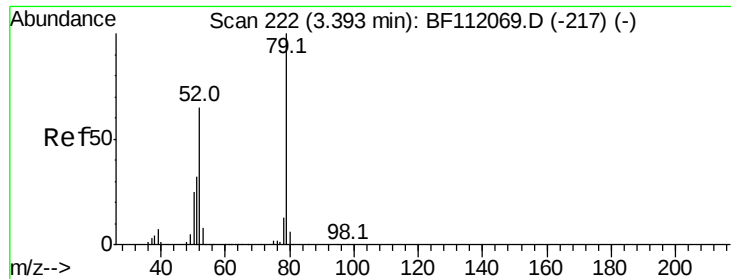
Abundance

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: 36.286 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.05 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

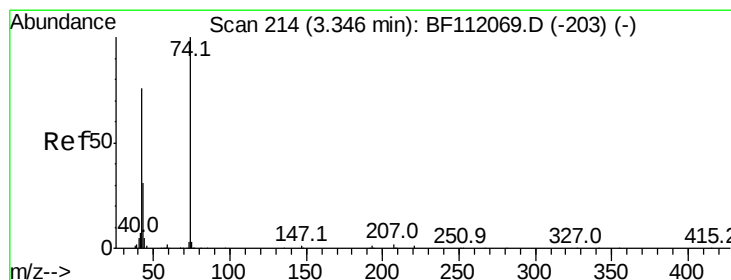
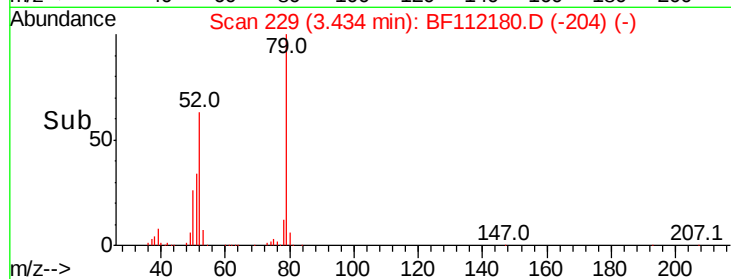
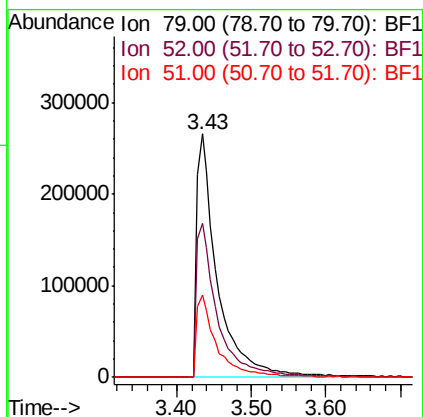
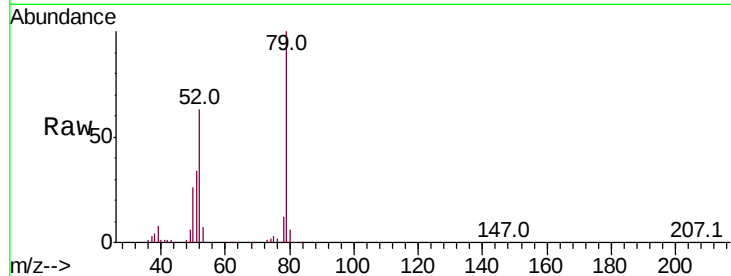
ClientSampleId :

PB116516BSD

Tot Ion:	79	Resp:	515513
Ion Ratio	Lower	Upper	
79	100		
52	63.3	52.4	78.6
51	34.0	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.249 ng

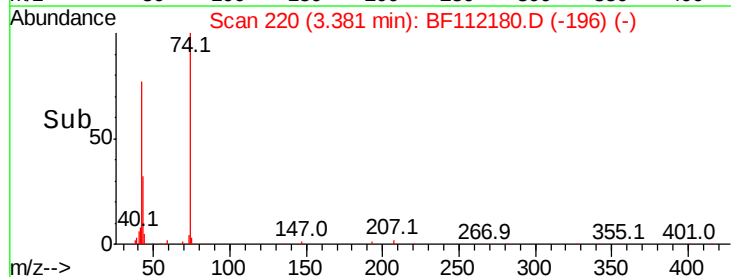
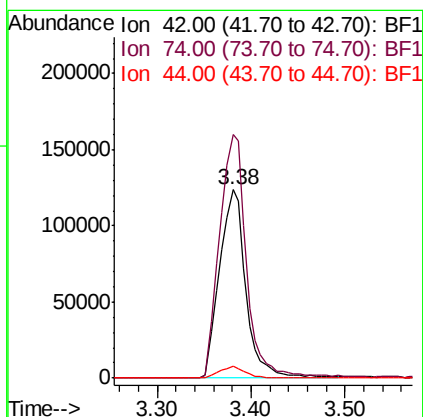
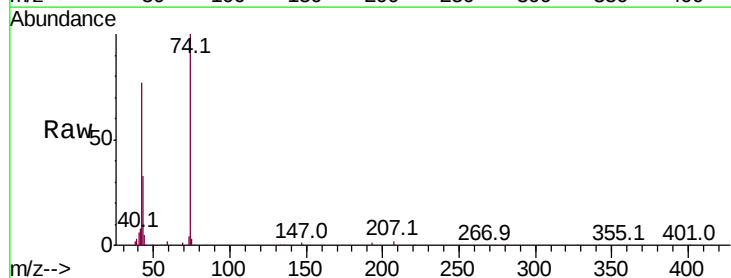
RT: 3.38 min Scan# 220

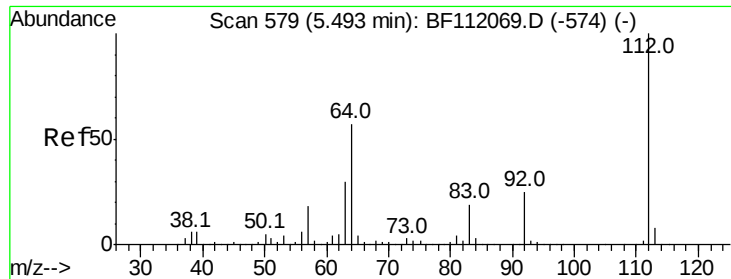
Delta R.T. 0.04 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion:	42	Resp:	243705
Ion Ratio	Lower	Upper	
42	100		
74	129.3	105.6	158.4
44	6.6	5.4	8.2





#5

2-Fluorophenol

Concen: 84.797 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.00 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

Tot Ion:112 Resp: 1025589

Ion Ratio Lower Upper

112 100

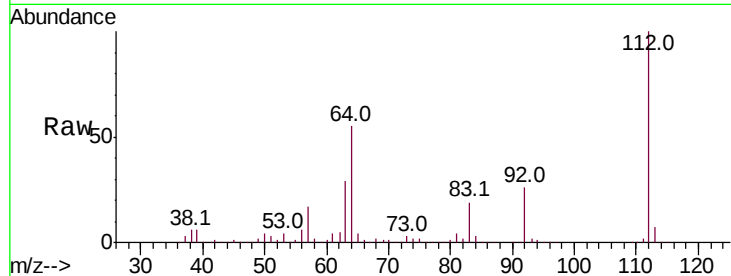
64 55.2 45.7 68.5

63 28.8 23.6 35.4

Manual Integrations
APPROVED

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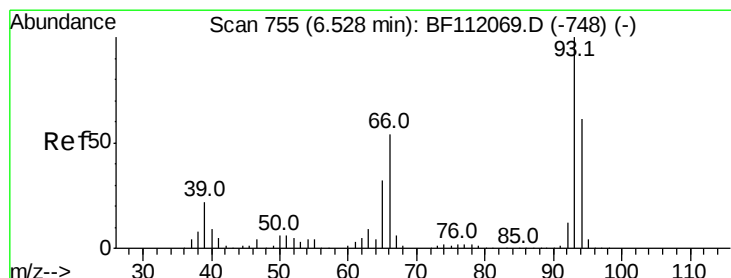
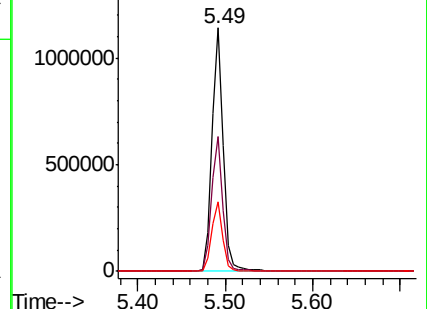
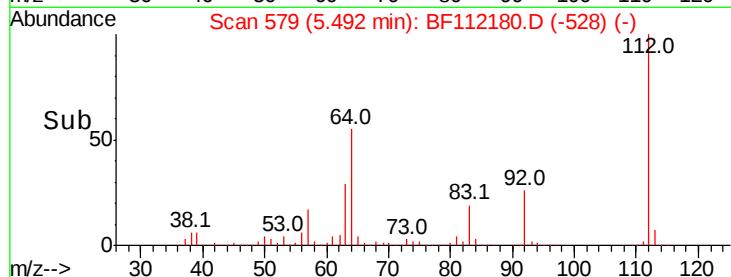
1/22/2019 9:59:16 AM



Abundance Ion 112.00 (111.70 to 112.70): BF112180.D (-528) (-)

Ion 64.00 (63.70 to 64.70): BF112180.D (-528) (-)

Ion 63.00 (62.70 to 63.70): BF112180.D (-528) (-)



#6

Aniline

Concen: 13.164 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

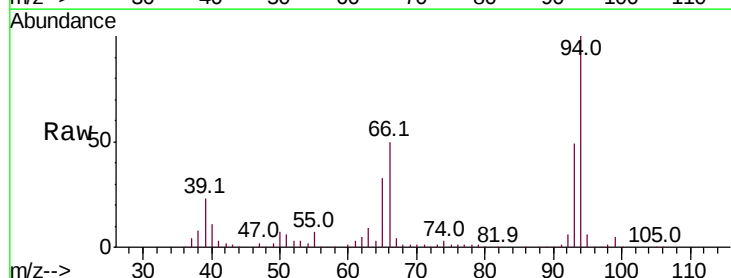
Tgt Ion: 93 Resp: 242275

Ion Ratio Lower Upper

93 100

66 103.9 43.4 65.2#

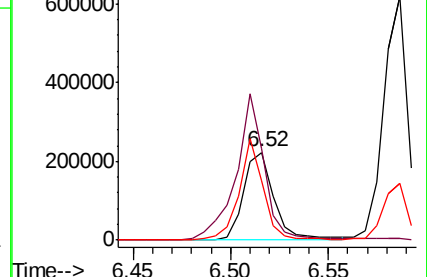
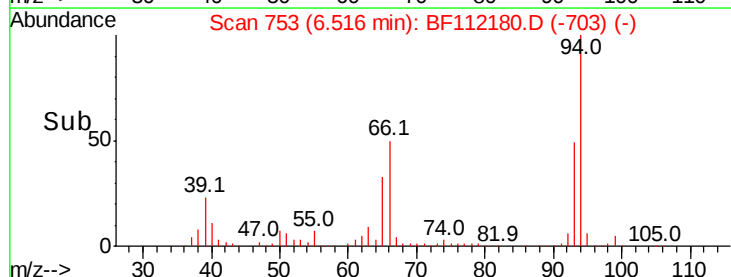
65 68.2 25.3 37.9#

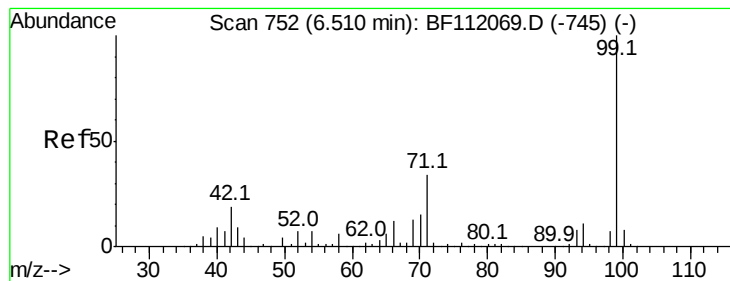


Abundance Ion 93.00 (92.70 to 93.70): BF112180.D (-703) (-)

Ion 66.00 (65.70 to 66.70): BF112180.D (-703) (-)

Ion 65.00 (64.70 to 65.70): BF112180.D (-703) (-)





#7

Phenol-d6

Concen: 81.528 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

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ClientSampleId :

PB116516BSD

Tot Ion: 99 Resp: 1233696

Ion Ratio Lower Upper

99 100

42 18.3 15.1 22.7

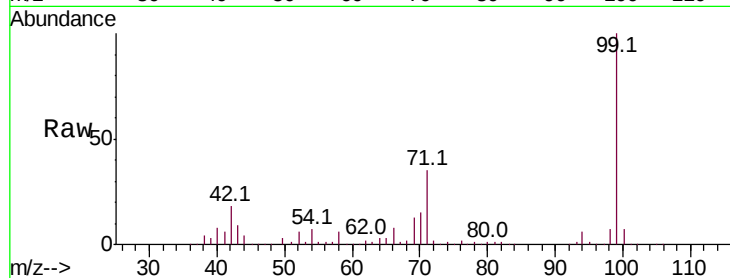
71 35.0 26.9 40.3

Manual Integrations

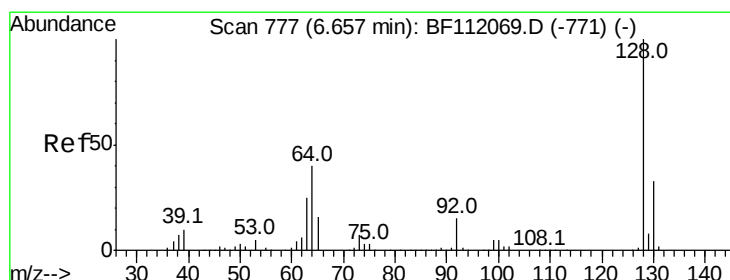
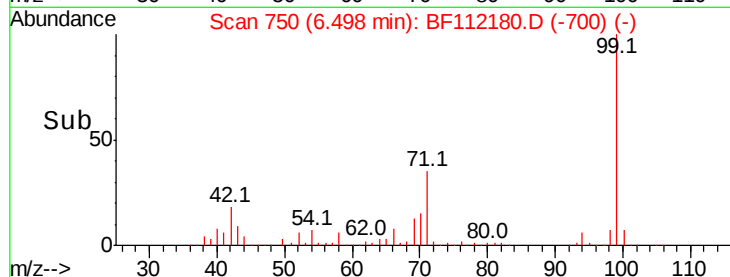
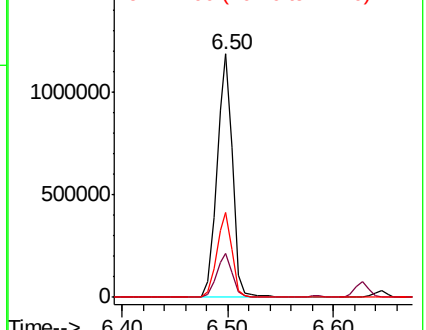
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.045 ng

RT: 6.65 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

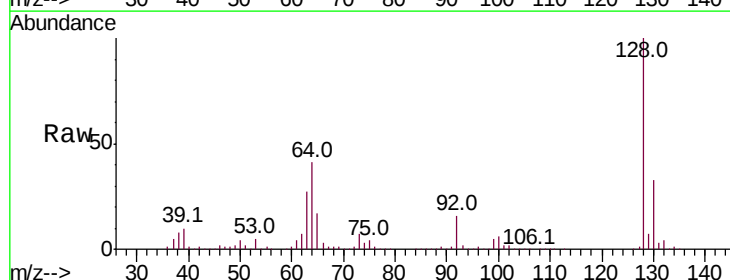
Tgt Ion: 128 Resp: 576544

Ion Ratio Lower Upper

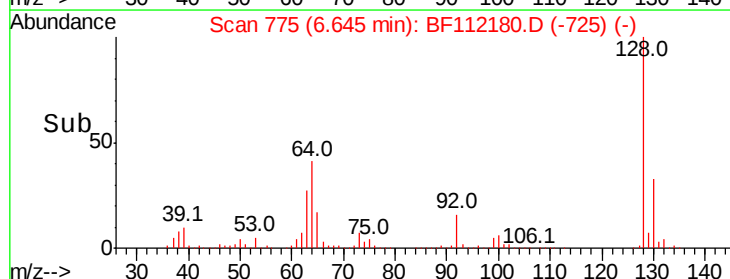
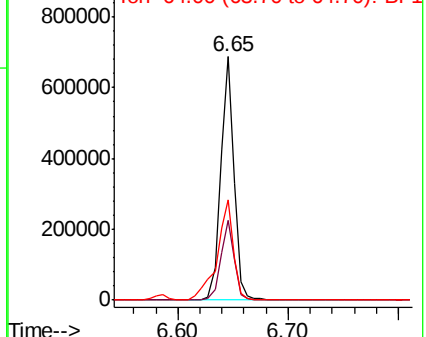
128 100

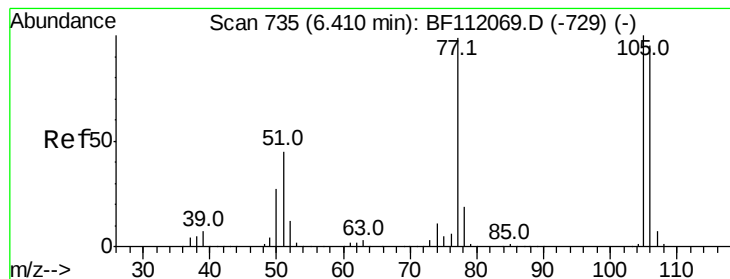
130 32.7 13.4 53.4

64 41.3 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.844 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF112180.D

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Instrument :

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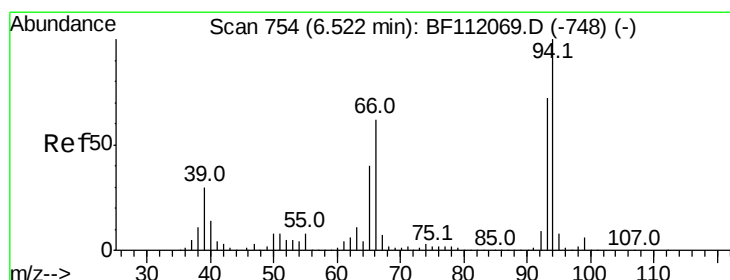
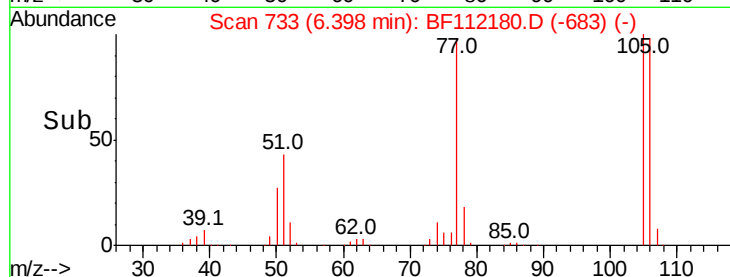
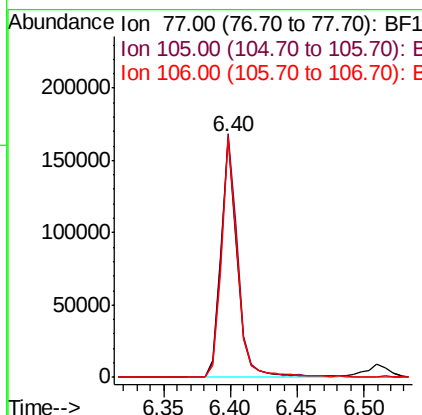
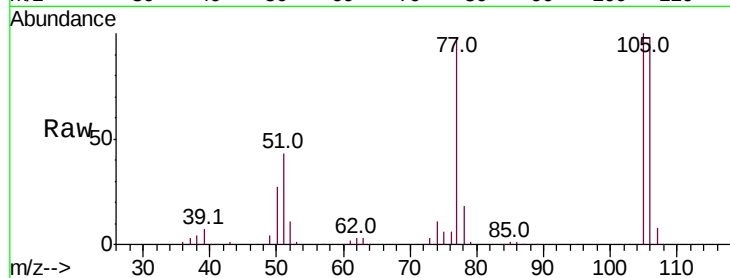
ClientSampleId :

PB116516BSD

Tot Ion:	77	Resp:	145120
Ion	Ratio	Lower	Upper
77	100		
105	101.5	80.8	120.8
106	99.9	75.7	115.7

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#10

Phenol

Concen: 38.693 ng

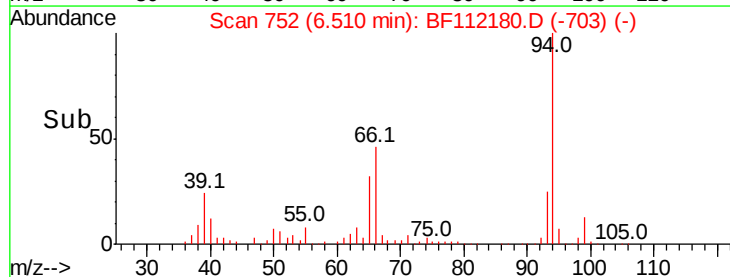
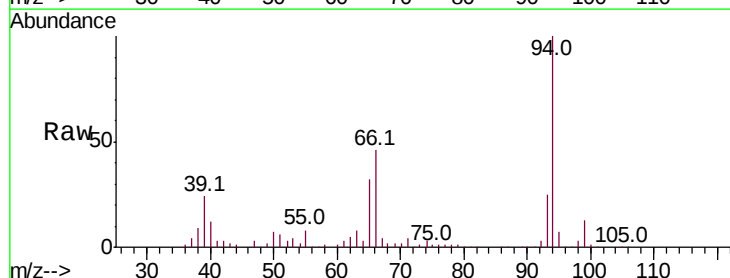
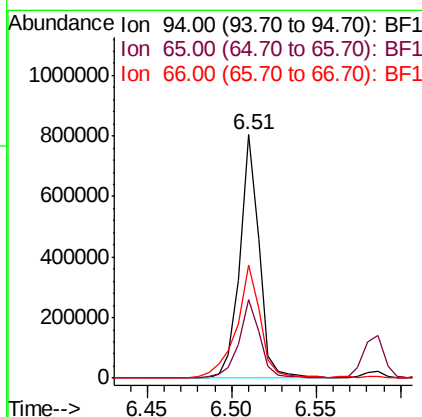
RT: 6.51 min Scan# 752

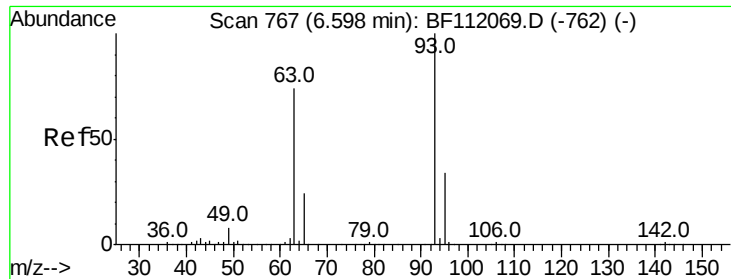
Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion:	94	Resp:	639901
Ion	Ratio	Lower	Upper
94	100		
65	32.2	20.3	60.3
66	46.2	42.4	82.4





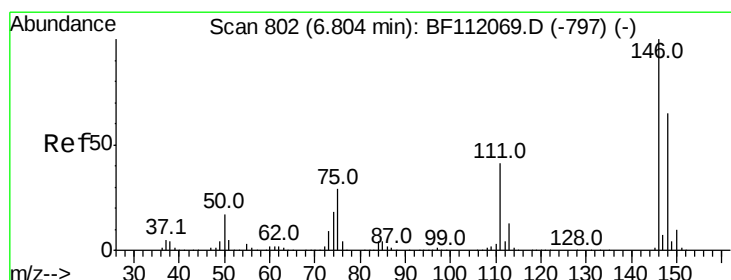
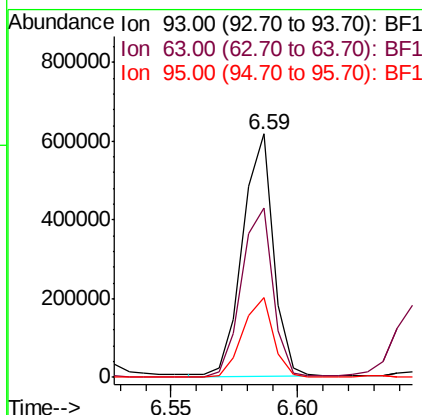
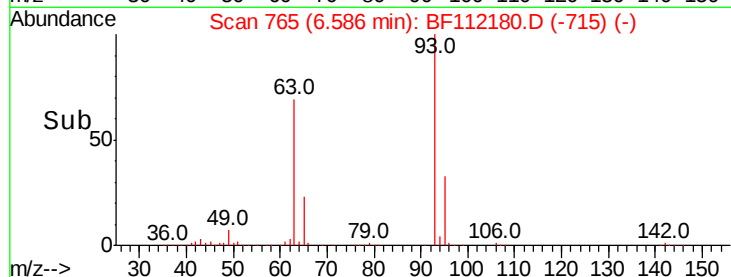
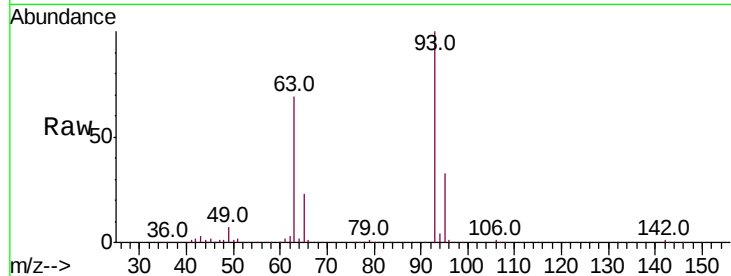
#11
bis(2-Chloroethyl)ether
Concen: 39.692 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.4	53.3	93.3
95	32.5	13.4	53.4

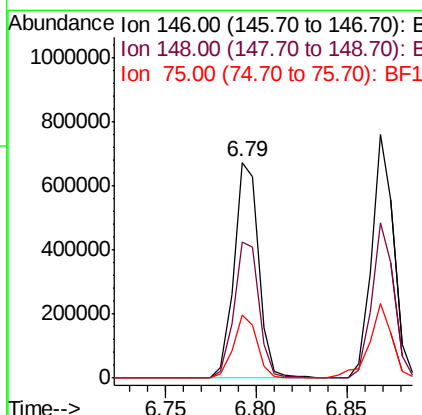
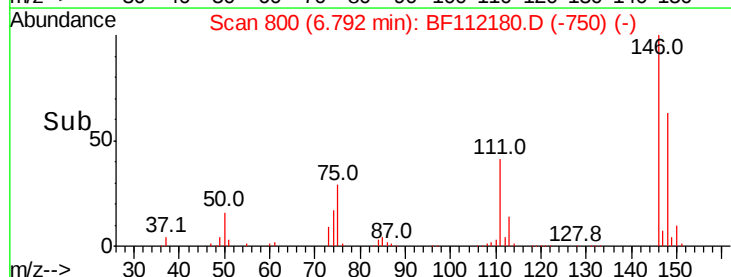
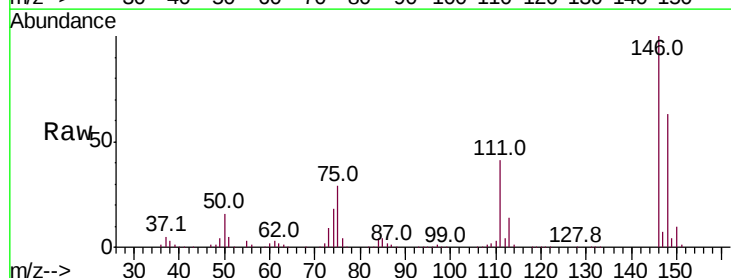
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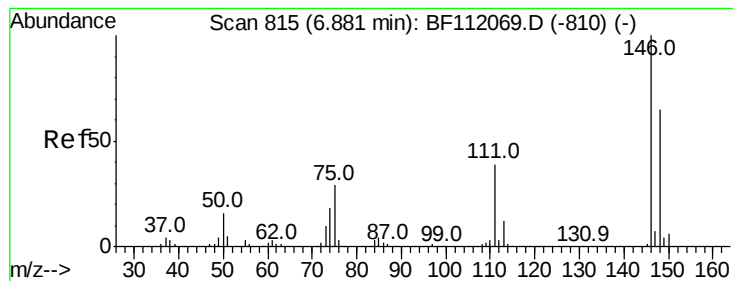
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#12
1,3-Dichlorobenzene
Concen: 39.684 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.8	77.8
75	29.2	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 39.671 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

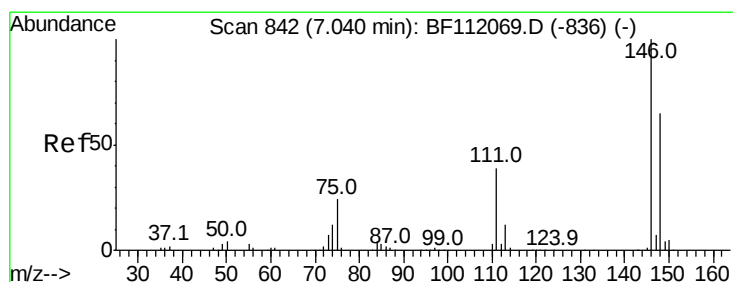
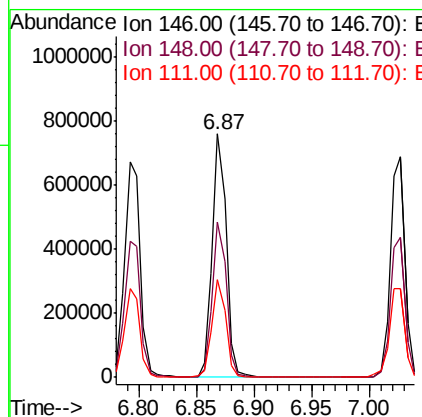
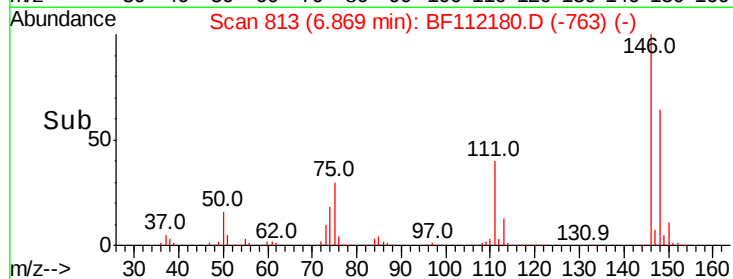
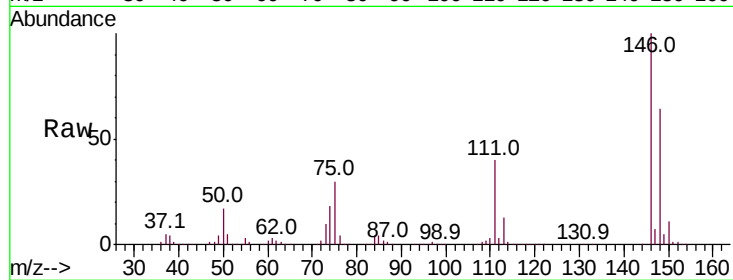
ClientSampled :

PB116516BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.0	78.0
111	40.4	31.2	46.8

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#14

1,2-Dichlorobenzene

Concen: 39.915 ng

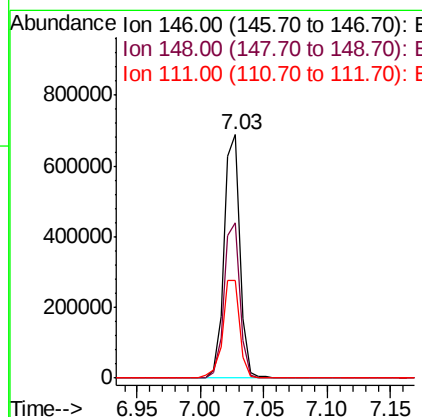
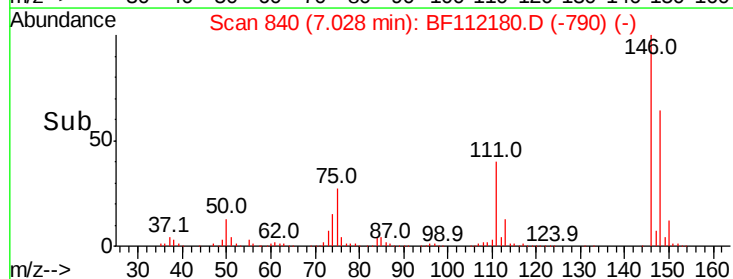
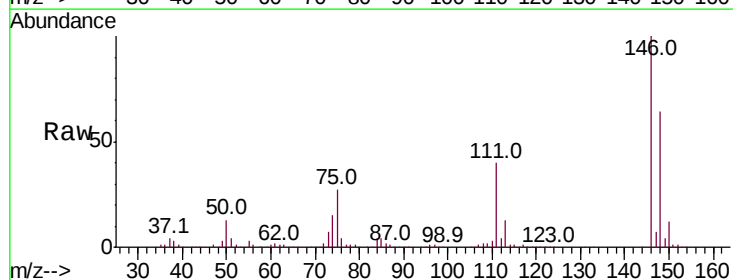
RT: 7.03 min Scan# 840

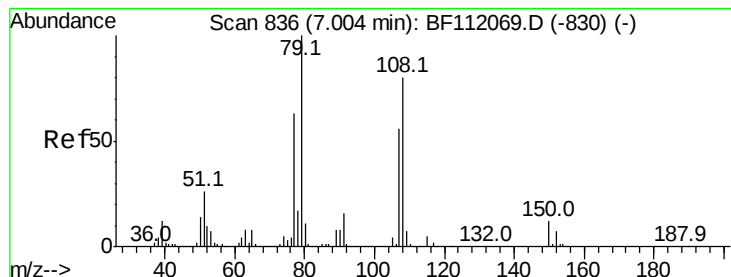
Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.4
111	40.3	31.2	46.8





#15

Benzyl Alcohol

Concen: 40.287 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

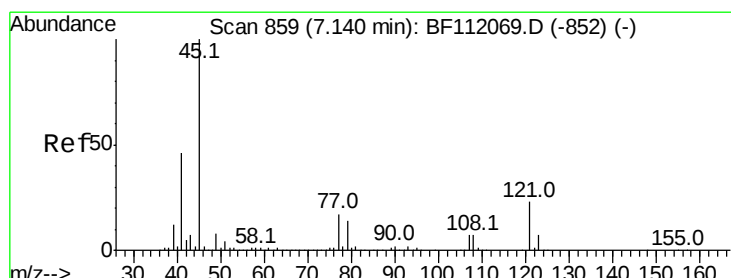
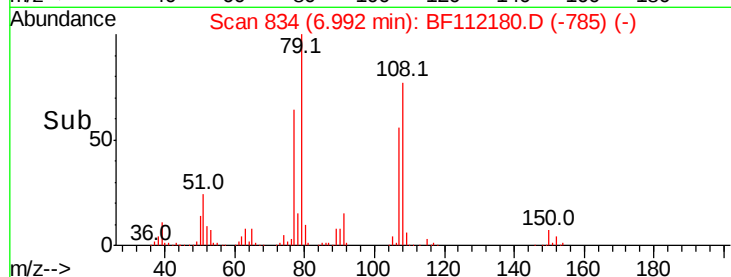
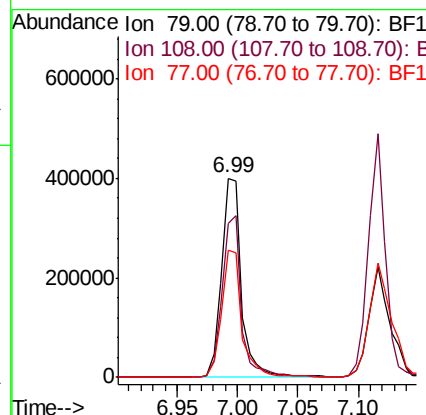
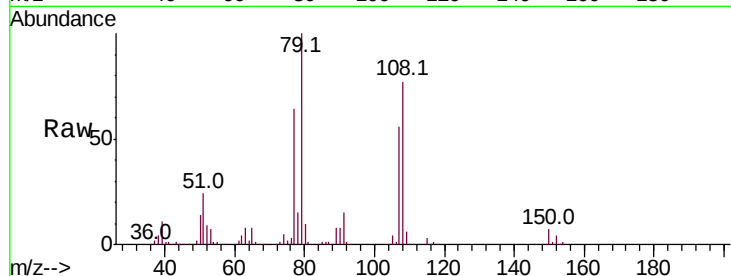
ClientSampleId :

PB116516BSD

Tot Ion:	79	Resp:	454200
Ion Ratio	Lower	Upper	
79	100		
108	76.9	64.2	96.2
77	63.6	50.3	75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.237 ng

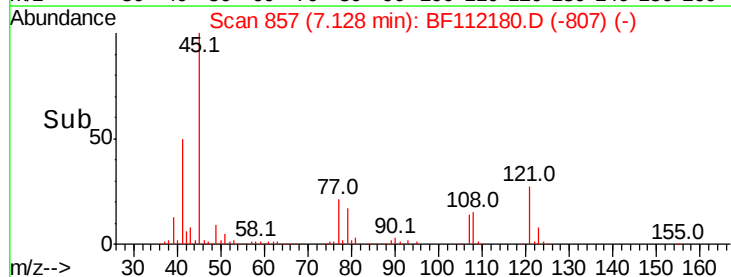
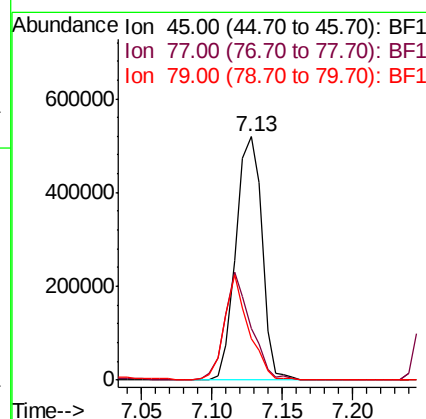
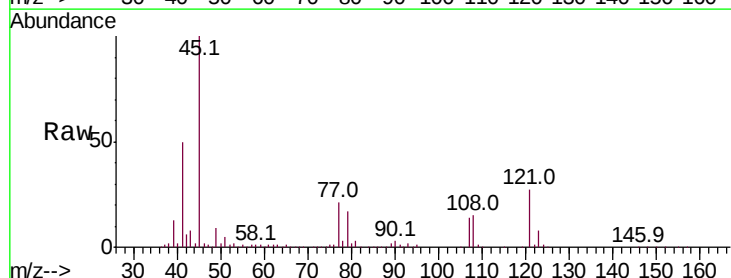
RT: 7.13 min Scan# 857

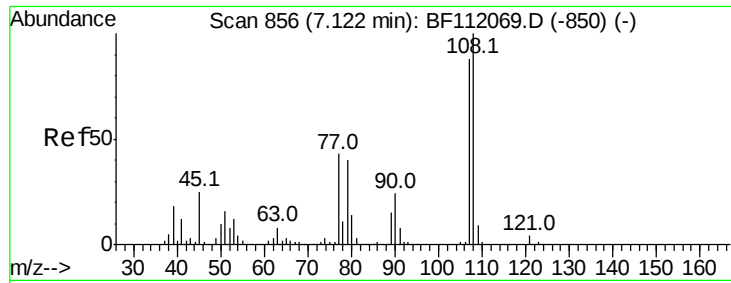
Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion:	45	Resp:	668178
Ion Ratio	Lower	Upper	
45	100		
77	21.0	0.0	36.9
79	17.1	0.0	34.0





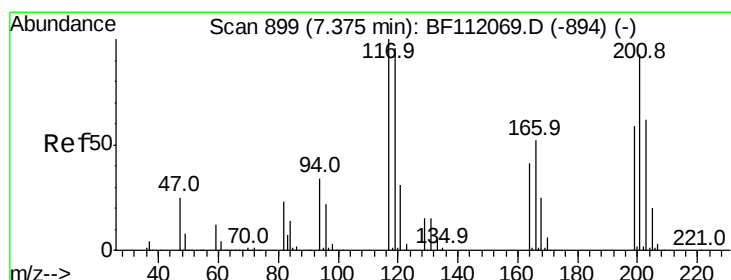
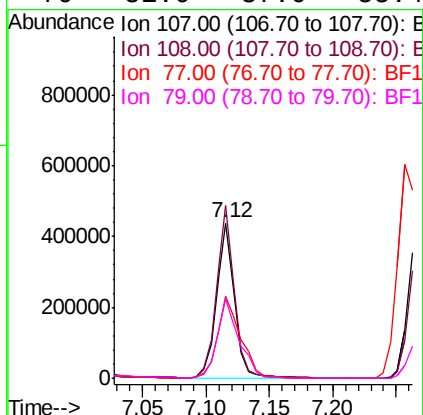
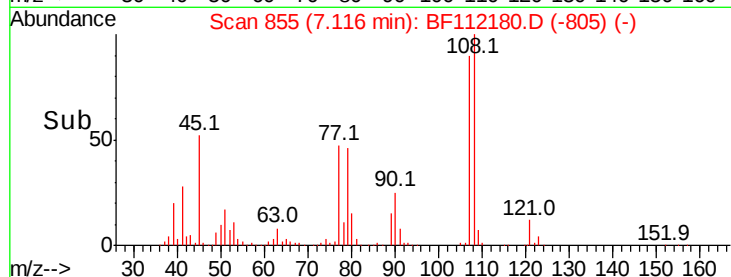
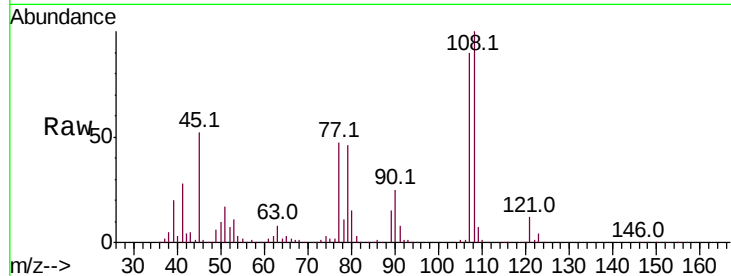
#17
2-Methylphenol
Concen: 41.546 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	111.7	91.3	136.9		
77	52.6	39.0	58.6		
79	51.0	37.0	55.4		

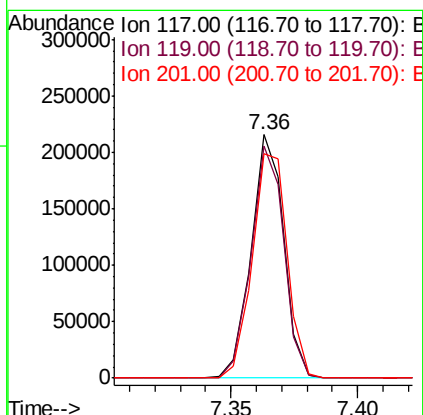
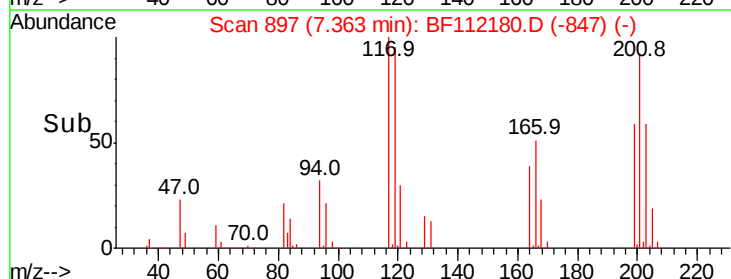
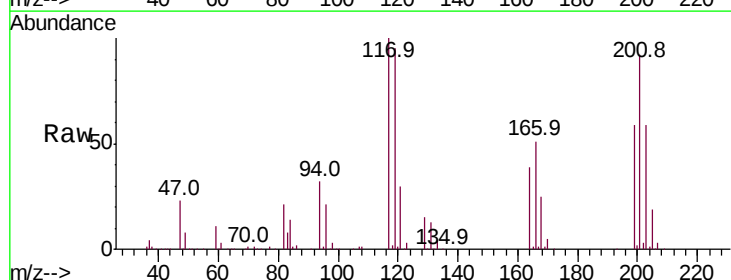
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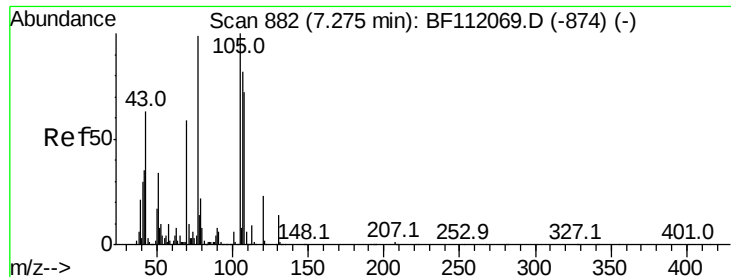
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#18
Hexachloroethane
Concen: 35.129 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.4	77.0	115.4		
201	92.4	74.1	111.1		





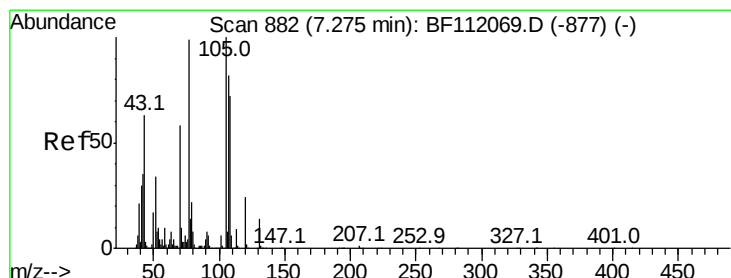
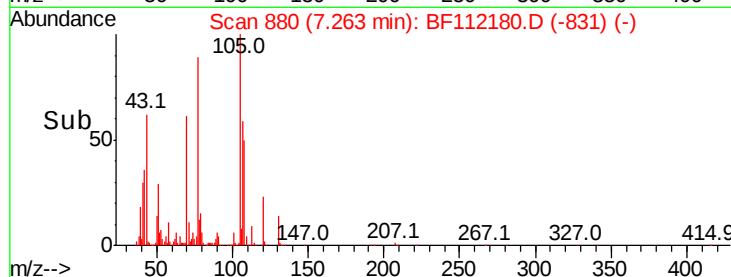
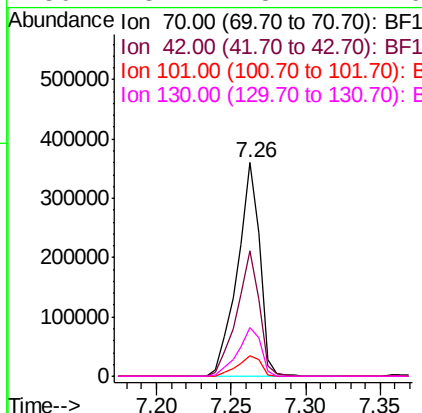
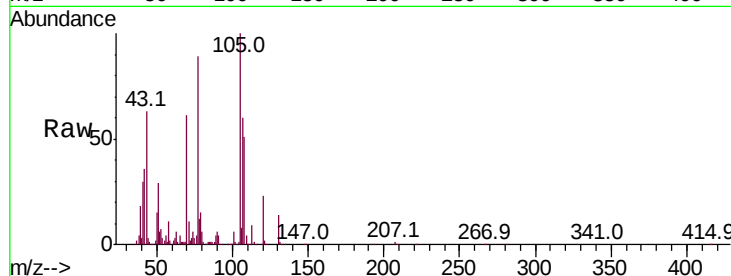
#19
n-Nitroso-di-n-propylamine
Concen: 41.231 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampled :
PB116516BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.6	47.6	71.4
101	9.8	7.9	11.9
130	23.1	18.4	27.6

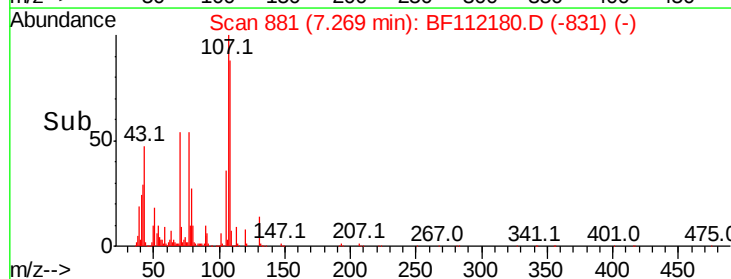
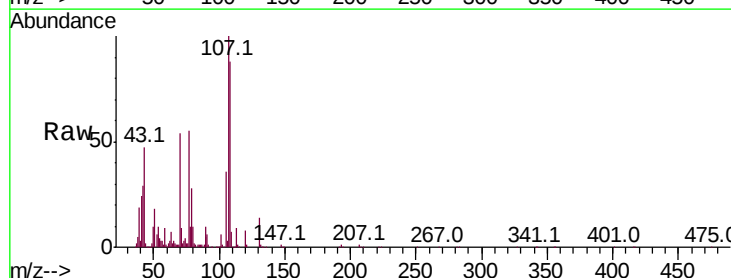
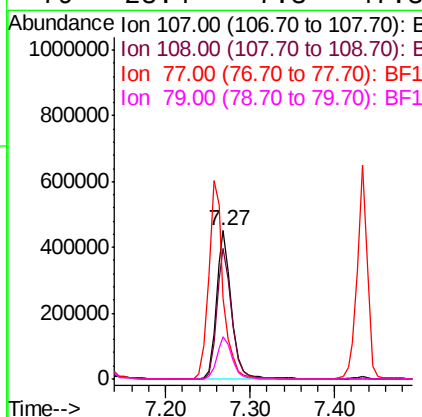
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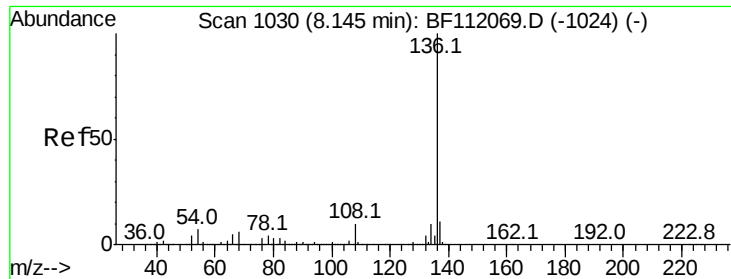
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#20
3+4-Methylphenols
Concen: 43.597 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	68.2	108.2
77	54.8	100.7	140.7#
79	28.4	7.3	47.3





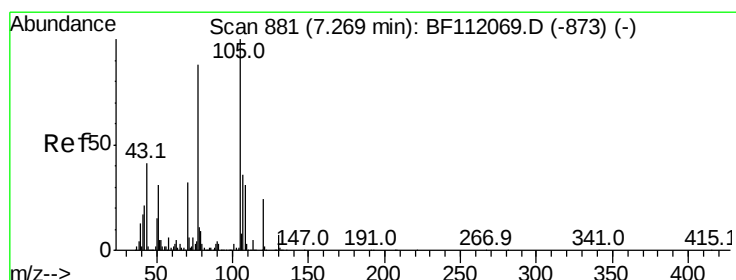
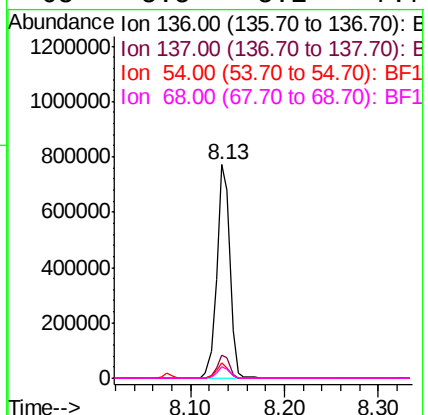
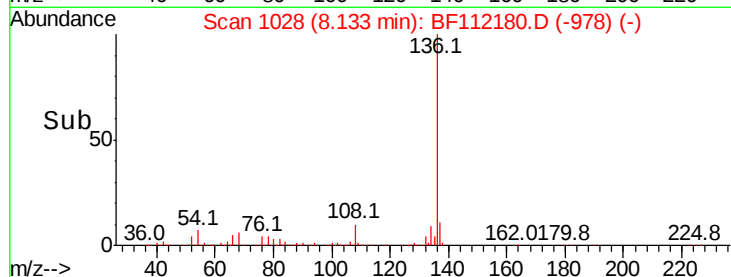
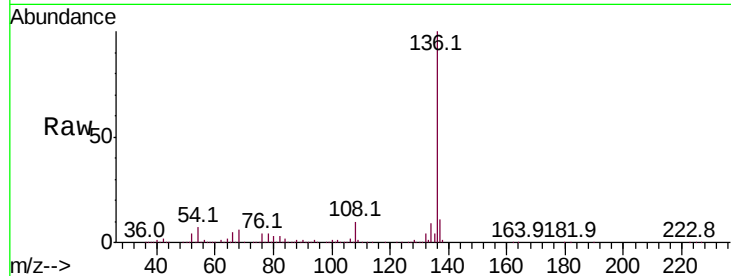
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	6.9	5.9	8.9	
68	5.5	5.1	7.7	

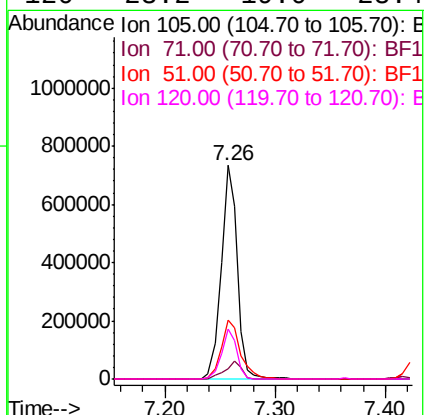
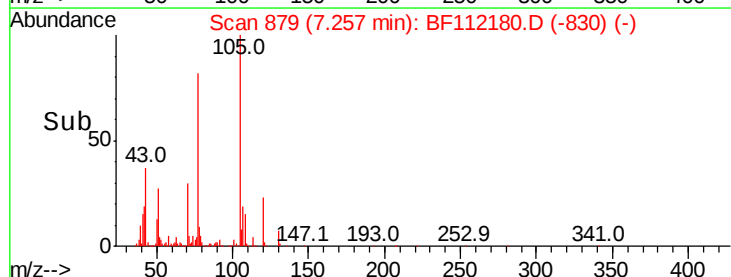
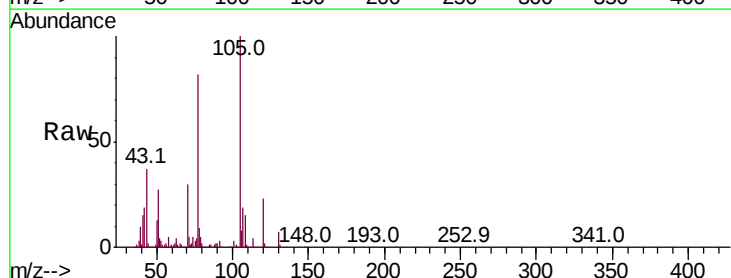
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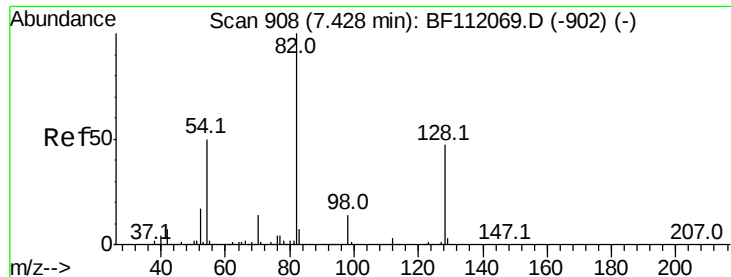
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#22
Acetophenone
Concen: 42.633 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.1	4.6	6.8	
51	27.5	25.0	37.6	
120	23.2	19.0	28.4	





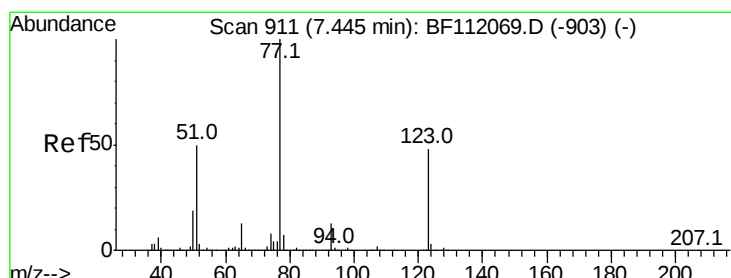
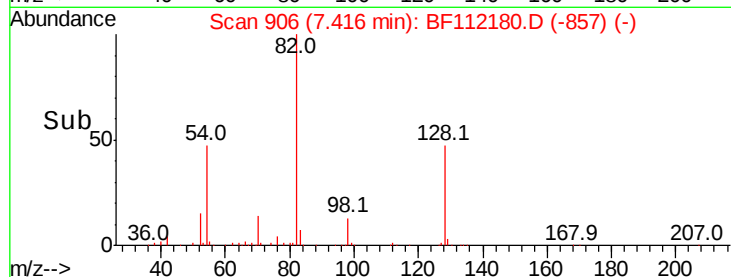
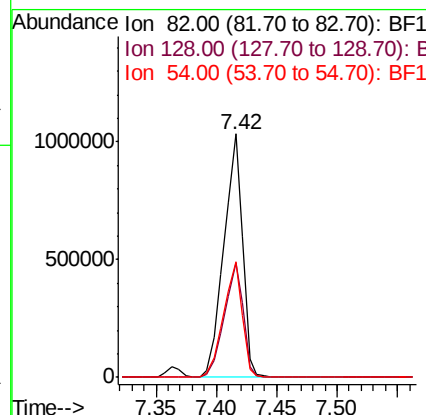
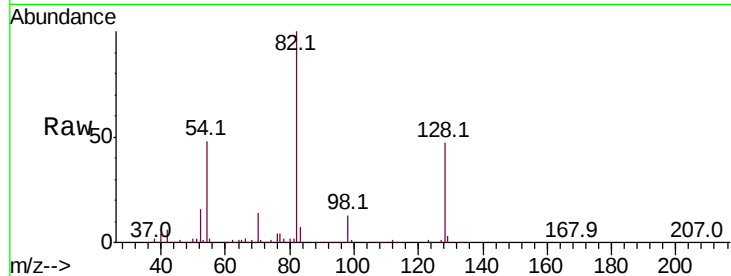
#23
 Nitrobenzene-d5
 Concen: 101.122 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampled :
 PB116516BSD

Tot Ion: 82 Resp: 1102516
 Ion Ratio Lower Upper
 82 100
 128 46.9 37.8 56.8
 54 47.6 39.7 59.5

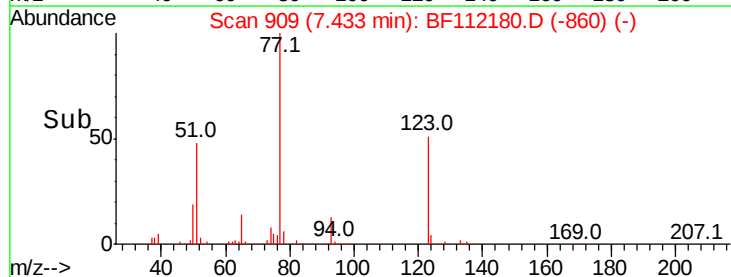
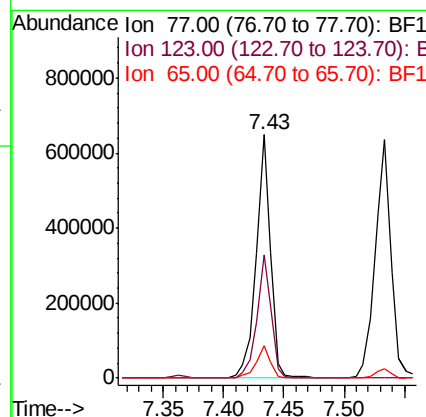
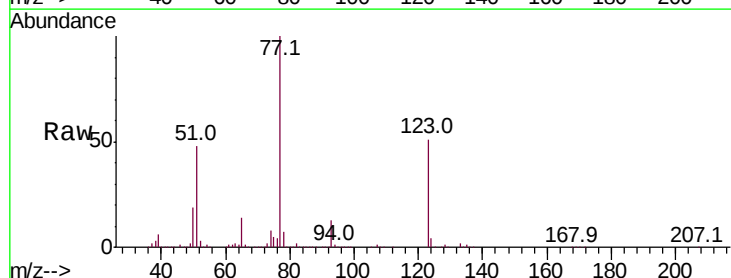
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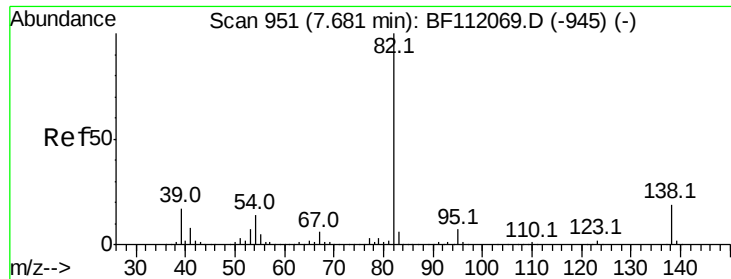
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#24
 Nitrobenzene
 Concen: 46.745 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion: 77 Resp: 540135
 Ion Ratio Lower Upper
 77 100
 123 50.6 38.4 57.6
 65 13.5 10.6 15.8





#25

Isophorone

Concen: 46.242 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

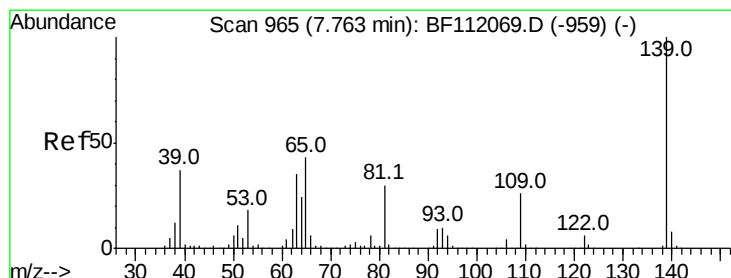
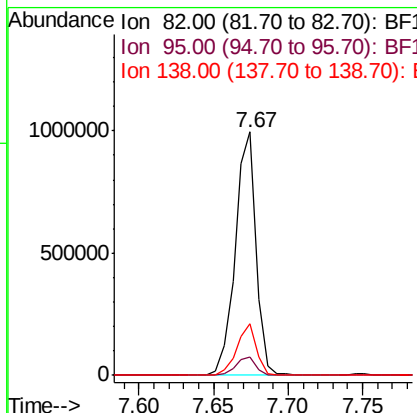
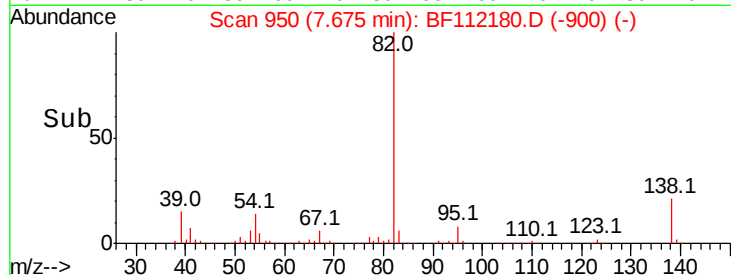
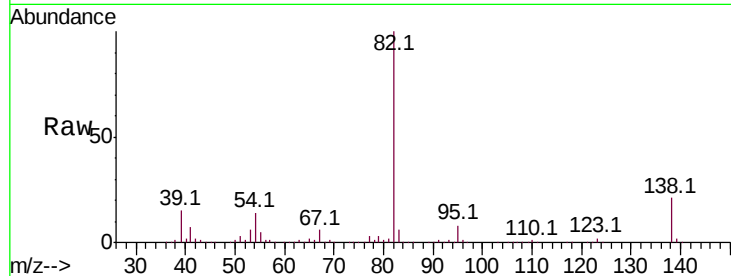
ClientSampled :

PB116516BSD

Tot Ion:	82	Resp:	973811
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.7	8.5
138	21.2	15.4	23.0

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#26

2-Nitrophenol

Concen: 42.680 ng

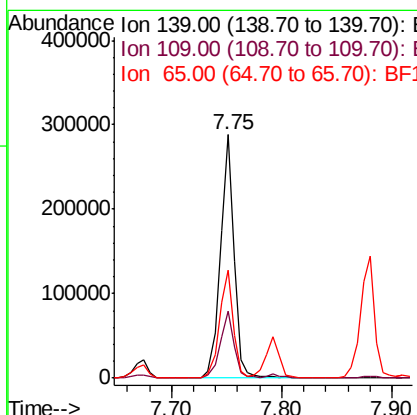
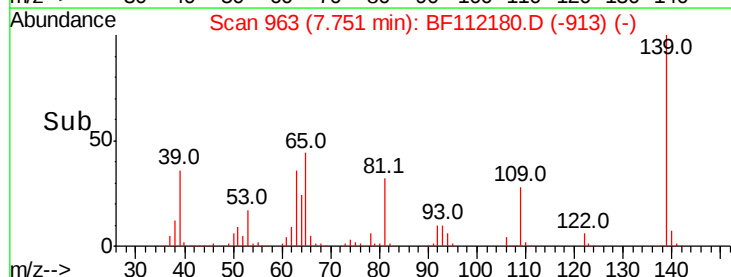
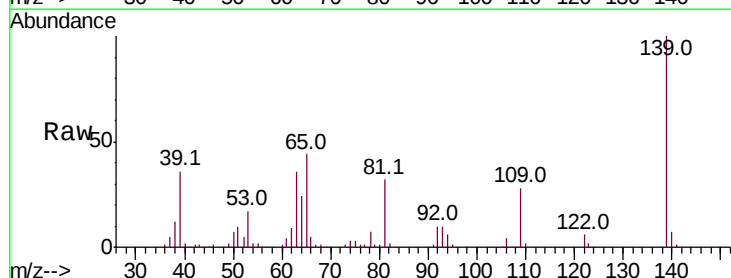
RT: 7.75 min Scan# 963

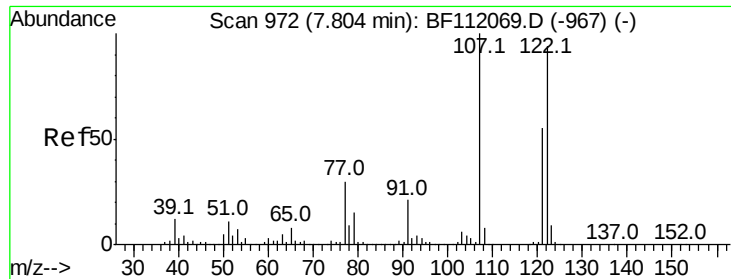
Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion:	139	Resp:	249064
Ion Ratio	Lower	Upper	
139	100		
109	27.8	20.8	31.2
65	44.1	34.4	51.6





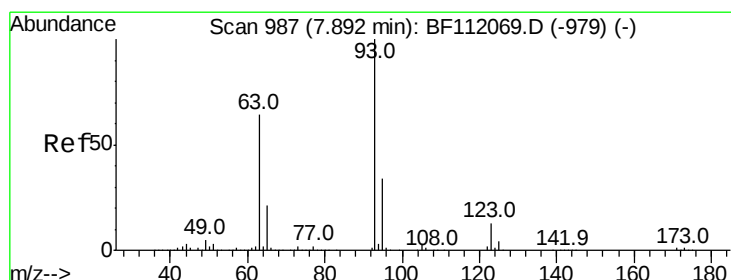
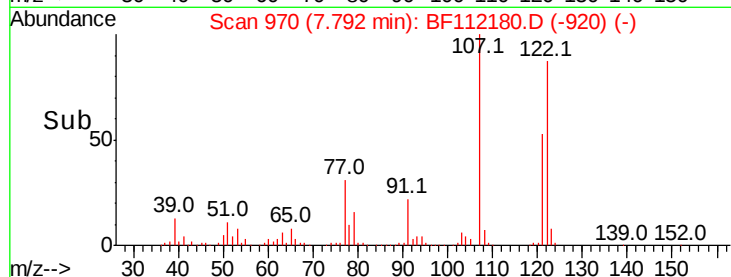
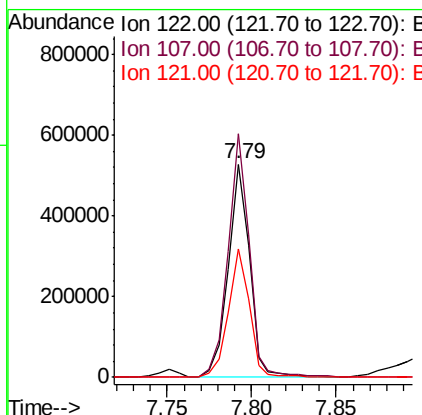
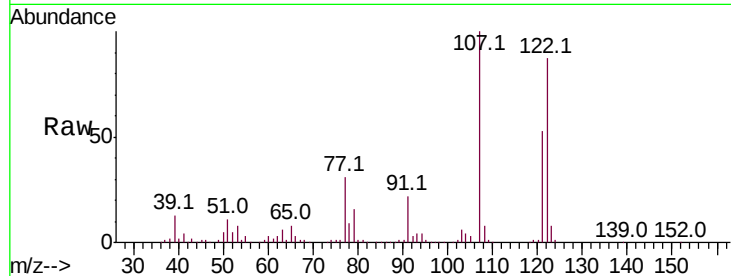
#27
2,4-Dimethylphenol
Concen: 47.377 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	463125		
107	114.4	85.4	128.0	
121	60.4	47.0	70.4	

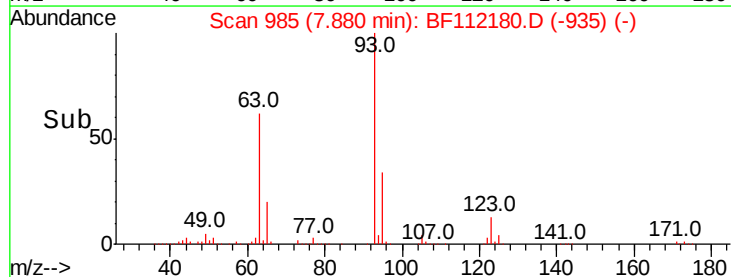
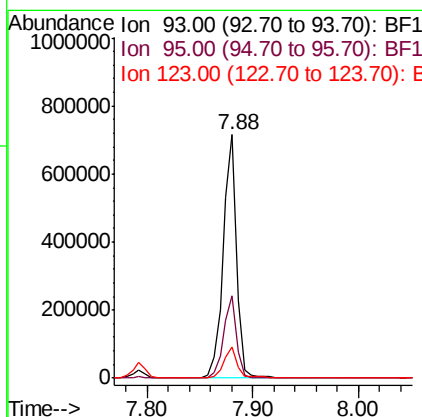
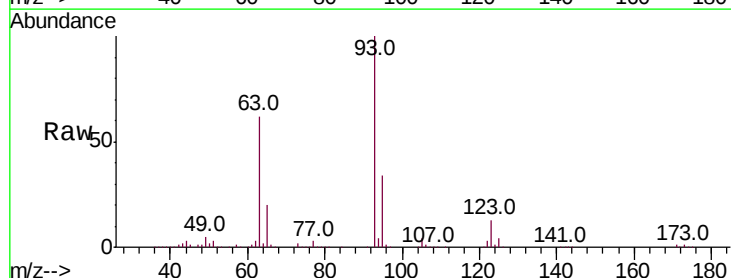
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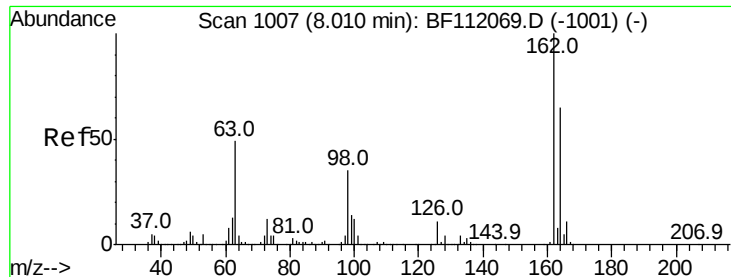
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#28
bis(2-Chloroethoxy)methane
Concen: 44.123 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	637384		
95	33.6	26.8	40.2	
123	12.7	10.2	15.2	





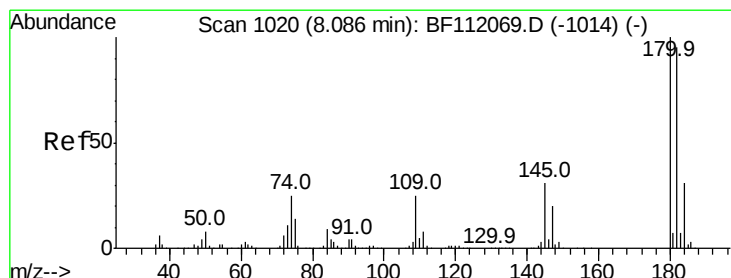
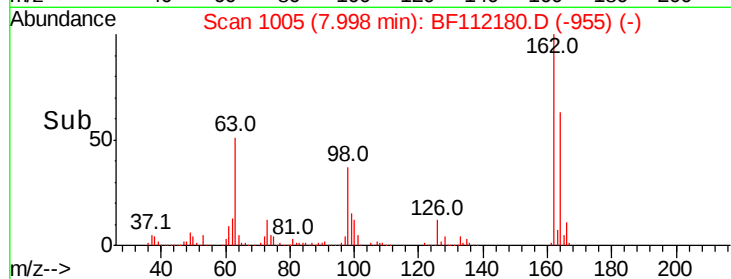
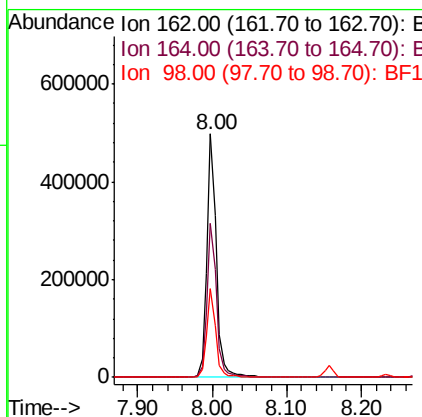
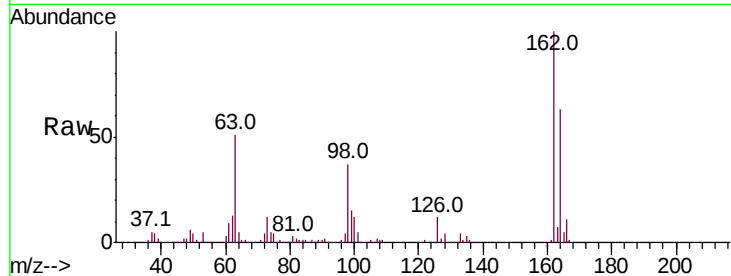
#29
2,4-Dichlorophenol
Concen: 41.376 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	441840		
164	63.2	44.6	84.6	
98	36.6	14.6	54.6	

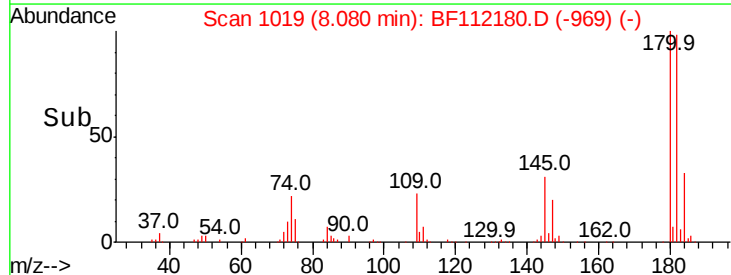
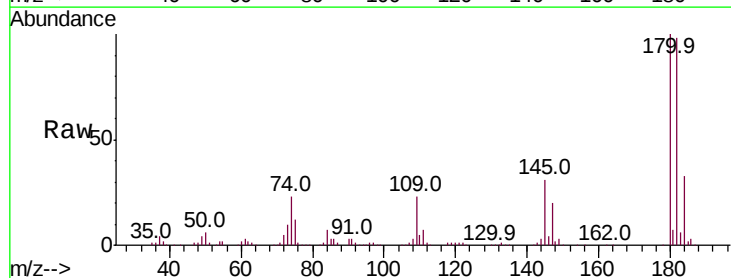
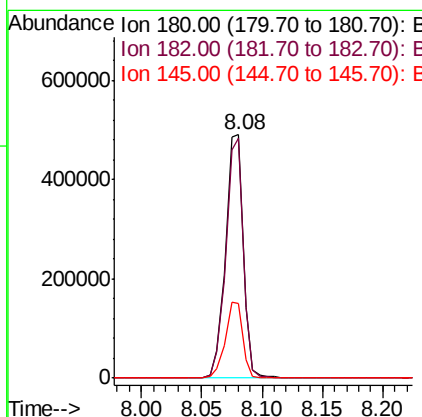
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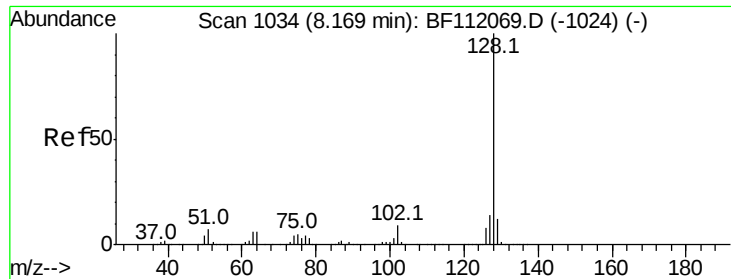
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#30
1,2,4-Trichlorobenzene
Concen: 40.460 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	501407		
182	98.4	76.4	114.6	
145	30.7	25.0	37.4	





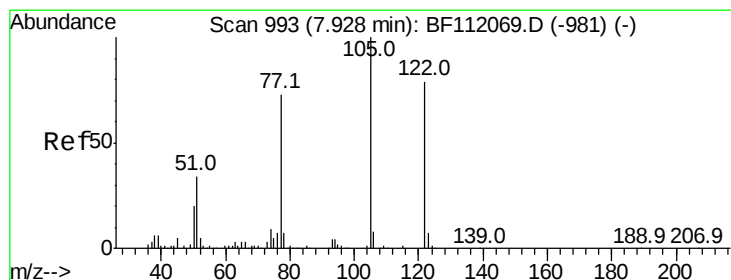
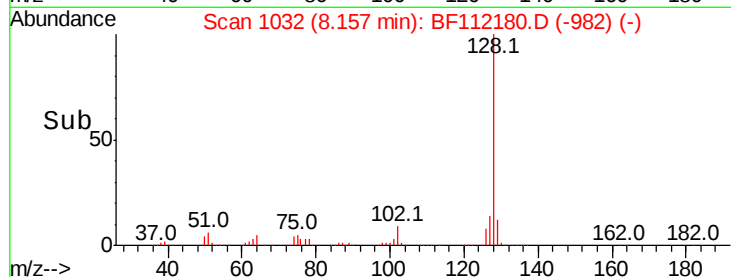
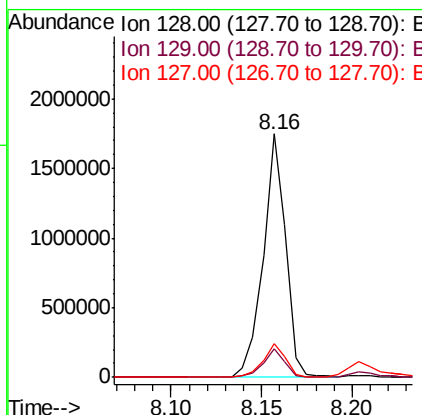
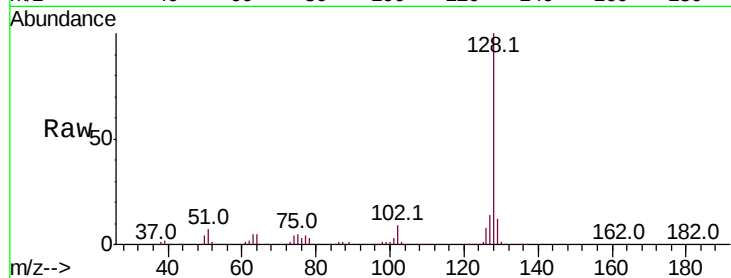
#31
Naphthalene
Concen: 44.055 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	14.0	11.1	16.7

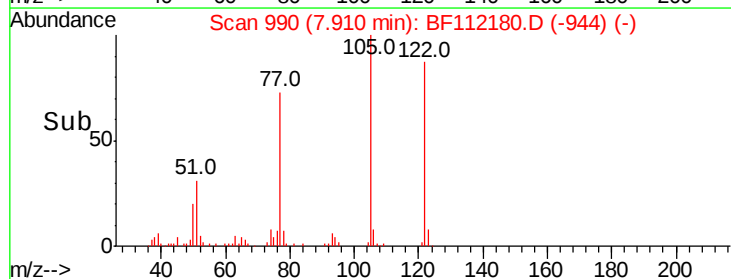
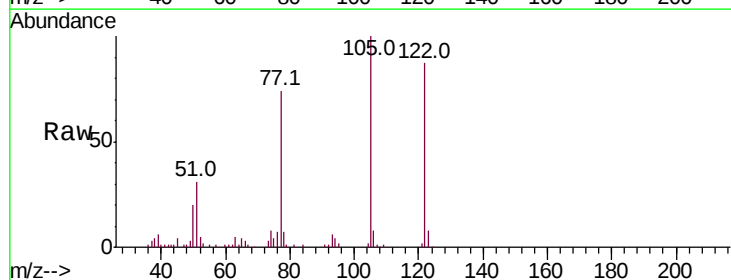
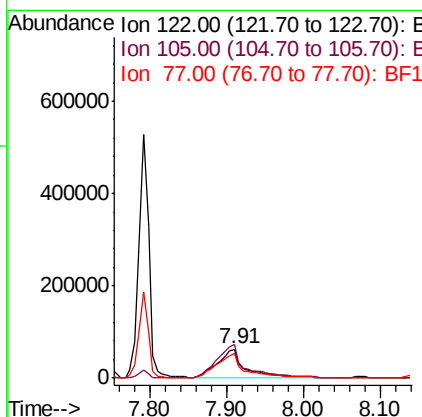
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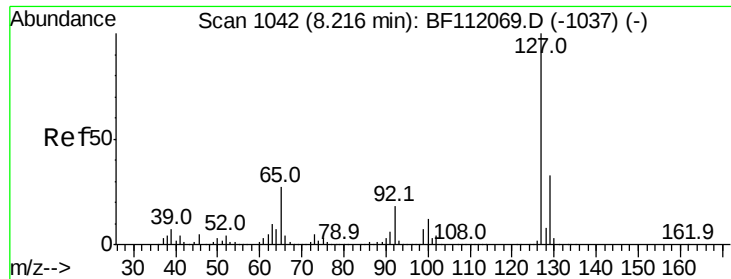
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#32
Benzoic acid
Concen: 38.199 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.7	101.2	141.2
77	84.8	70.4	110.4





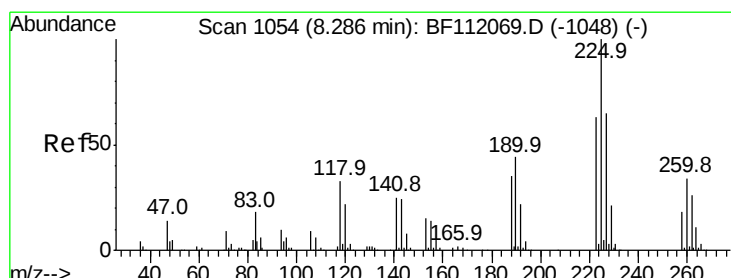
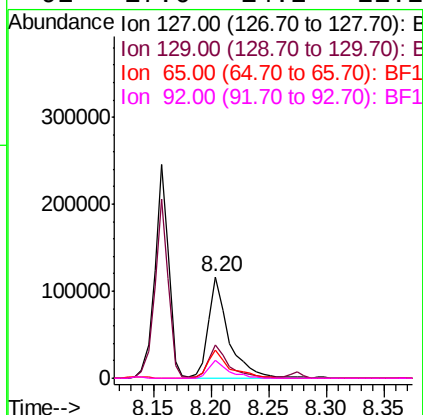
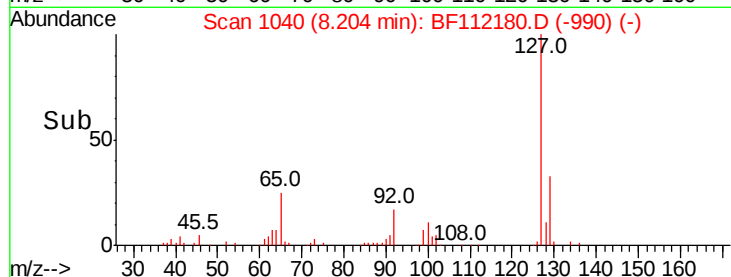
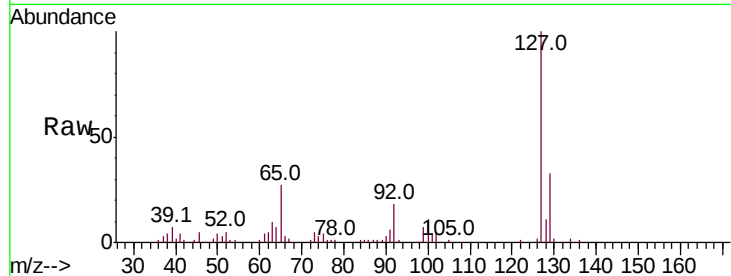
#33
4-Chloroaniline
Concen: 9.297 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	26.6	39.8		
65	27.4	21.4	32.2		
92	17.6	14.2	21.2		

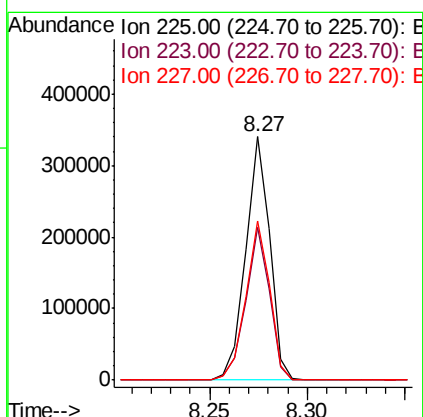
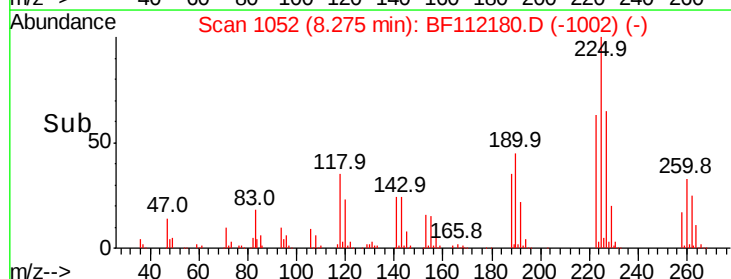
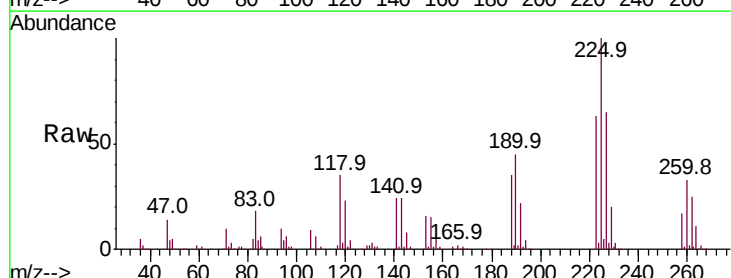
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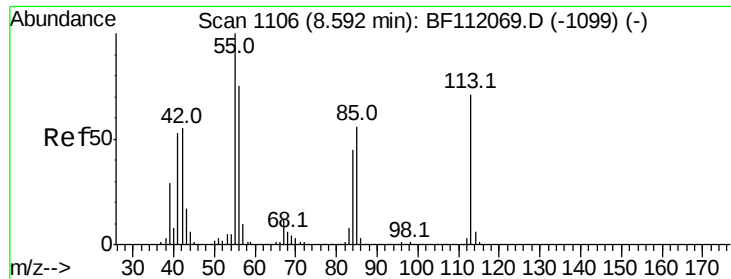
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#34
Hexachlorobutadiene
Concen: 42.220 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.3	75.5		
227	65.2	51.8	77.8		





#35

Caprolactam

Concen: 33.713 ng/ml

RT: 8.57 min Scan# 1102

Delta R.T. -0.03 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

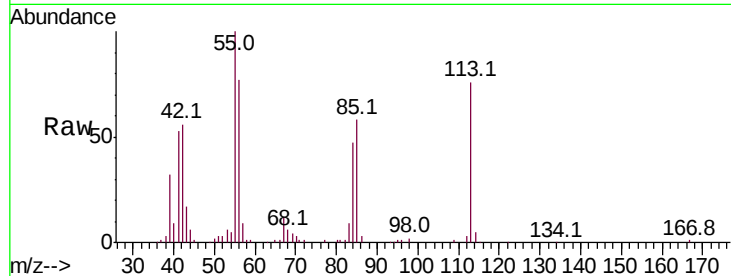
ClientSampleId :

PB116516BSD

Tot Ion:	113	Resp:	126001
Ion Ratio	Lower	Upper	
113	100		
55	131.1	121.6	161.6
56	101.4	86.7	126.7

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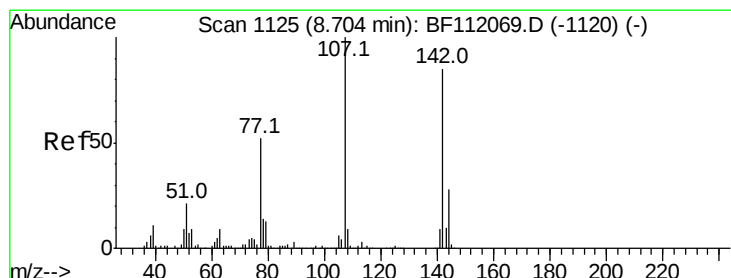
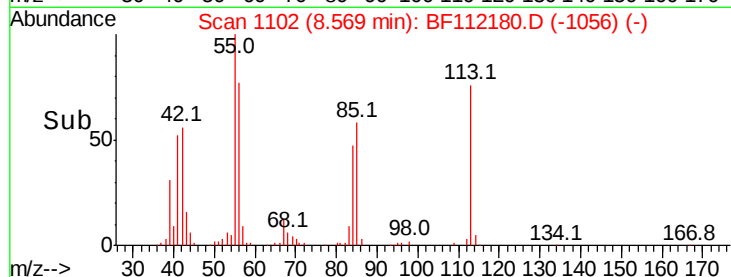
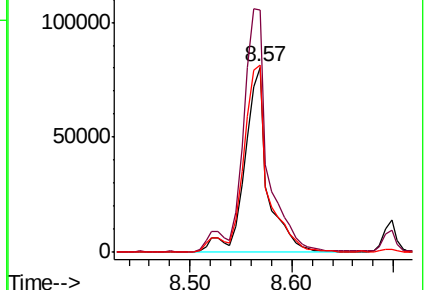
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.710 ng/ml

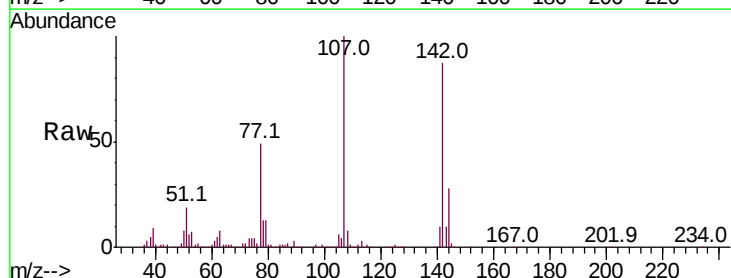
RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

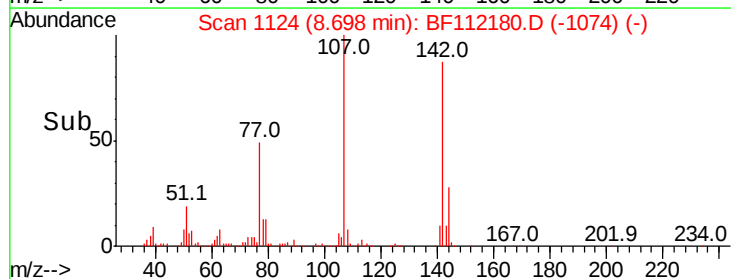
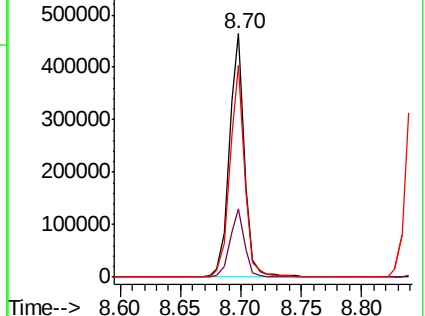
Tgt Ion:	107	Resp:	403739
Ion Ratio	Lower	Upper	
107	100		
144	28.2	22.2	33.2
142	86.7	67.7	101.5

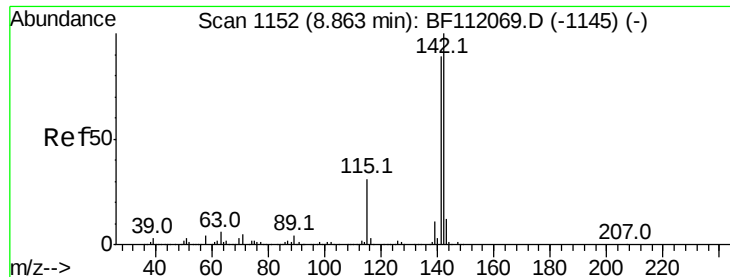


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





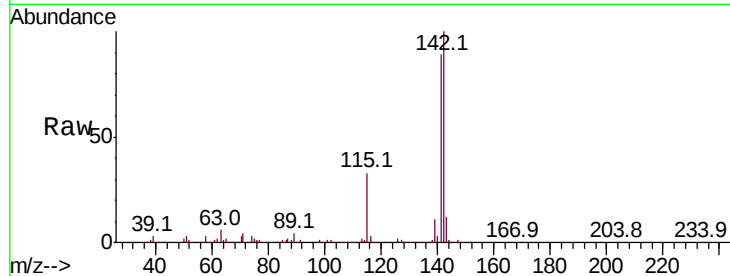
#37
2-Methylnaphthalene
Concen: 42.683 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	993009		
141	89.3	70.9	106.3	
115	32.8	24.9	37.3	

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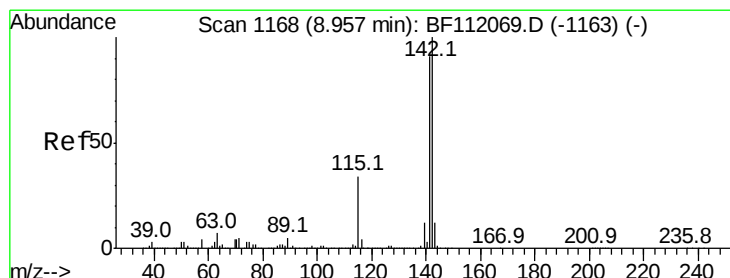
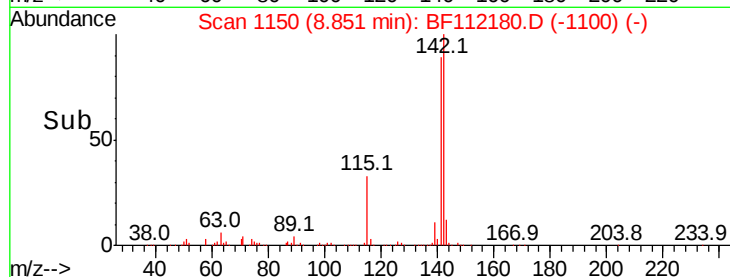
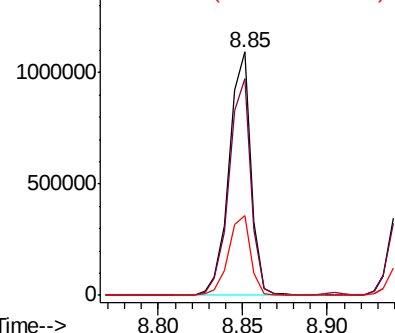


Abundance

Ion 142.00 (141.70 to 142.70): E

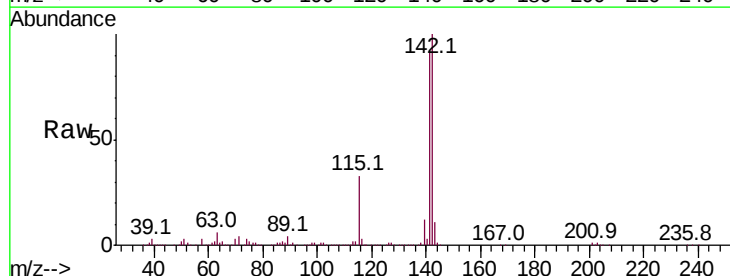
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 41.416 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	926011		
141	91.7	72.6	108.8	
116	3.5	2.8	4.2	

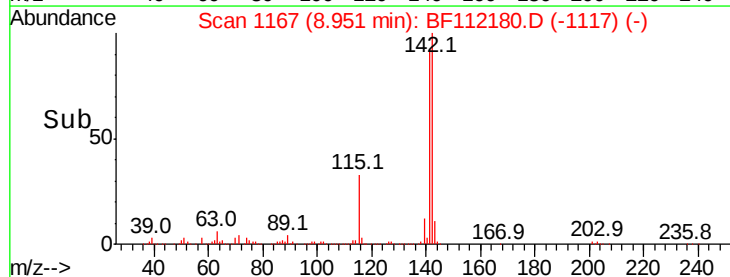
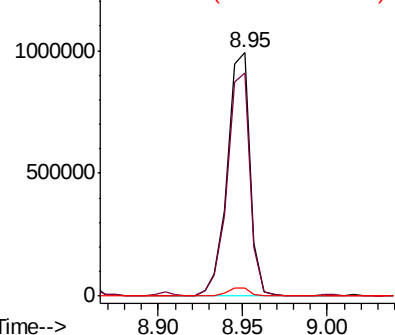


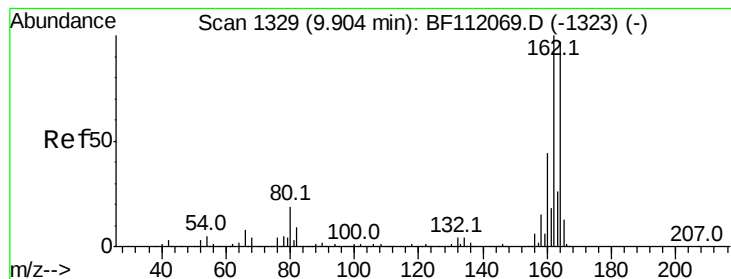
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

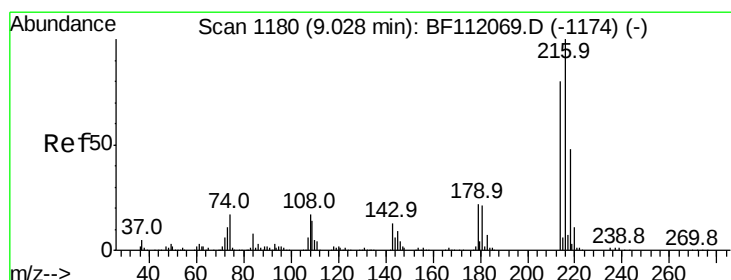
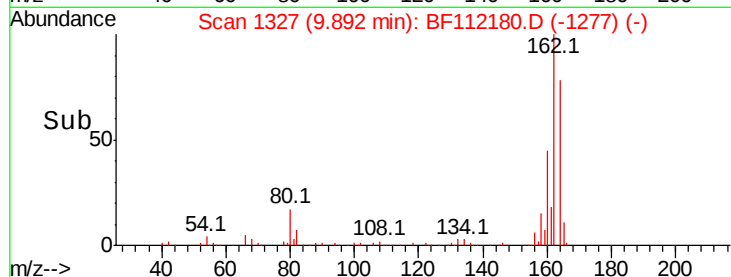
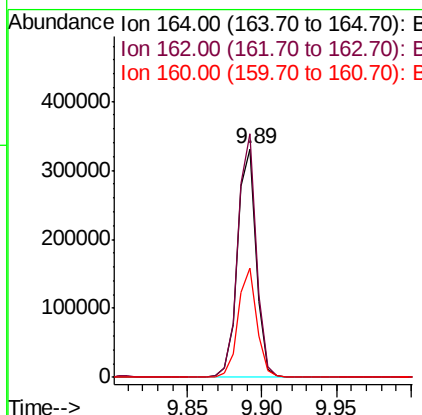
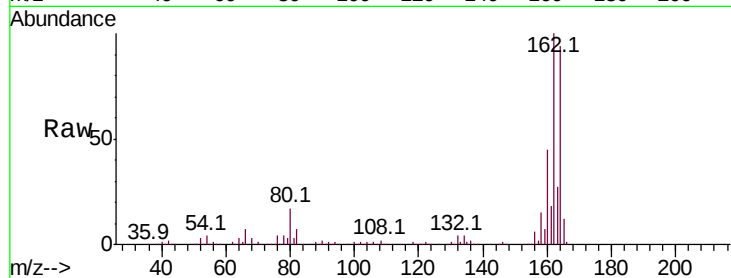
ClientSampleId :

PB116516BSD

Tot Ion:	164	Resp:	291923
Ion Ratio	Lower	Upper	
164	100		
162	106.4	82.2	123.4
160	47.6	36.2	54.4

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.248 ng

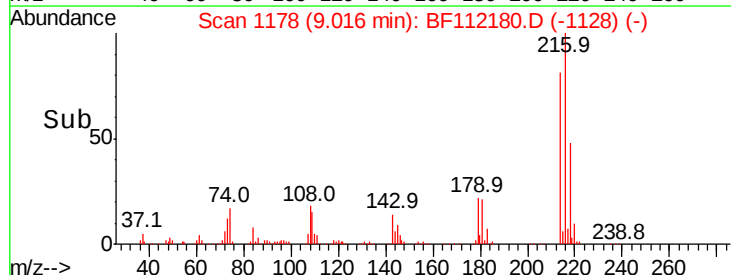
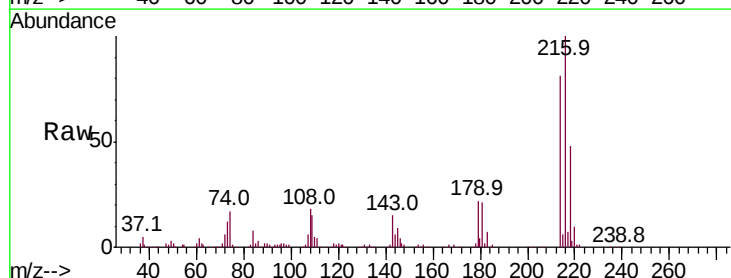
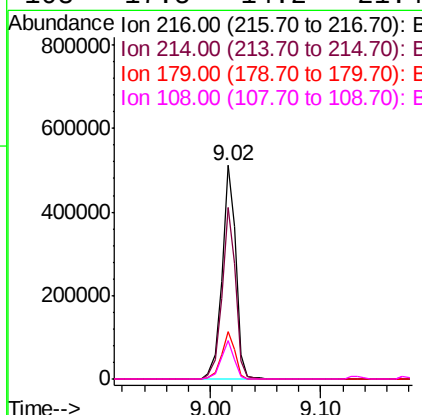
RT: 9.02 min Scan# 1178

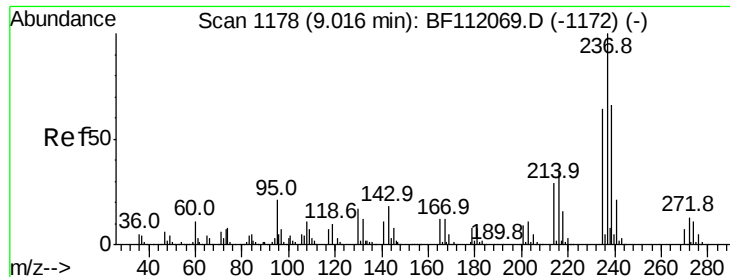
Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion:	216	Resp:	442909
Ion Ratio	Lower	Upper	
216	100		
214	78.9	63.8	95.6
179	21.6	16.9	25.3
108	17.5	14.2	21.4





#41

Hexachlorocyclopentadiene

Concen: 14.252 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

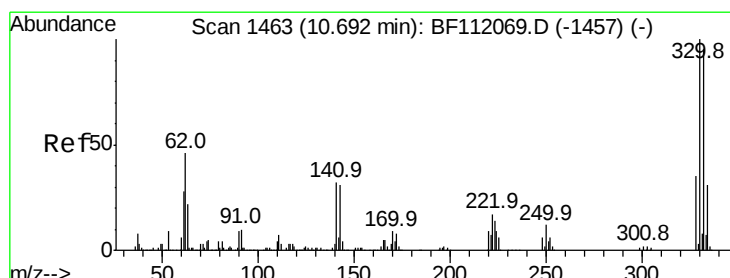
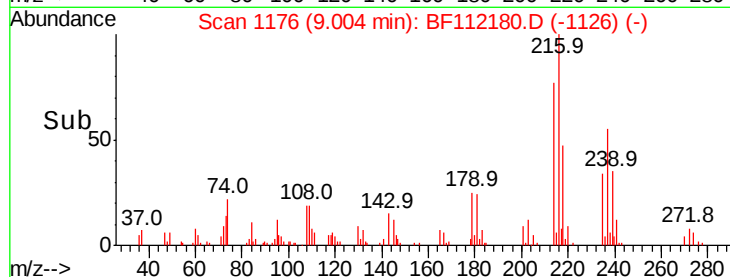
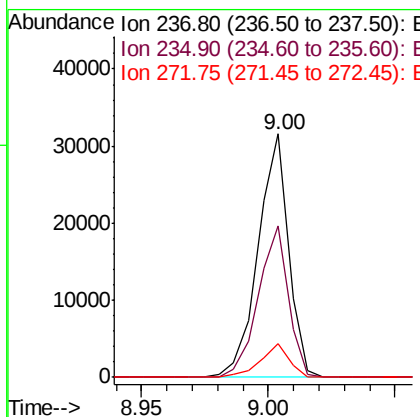
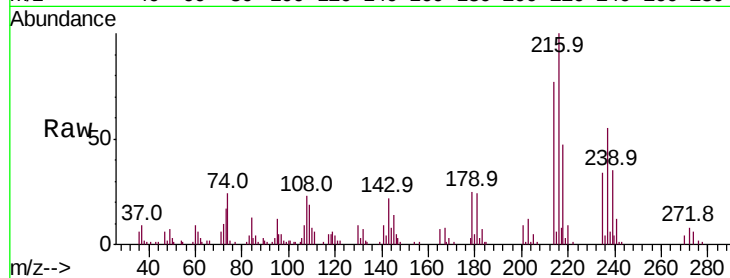
ClientSampleId :

PB116516BSD

Tot Ion:	237	Resp:	26553
Ion Ratio	Lower	Upper	
237	100		
235	62.1	44.0	84.0
272	14.0	0.0	33.3

Manual Integrations
APPROVED

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#42

2,4,6-Tribromophenol

Concen: 81.958 ng

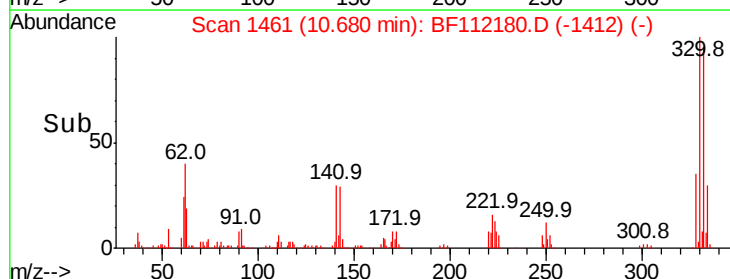
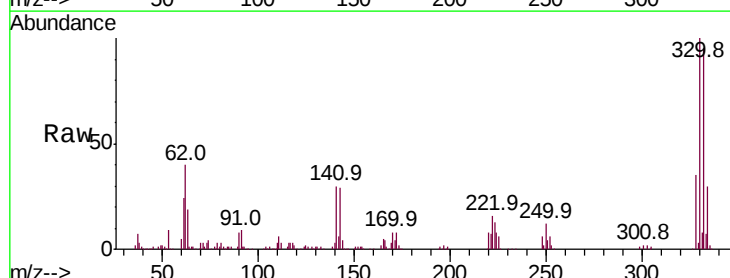
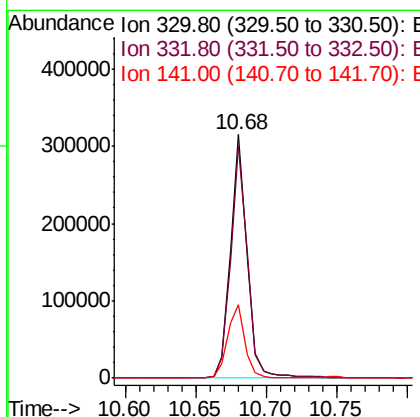
RT: 10.68 min Scan# 1461

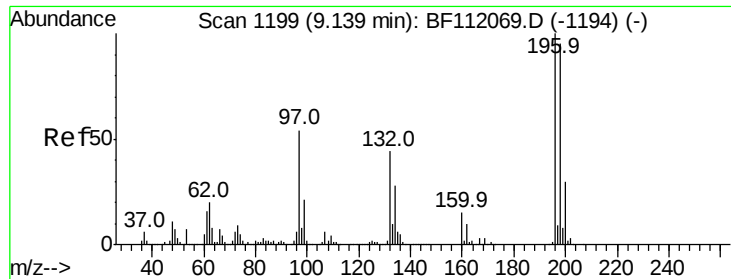
Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion:	330	Resp:	258104
Ion Ratio	Lower	Upper	
330	100		
332	97.6	76.6	114.8
141	32.0	24.3	36.5





#43

2,4,6-Trichlorophenol

Concen: 48.341 ng

RT: 9.13 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

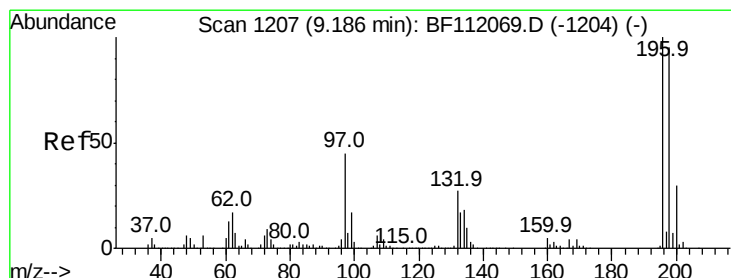
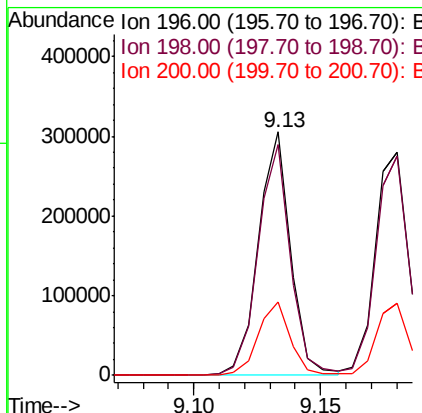
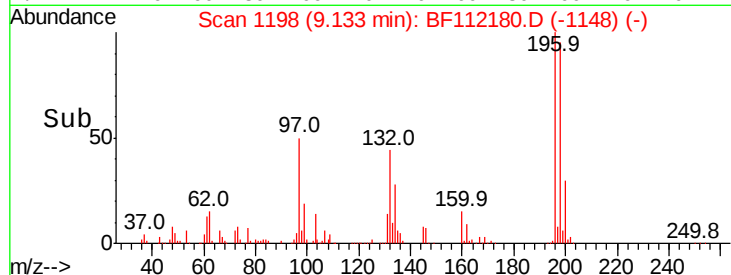
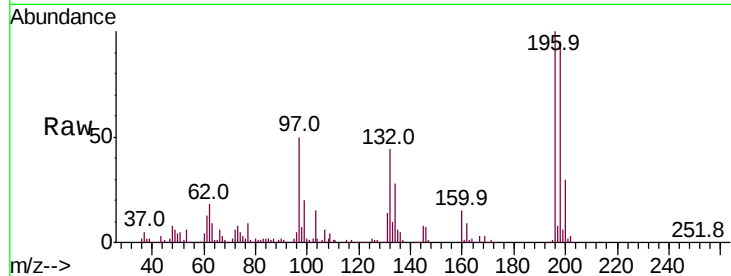
PB116516BSD

Tot Ion:	196	Resp:	271086
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.2	114.4
200	29.9	24.3	36.5

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#44

2,4,5-Trichlorophenol

Concen: 45.768 ng

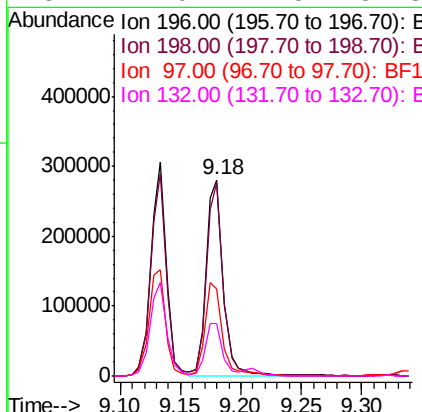
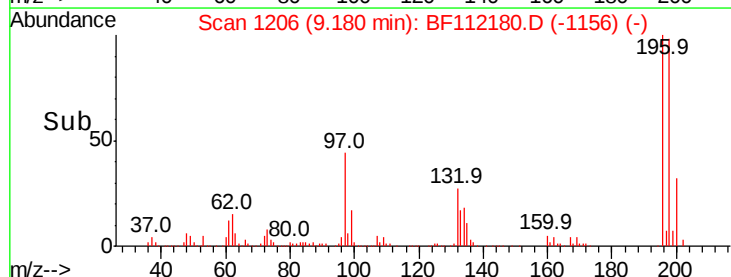
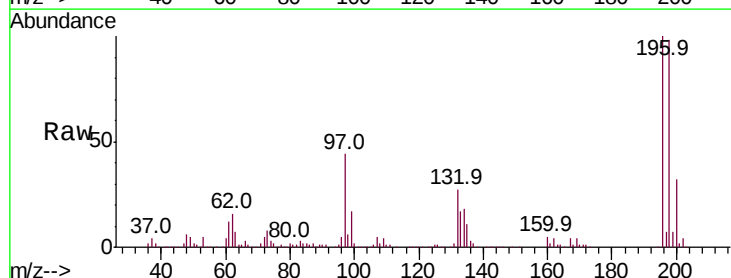
RT: 9.18 min Scan# 1206

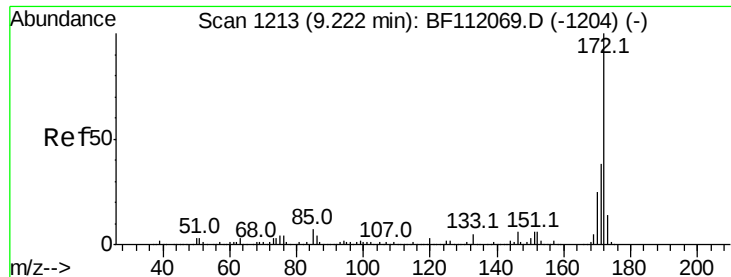
Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion:	196	Resp:	273353
Ion Ratio	Lower	Upper	
196	100		
198	98.4	76.0	114.0
97	44.1	36.4	54.6
132	27.0	21.5	32.3





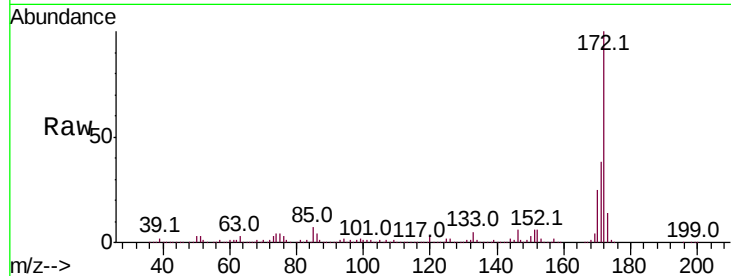
#45
2-Fluorobiphenyl
Concen: 99.862 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	24.7	20.2	30.4

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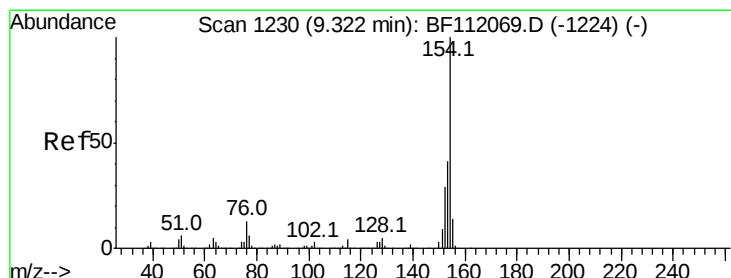
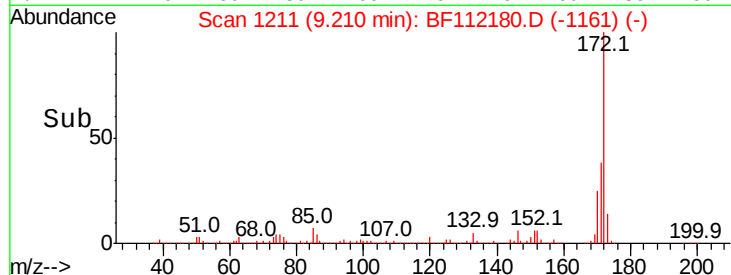
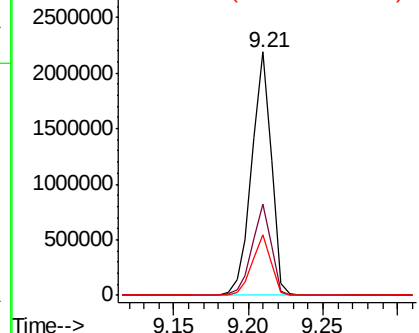


Abundance

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: 47.428 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

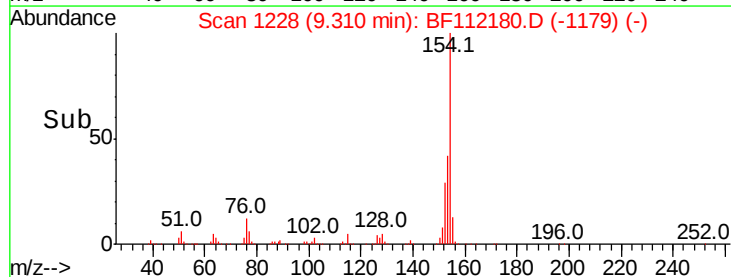
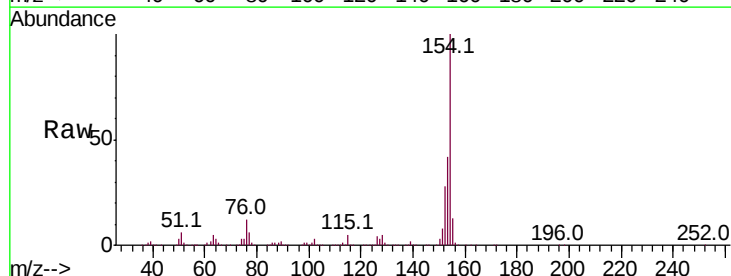
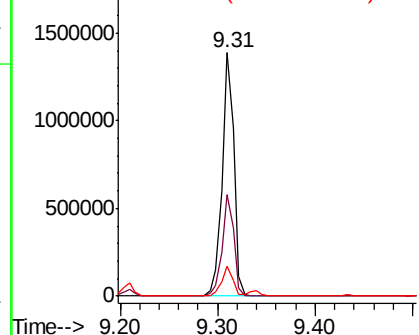
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.5	61.5
76	12.3	0.0	33.1

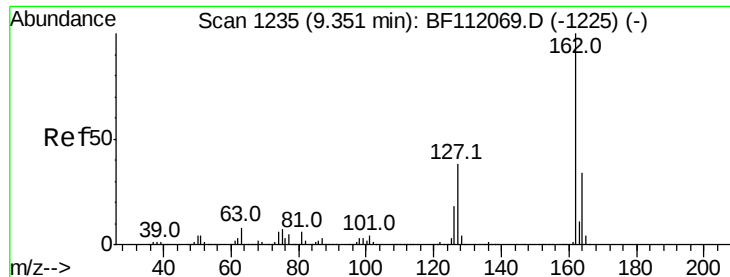
Abundance

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: 44.596 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

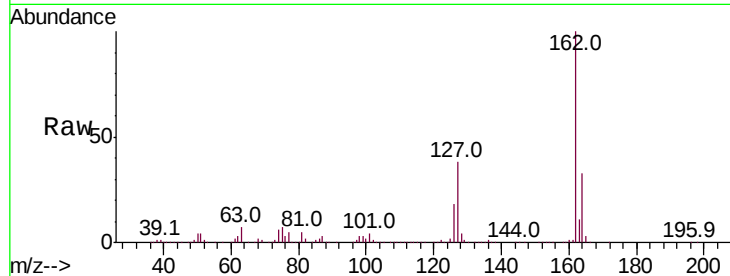
ClientSampleId :

PB116516BSD

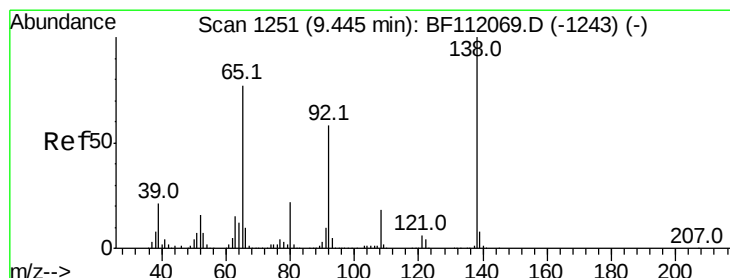
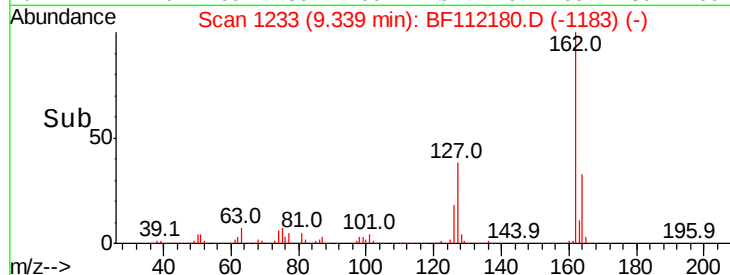
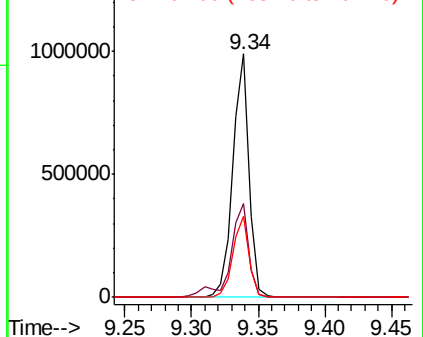
Tot Ion	Ratio	Resp	Lower	Upper
162	100	852094		
127	38.3		30.4	45.6
164	33.3		27.4	41.2

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



#48

2-Nitroaniline

Concen: 54.411 ng

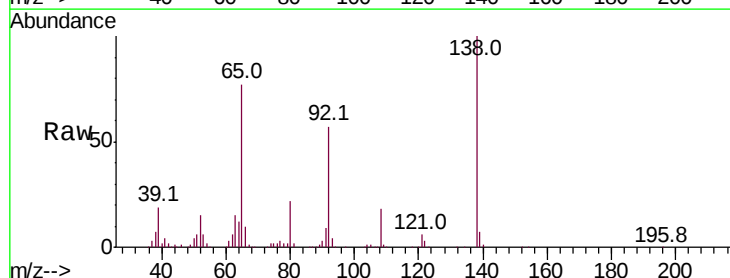
RT: 9.43 min Scan# 1249

Delta R.T. -0.01 min

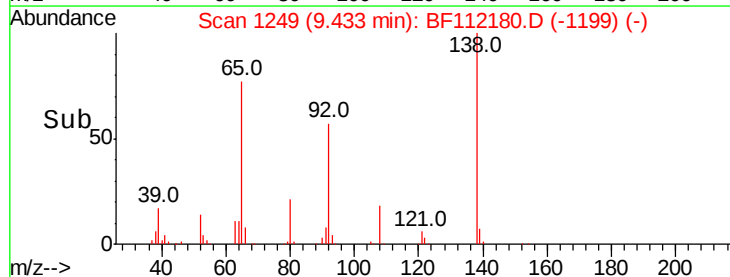
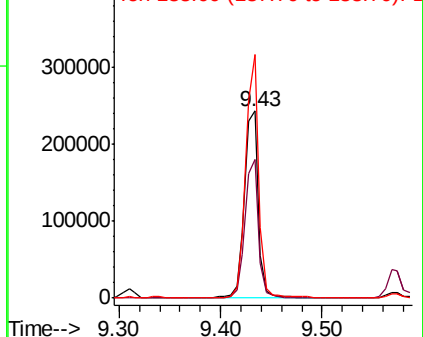
Lab File: BF112180.D

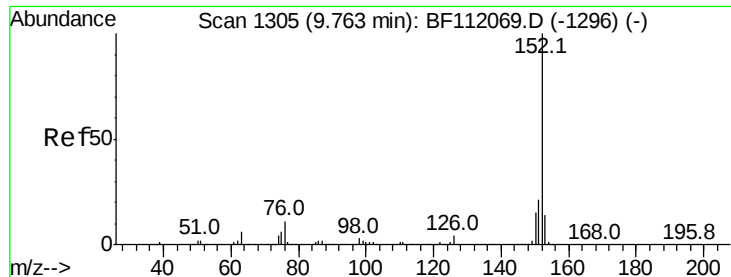
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	234171		
92	74.3		60.4	90.6
138	130.2		104.4	156.6



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





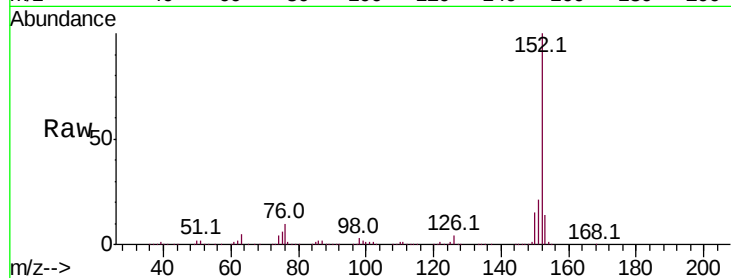
#49
Acenaphthylene
Concen: 45.987 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

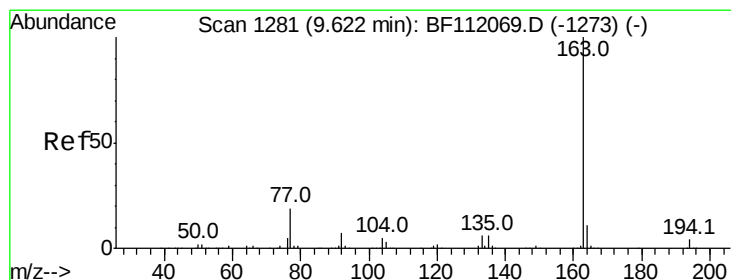
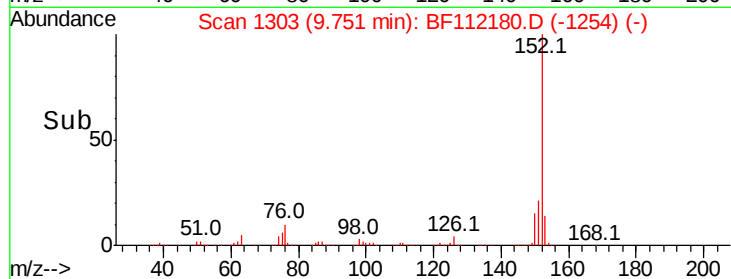
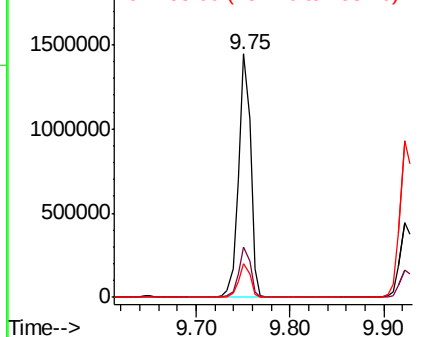
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.6
153	13.8	11.2	16.8

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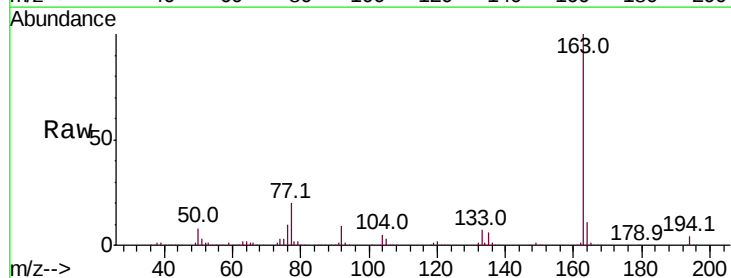


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

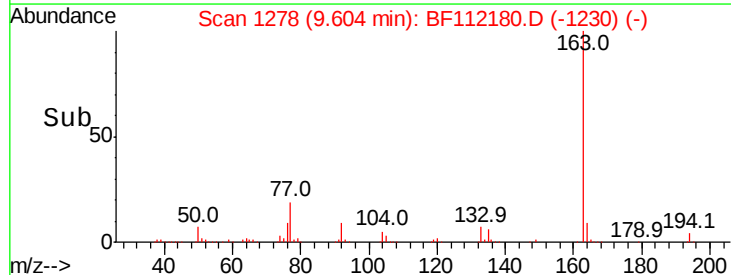
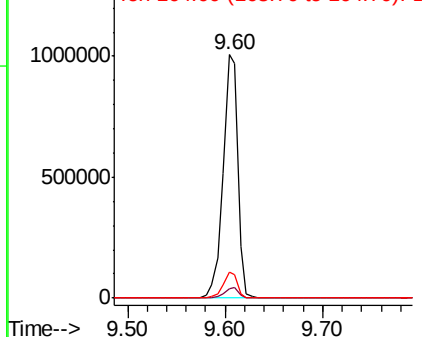


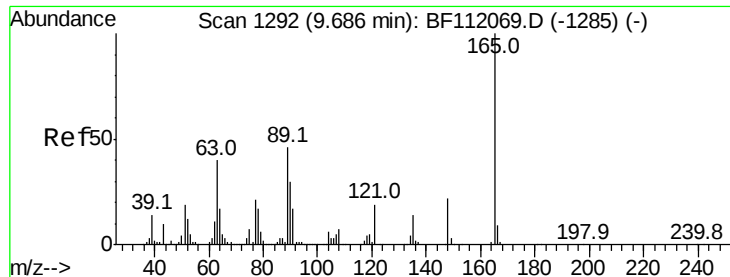
#50
Dimethylphthalate
Concen: 49.262 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.6	8.5	12.7



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





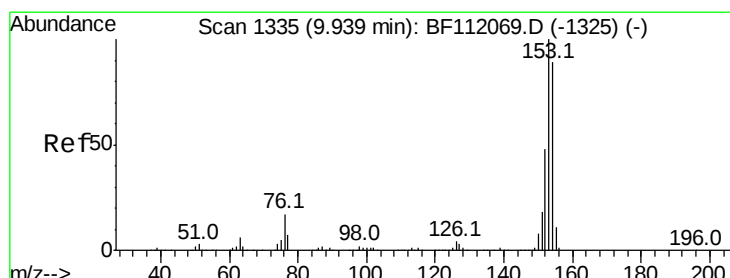
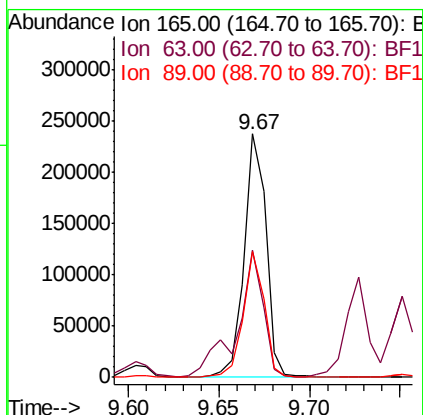
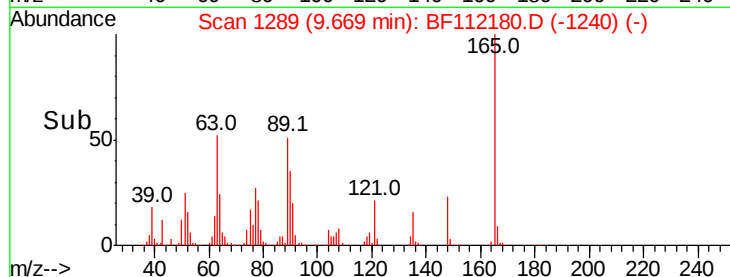
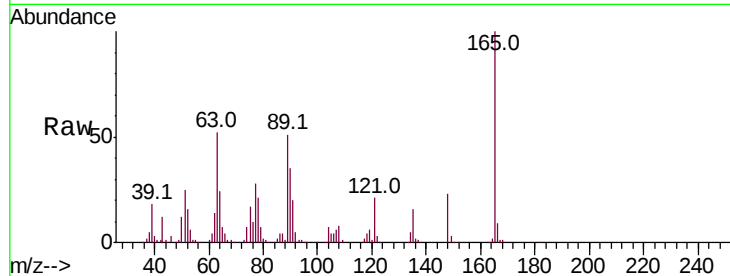
#51
2,6-Dinitrotoluene
Concen: 46.747 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	52.2	33.8	50.8#
89	51.5	36.9	55.3

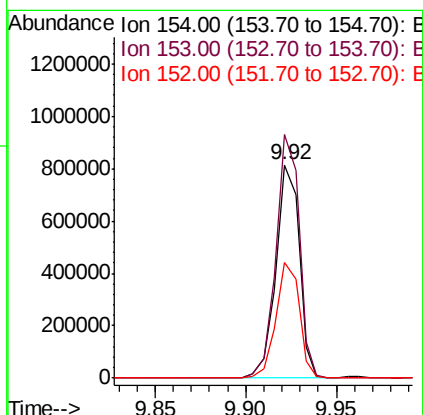
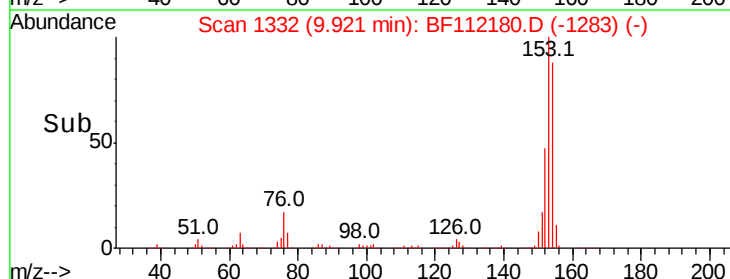
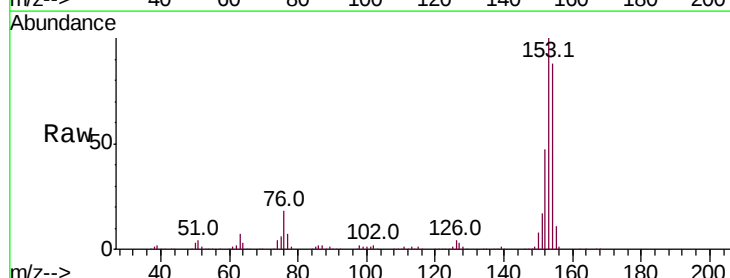
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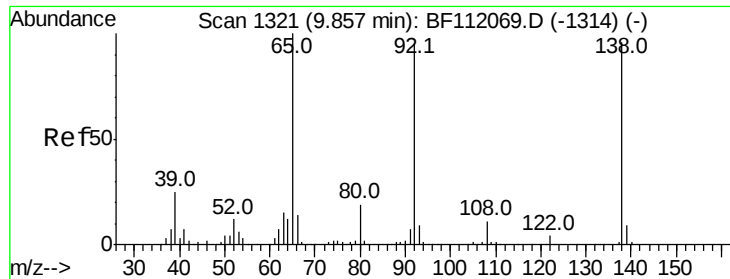
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#52
Acenaphthene
Concen: 43.003 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.2	89.8	134.6
152	54.0	43.5	65.3





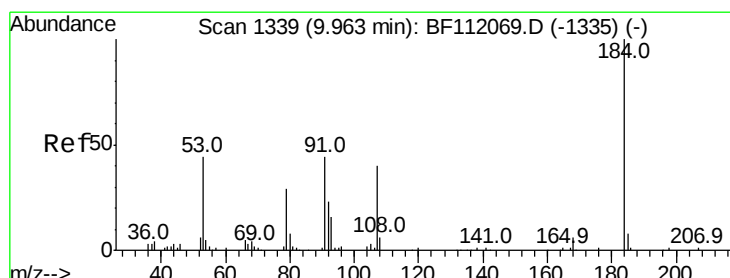
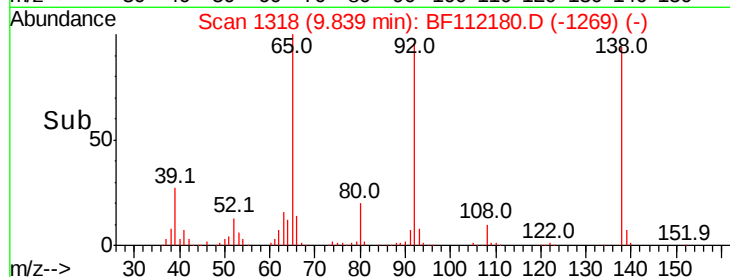
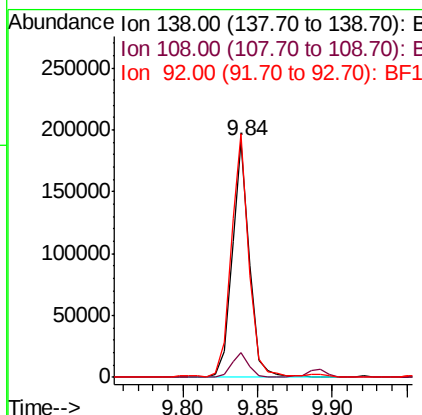
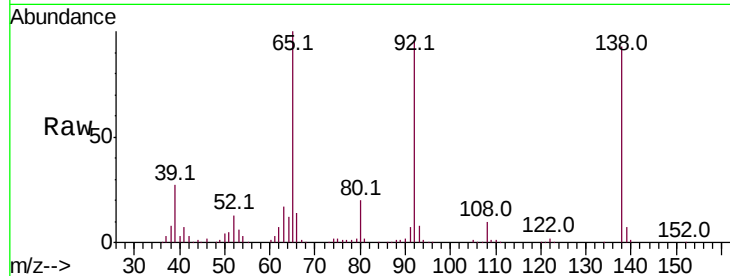
#53
3-Nitroaniline
Concen: 32.927 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.8	14.6
92	103.1	79.4	119.2

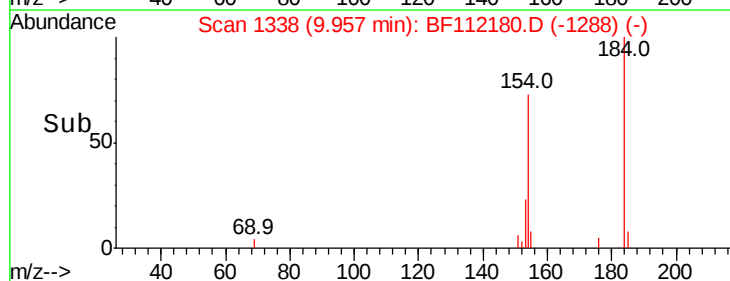
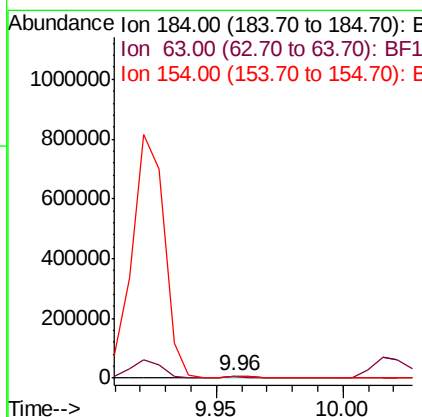
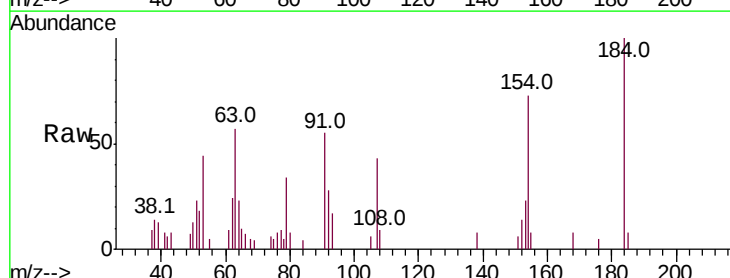
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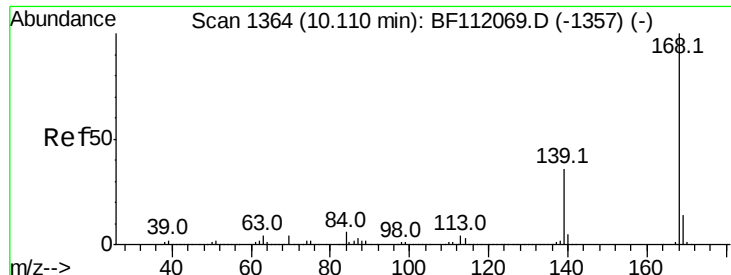
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#54
2,4-Dinitrophenol
Concen: 16.724 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.4	47.1	70.7
154	72.5	48.9	73.3





#55

Dibenzofuran

Concen: 42.115 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

Tot Ion:168 Resp: 1086539

Ion Ratio Lower Upper

168 100

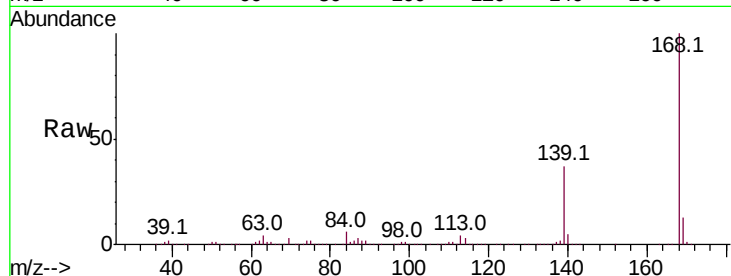
139 37.2 29.2 43.8

169 13.2 11.4 17.0

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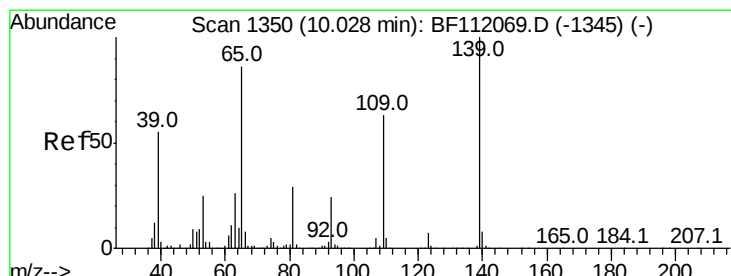
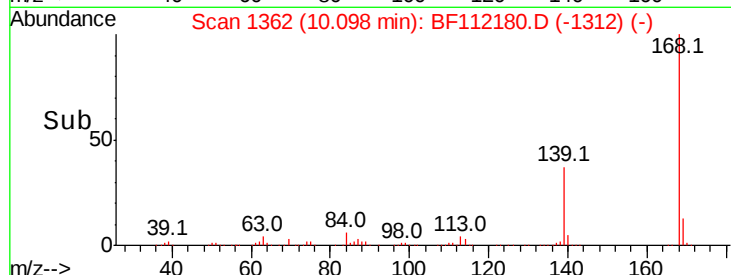
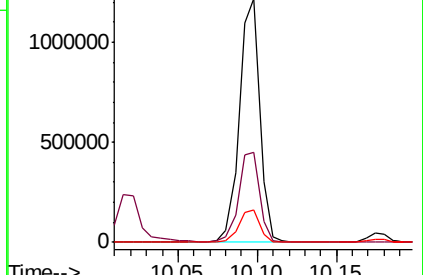
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 74.923 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

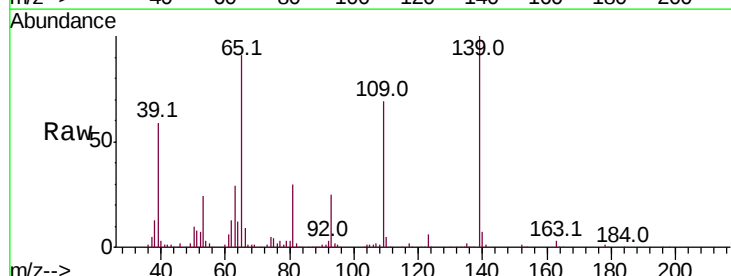
Tgt Ion:139 Resp: 253279

Ion Ratio Lower Upper

139 100

109 68.6 42.8 82.8

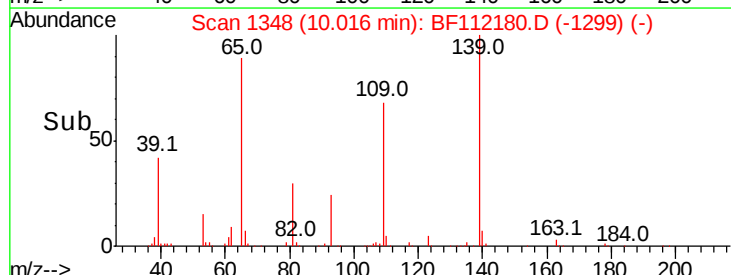
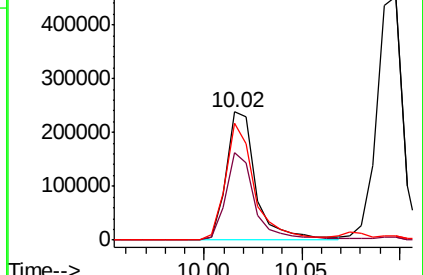
65 91.0 66.1 106.1

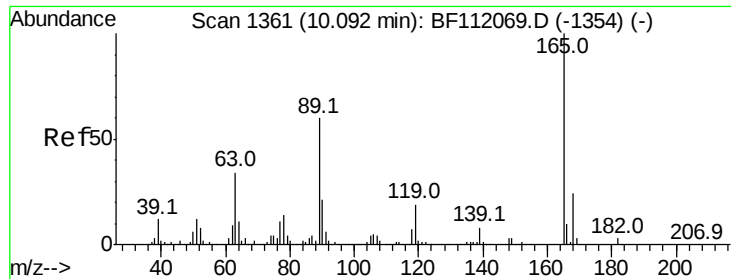


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





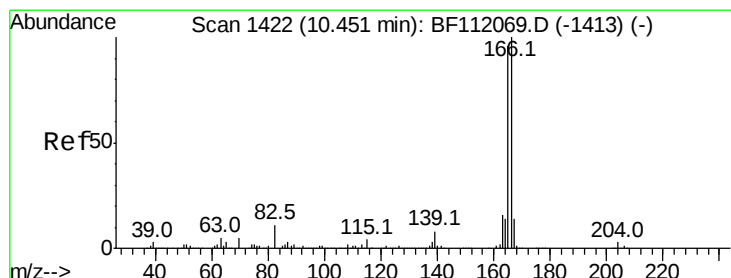
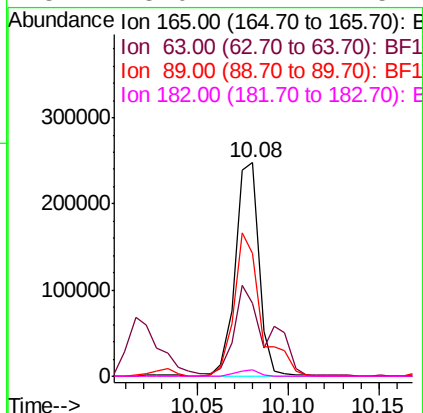
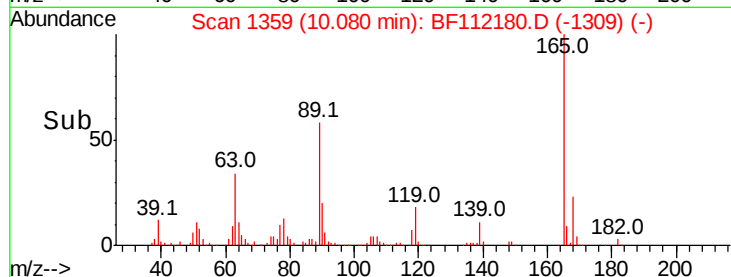
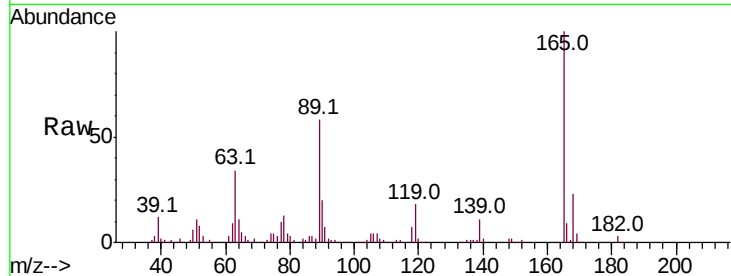
#57
2,4-Dinitrotoluene
Concen: 42.035 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	34.1	27.9	41.9
89	57.6	47.9	71.9
182	3.0	2.2	3.4

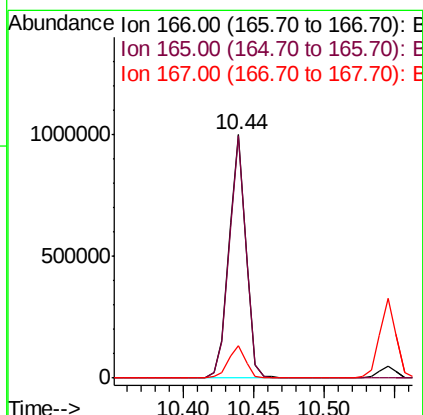
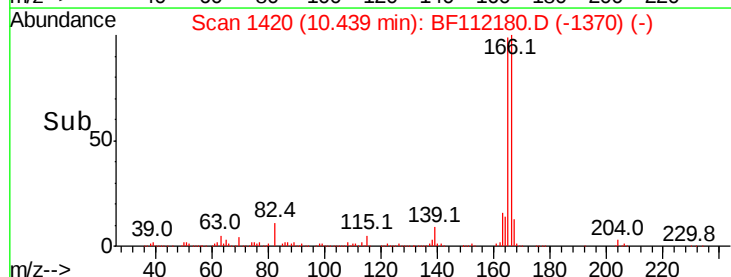
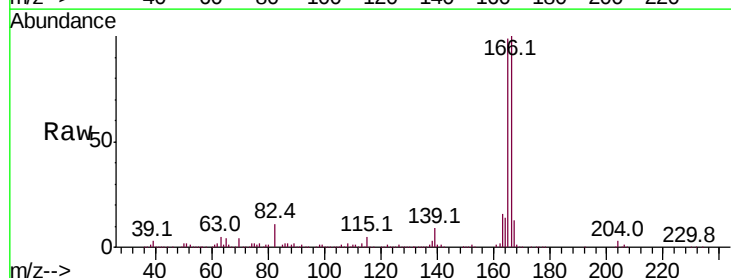
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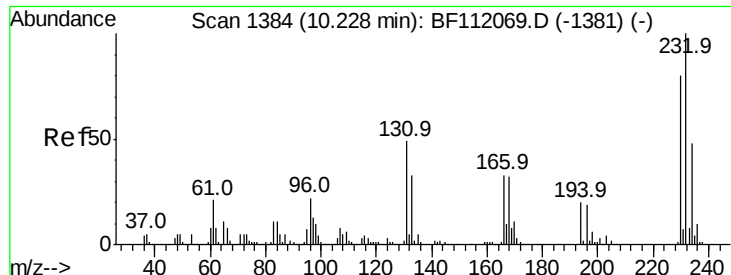
Sohil
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#58
Fluorene
Concen: 43.128 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.3	77.1	115.7
167	13.3	11.3	16.9





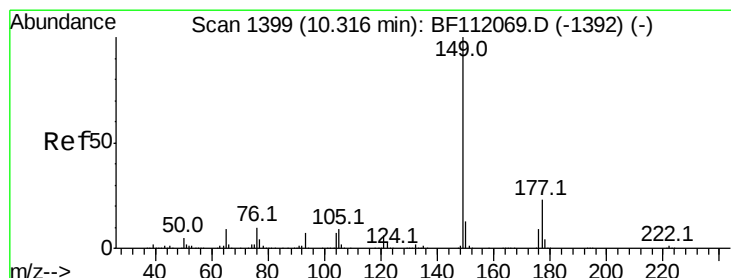
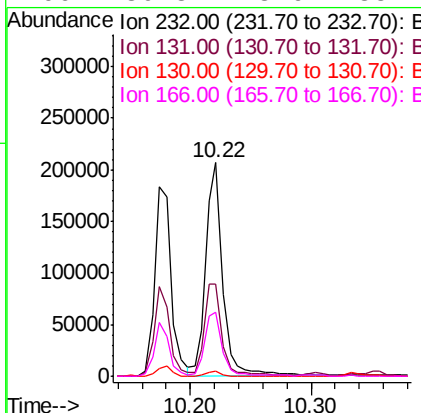
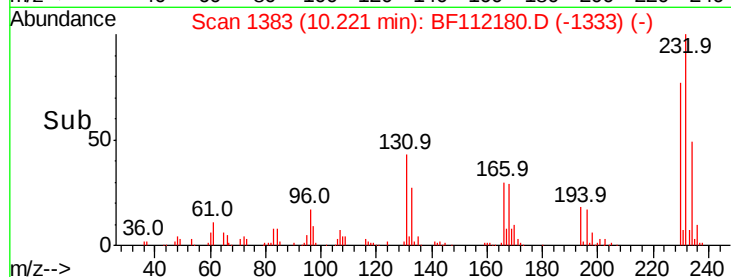
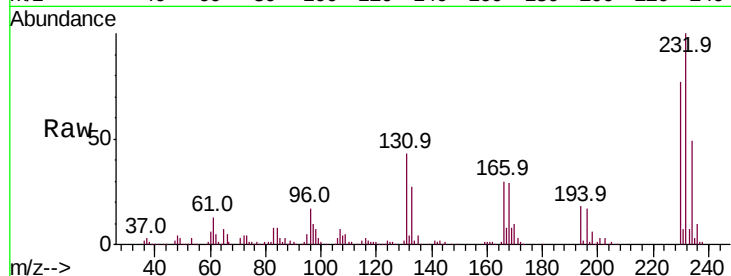
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.363 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	199941		
131	46.5	33.9	50.9	
130	2.3	1.8	2.6	
166	30.8	23.6	35.4	

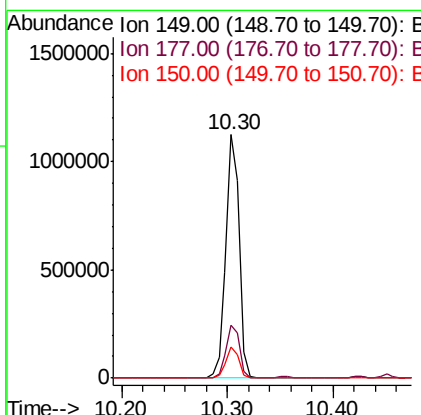
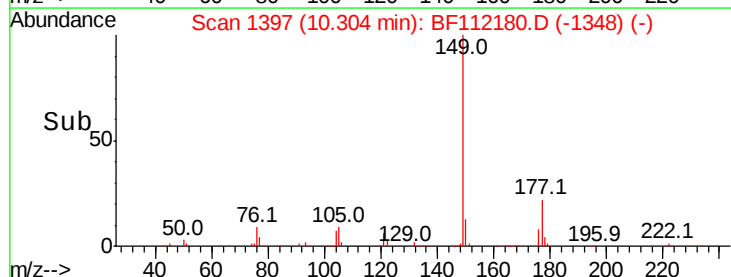
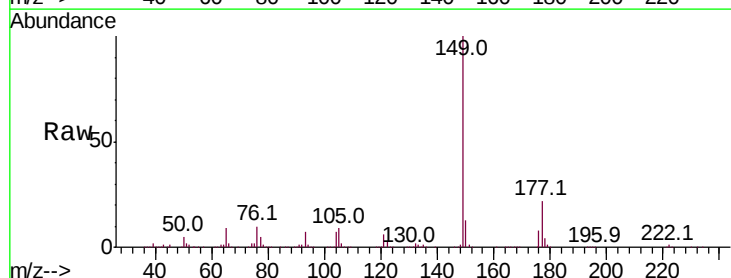
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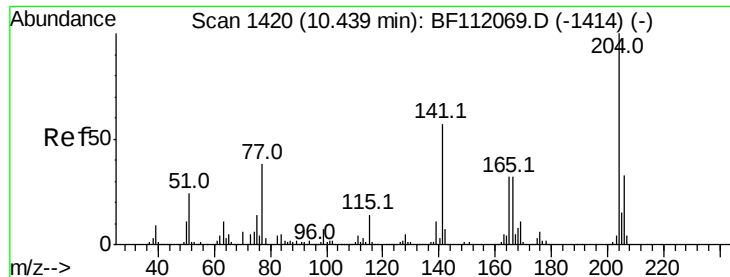
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#60
 Diethylphthalate
 Concen: 47.210 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	981089		
177	21.8	18.2	27.2	
150	12.7	10.4	15.6	





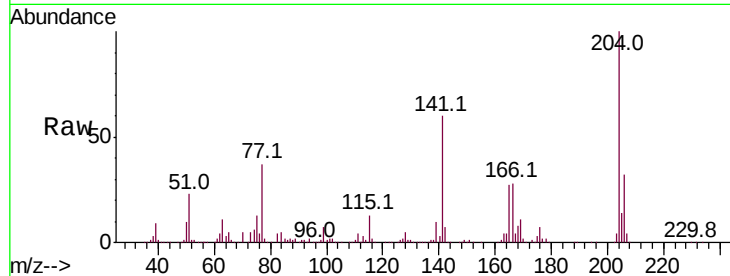
#61
4-Chlorophenyl-phenylether
Concen: 41.263 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	60.3	45.9	68.9

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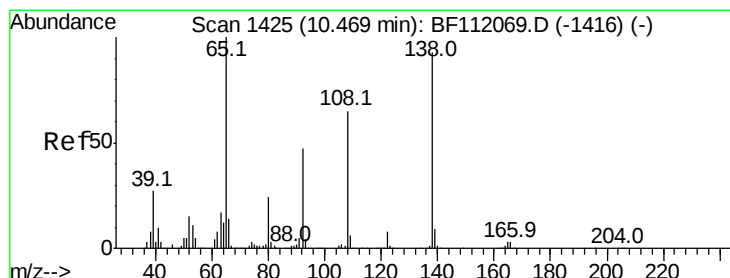
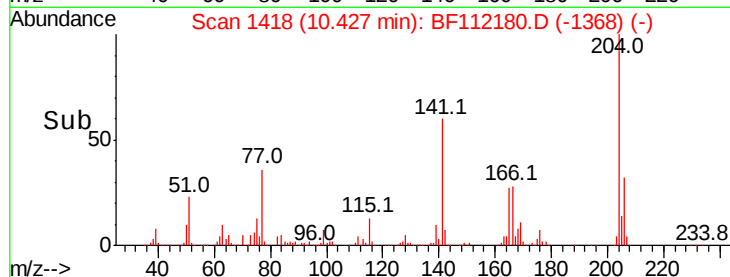
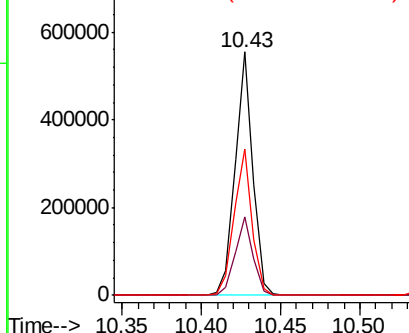


Abundance

Ion 204.00 (203.70 to 204.70): E

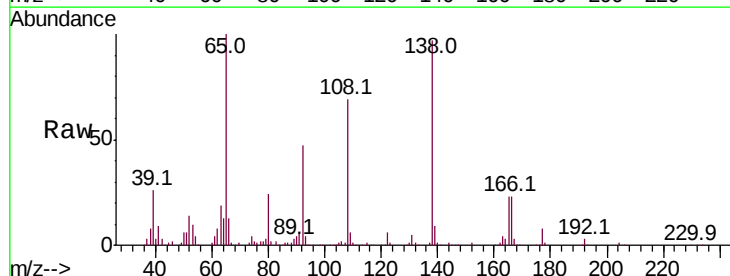
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.936 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	30.6	70.6
108	71.8	50.0	90.0

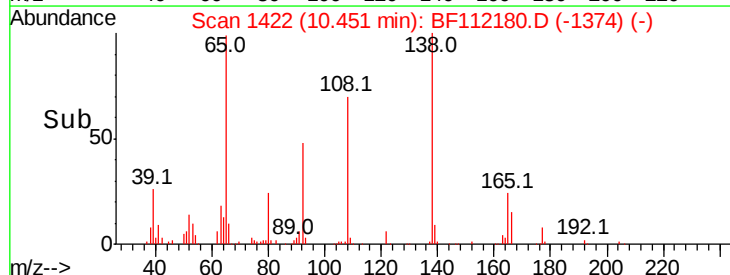
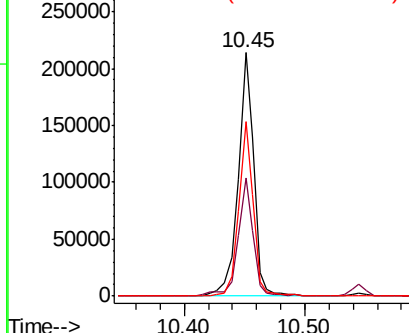


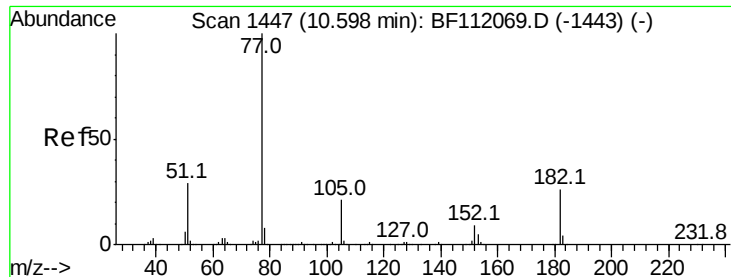
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





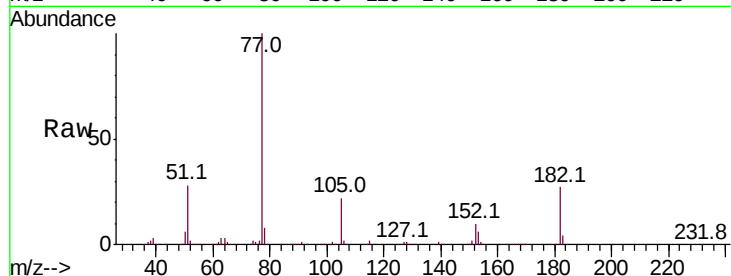
#63
Azobenzene
Concen: 38.160 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

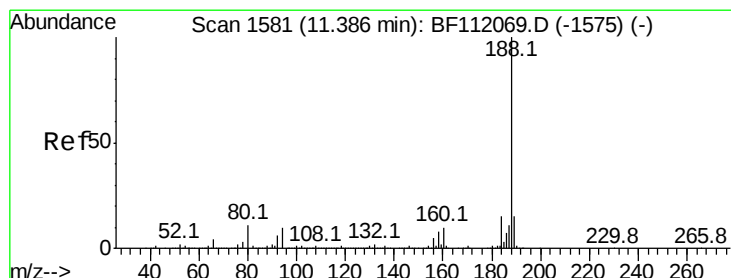
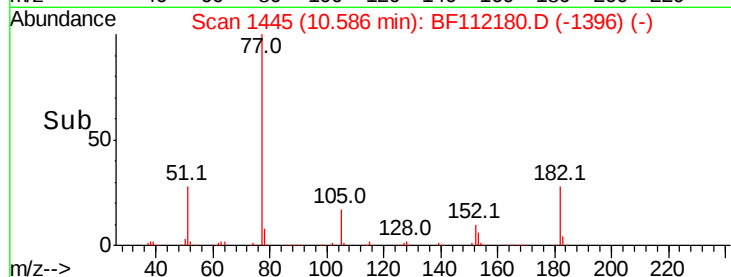
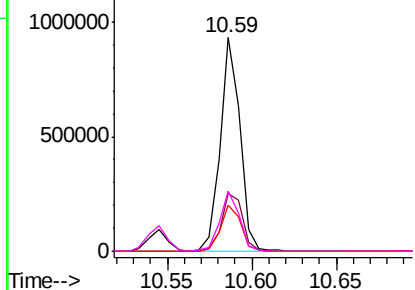
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.9	5.7	45.7
105	21.9	1.4	41.4
51	28.3	9.5	49.5

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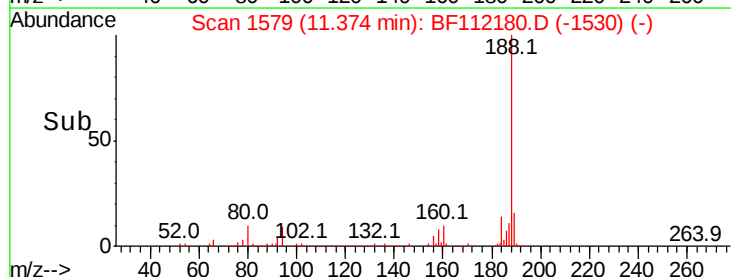
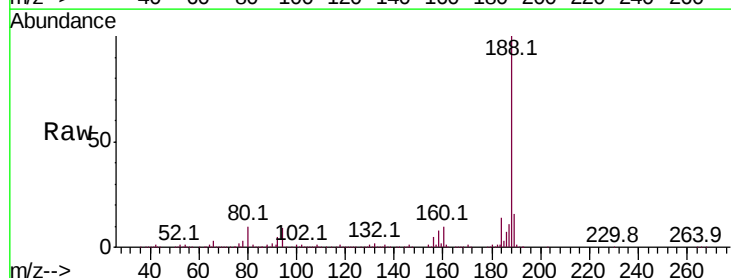
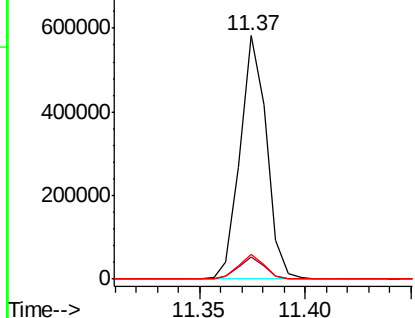
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

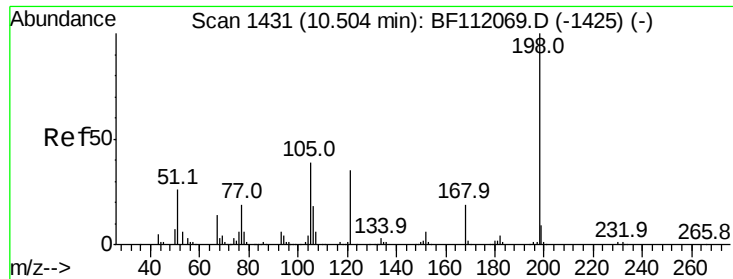


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	10.0	8.9	13.3

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 14.054 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

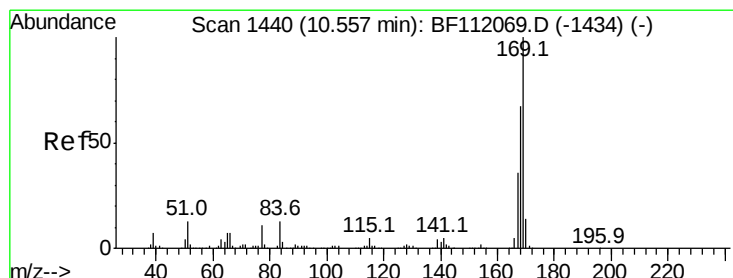
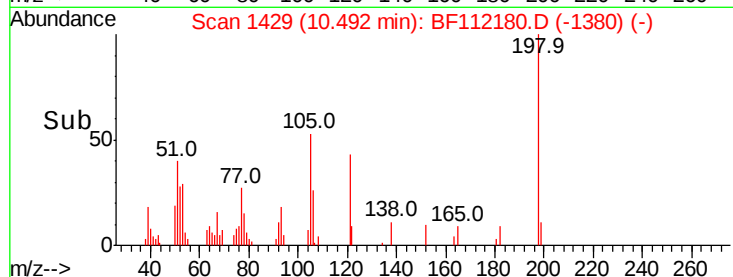
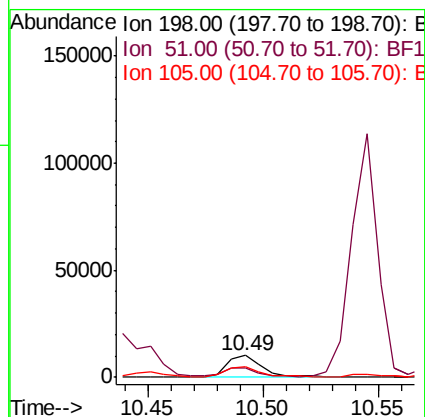
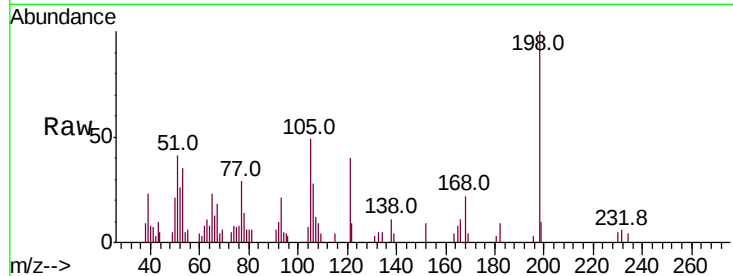
ClientSampled :

PB116516BSD

Tot Ion:	198	Resp:	10561
Ion Ratio	Lower	Upper	
198	100		
51	41.4	17.2	57.2
105	49.4	21.9	61.9

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#66

n-Nitrosodiphenylamine

Concen: 44.962 ng

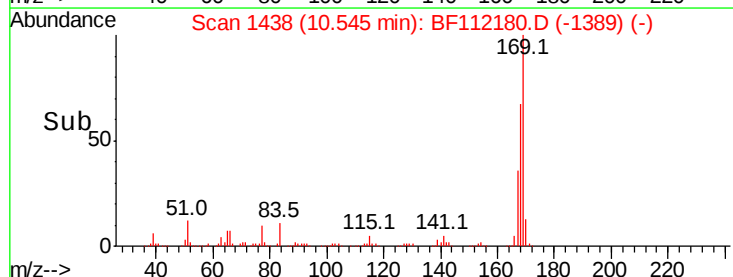
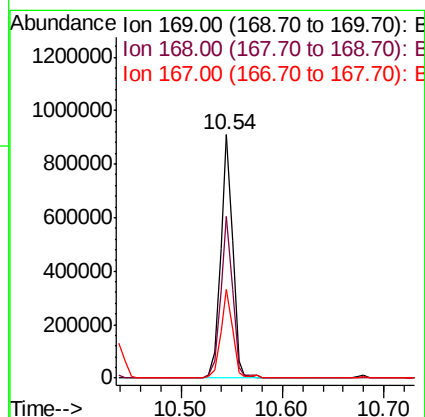
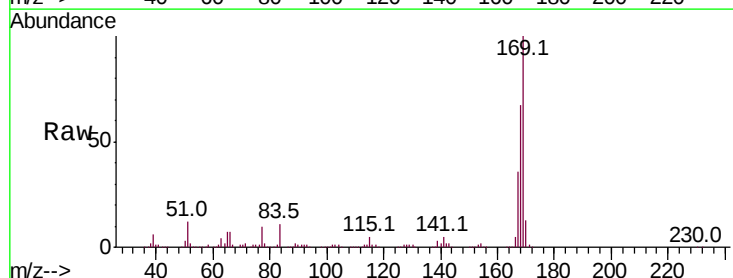
RT: 10.54 min Scan# 1438

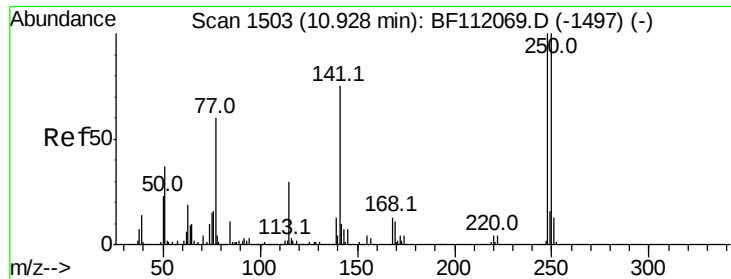
Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion:	169	Resp:	746473
Ion Ratio	Lower	Upper	
169	100		
168	66.5	53.9	80.9
167	36.2	28.9	43.3





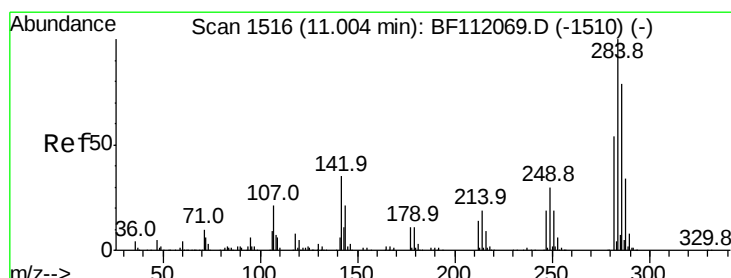
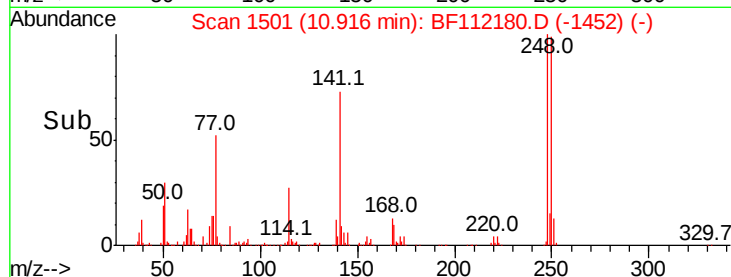
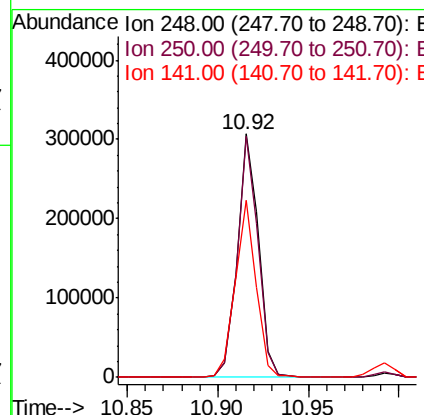
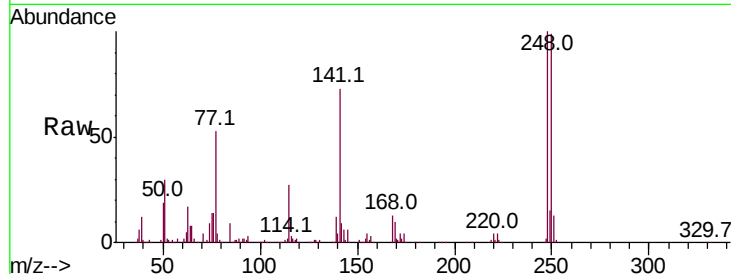
#67
4-Bromophenyl-phenylether
Concen: 42.670 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	248905		
250	99.1	79.7	119.5	
141	73.0	60.3	90.5	

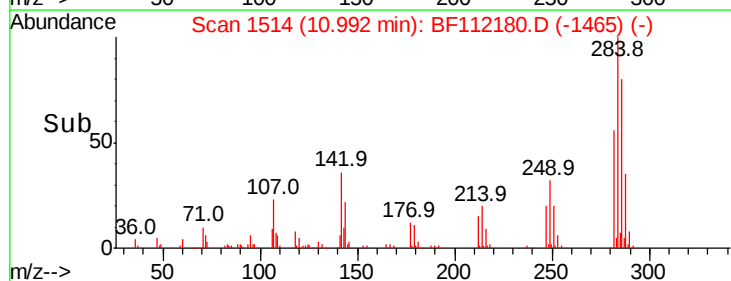
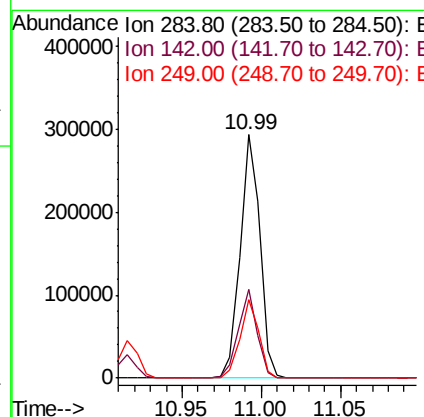
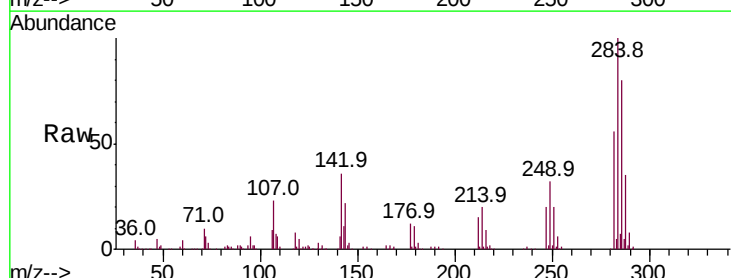
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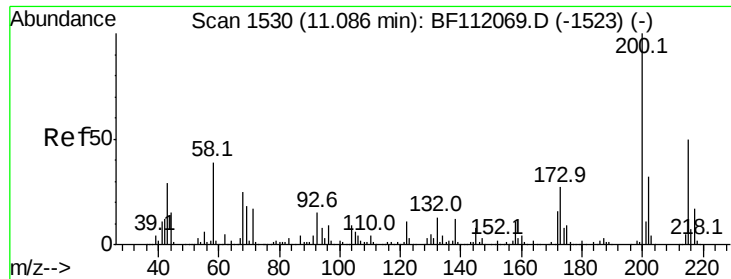
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#68
Hexachlorobenzene
Concen: 40.434 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	254073		
142	36.4	27.6	41.4	
249	32.0	24.1	36.1	





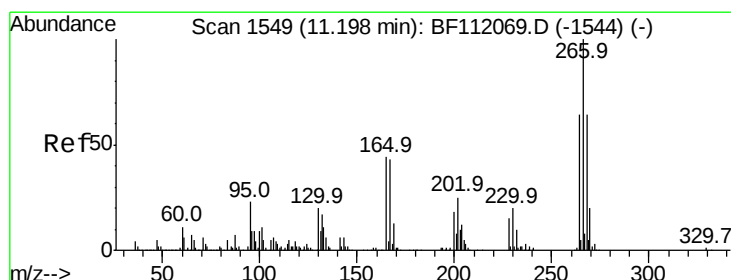
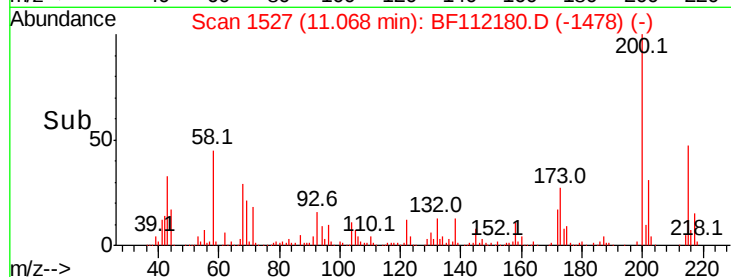
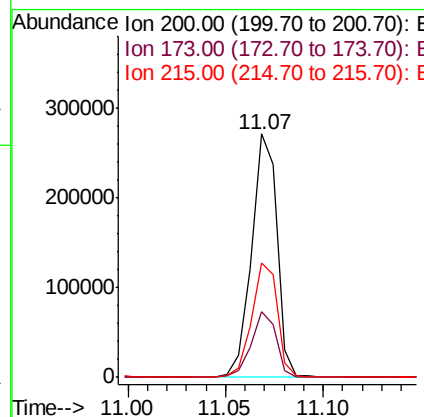
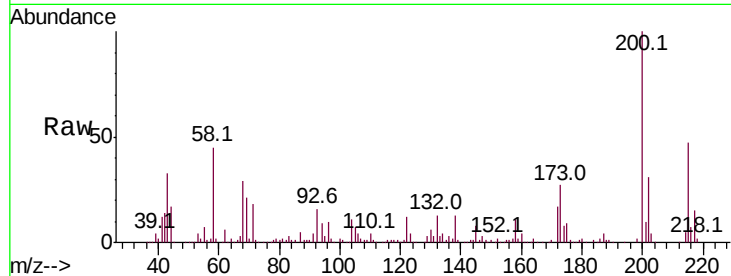
#69
Atrazine
Concen: 45.629 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.2	7.1	47.1
215	47.2	30.4	70.4

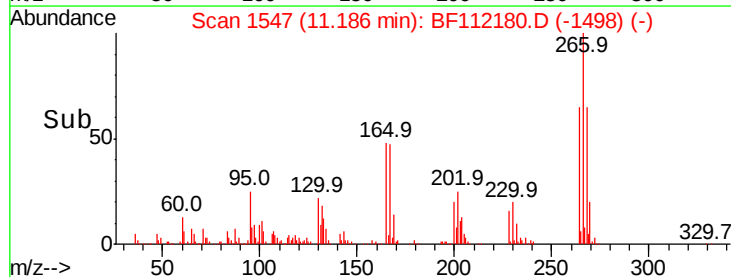
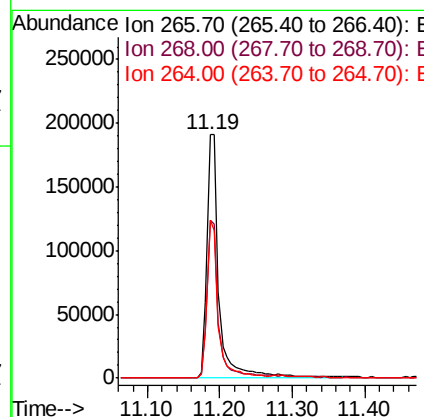
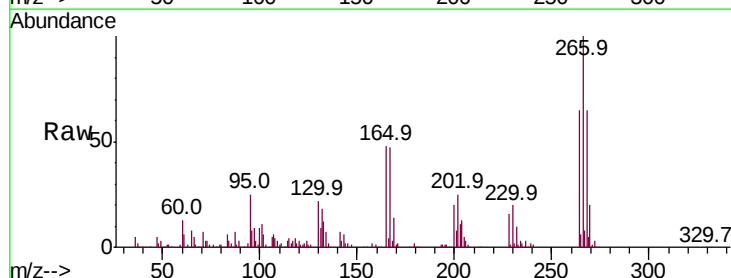
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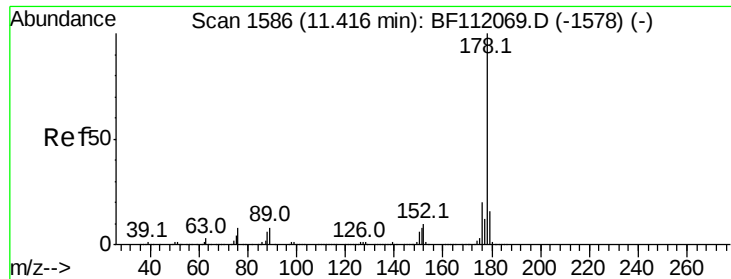
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#70
Pentachlorophenol
Concen: 75.720 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.6	51.2	76.8
264	64.6	50.9	76.3





#71

Phenanthrene

Concen: 45.665 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

Tot Ion:178 Resp: 1154126

Ion Ratio Lower Upper

178 100

176 19.6 16.3 24.5

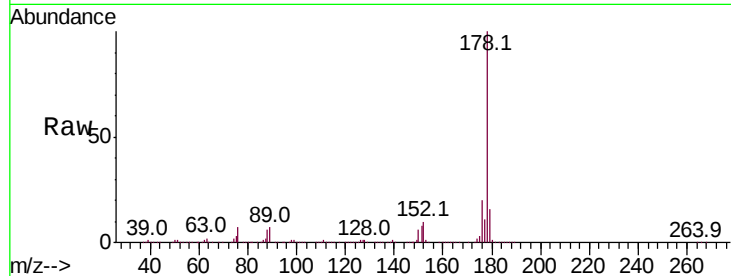
179 15.6 13.0 19.4

Manual Integrations

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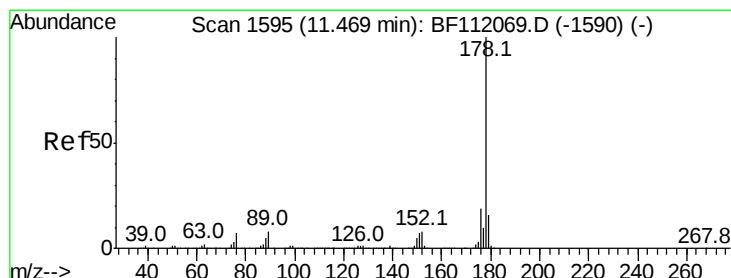
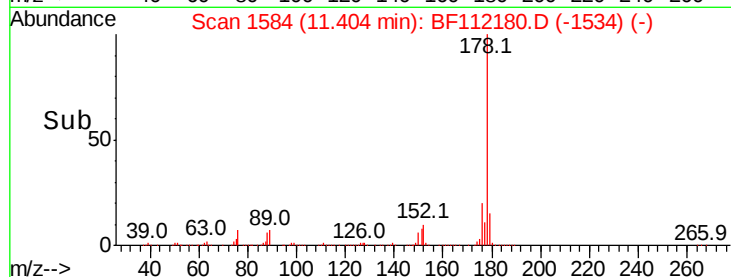
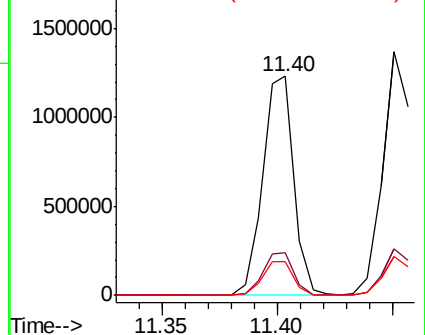
1/22/2019 9:59:16 AM



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: 46.795 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion:178 Resp: 1198055

Ion Ratio Lower Upper

178 100

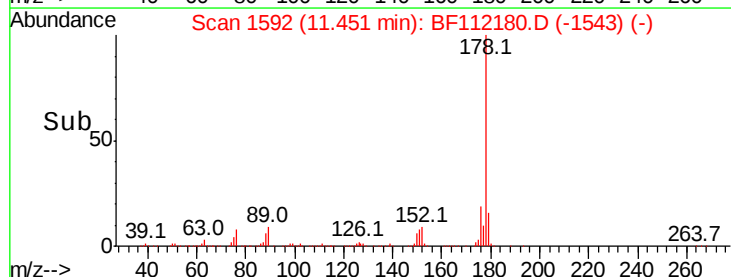
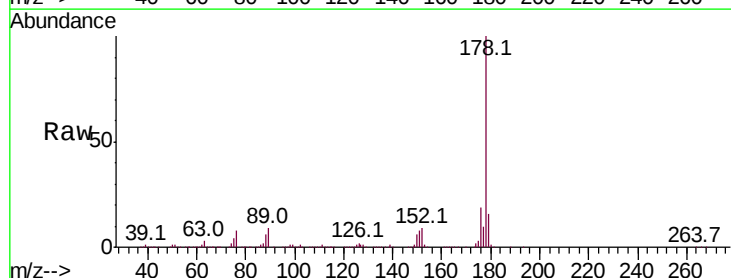
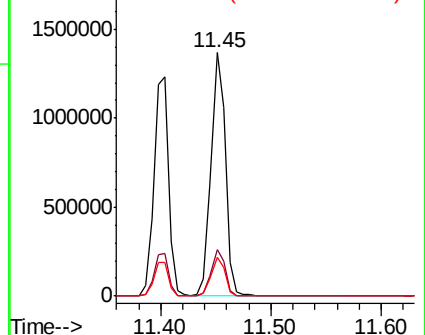
176 18.9 15.5 23.3

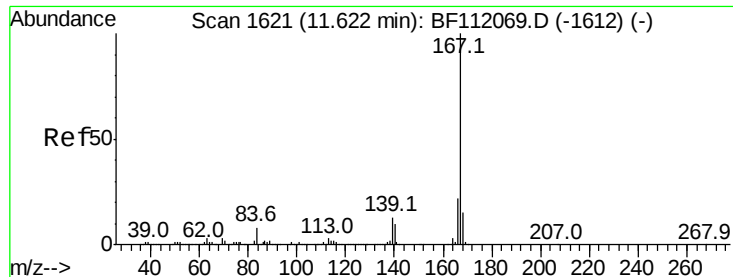
179 16.0 12.8 19.2

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: 42.273 ng

RT: 11.60 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

Tot Ion:167 Resp: 1084174

Ion Ratio Lower Upper

167 100

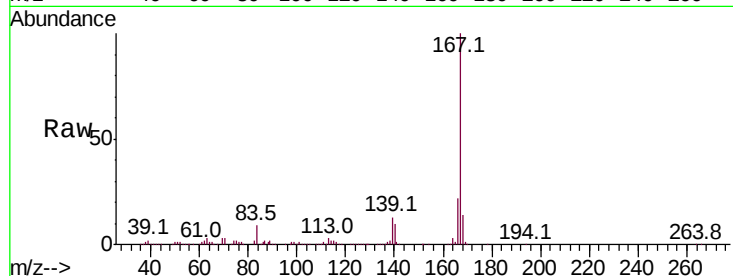
166 22.1 17.9 26.9

139 13.2 10.2 15.2

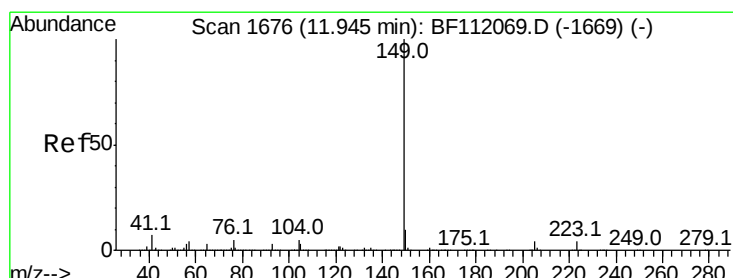
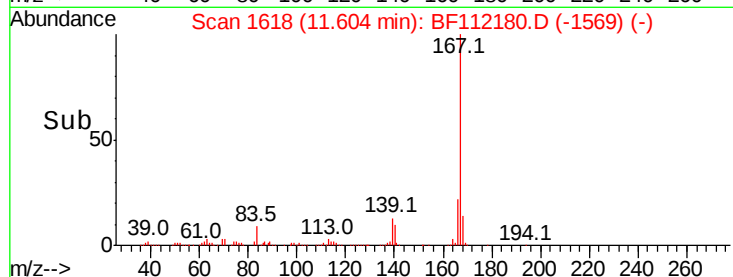
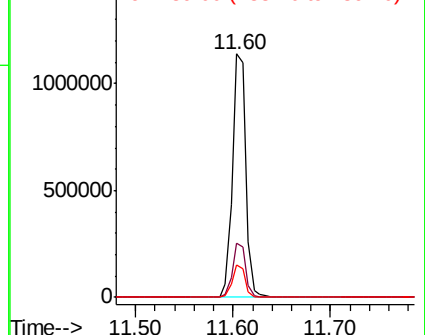
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 48.216 ng

RT: 11.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

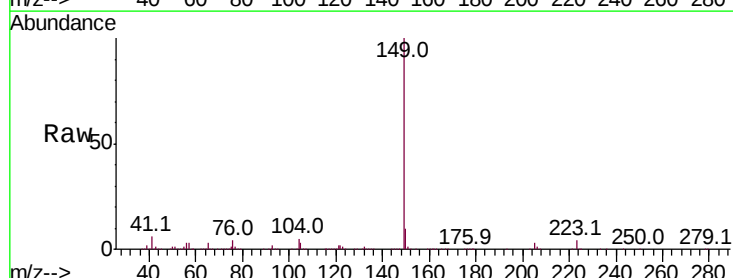
Tgt Ion:149 Resp: 1390989

Ion Ratio Lower Upper

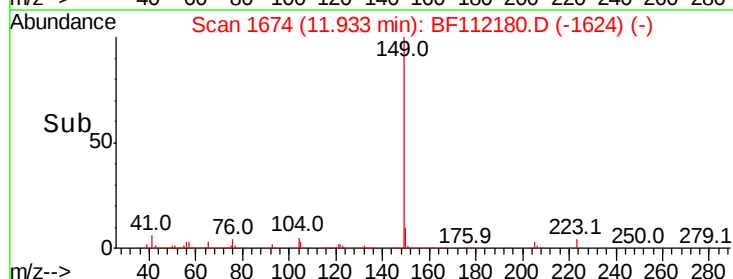
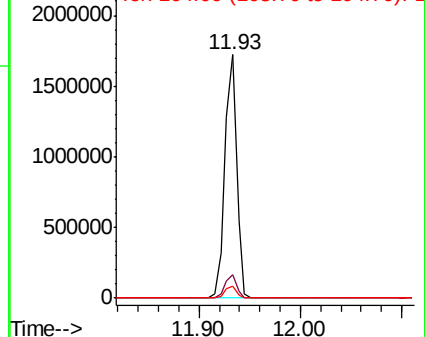
149 100

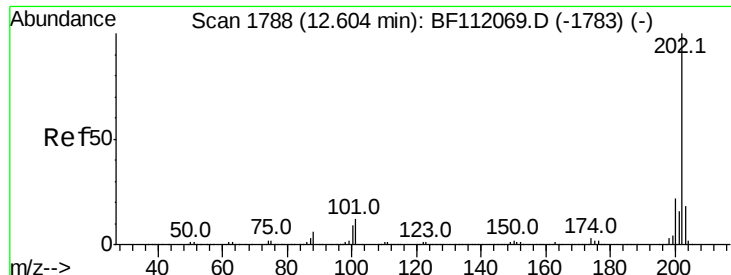
150 9.6 8.1 12.1

104 4.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





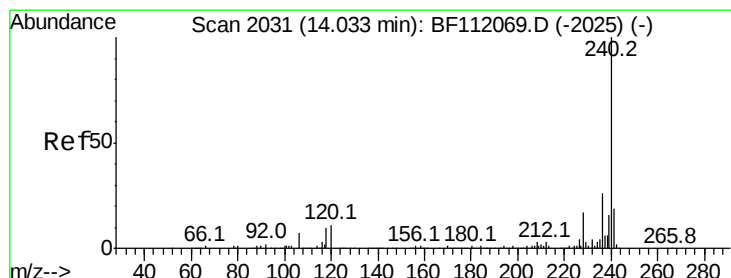
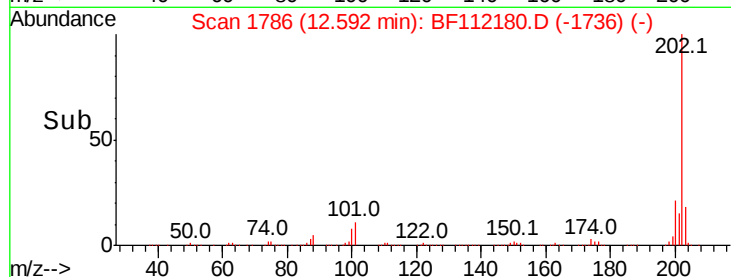
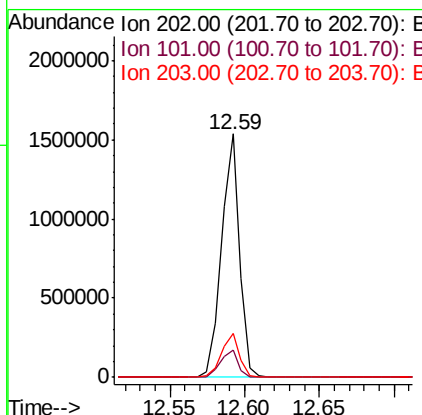
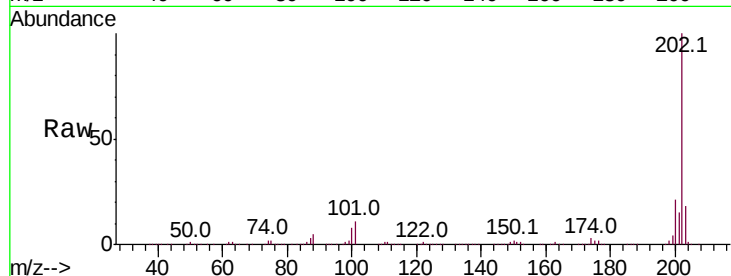
#75
Fluoranthene
 Concen: 49.029 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1308325		
101	11.2		0.0	31.8
203	18.1		0.0	38.4

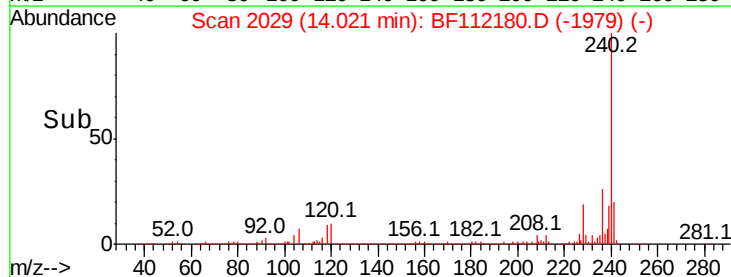
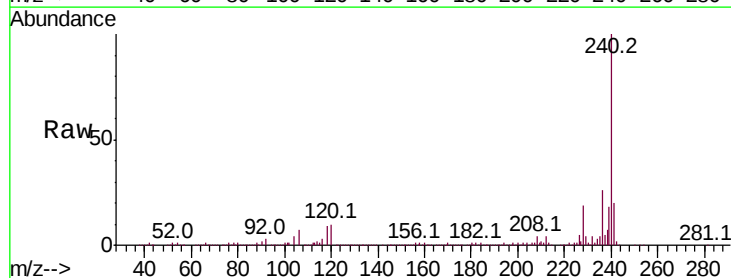
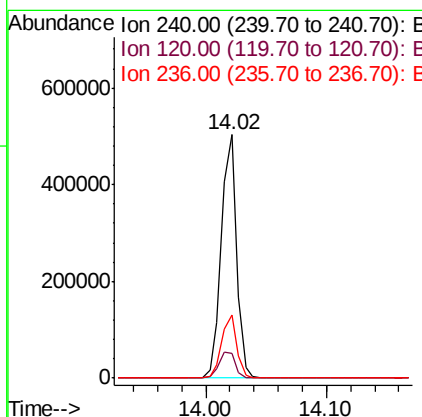
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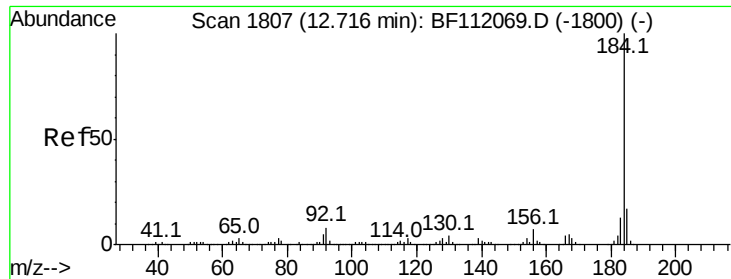
Sohil
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	437415		
120	10.3		9.0	13.6
236	26.0		20.7	31.1





#77

Benzidine

Concen: 51.953 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

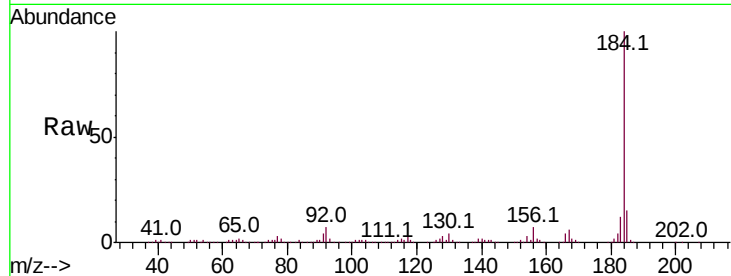
ClientSampleId :

PB116516BSD

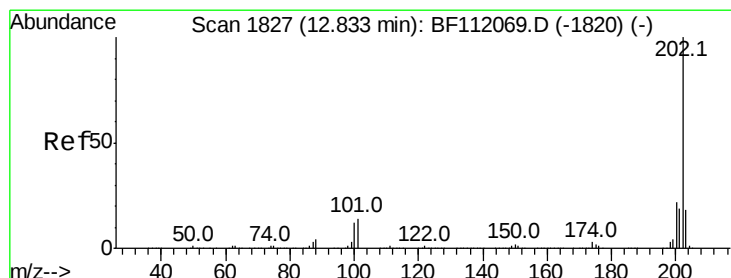
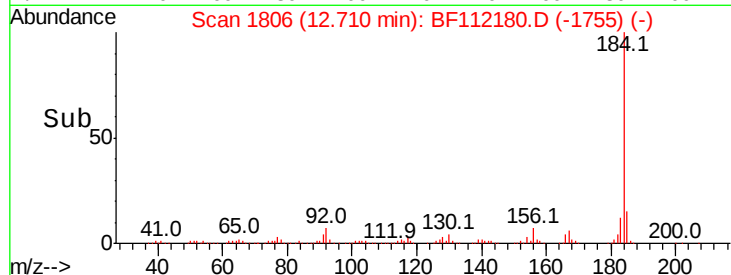
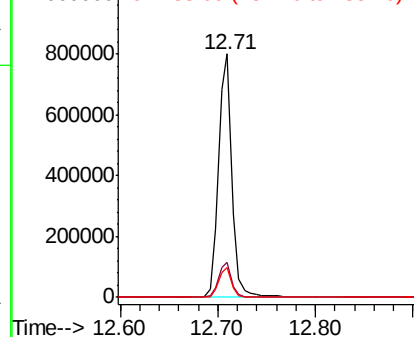
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.9	20.9
183	12.5	10.0	15.0

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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: 46.232 ng

RT: 12.82 min Scan# 1825

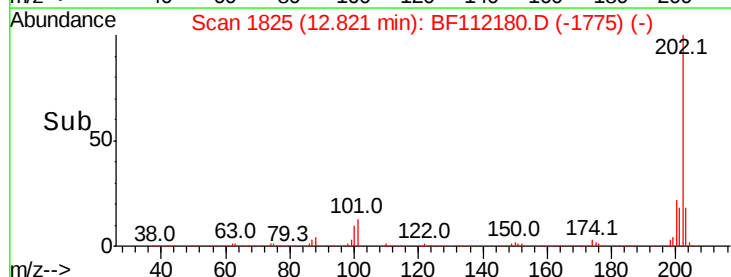
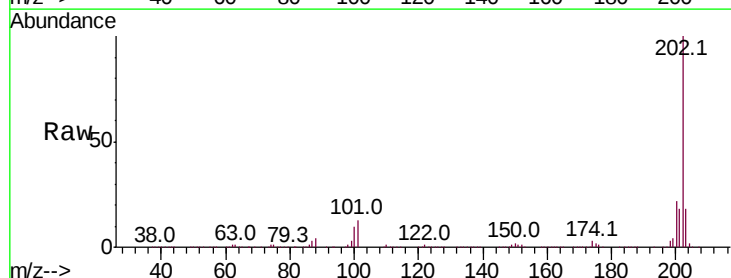
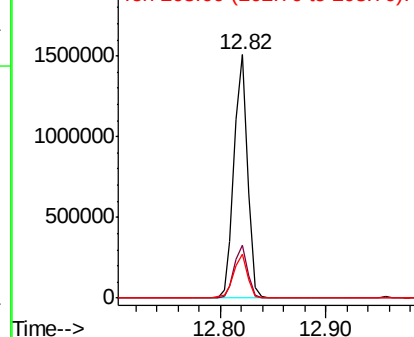
Delta R.T. -0.01 min

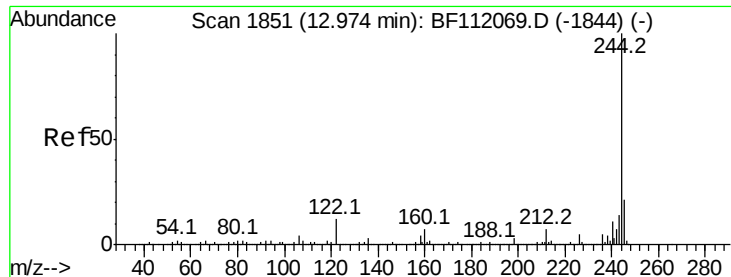
Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.7	26.5
203	18.0	14.6	22.0

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: 83.049 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

Tot Ion:244 Resp: 1707601

Ion Ratio Lower Upper

244 100

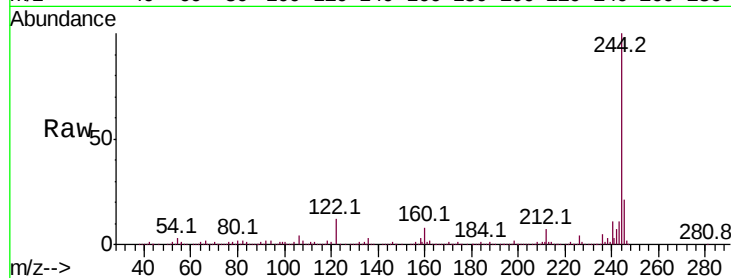
212 7.1 5.9 8.9

122 12.5 9.8 14.6

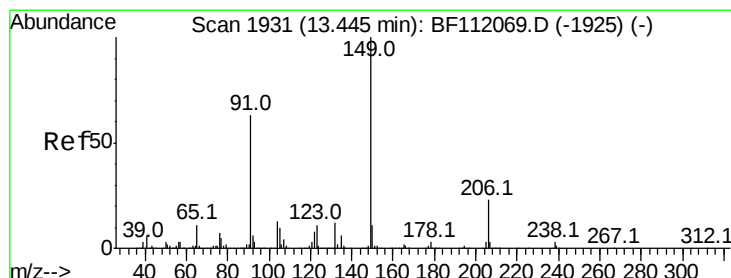
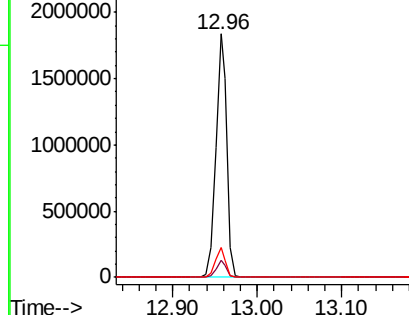
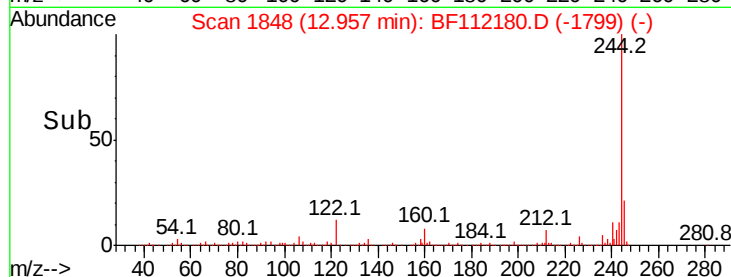
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Abundance Ion 244.00 (243.70 to 244.70): E
2500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.029 ng

RT: 13.43 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

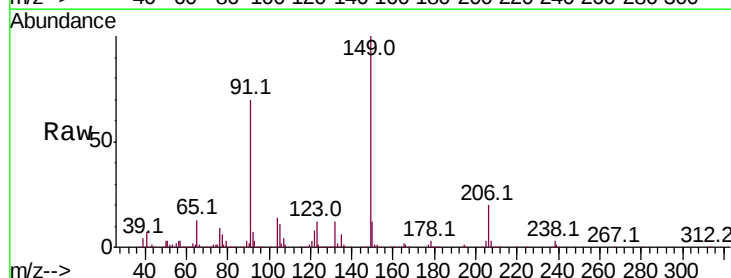
Tgt Ion:149 Resp: 646046

Ion Ratio Lower Upper

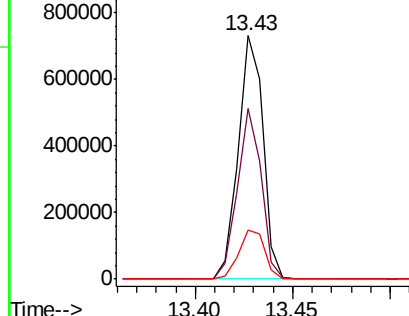
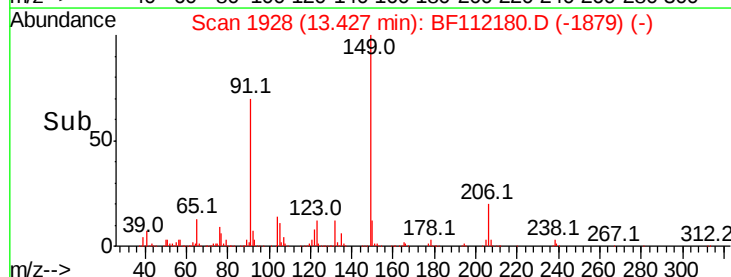
149 100

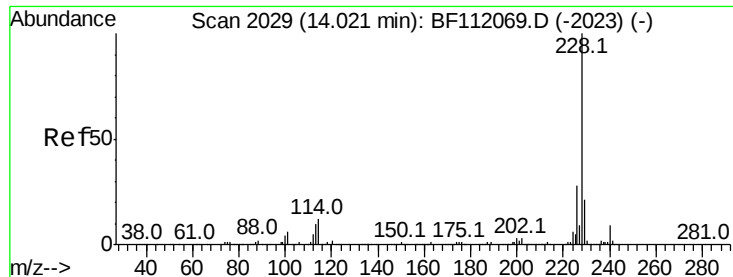
91 70.2 50.3 75.5

206 20.4 18.2 27.4



Abundance Ion 149.00 (148.70 to 149.70): E
1000000
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





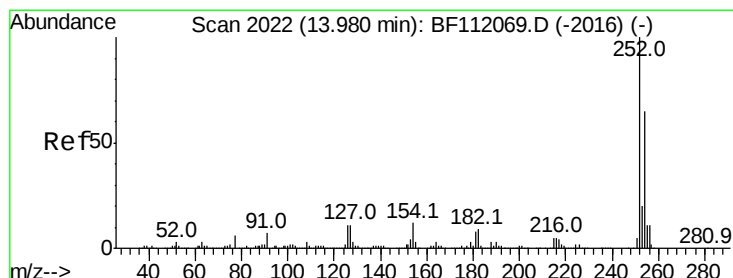
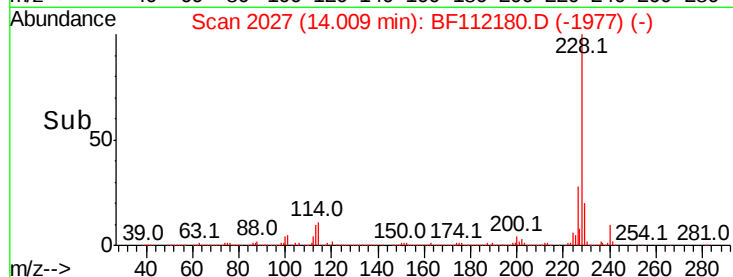
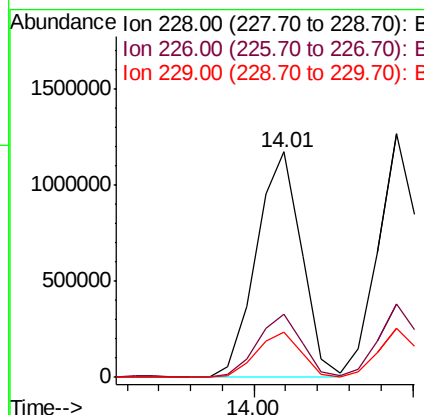
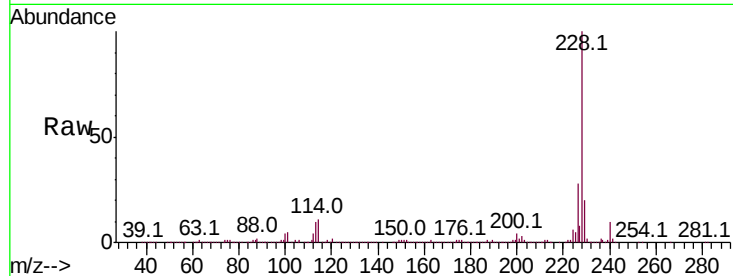
#81
Benzo(a)anthracene
Concen: 46.476 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	34.0
229	20.0	16.5	24.7

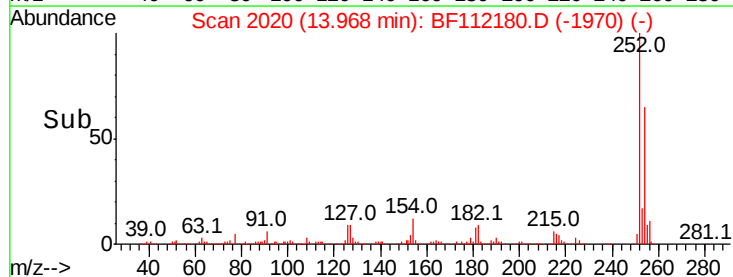
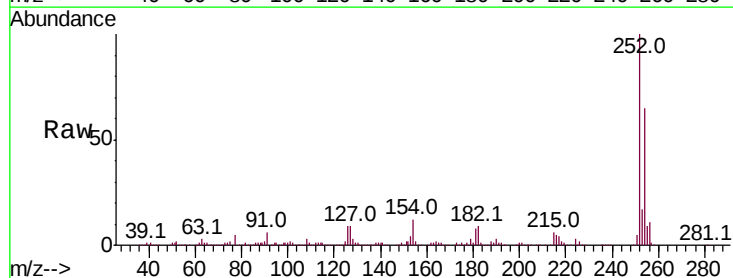
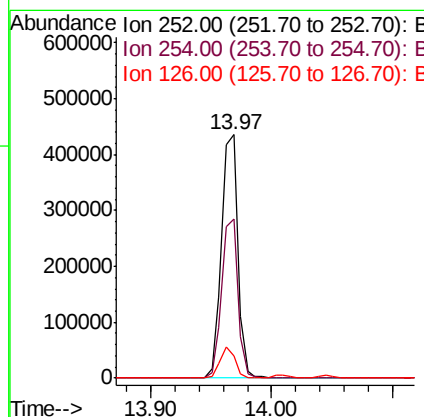
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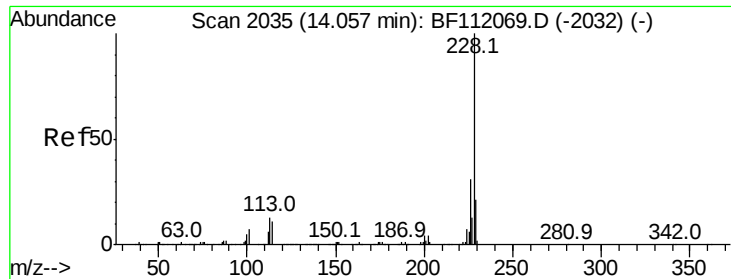
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 43.386 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.6	77.4
126	9.2	8.6	12.8





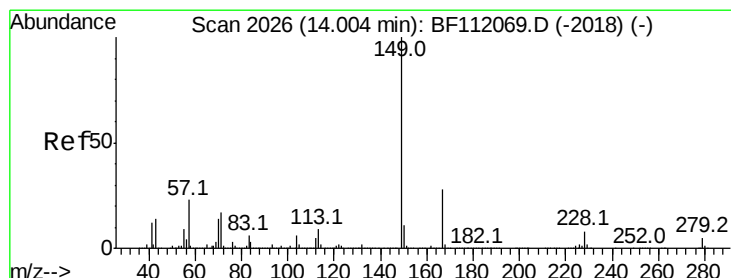
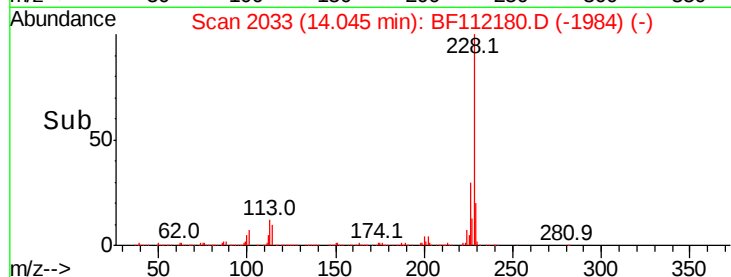
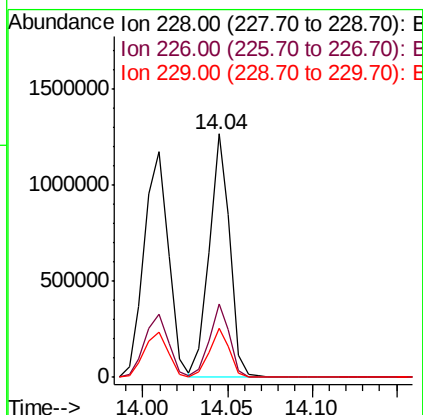
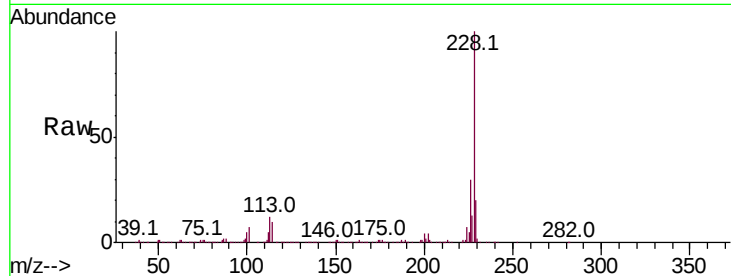
#83
 Chrvsene
 Concen: 45.487 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Instrument :
 BNA_F
 ClientSampleId :
 PB116516BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.2	16.6	24.8

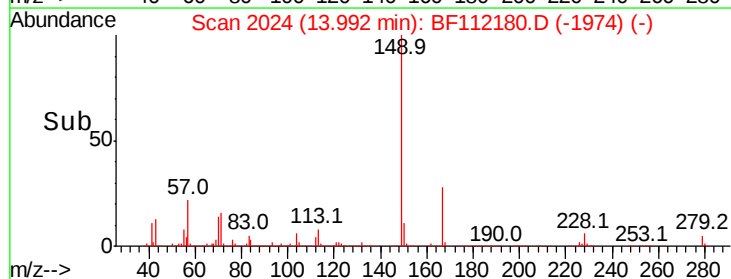
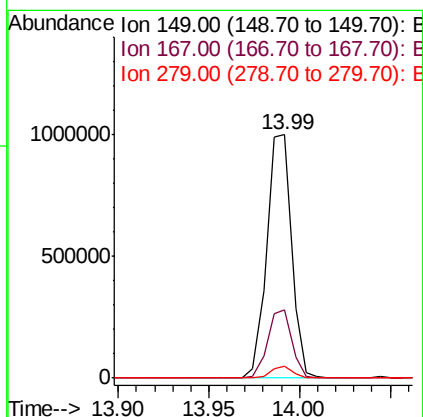
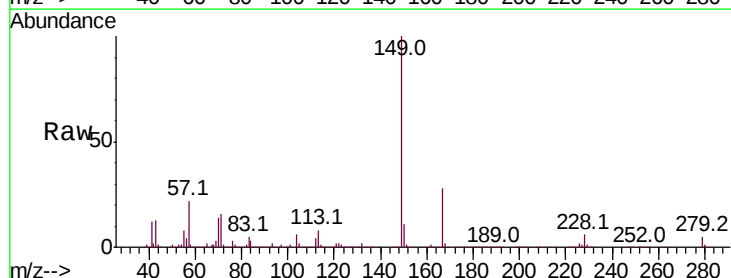
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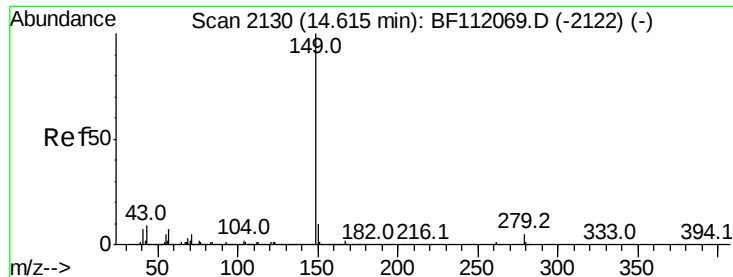
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.726 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF112180.D
 Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.5	33.7
279	4.7	3.8	5.6





#85

Di-n-octyl phthalate

Concen: 55.693 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

ClientSampleId :

PB116516BSD

Tot Ion:149 Resp: 1556996

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

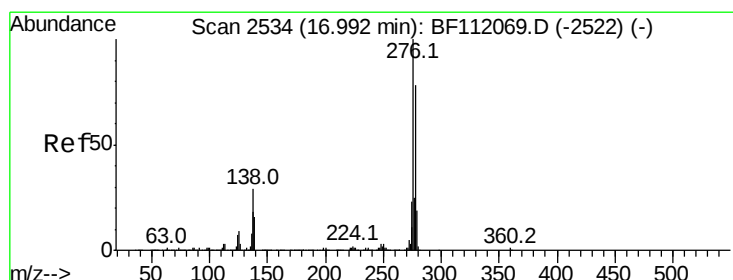
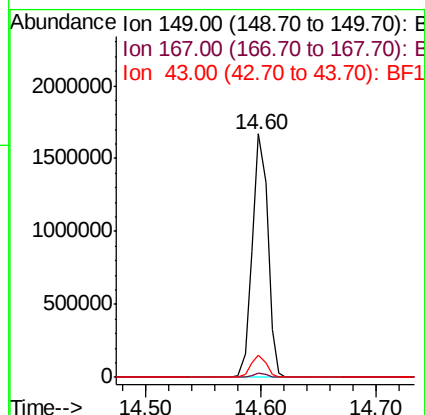
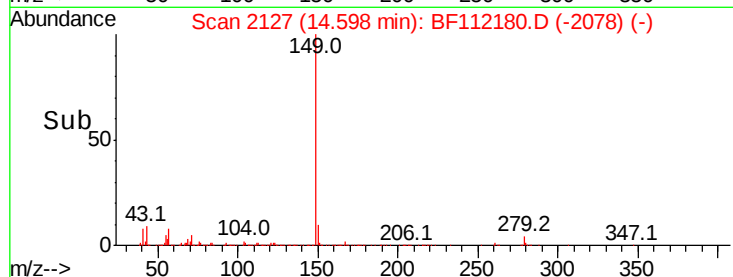
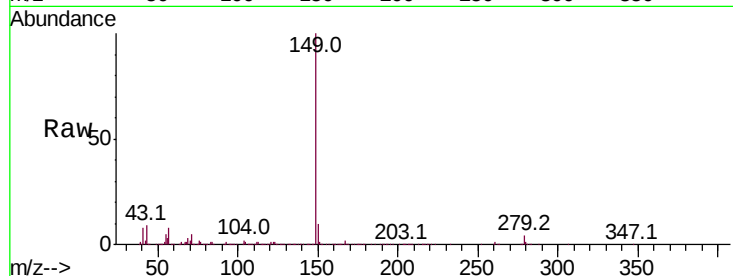
43 8.8 7.8 11.6

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#86

Indeno(1,2,3-cd)pyrene

Concen: 37.905 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.02 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

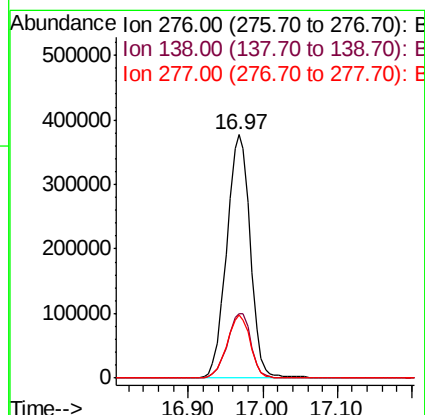
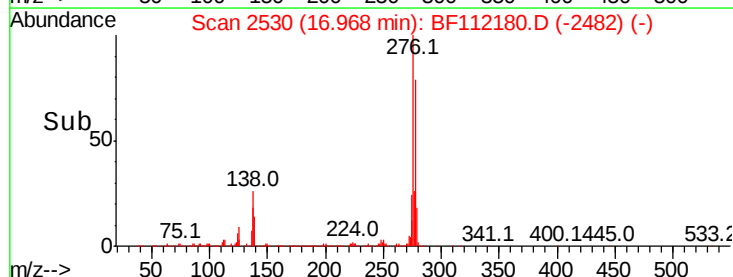
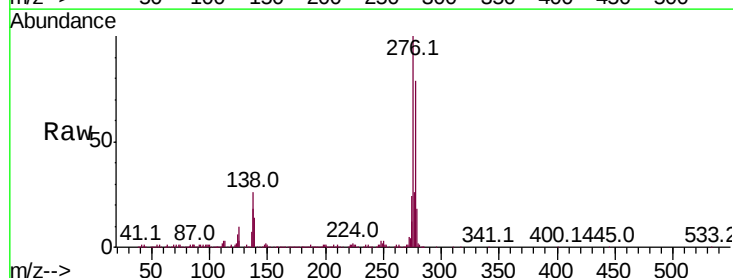
Tgt Ion:276 Resp: 829889

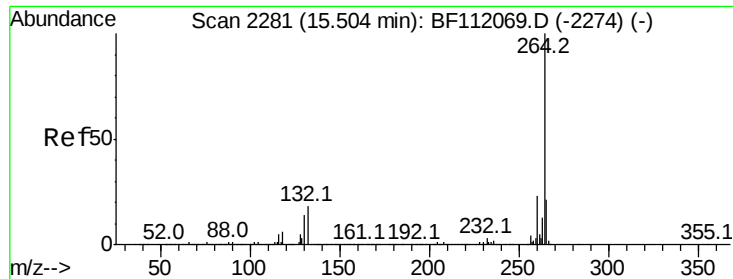
Ion Ratio Lower Upper

276 100

138 26.8 22.6 34.0

277 25.7 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Instrument :

BNA_F

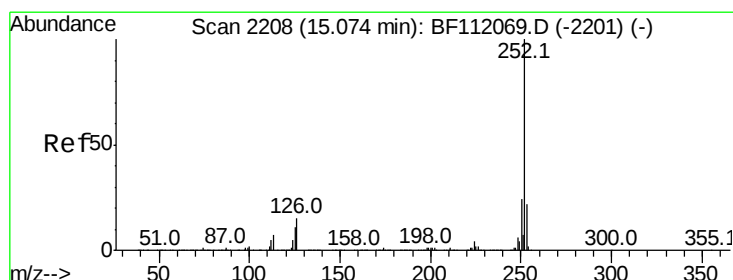
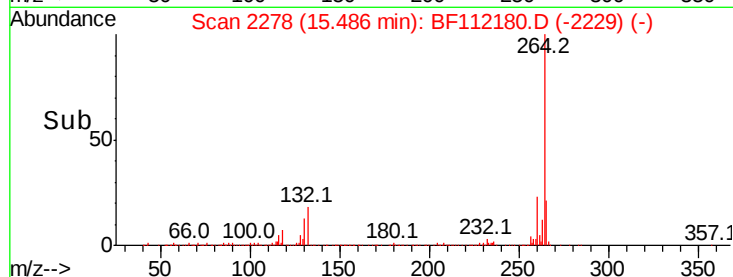
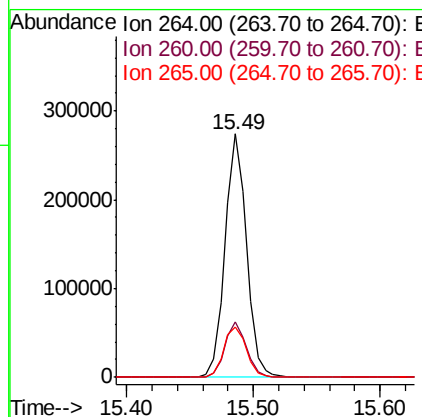
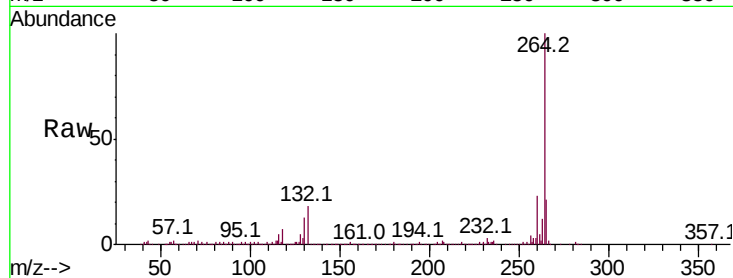
ClientSampleId :

PB116516BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	20.9	17.0	25.4

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#88

Benzo(b)fluoranthene

Concen: 51.041 ng

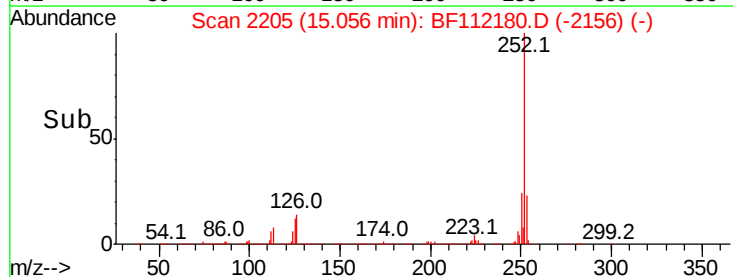
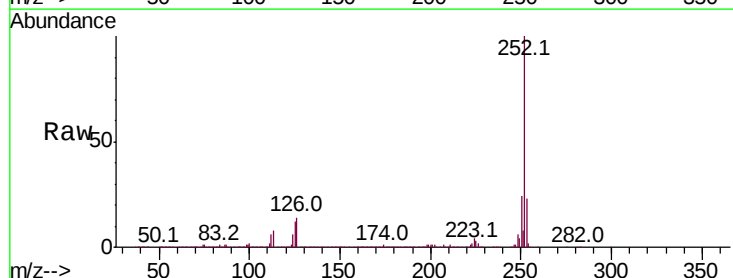
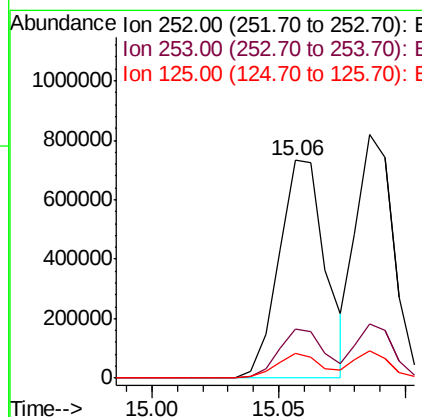
RT: 15.06 min Scan# 2205

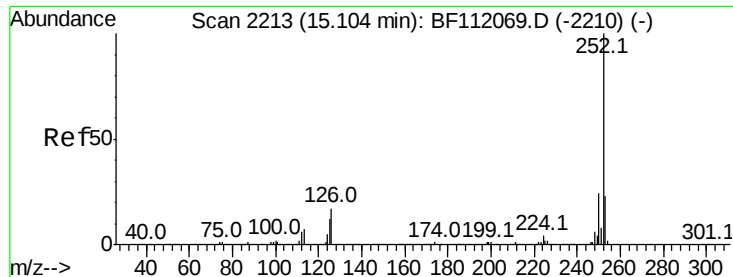
Delta R.T. -0.01 min

Lab File: BF112180.D

Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.6	8.7	13.1





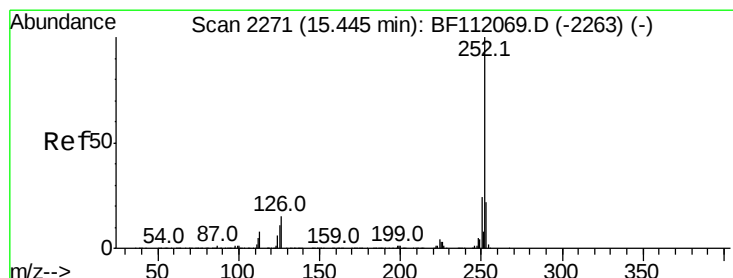
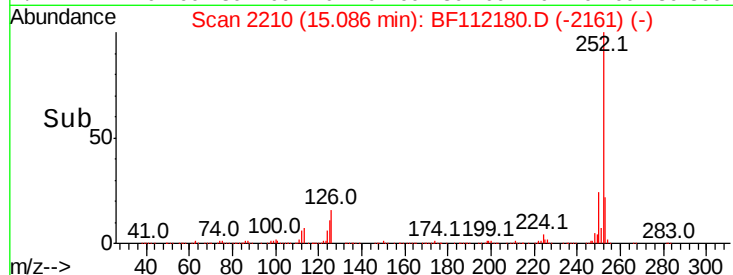
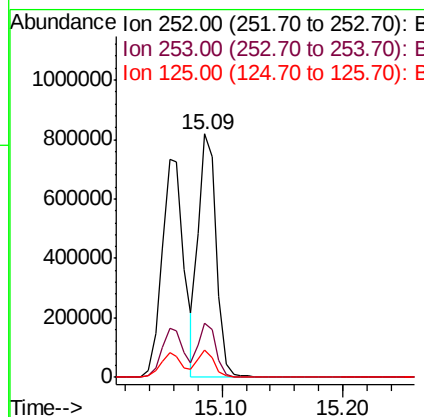
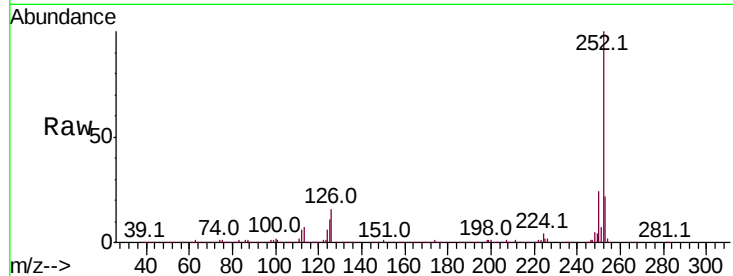
#89
Benzo(k)fluoranthene
Concen: 47.812 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.2	9.1	13.7

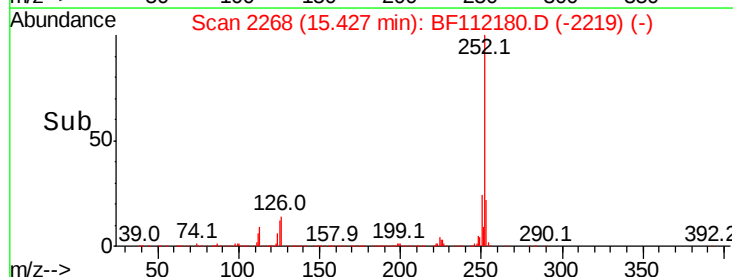
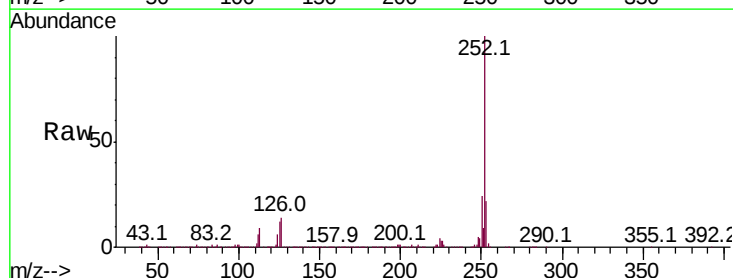
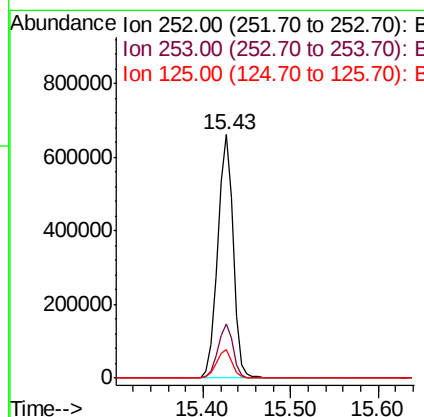
Manual Integrations
APPROVED

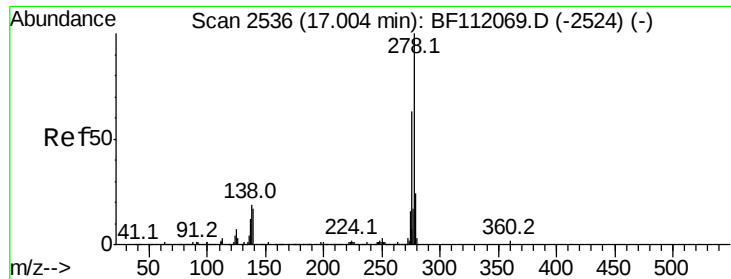
Sohil
1/22/2019 9:59:16 AM



#90
Benzo(a)pyrene
Concen: 48.648 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.8	9.0	13.4





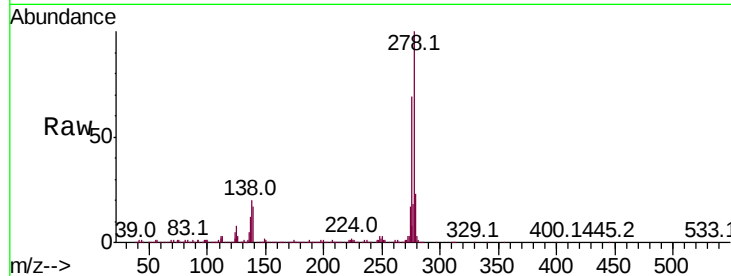
#91
Dibenzo(a,h)anthracene
Concen: 47.097 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.02 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Instrument :
BNA_F
ClientSampleId :
PB116516BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.7	20.5
279	23.5	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/22/2019 9:59:16 AM

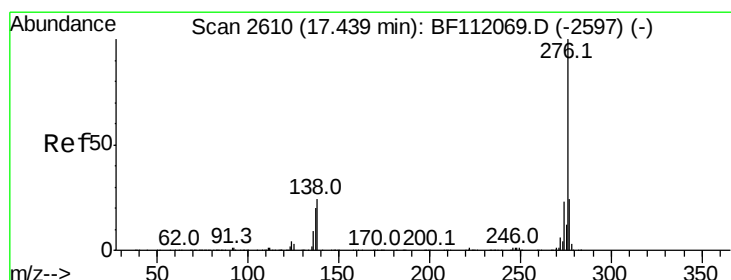
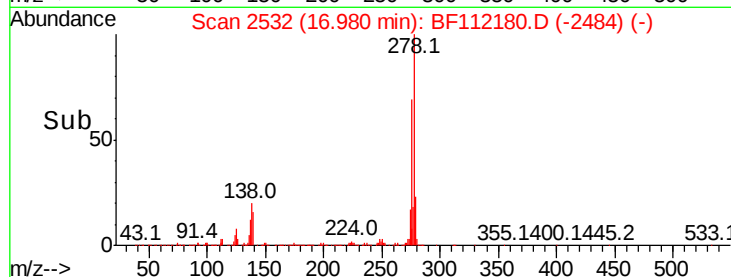
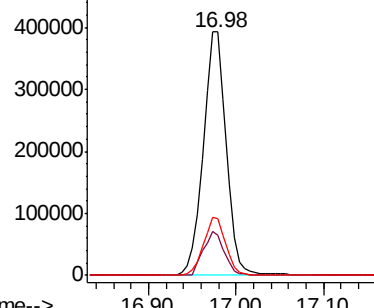


Abundance

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: 46.306 ng
RT: 17.42 min Scan# 2606
Delta R.T. -0.01 min
Lab File: BF112180.D
Acq: 22 Jan 2019 2:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.4	29.0
138	22.0	19.1	28.7

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

