

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110258.D
 Acq On : 29 Oct 2018 13:19
 Operator : JU/SJ
 Sample : J5624-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MSD

Manual Integrations
 APPROVED

Sohil
 10/30/2018 2:24:09 PM

Quant Time: Oct 29 14:25:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 12:32:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	97832	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	376452	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	167101	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	269302	20.00	ng	0.00
76) Chrysene-d12	14.16	240	178366	20.00	ng	0.00
87) Perylene-d12	15.69	264	160228	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	861179	143.35	ng	0.01
7) Phenol-d6	6.60	99	1089269	141.75	ng	0.01
23) Nitrobenzene-d5	7.54	82	691332	108.93	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	229544	138.68	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1197237	112.51	ng	0.00
79) Terphenyl-d14	13.09	244	876957	102.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	93094	29.576	ng	90
3) Pyridine	3.65	79	272729	38.902	ng	# 85
4) n-Nitrosodimethylamine	3.61	42	145120	49.408	ng	91
6) Aniline	6.64	93	324113	32.379	ng	# 53
8) 2-Chlorophenol	6.76	128	316161	45.646	ng	98
9) Benzaldehyde	6.52	77	147241	30.928	ng	97
10) Phenol	6.62	94	530929	64.638	ng	# 65
11) bis(2-Chloroethyl)ether	6.70	93	291359	43.115	ng	94
12) 1,3-Dichlorobenzene	6.91	146	328509	43.098	ng	99
13) 1,4-Dichlorobenzene	6.99	146	332013	43.068	ng	98
14) 1,2-Dichlorobenzene	7.14	146	312349	43.646	ng	98
15) Benzyl Alcohol	7.11	79	275803	46.666	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	467597	43.277	ng	69
17) 2-Methylphenol	7.22	107	257758	46.695	ng	# 83
18) Hexachloroethane	7.48	117	115438	40.901	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	214073	43.424	ng	97
20) 3+4-Methylphenols	7.37	107	324088	45.421	ng	96
22) Acetophenone	7.38	105	436912	50.369	ng	# 98
24) Nitrobenzene	7.56	77	324109	49.462	ng	92
25) Isophorone	7.79	82	590738	54.602	ng	96
26) 2-Nitrophenol	7.87	139	161642	51.838	ng	93
27) 2,4-Dimethylphenol	7.90	122	290660	56.223	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	377846	51.410	ng	99
29) 2,4-Dichlorophenol	8.11	162	262387	50.237	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	282744	48.329	ng	96
31) Naphthalene	8.27	128	911964	52.562	ng	100
32) Benzoic acid	7.97	122	30710	7.686	ng	94
33) 4-Chloroaniline	8.32	127	217946	27.911	ng	98
34) Hexachlorobutadiene	8.39	225	156264	48.106	ng	99
35) Caprolactam	8.69	113	80419m	44.176	ng	
36) 4-Chloro-3-methylphenol	8.80	107	277111	49.064	ng	93
37) 2-Methylnaphthalene	8.97	142	614025	53.489	ng	99
38) 1-Methylnaphthalene	9.07	142	578019	52.105	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	260137	49.964	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	86109	32.344	nq	97
43) 2,4,6-Trichlorophenol	9.25	196	169369	50.435	nq	96
44) 2,4,5-Trichlorophenol	9.29	196	180055	50.724	nq	95
46) 1,1'-Biphenyl	9.43	154	720808	47.701	nq	98
47) 2-Chloronaphthalene	9.46	162	552290	49.826	nq	98
48) 2-Nitroaniline	9.56	65	168219	50.082	nq	90
49) Acenaphthylene	9.88	152	841541	52.565	nq	99
50) Dimethylphthalate	9.73	163	830407	67.321	nq	100
51) 2,6-Dinitrotoluene	9.80	165	134310	50.549	nq	92
52) Acenaphthene	10.05	154	512679	48.407	nq	98
53) 3-Nitroaniline	9.97	138	115987	36.708	nq	88
54) 2,4-Dinitrophenol	10.07	184	26672	28.832	nq	88
55) Dibenzofuran	10.22	168	733091	49.438	nq	98
56) 4-Nitrophenol	10.13	139	276191	118.104	nq	87
57) 2,4-Dinitrotoluene	10.20	165	172875	51.224	nq	# 86
58) Fluorene	10.57	166	576119	52.203	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	134732m	46.567	nq	
60) Diethylphthalate	10.43	149	620893	51.565	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	274112	47.083	nq	98
62) 4-Nitroaniline	10.59	138	127812	40.671	nq	91
63) Azobenzene	10.72	77	564751	47.252	nq	95
65) 4,6-Dinitro-2-methylphenol	10.61	198	29597	24.055	nq	81
66) n-Nitrosodiphenylamine	10.67	169	492081	55.709	nq	95
67) 4-Bromophenyl-phenylether	11.05	248	156499	53.575	nq	94
68) Hexachlorobenzene	11.12	284	152436	49.182	nq	# 93
69) Atrazine	11.20	200	155535	55.718	nq	99
70) Pentachlorophenol	11.31	266	135388	74.912	nq	96
71) Phenanthrene	11.53	178	961338	68.223	nq	100
72) Anthracene	11.59	178	796404	56.386	nq	99
73) Carbazole	11.74	167	654769	47.479	nq	100
74) Di-n-butylphthalate	12.05	149	851274	54.656	nq	100
75) Fluoranthene	12.73	202	847416	59.256	nq	99
77) Benzidine	12.84	184	203160	37.267	nq	97
78) Pyrene	12.96	202	811206	63.438	nq	98
80) Butylbenzylphthalate	13.56	149	302719	54.542	nq	97
81) Benzo(a)anthracene	14.15	228	646355	61.107	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	176270	47.857	nq	99
83) Chrysene	14.19	228	591945	58.920	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	409731	54.611	nq	98
85) Di-n-octyl phthalate	14.73	149	681704	58.434	nq	# 99
86) Indeno(1,2,3-cd)pyrene	17.27	276	471092	56.523	nq	97
88) Benzo(b)fluoranthene	15.23	252	596360	64.453	nq	98
89) Benzo(k)fluoranthene	15.26	252	487043m	53.544	nq	
90) Benzo(a)pyrene	15.63	252	509813	59.880	nq	98
91) Dibenzo(a,h)anthracene	17.28	278	377487	51.385	nq	98
92) Benzo(g,h,i)perylene	17.74	276	382267	52.806	nq	97

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

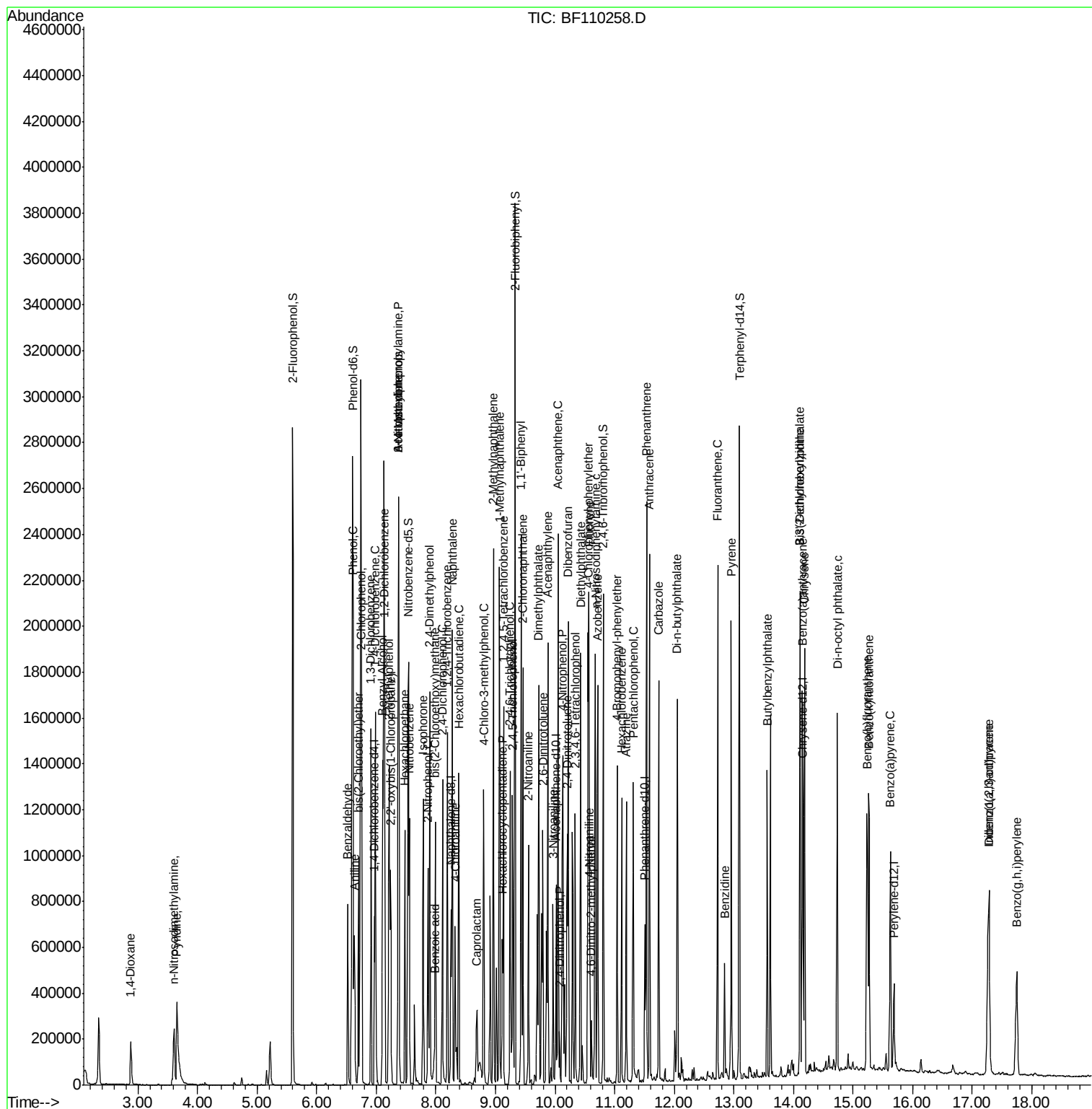
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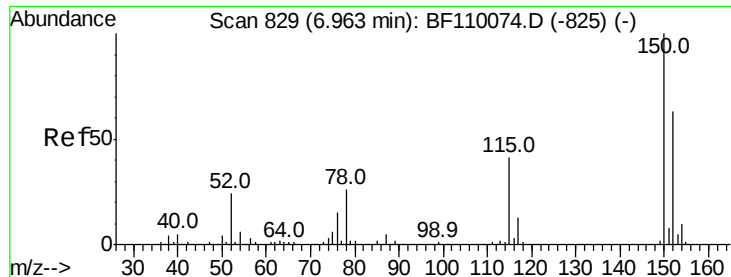
Instrument :
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#1

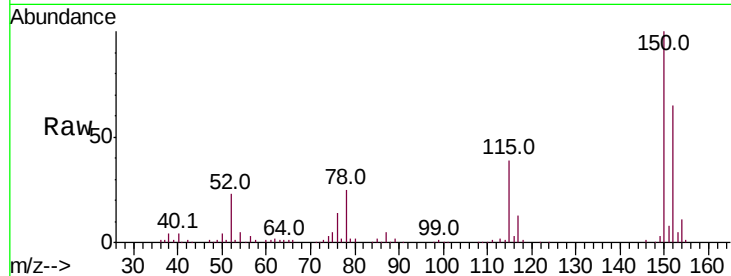
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.7	184.1
115	60.9	49.1	73.7

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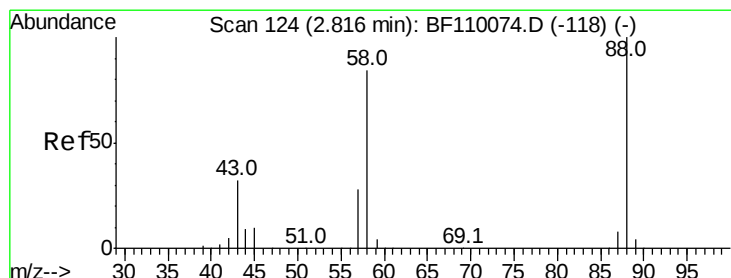
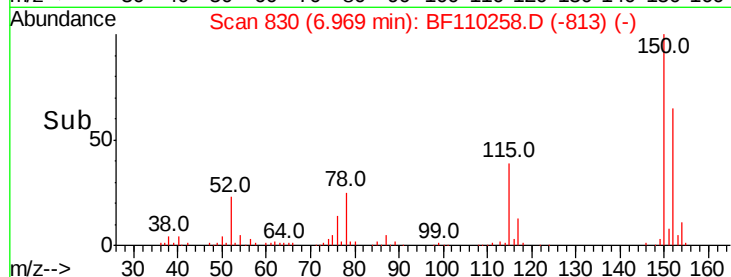
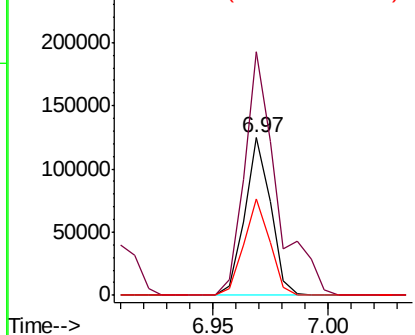


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

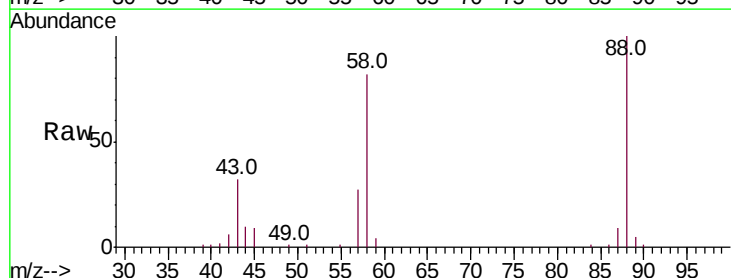
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 29.576 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.07 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	57.1	85.7
43	32.1	24.1	36.1

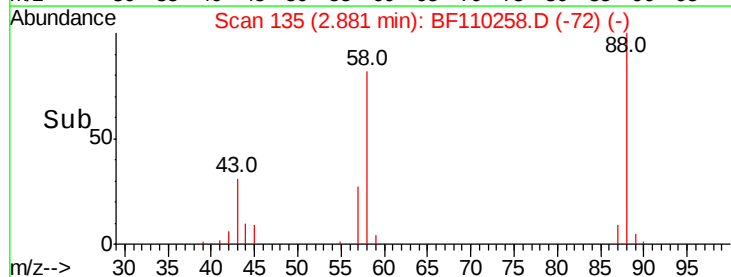
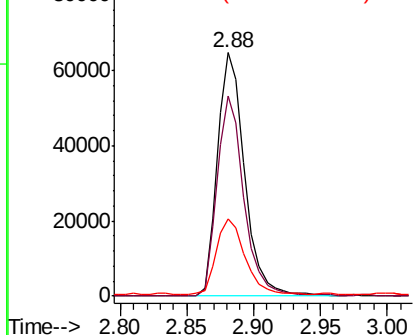


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.902 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.06 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

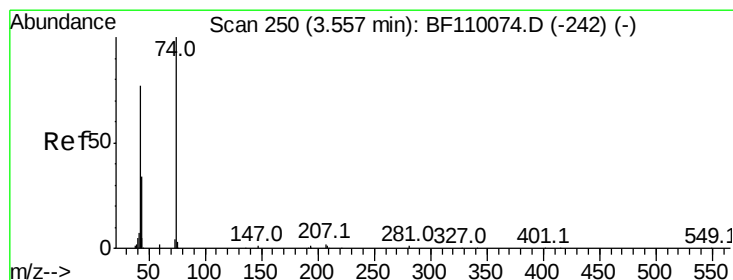
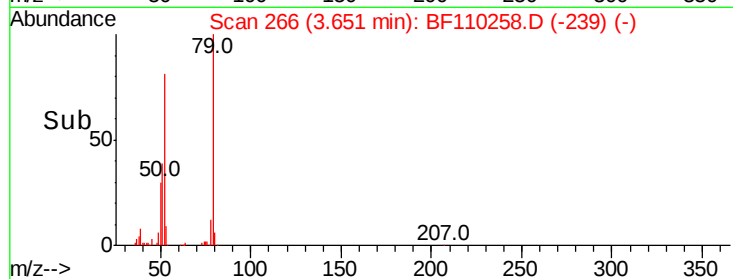
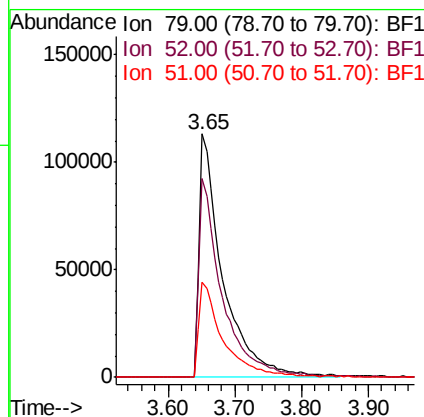
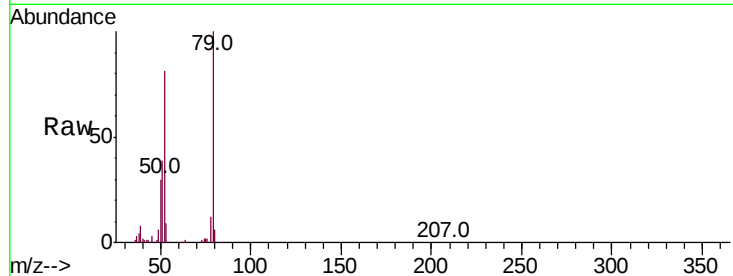
ClientSampleId :

PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	81.5	53.1	79.7#
51	39.1	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 49.408 ng

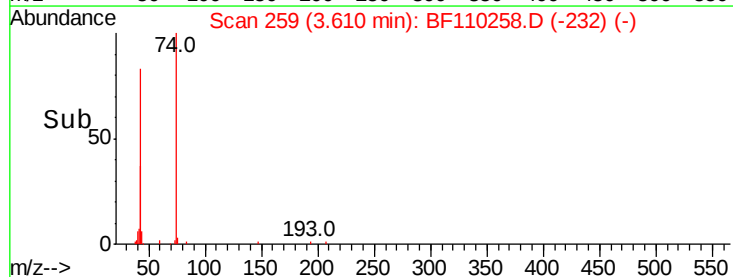
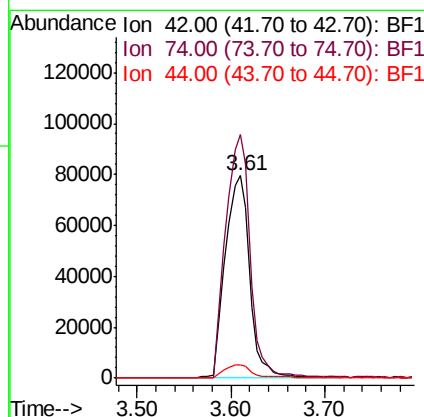
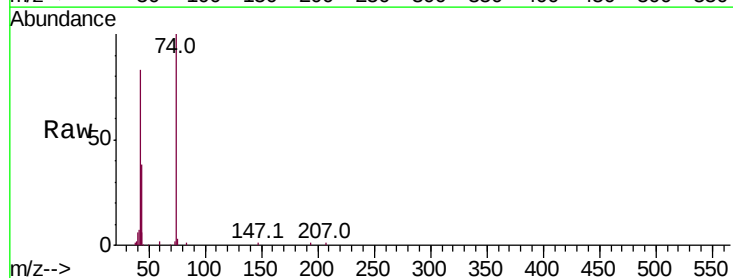
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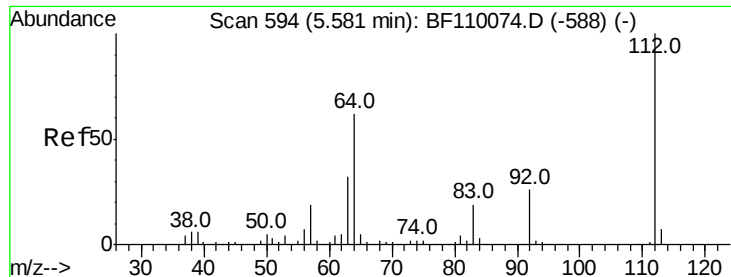
Delta R.T. 0.06 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	120.4	105.5	158.3
44	6.8	4.9	7.3





#5

2-Fluorophenol

Concen: 143.347 ng

RT: 5.60 min Scan# 597

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

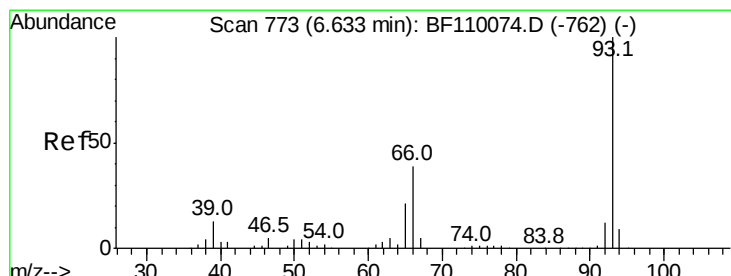
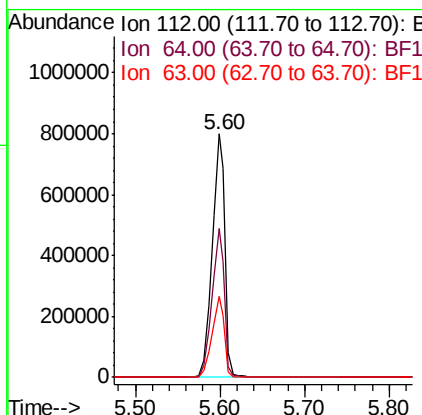
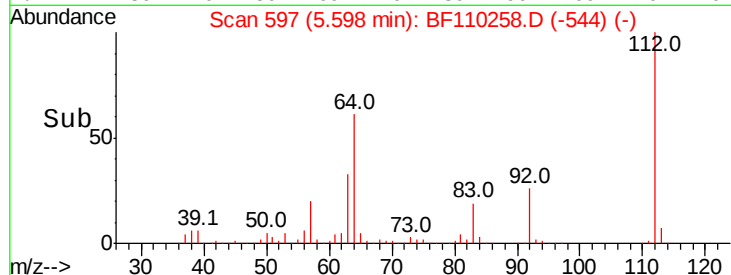
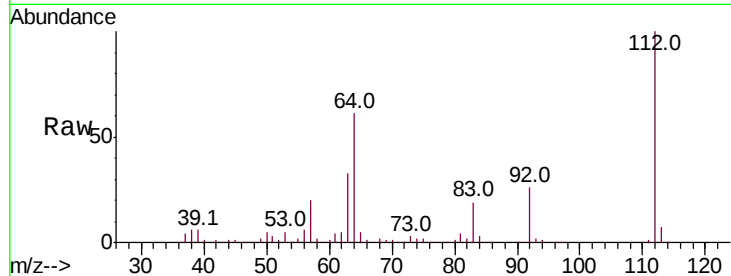
ClientSampleId :

PA-SED-01MSD

Tot Ion:	112	Resp:	861179
Ion Ratio	Lower	Upper	
112	100		
64	61.2	44.1	66.1
63	33.2	23.7	35.5

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#6

Aniline

Concen: 32.379 ng

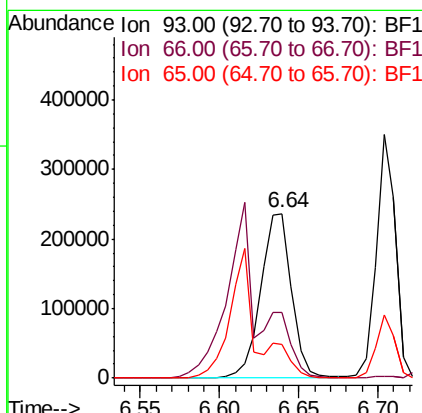
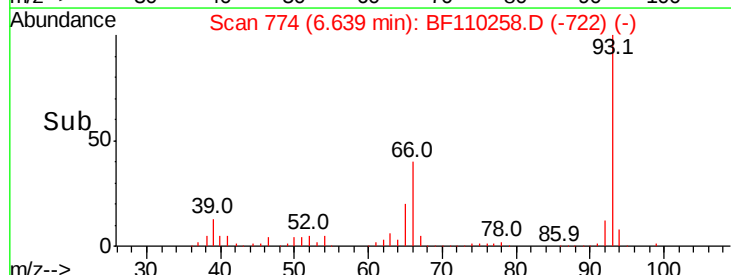
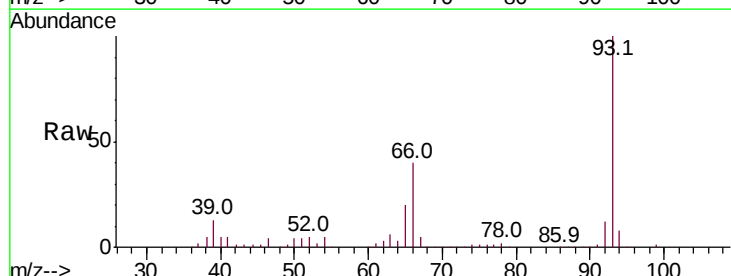
RT: 6.64 min Scan# 774

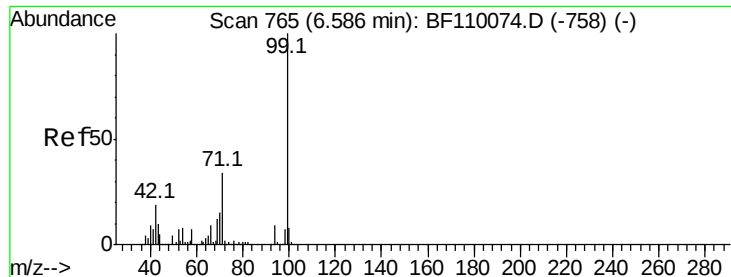
Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion:	93	Resp:	324113
Ion Ratio	Lower	Upper	
93	100		
66	40.2	67.4	101.0#
65	20.1	41.0	61.4#





#7

Phenol-d6

Concen: 141.753 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

PA-SED-01MSD

Tot Ion: 99 Resp: 1089269

Ion Ratio Lower Upper

99 100

42 19.2 15.8 23.6

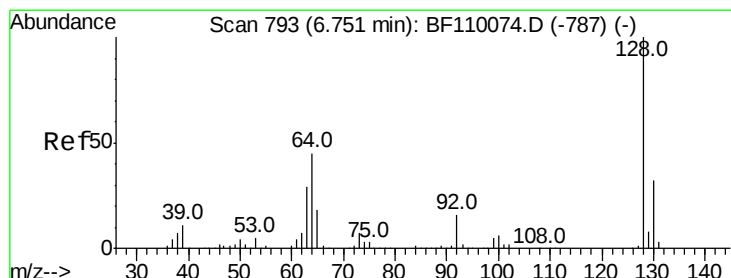
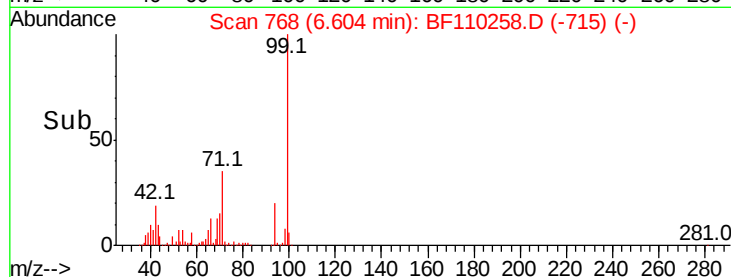
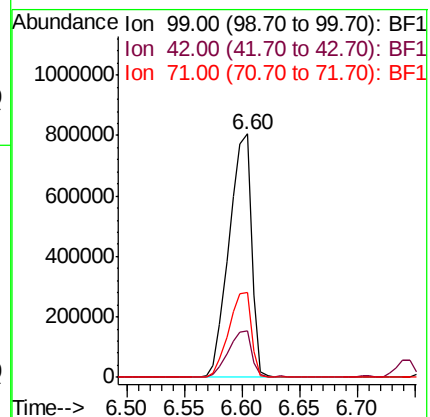
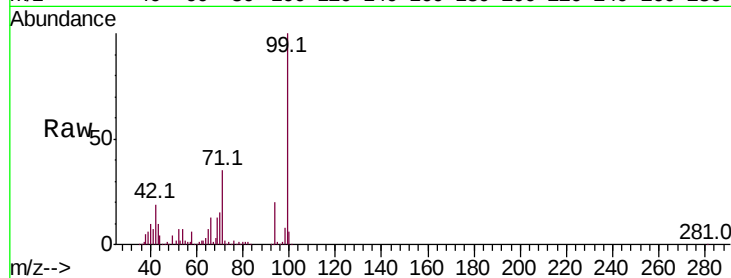
71 34.6 28.0 42.0

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#8

2-Chlorophenol

Concen: 45.646 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

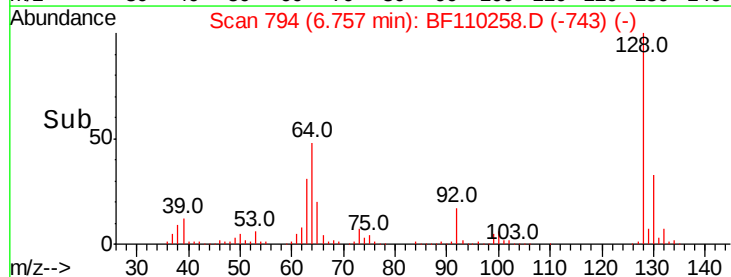
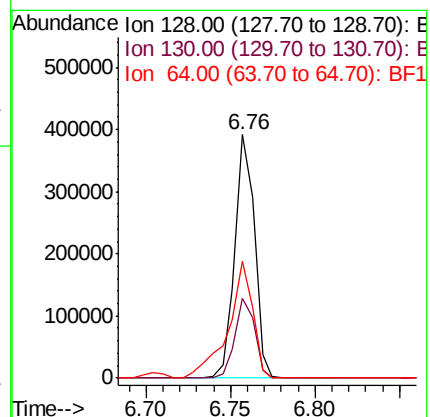
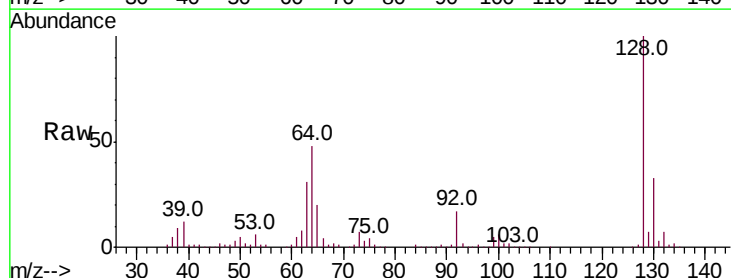
Tgt Ion: 128 Resp: 316161

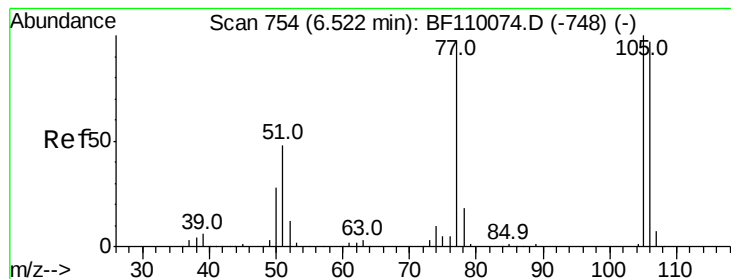
Ion Ratio Lower Upper

128 100

130 32.7 13.1 53.1

64 48.3 26.0 66.0





#9

Benzaldehyde

Concen: 30.928 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF110258.D

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BNA_F

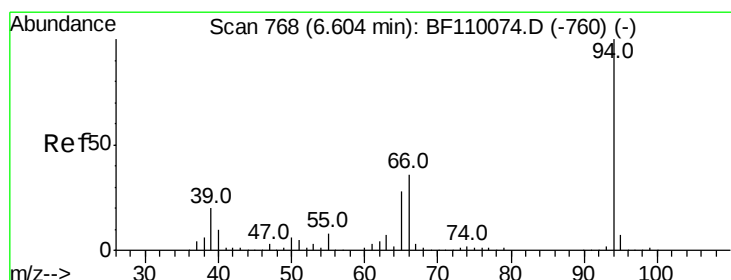
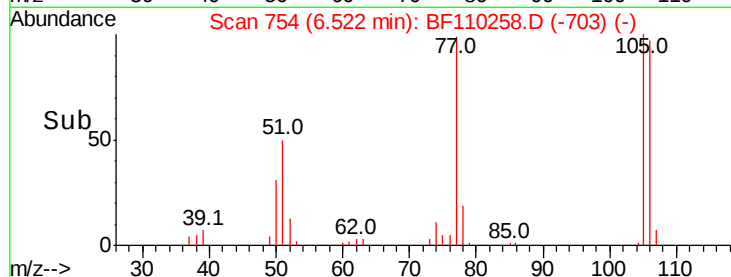
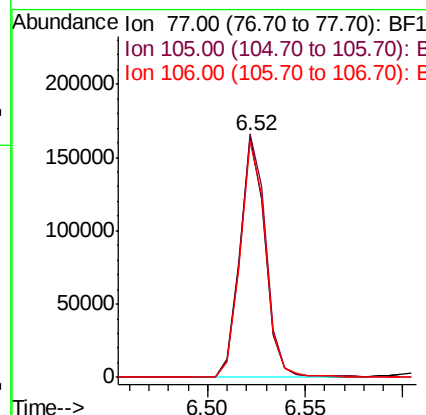
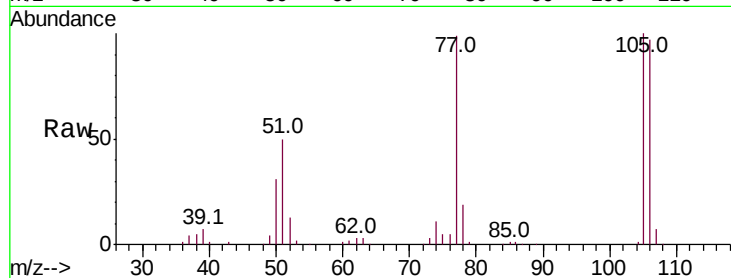
ClientSampleId :

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Tot Ion:	77	Resp:	147241
Ion Ratio	Lower	Upper	
77	100		
105	100.9	78.6	118.6
106	97.9	74.8	114.8

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#10

Phenol

Concen: 64.638 ng

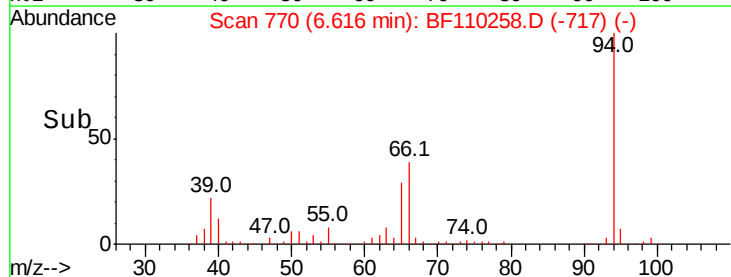
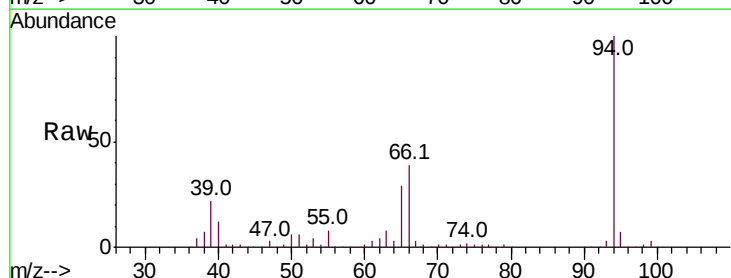
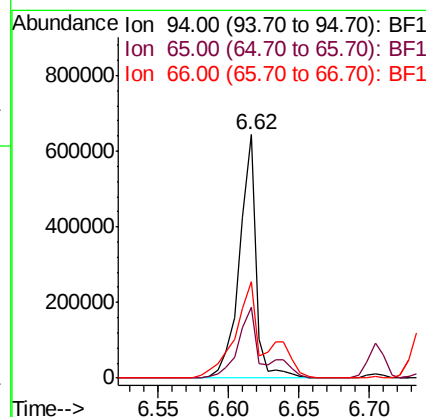
RT: 6.62 min Scan# 770

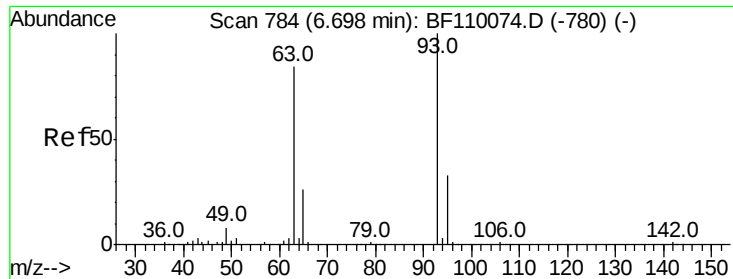
Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion:	94	Resp:	530929
Ion Ratio	Lower	Upper	
94	100		
65	29.0	25.3	65.3
66	39.3	54.5	94.5#





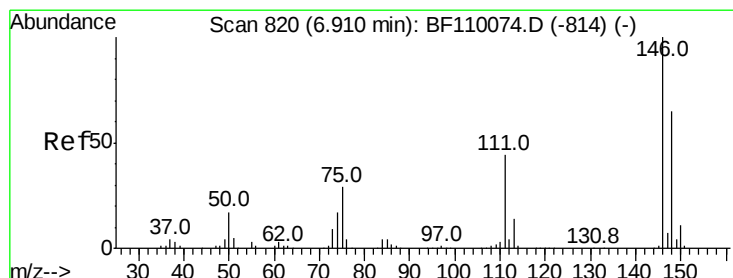
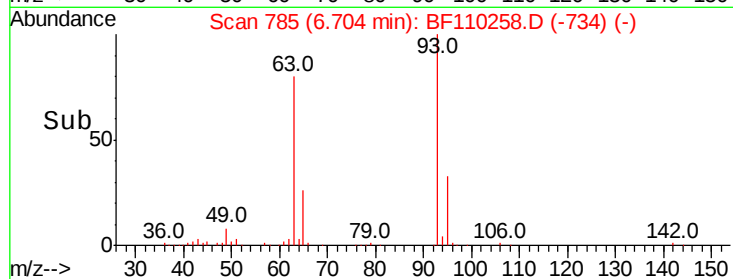
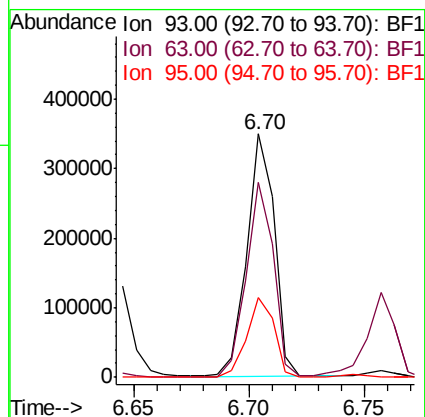
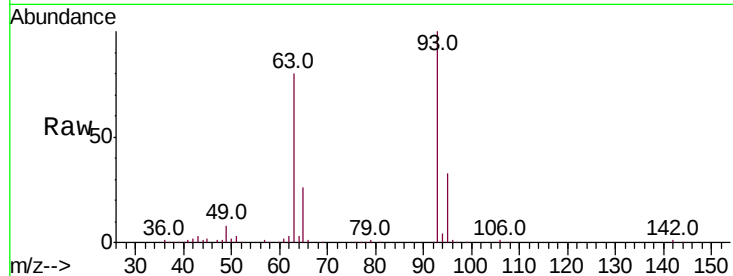
#11
bis(2-Chloroethyl)ether
Concen: 43.115 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.0	53.4	93.4
95	32.8	12.1	52.1

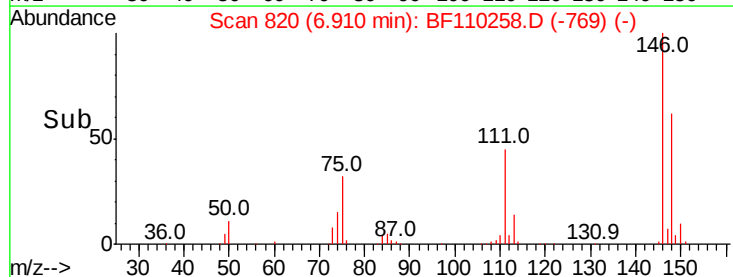
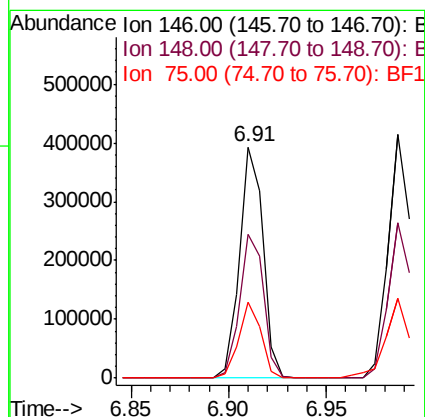
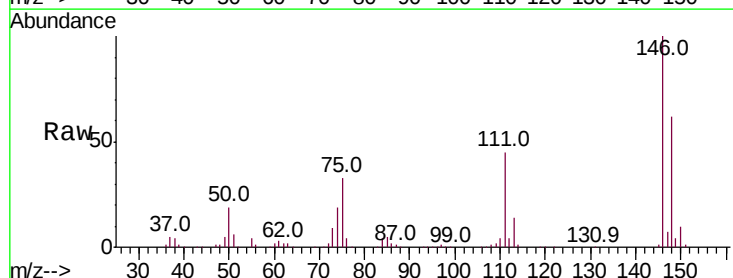
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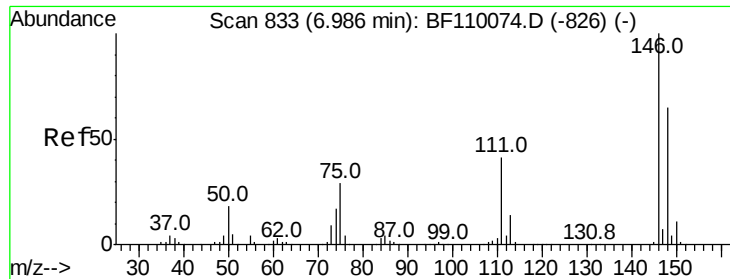
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.098 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.4	75.6
75	33.0	25.8	38.6





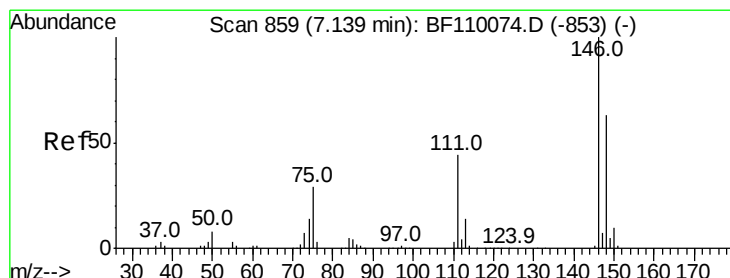
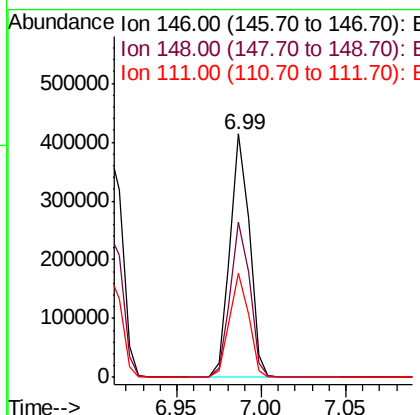
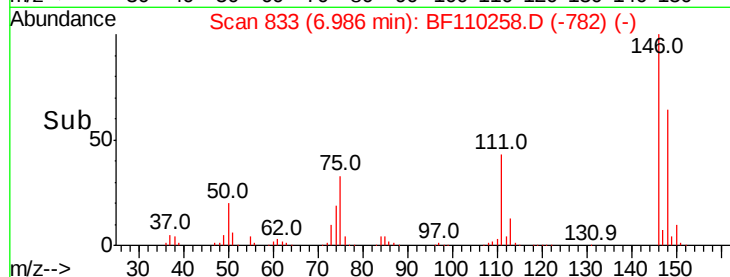
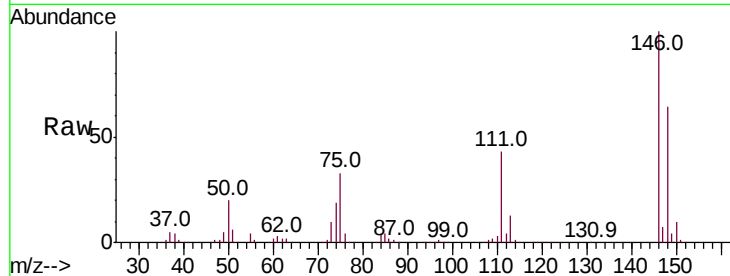
#13
 1,4-Dichlorobenzene
 Concen: 43.068 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	42.9	32.7	49.1

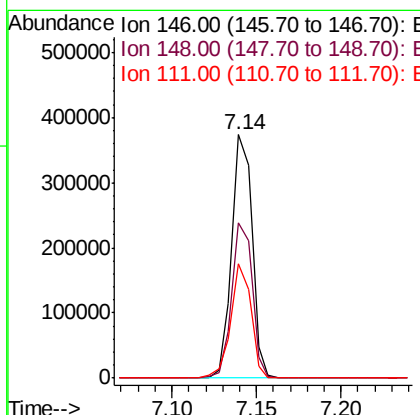
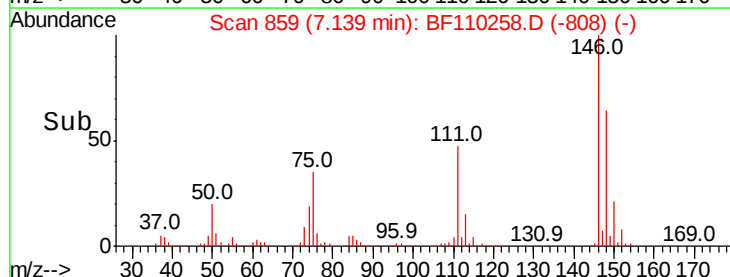
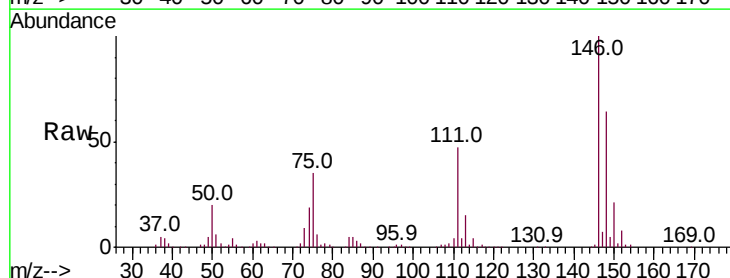
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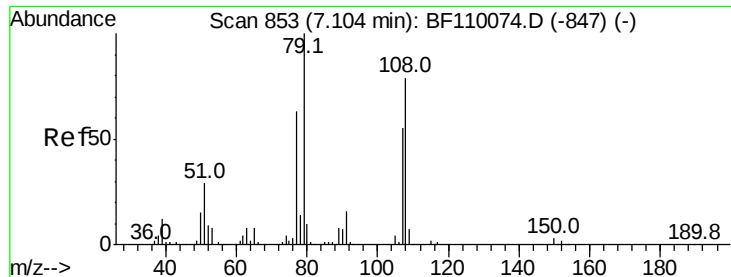
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#14
 1,2-Dichlorobenzene
 Concen: 43.646 ng
 RT: 7.14 min Scan# 859
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	46.9	35.8	53.6





#15

Benzyl Alcohol

Concen: 46.666 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

PA-SED-01MSD

Tot Ion: 79 Resp: 275803

Ion Ratio Lower Upper

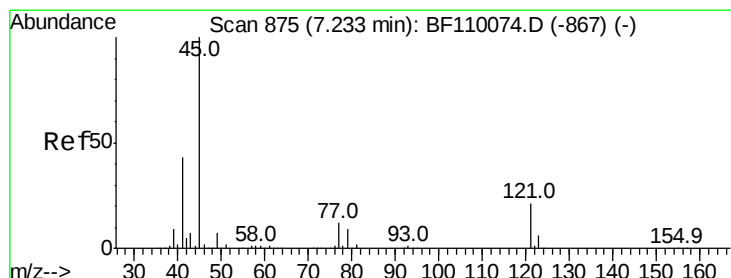
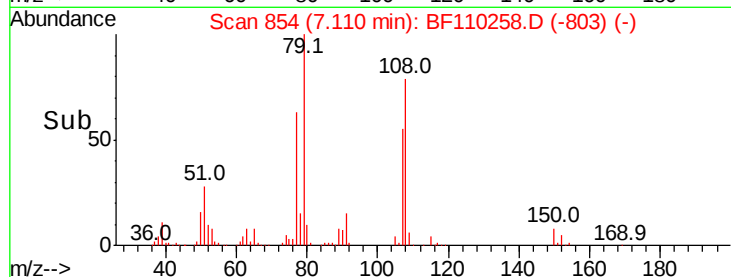
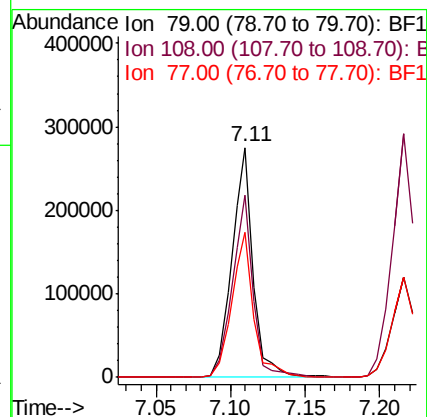
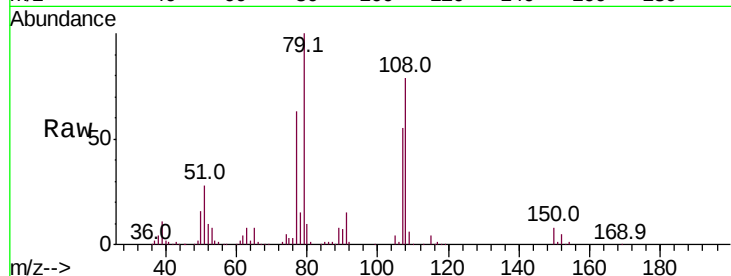
79 100

108 79.3 56.3 84.5

77 63.0 52.9 79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.277 ng

RT: 7.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

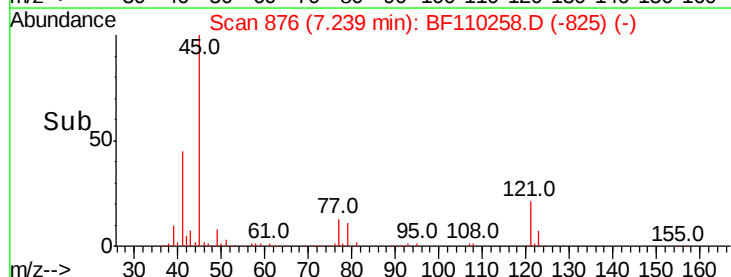
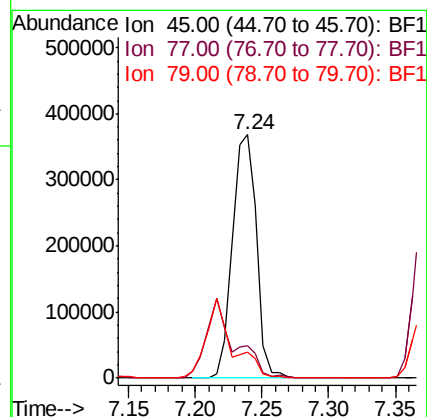
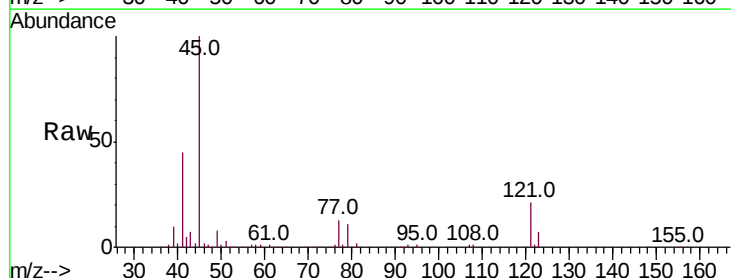
Tgt Ion: 45 Resp: 467597

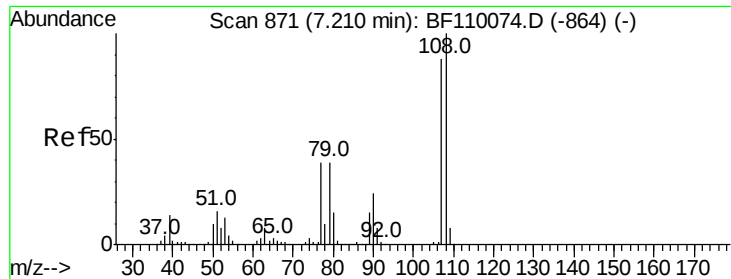
Ion Ratio Lower Upper

45 100

77 13.4 10.0 50.0

79 10.5 6.1 46.1





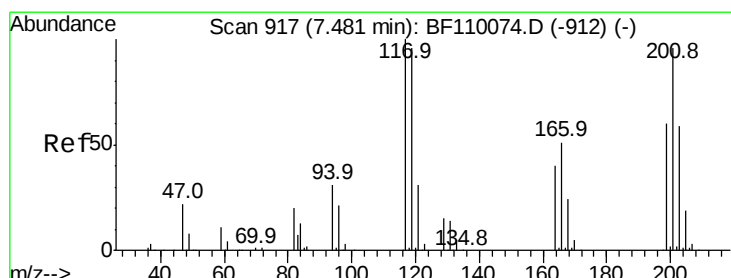
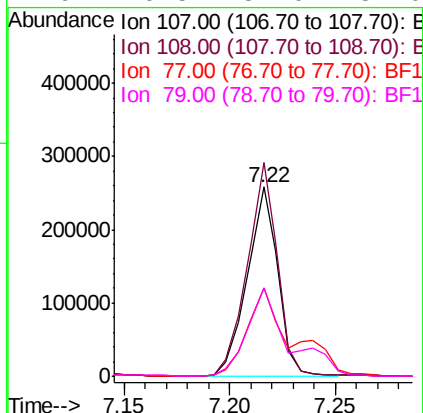
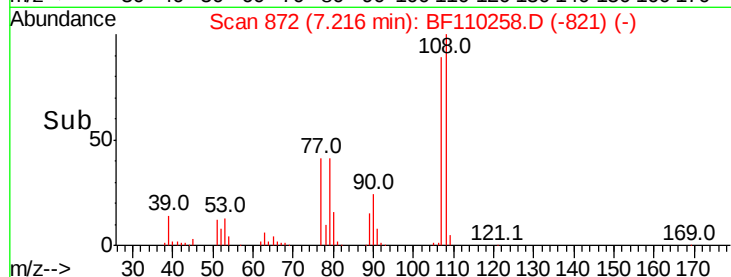
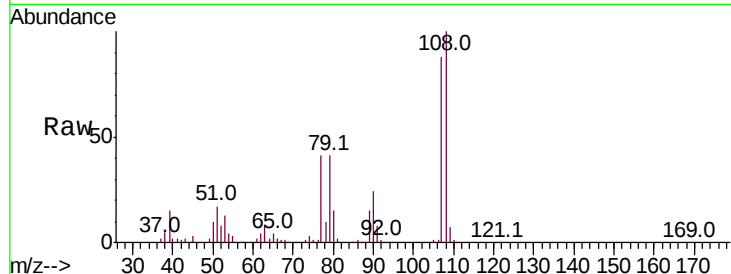
#17
2-Methylphenol
Concen: 46.695 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	92.6	138.8	
77	46.7	59.4	89.2#	
79	46.5	54.0	81.0#	

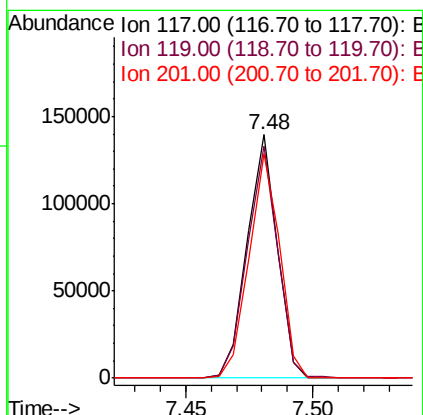
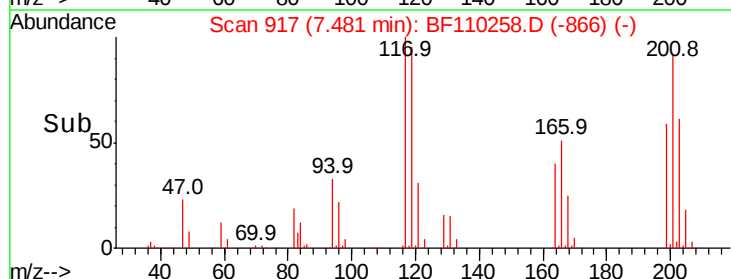
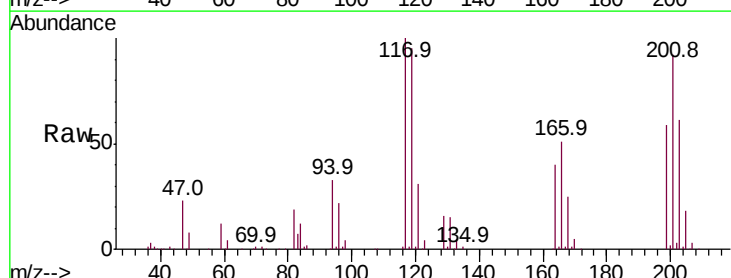
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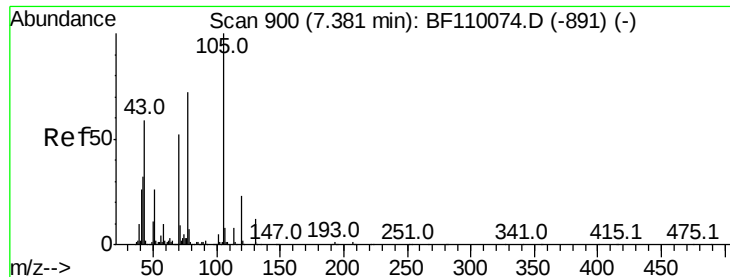
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#18
Hexachloroethane
Concen: 40.901 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	75.0	112.6	
201	92.4	79.2	118.8	





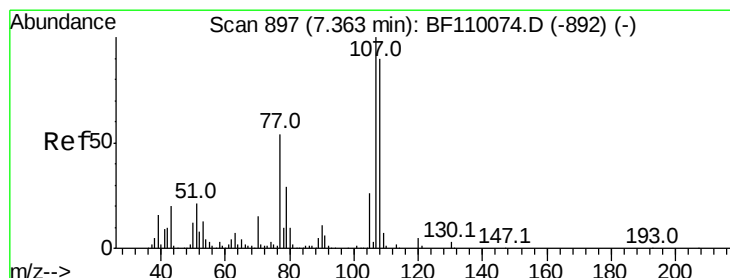
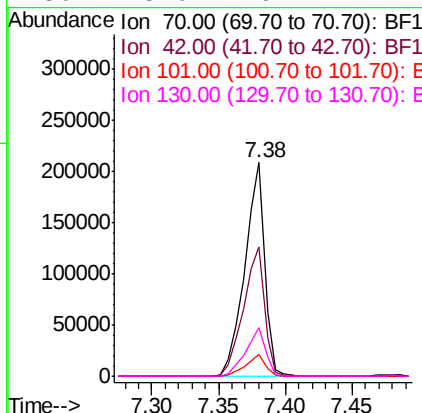
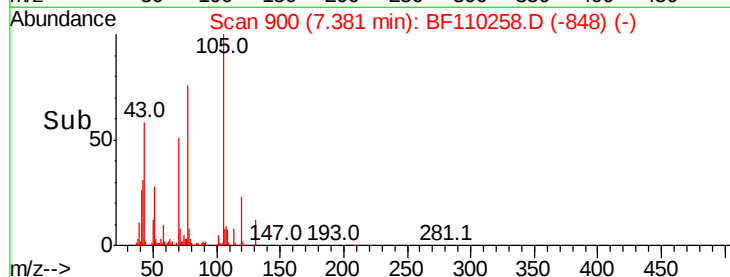
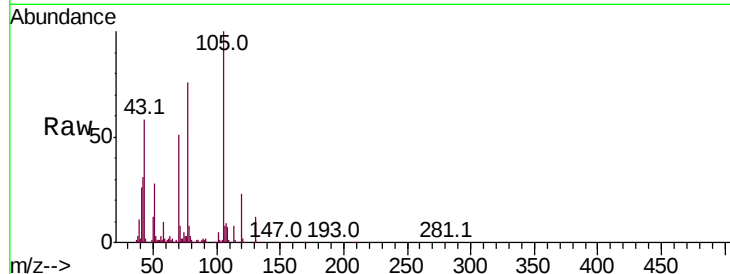
#19
n-Nitroso-di-n-propylamine
Concen: 43.424 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.8	47.4	71.2
101	10.4	7.3	10.9
130	23.0	16.2	24.2

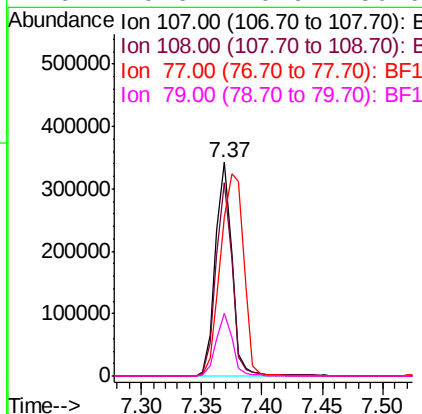
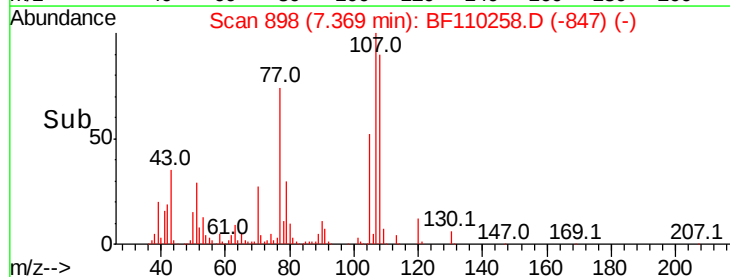
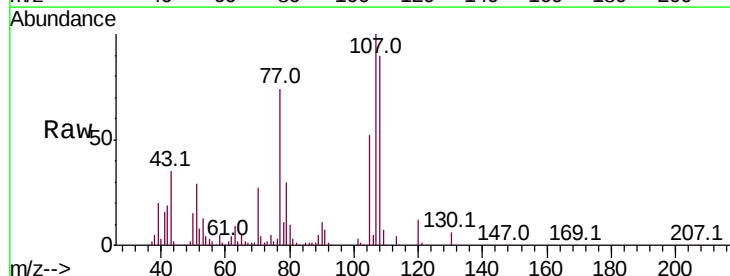
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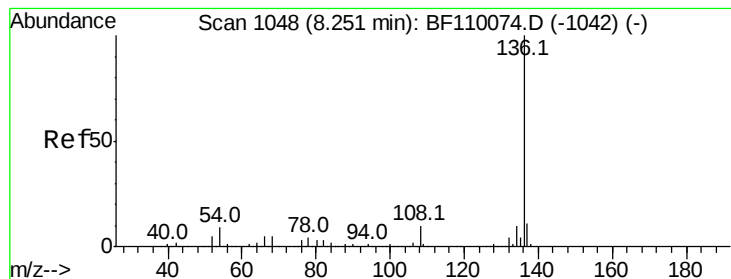
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#20
3+4-Methylphenols
Concen: 45.421 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.3	71.4	111.4
77	74.2	47.3	87.3
79	29.6	10.9	50.9





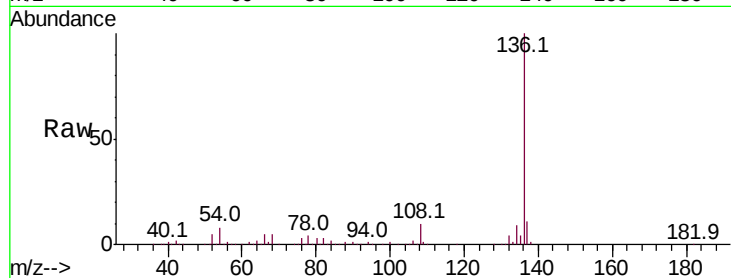
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.8	13.2	
54	8.3	5.4	8.2#	
68	5.3	4.2	6.2	

Manual Integrations
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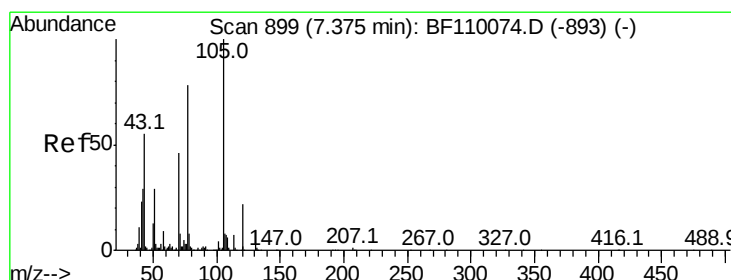
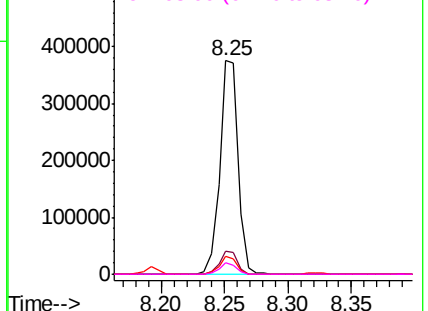
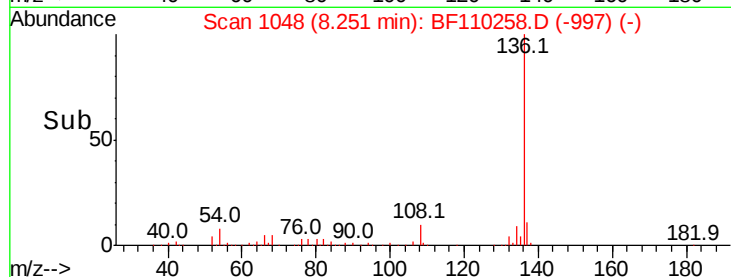
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

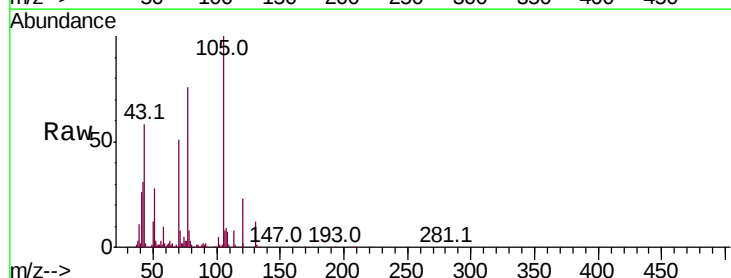
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 50.369 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.2	5.2	7.8#	
51	27.8	21.8	32.8	
120	22.6	17.0	25.4	



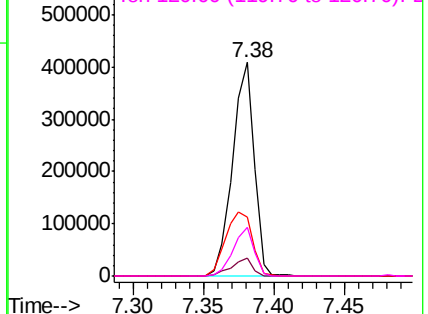
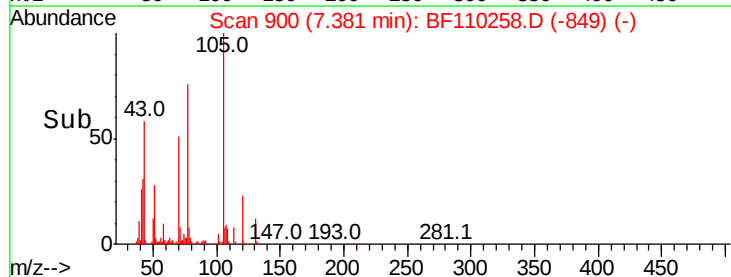
Abundance

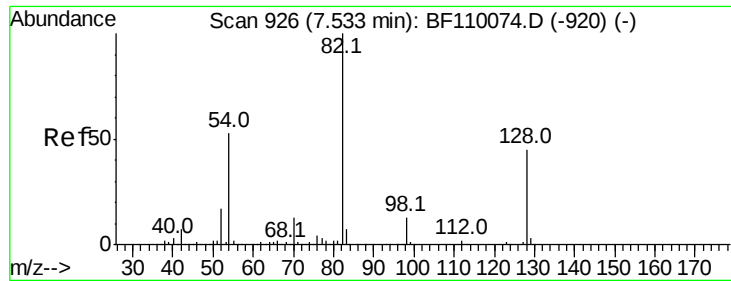
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





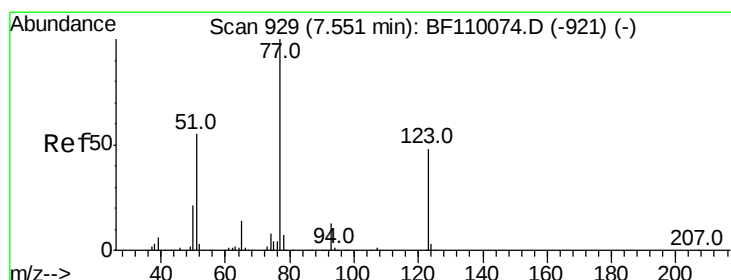
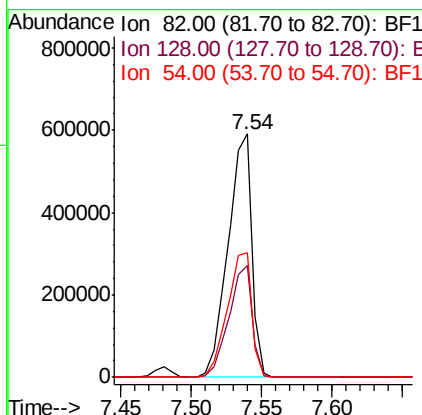
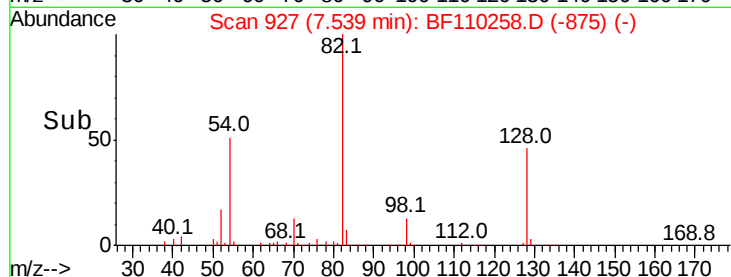
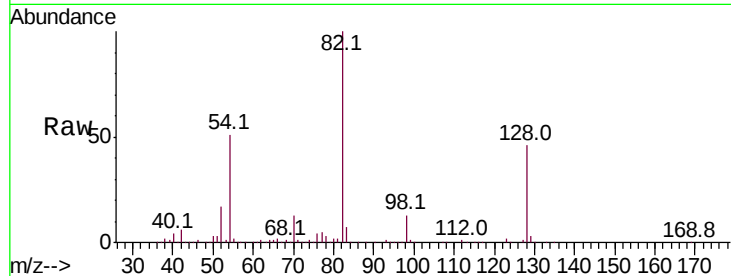
#23
Nitrobenzene-d5
Concen: 108.925 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.2	51.2
54	51.0	38.6	58.0

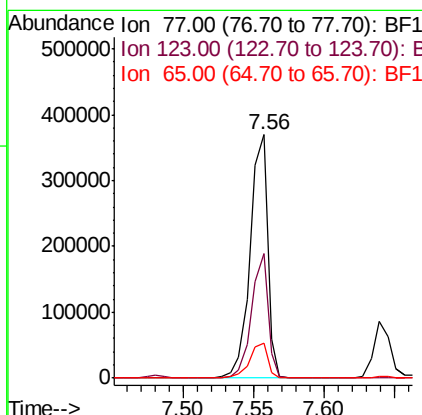
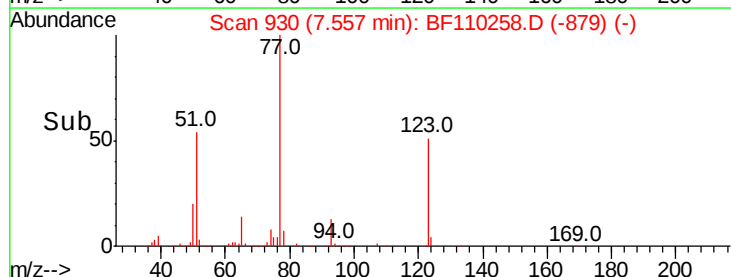
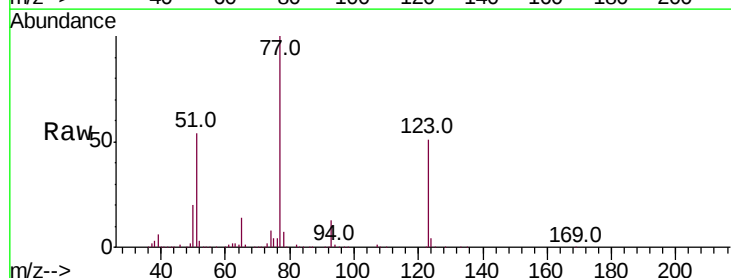
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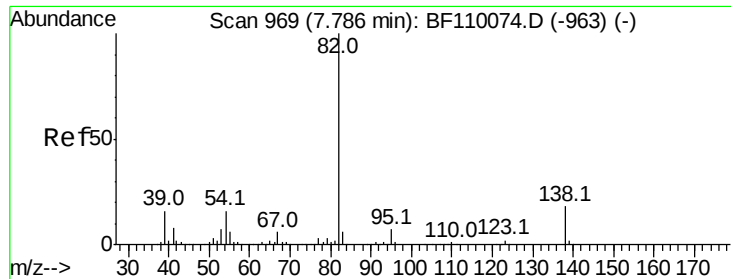
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#24
Nitrobenzene
Concen: 49.462 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.2	35.7	53.5
65	14.3	10.7	16.1





#25

Isophorone

Concen: 54.602 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

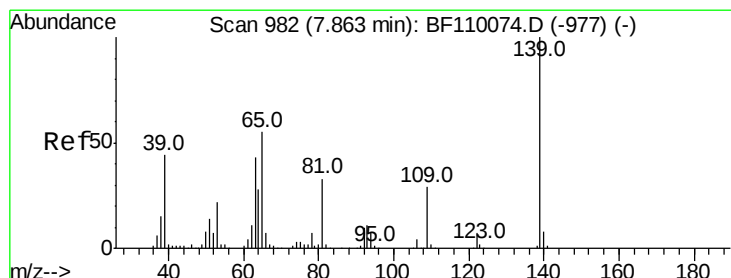
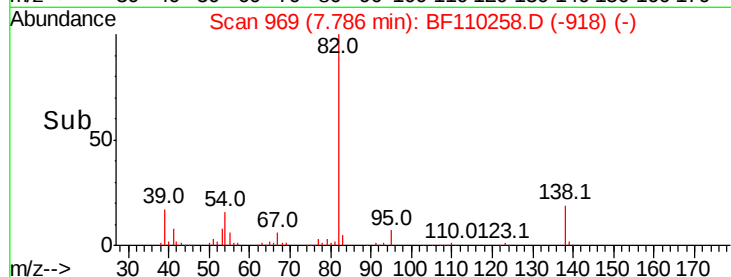
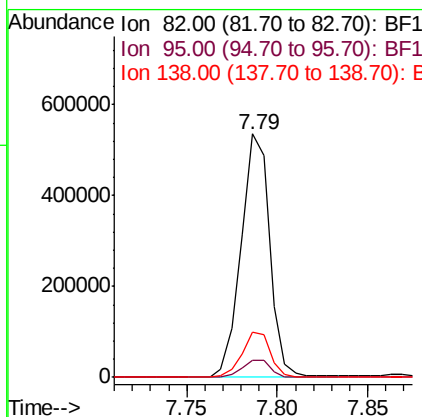
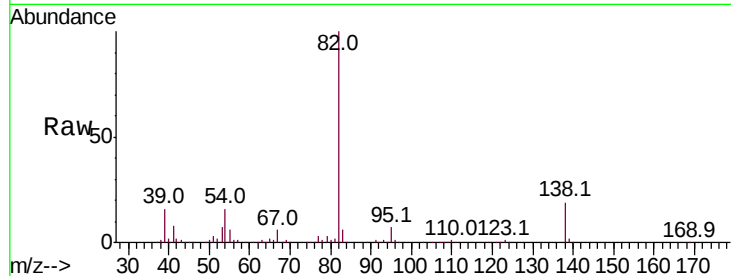
ClientSampleId :

PA-SED-01MSD

Tot Ion:	82	Resp:	590738
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.7	8.5
138	18.7	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.838 ng

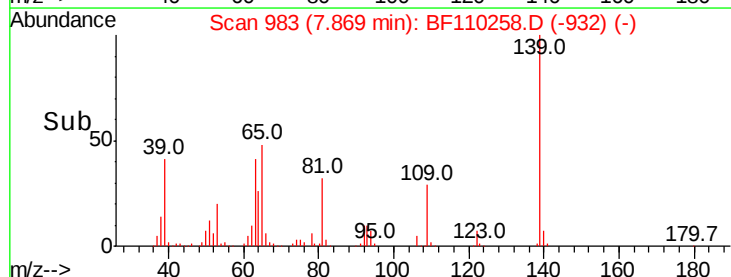
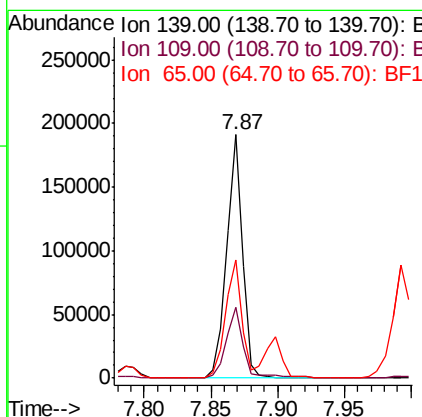
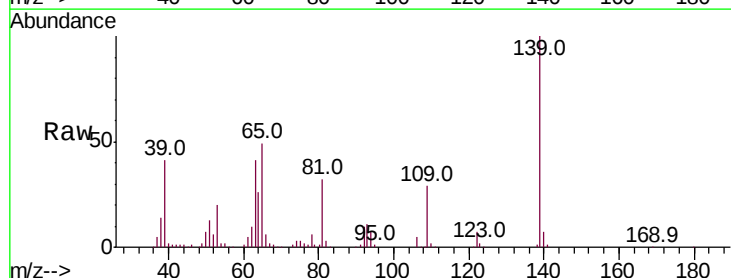
RT: 7.87 min Scan# 983

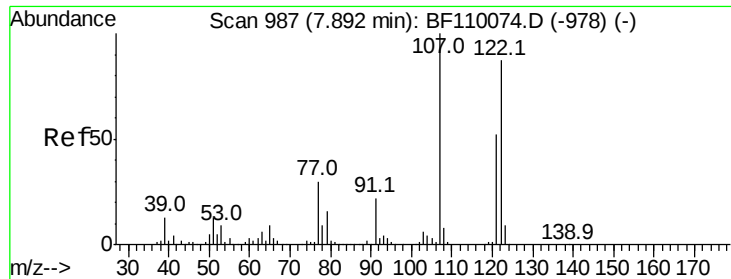
Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion:	139	Resp:	161642
Ion Ratio	Lower	Upper	
139	100		
109	29.1	25.0	37.6
65	48.7	44.0	66.0





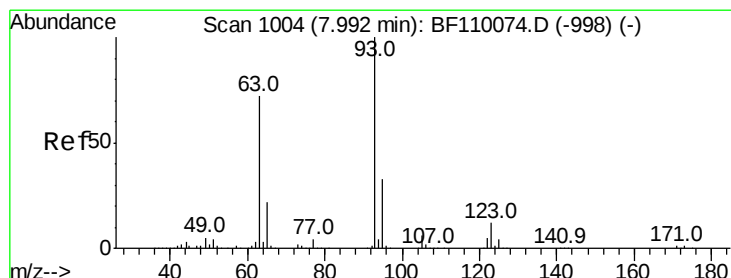
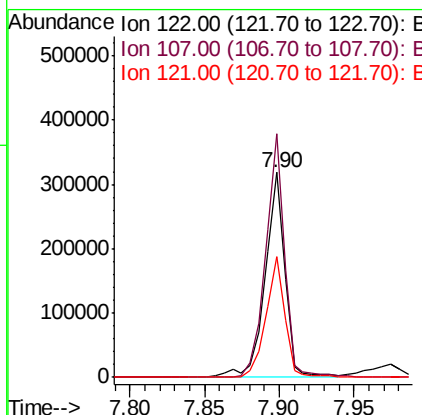
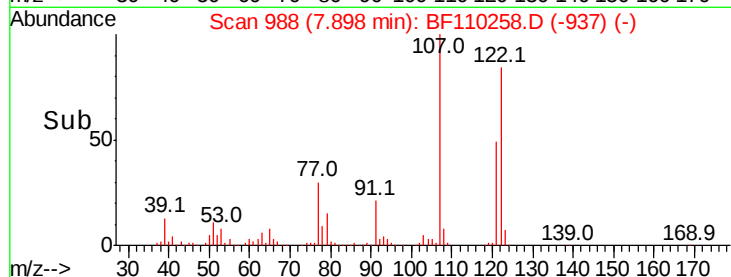
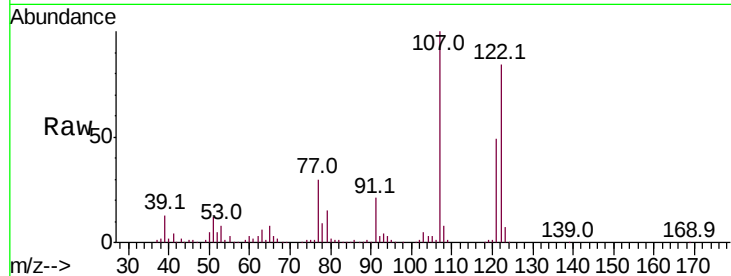
#27
2,4-Dimethylphenol
Concen: 56.223 ng
RT: 7.90 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.7	92.5	138.7
121	58.7	45.8	68.8

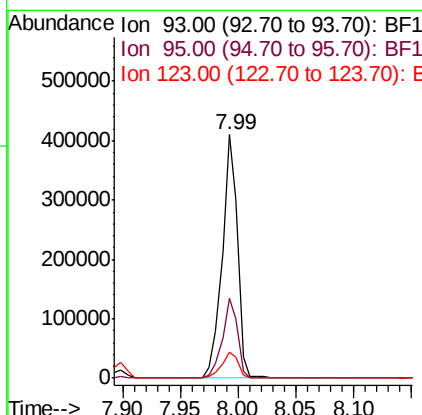
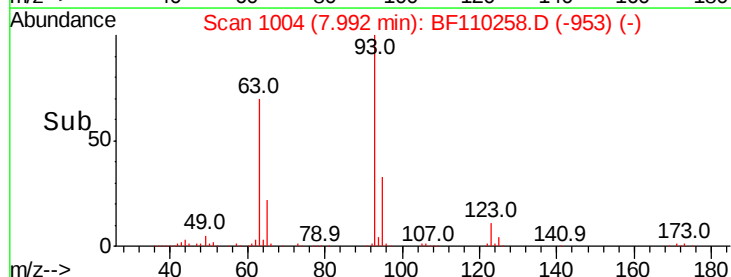
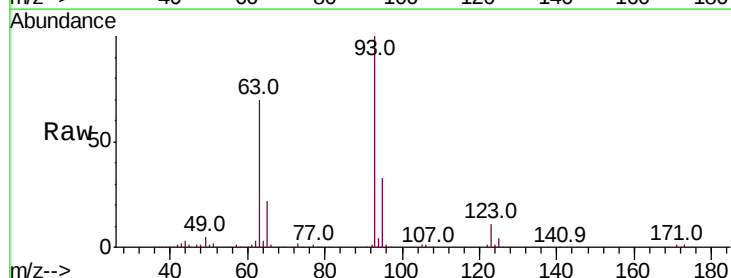
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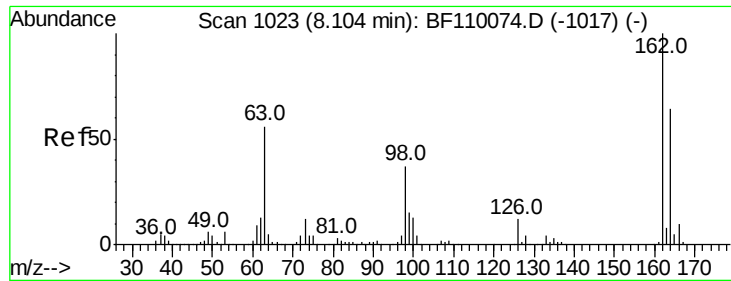
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 51.410 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	10.8	9.0	13.6





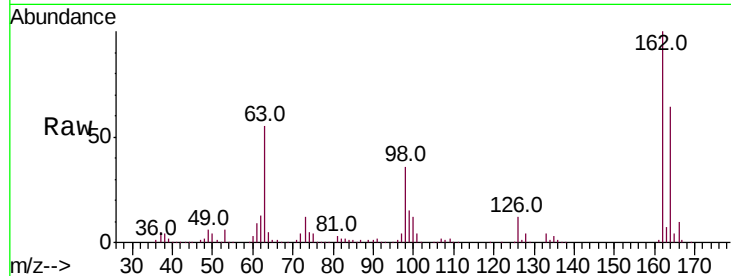
#29
2,4-Dichlorophenol
Concen: 50.237 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

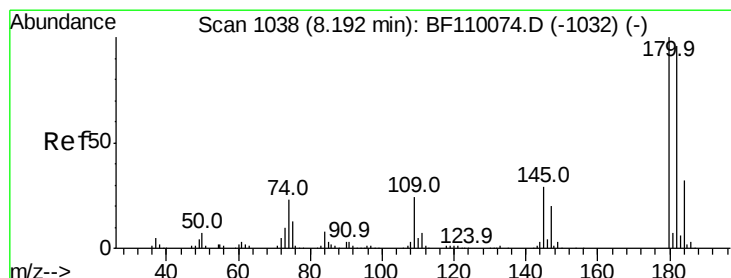
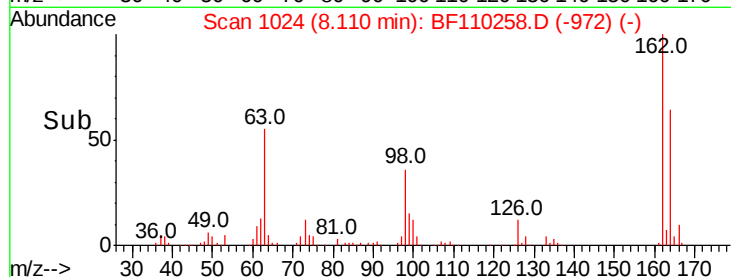
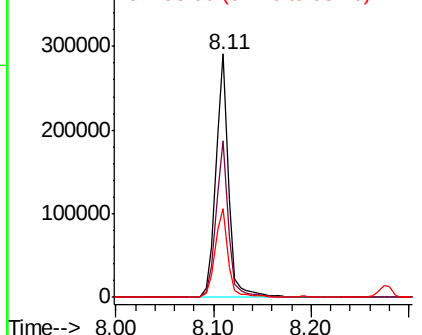
Tot Ion	Ratio	Resp	Lower	Upper
162	100	262387		
164	64.3	44.6	84.6	
98	36.5	17.4	57.4	

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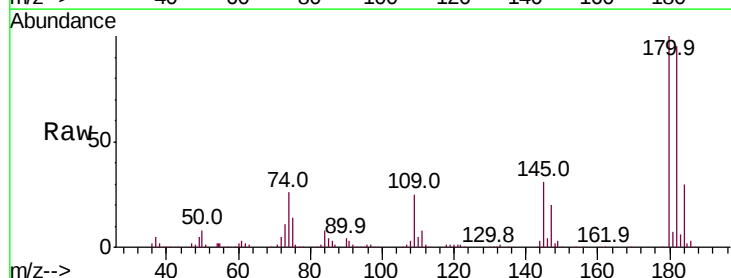


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

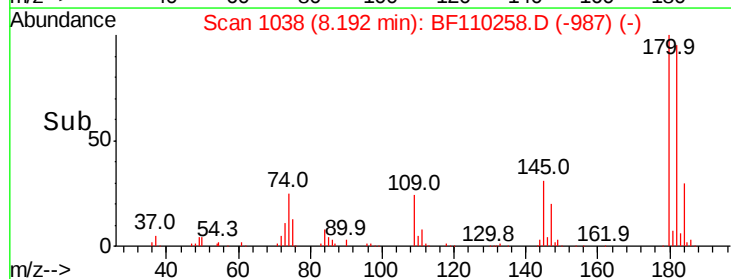
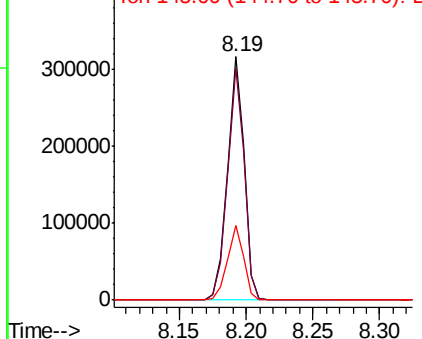


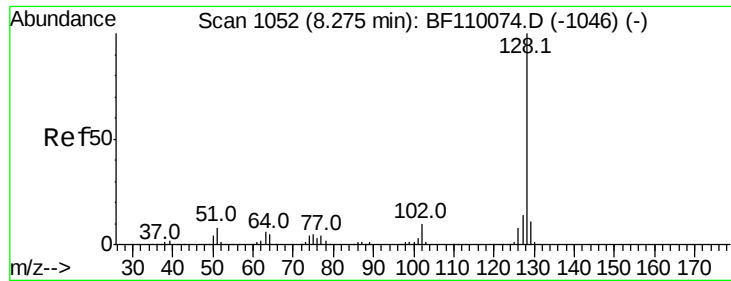
#30
1,2,4-Trichlorobenzene
Concen: 48.329 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	282744		
182	95.4	80.3	120.5	
145	30.5	25.4	38.0	



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





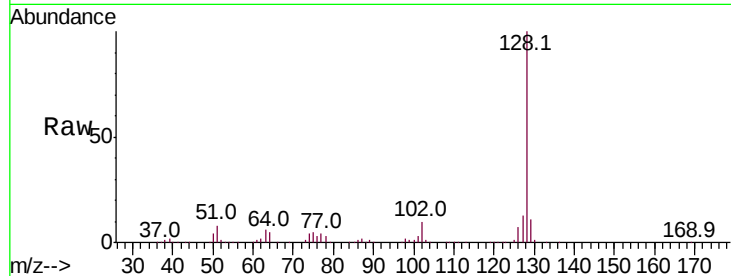
#31
Naphthalene
Concen: 52.562 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.4	10.8	16.2

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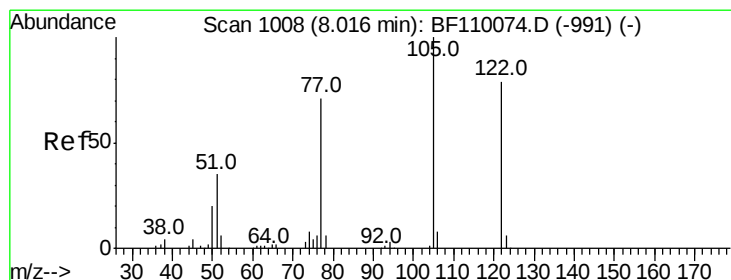
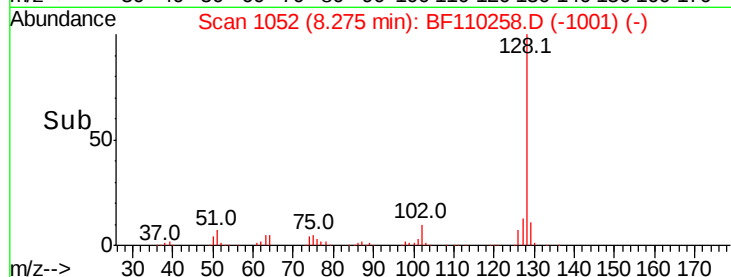
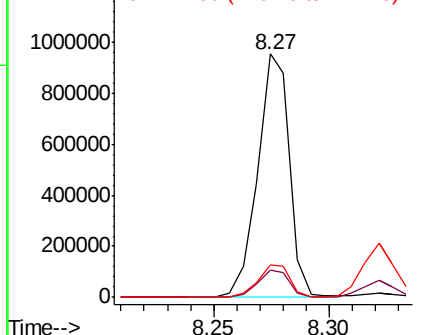


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 7.686 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.04 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

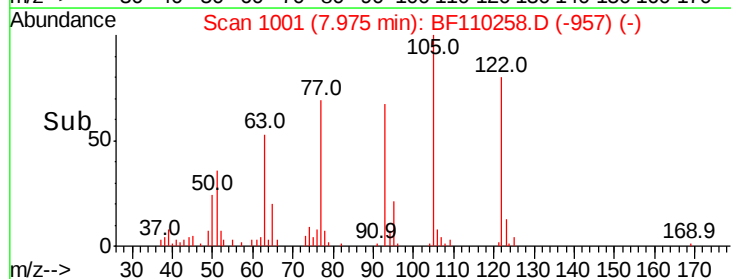
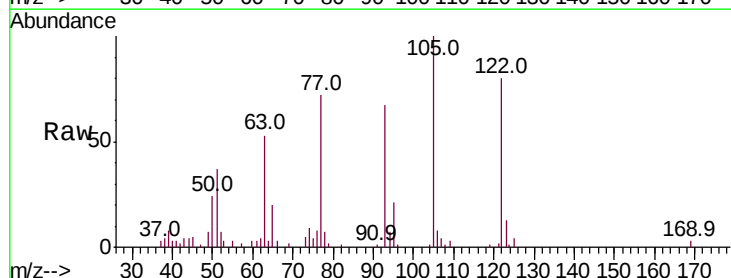
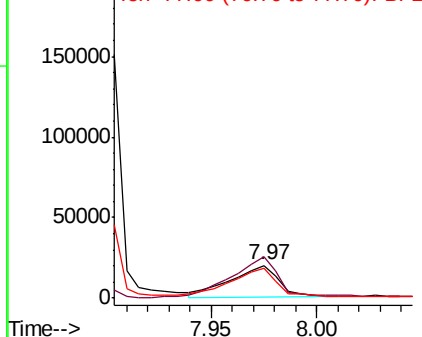
Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	109.0	149.0
77	90.0	79.0	119.0

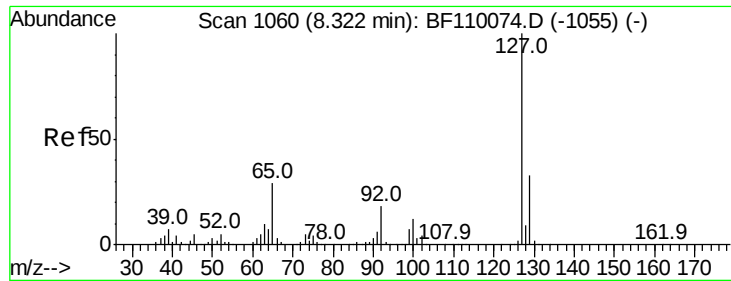
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





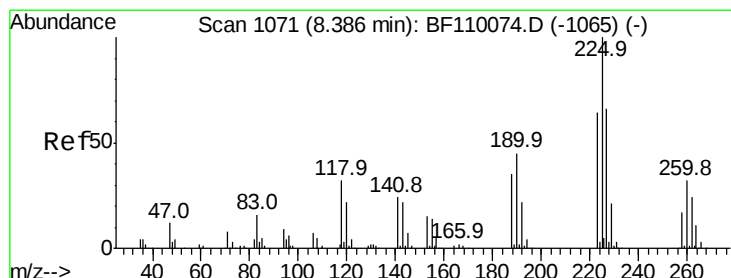
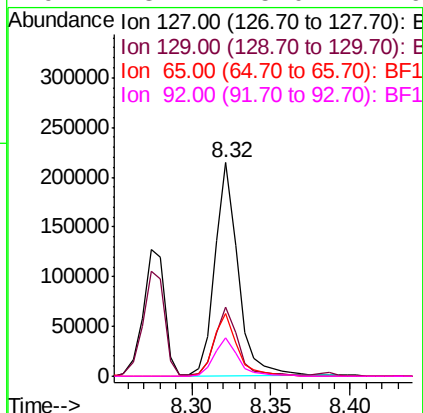
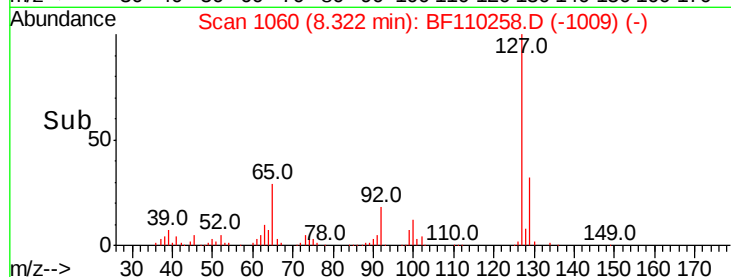
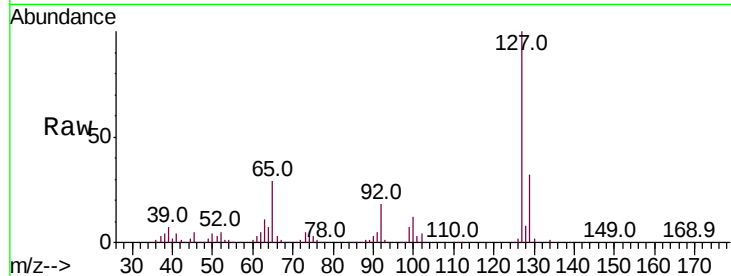
#33
4-Chloroaniline
Concen: 27.911 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.0	39.0	
65	29.2	25.1	37.7	
92	18.1	15.0	22.6	

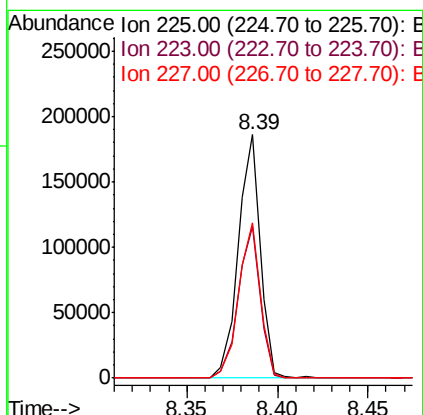
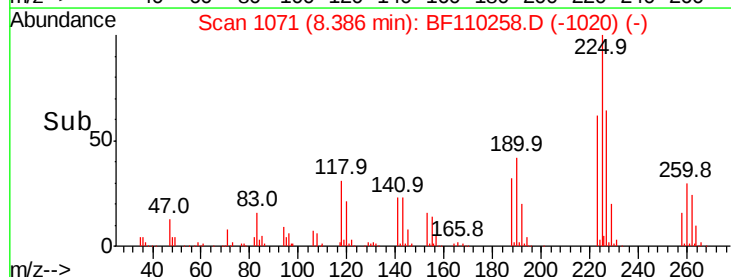
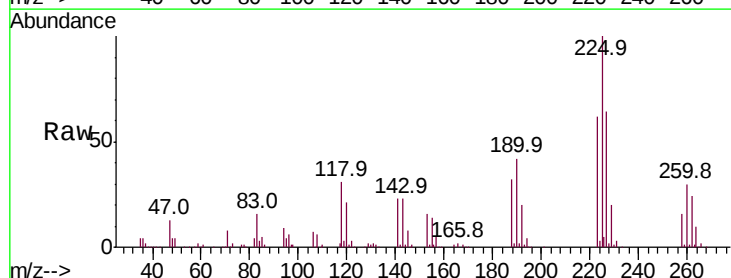
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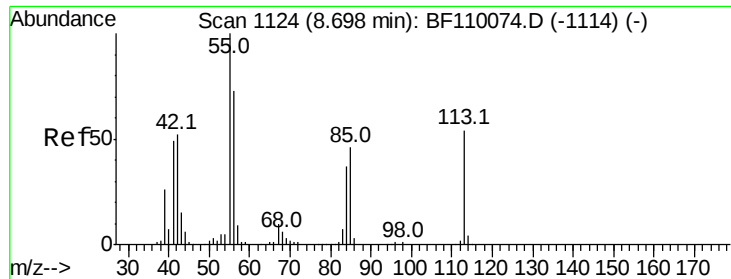
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#34
Hexachlorobutadiene
Concen: 48.106 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	51.4	77.2	
227	63.8	51.0	76.6	





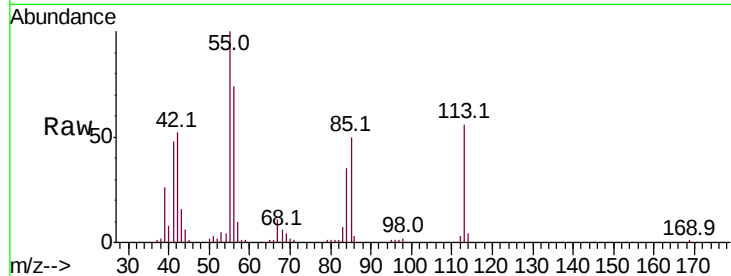
#35
 Caprolactam
 Concen: 44.176 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampleID :
 PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.6	142.8	182.8
56	131.7	105.0	145.0

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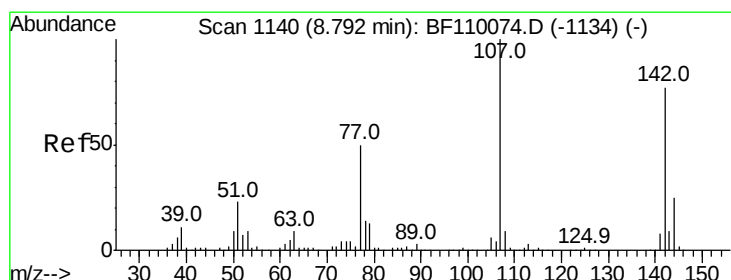
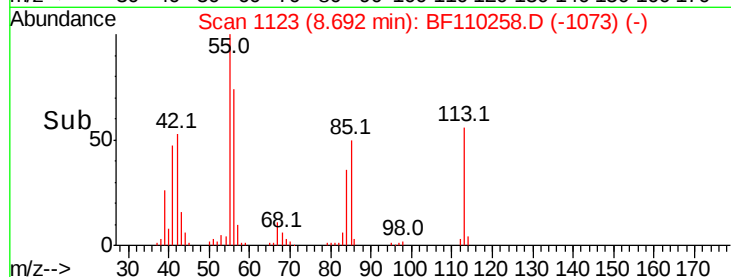
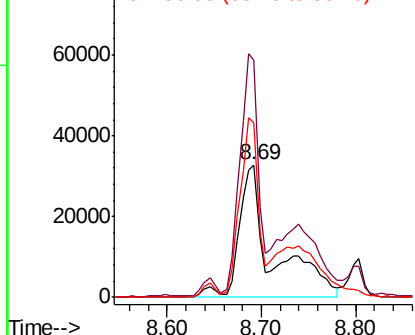


Abundance

Ion 113.00 (112.70 to 113.70): E

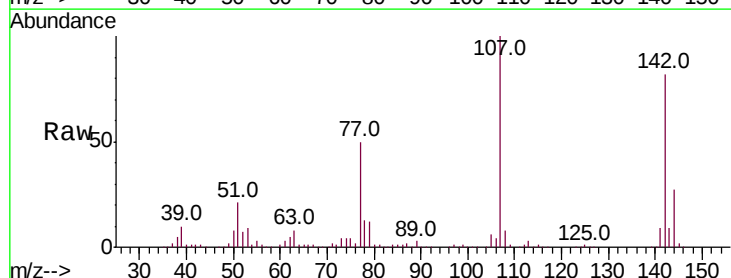
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 49.064 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.0	30.0
142	81.9	59.7	89.5

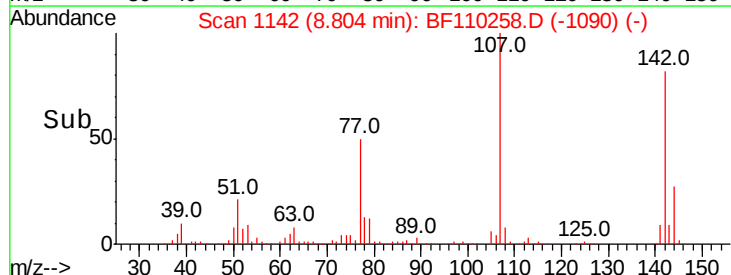
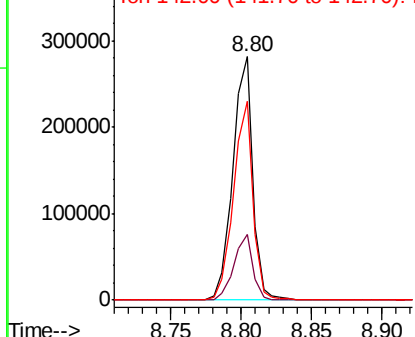


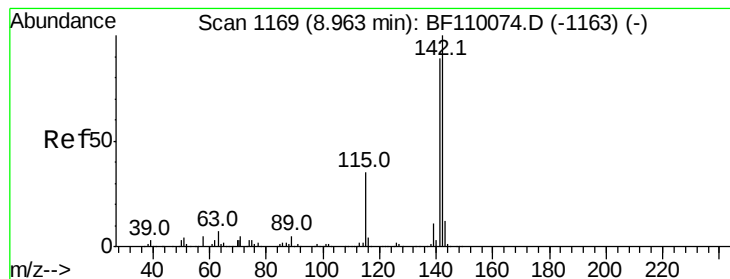
Abundance

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





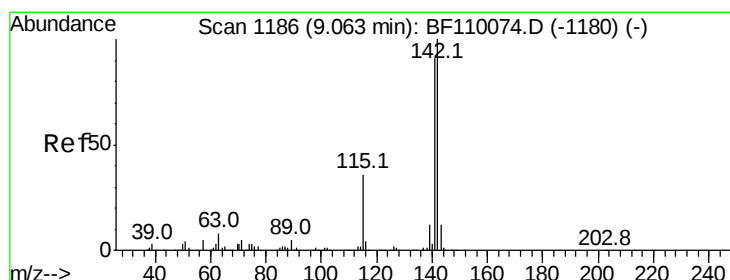
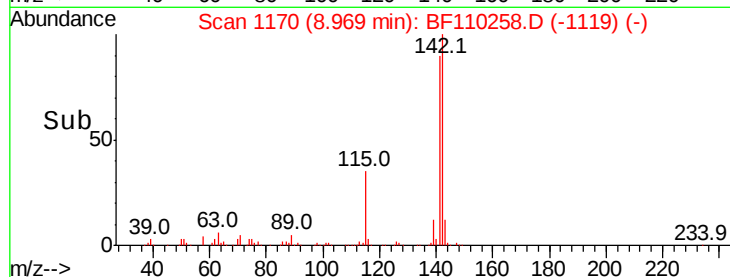
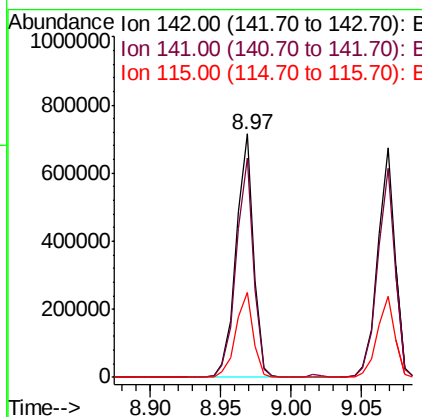
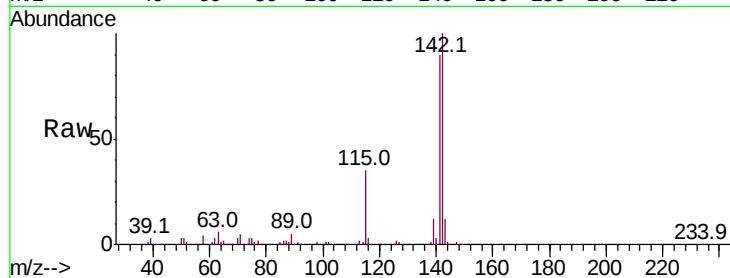
#37
2-Methylnaphthalene
Concen: 53.489 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	614025		
141	90.2		71.4	107.2
115	34.8		28.7	43.1

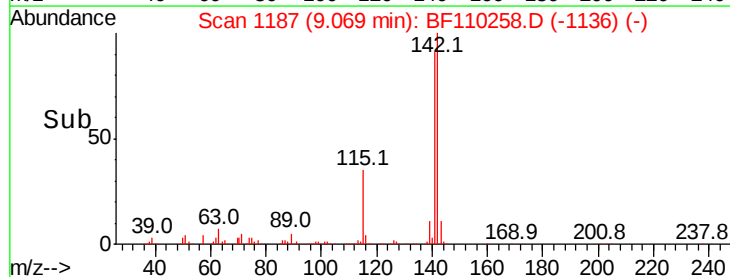
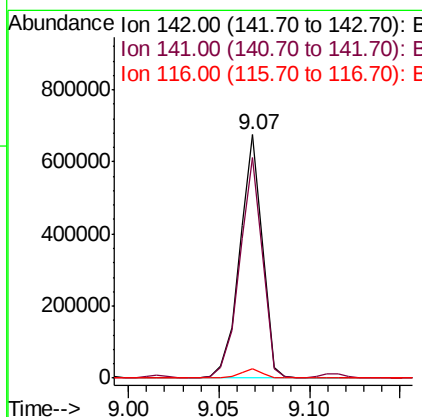
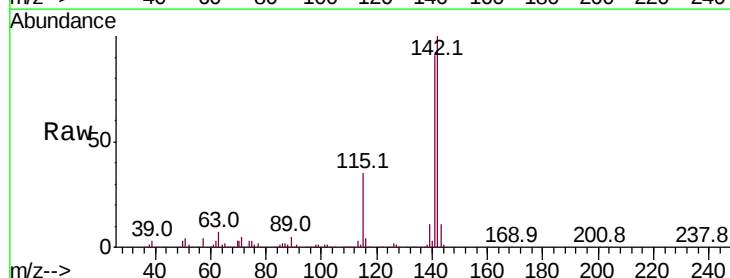
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#38
1-Methylnaphthalene
Concen: 52.105 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	578019		
141	90.8		74.2	111.4
116	3.9		2.6	4.0





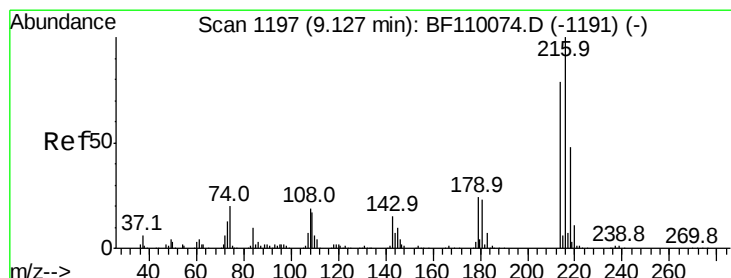
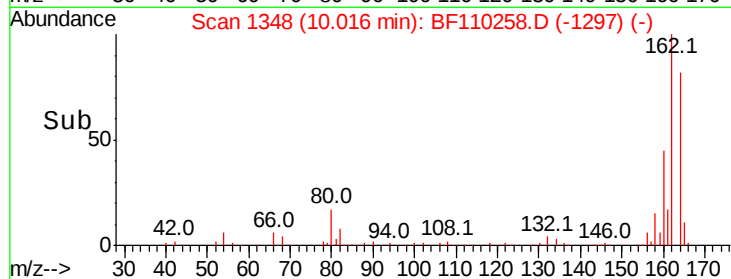
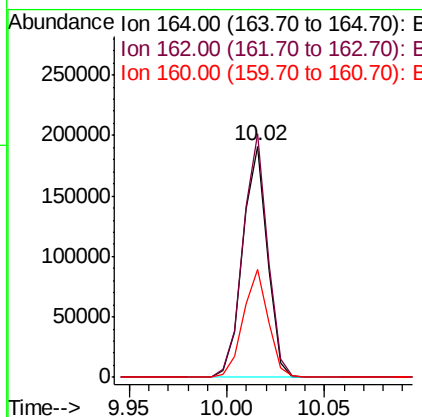
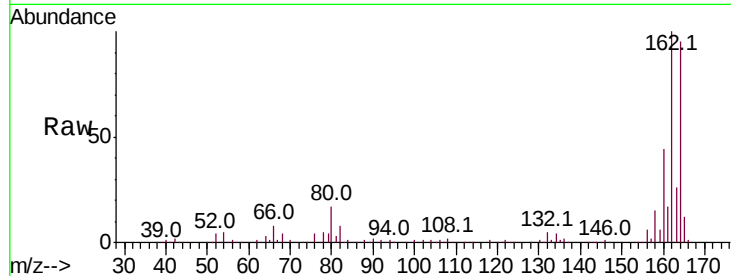
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.6
160	46.5	37.0	55.6

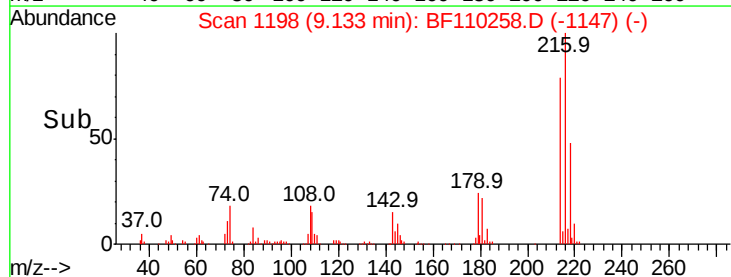
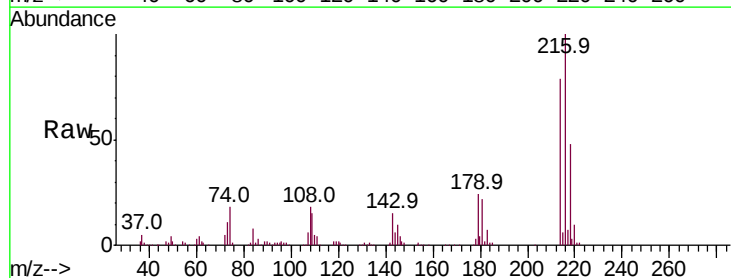
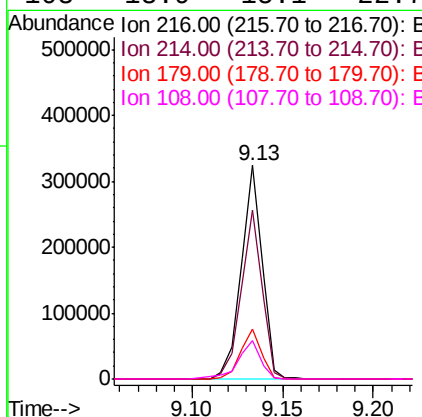
Manual Integrations
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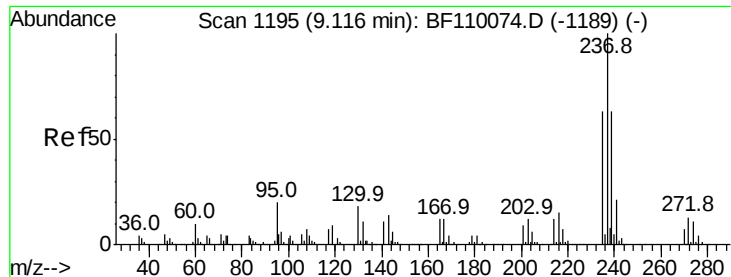
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.964 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.8	95.6
179	23.1	16.6	25.0
108	18.9	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 32.344 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

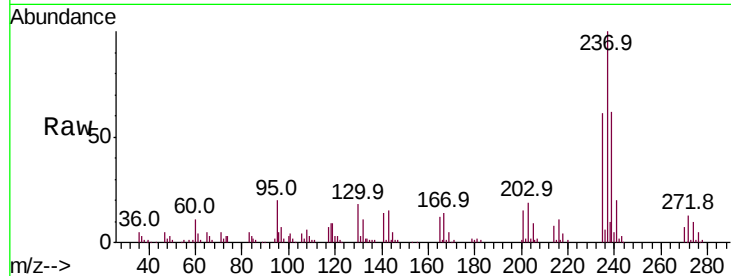
ClientSampleId :

PA-SED-01MSD

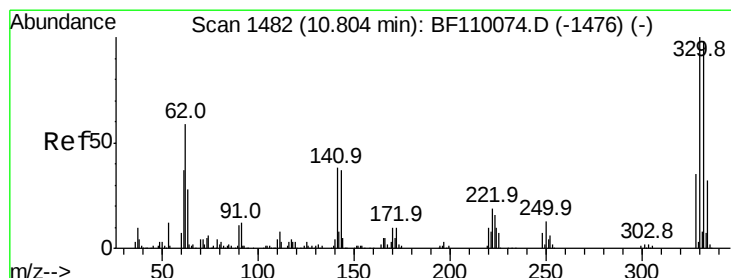
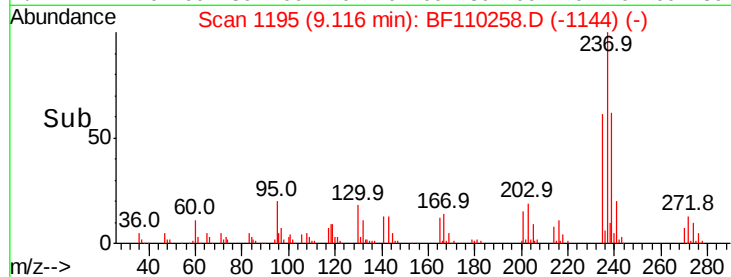
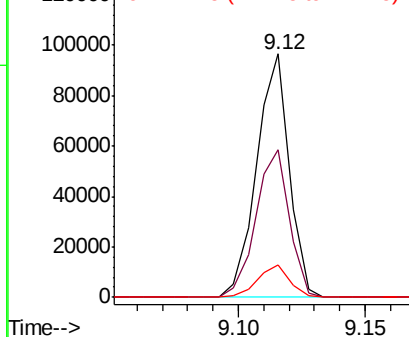
Tot Ion:	237	Resp:	86109
Ion Ratio	Lower	Upper	
237	100		
235	60.6	43.1	83.1
272	13.4	0.0	32.6

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 138.677 ng

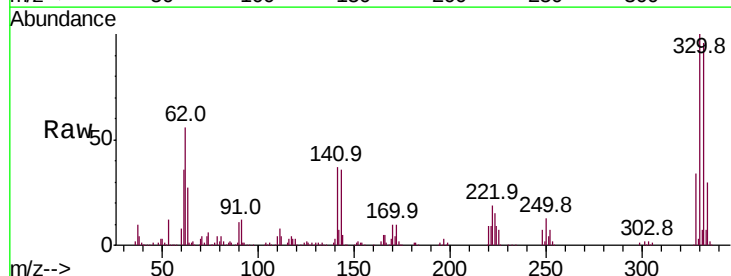
RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

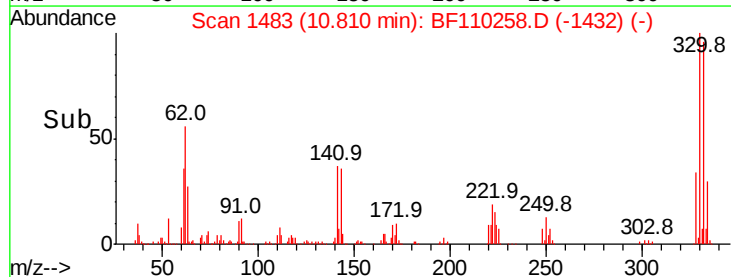
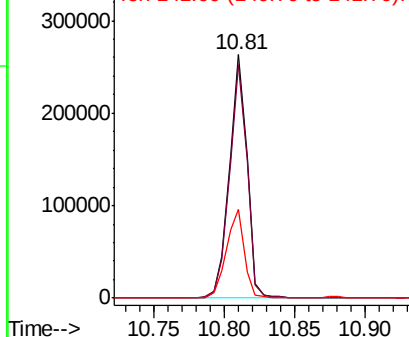
Lab File: BF110258.D

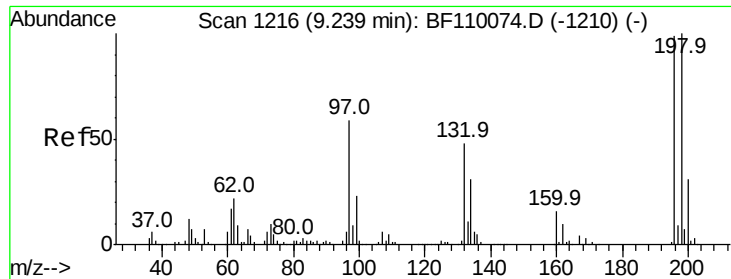
Acq: 29 Oct 2018 13:19

Tgt Ion:	330	Resp:	229544
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.1	115.7
141	37.2	27.0	40.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





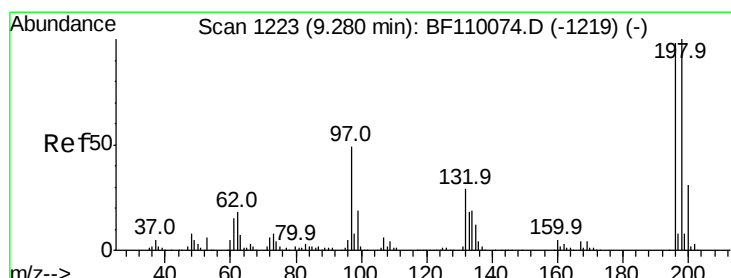
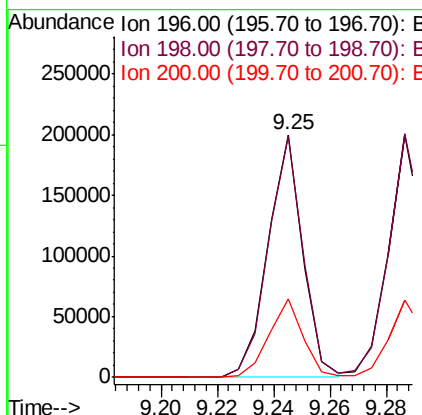
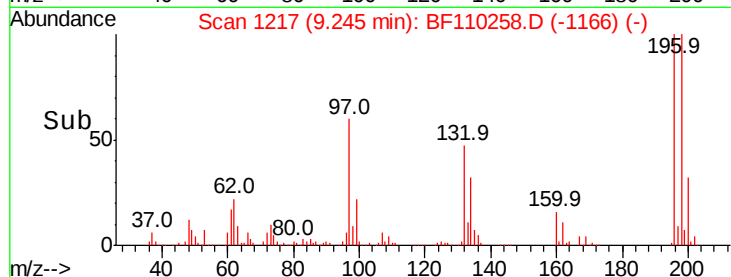
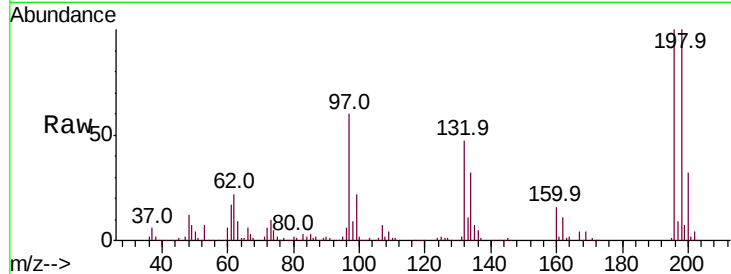
#43
 2,4,6-Trichlorophenol
 Concen: 50.435 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MSD

Tot Ion:	196	Resp:	169369
Ion Ratio	Lower	Upper	
196	100		
198	99.7	76.2	114.4
200	32.4	24.4	36.6

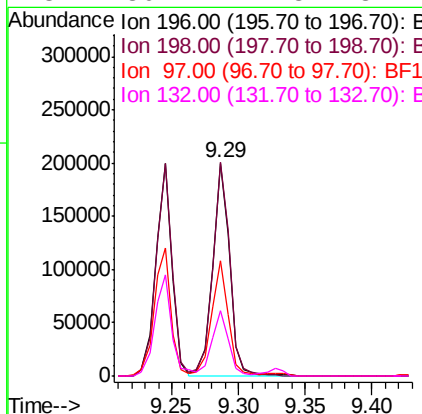
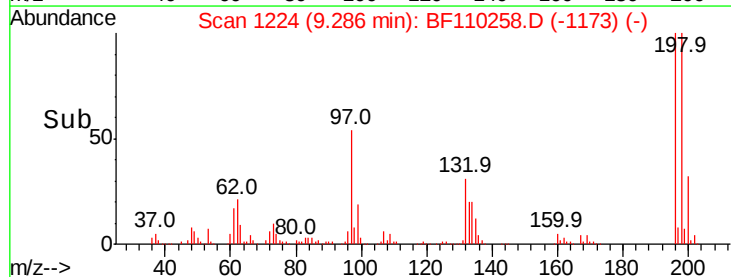
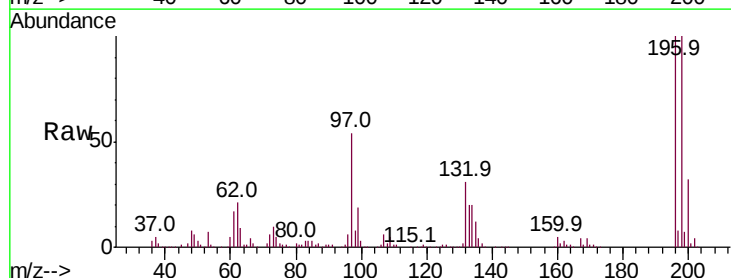
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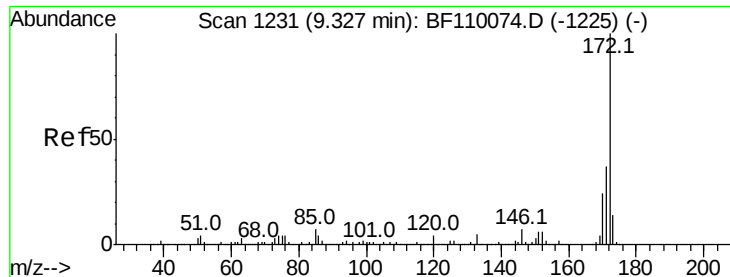
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 50.724 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion:	196	Resp:	180055
Ion Ratio	Lower	Upper	
196	100		
198	100.5	75.8	113.6
97	54.5	42.4	63.6
132	30.7	22.8	34.2





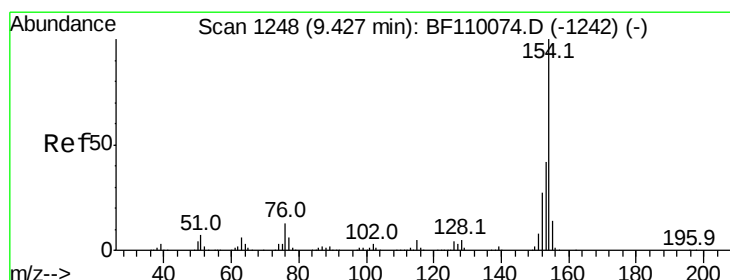
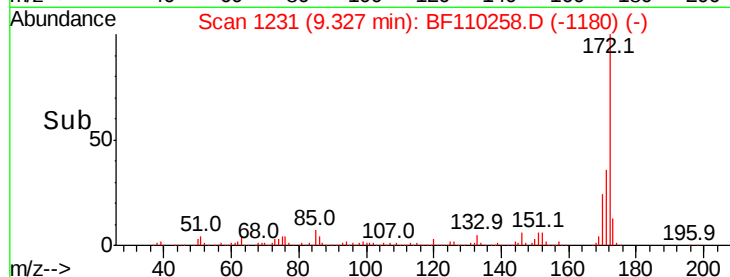
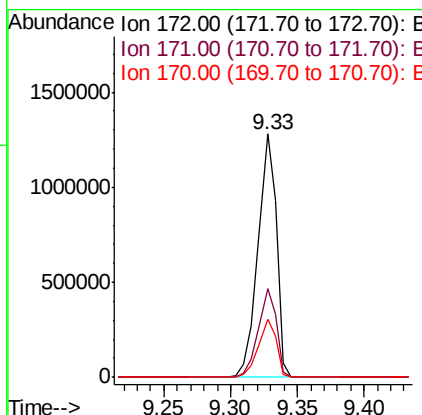
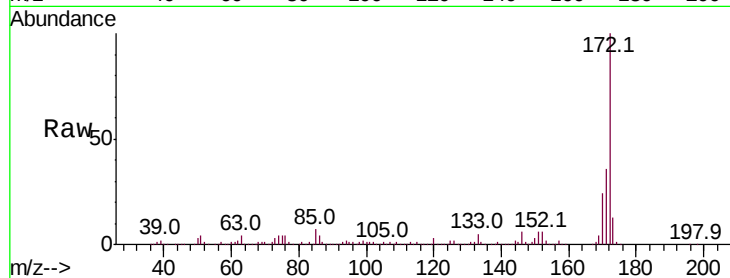
#45
2-Fluorobiphenyl
Concen: 112.505 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.0	19.7	29.5

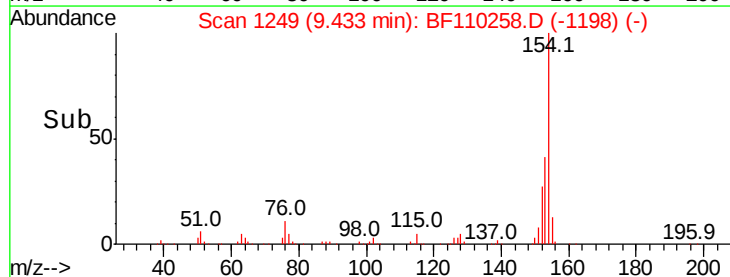
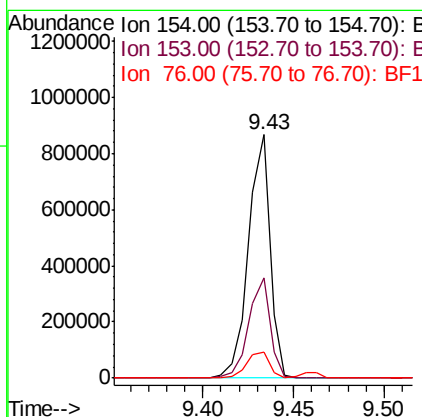
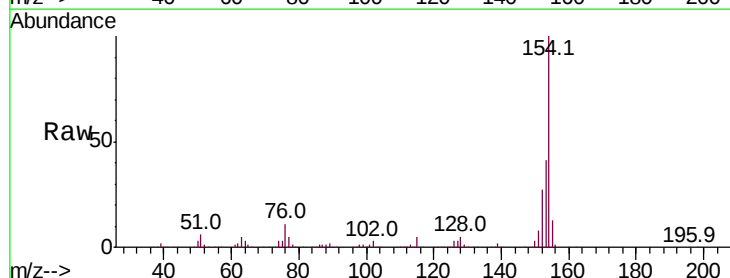
Manual Integrations
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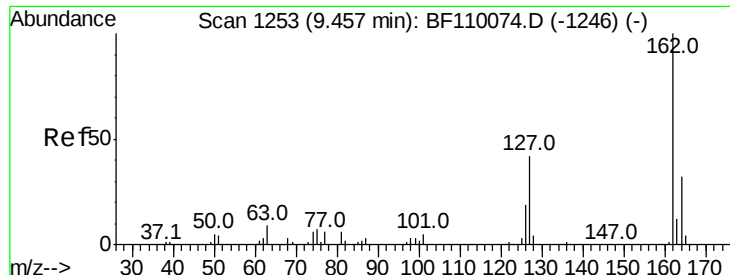
Sohil
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#46
1,1'-Biphenyl
Concen: 47.701 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.4	60.4
76	10.8	0.0	31.9





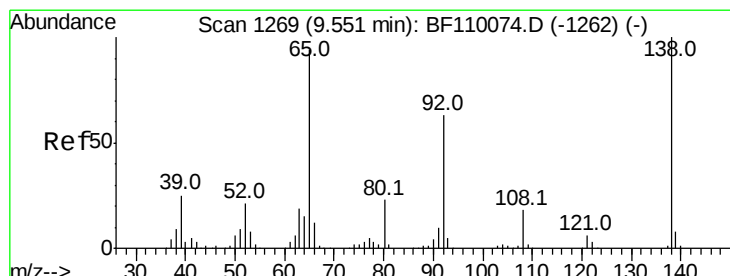
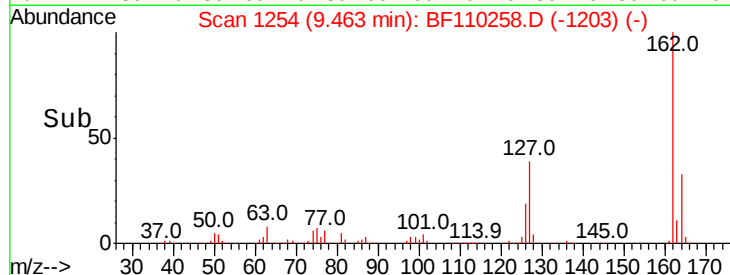
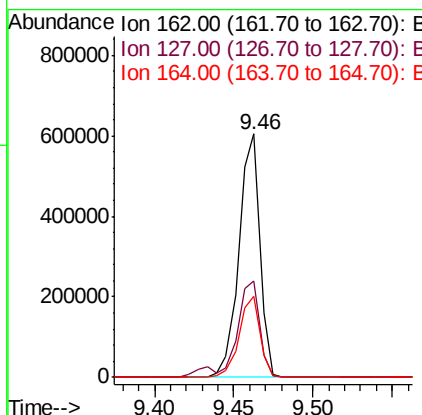
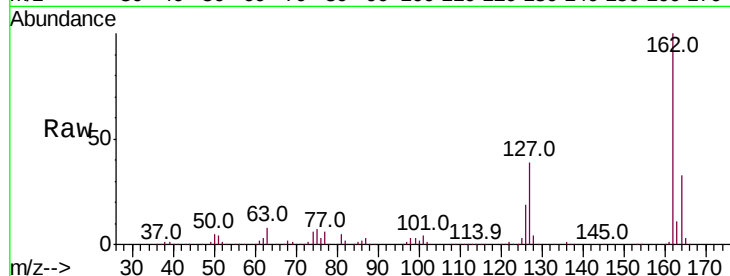
#47
 2-Chloronaphthalene
 Concen: 49.826 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MSD

Tot Ion:	162	Resp:	552290
Ion Ratio	Lower	Upper	
162	100		
127	39.5	32.6	48.8
164	33.2	25.9	38.9

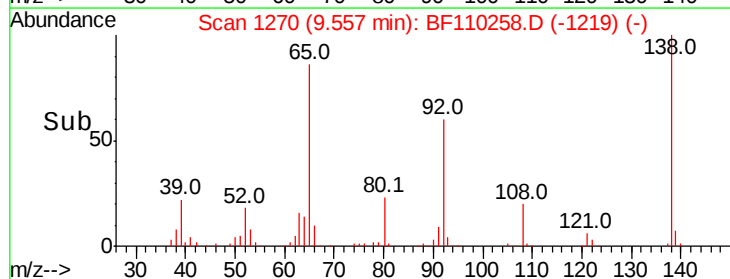
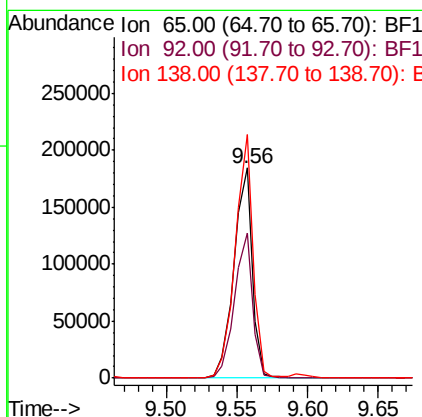
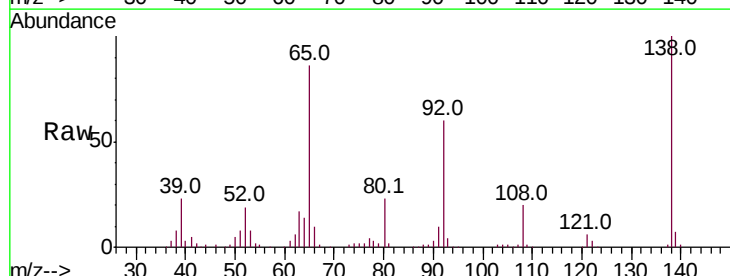
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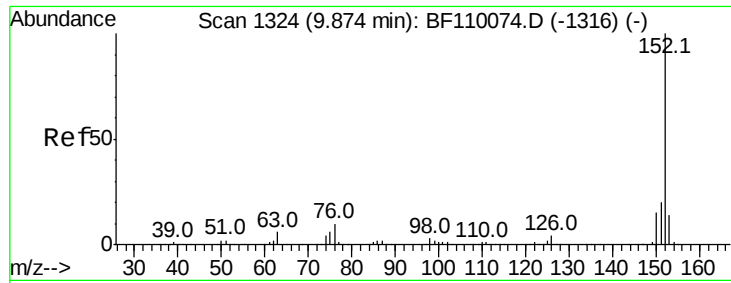
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#48
 2-Nitroaniline
 Concen: 50.082 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion:	65	Resp:	168219
Ion Ratio	Lower	Upper	
65	100		
92	69.0	54.6	81.8
138	115.8	80.3	120.5





#49

Acenaphthylene

Concen: 52.565 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

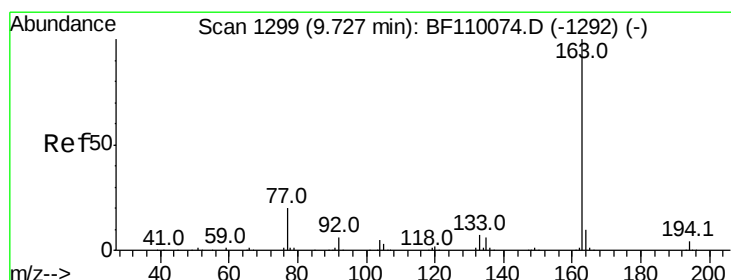
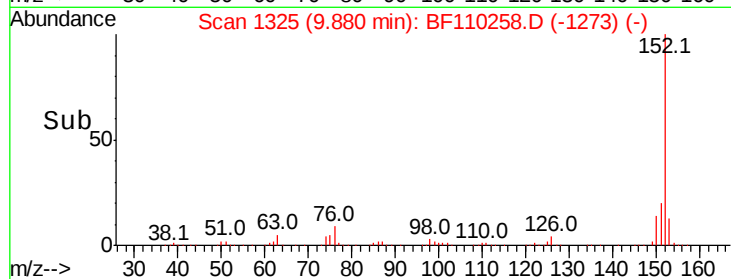
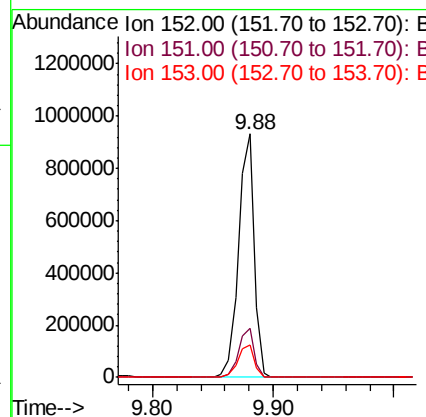
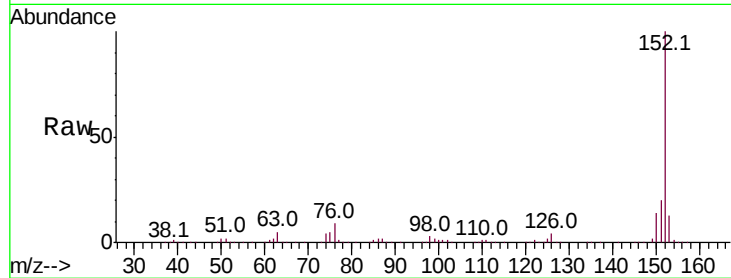
ClientSampleId :

PA-SED-01MSD

Tot Ion:	152	Resp:	841541
Ion Ratio	Lower	Upper	
152	100		
151	20.1	15.8	23.8
153	13.4	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 67.321 ng

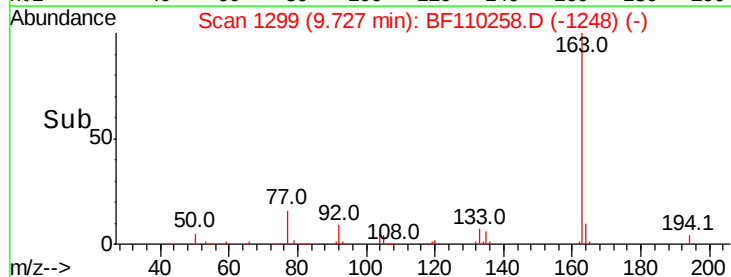
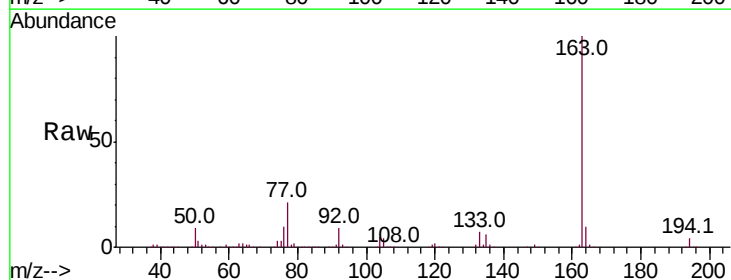
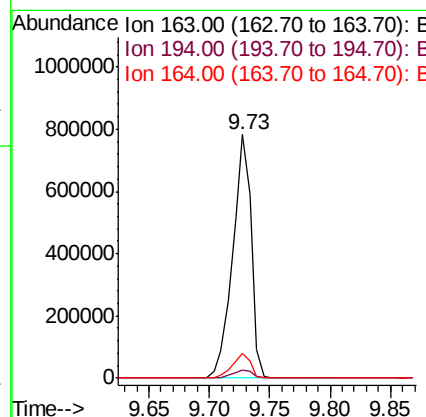
RT: 9.73 min Scan# 1299

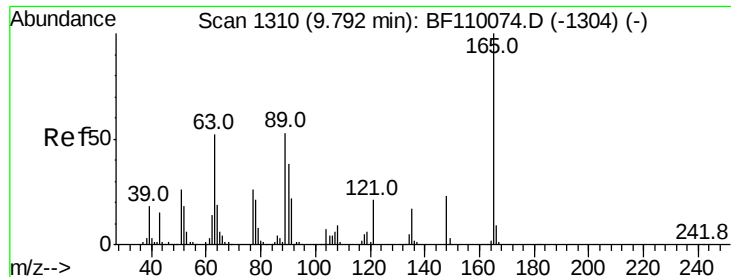
Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion:	163	Resp:	830407
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.2	4.8
164	10.1	8.1	12.1





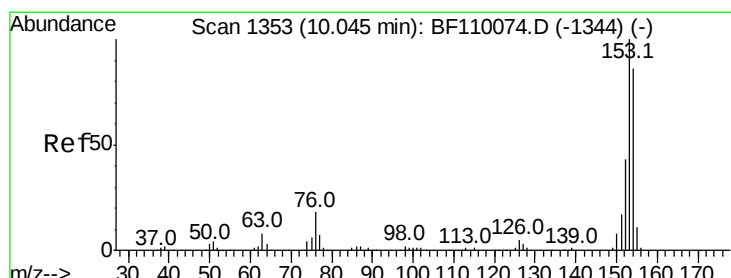
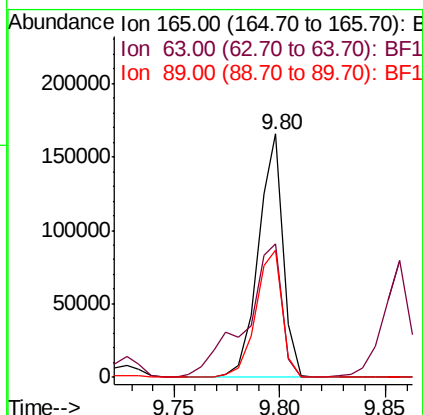
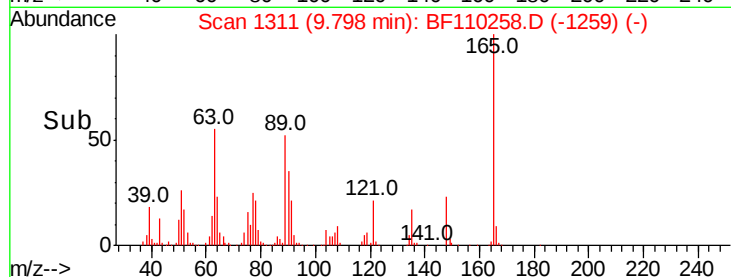
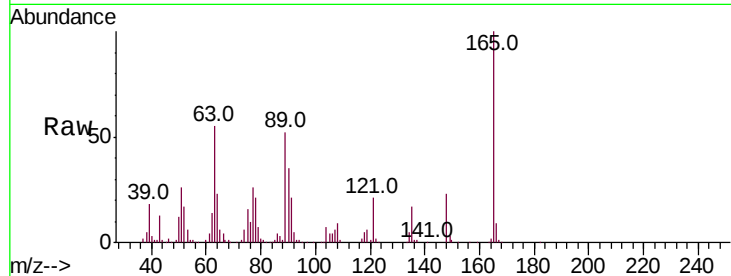
#51
2,6-Dinitrotoluene
Concen: 50.549 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	134310		
63	54.6	48.9	73.3	
89	52.2	46.6	69.8	

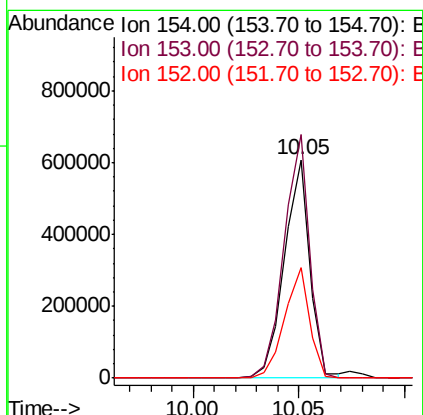
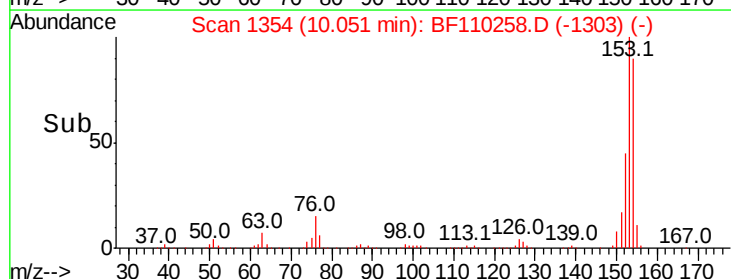
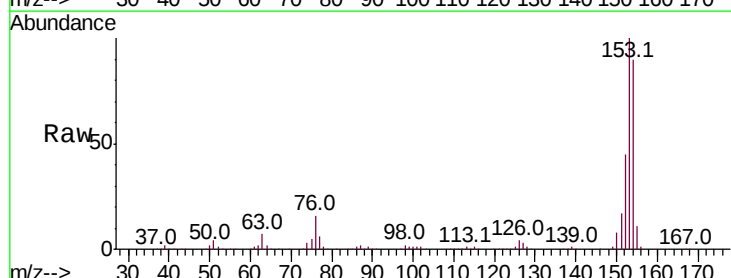
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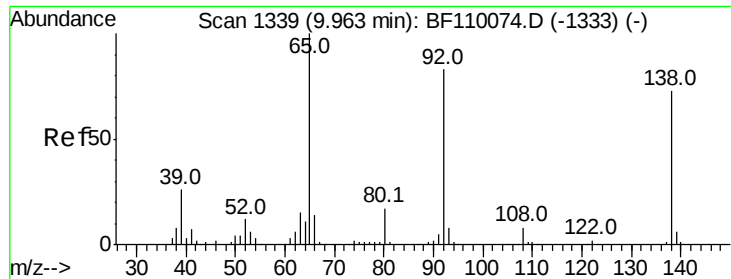
Sohil
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#52
Acenaphthene
Concen: 48.407 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	512679		
153	111.5	90.1	135.1	
152	50.6	43.4	65.2	





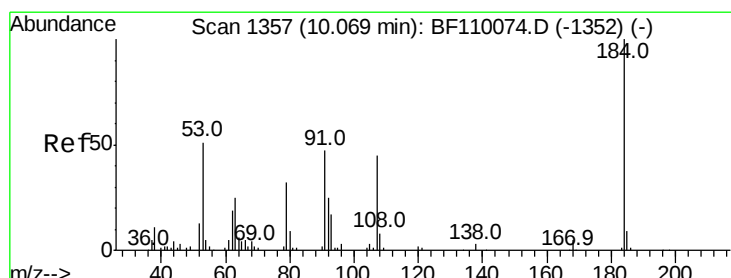
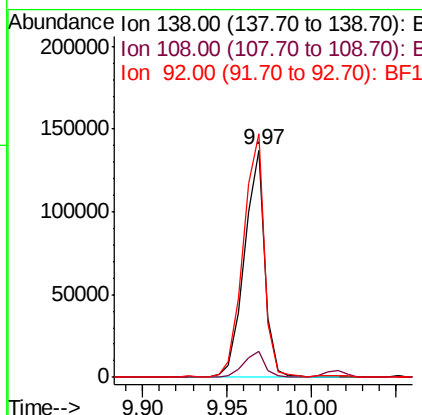
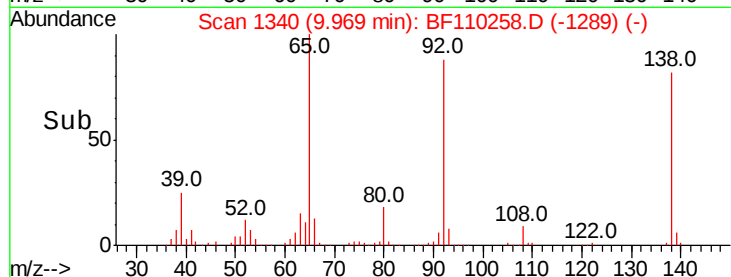
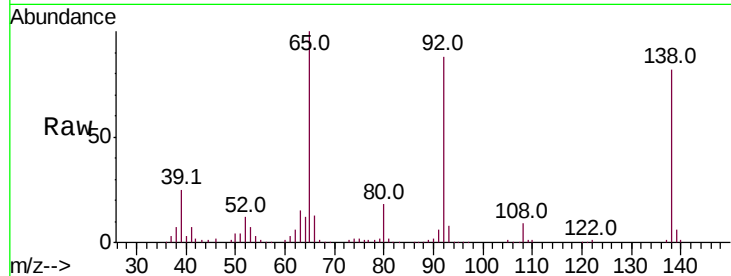
#53
 3-Nitroaniline
 Concen: 36.708 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.7	13.1
92	107.1	97.0	145.4

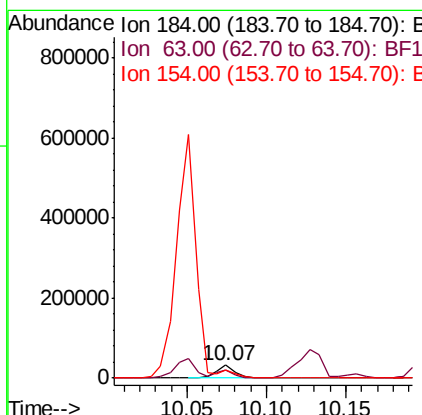
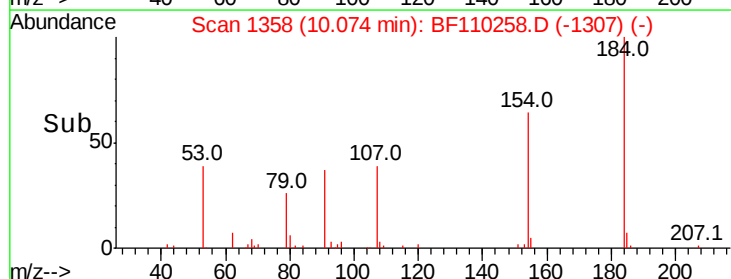
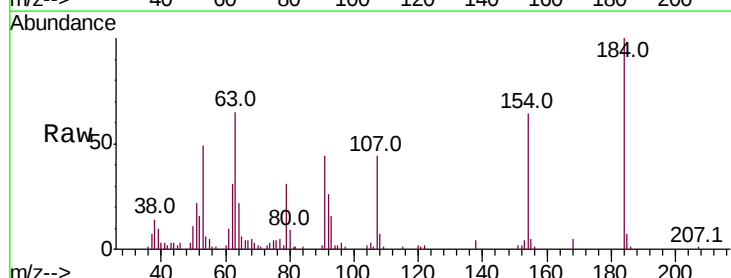
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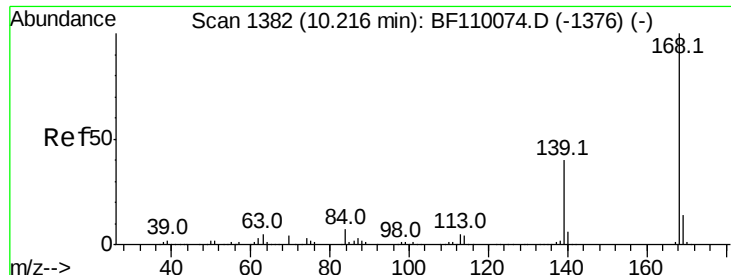
Sohil
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#54
 2,4-Dinitrophenol
 Concen: 28.832 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.9	55.8	83.6
154	64.1	63.2	94.8





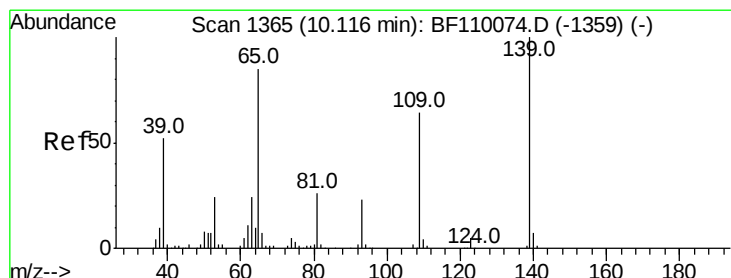
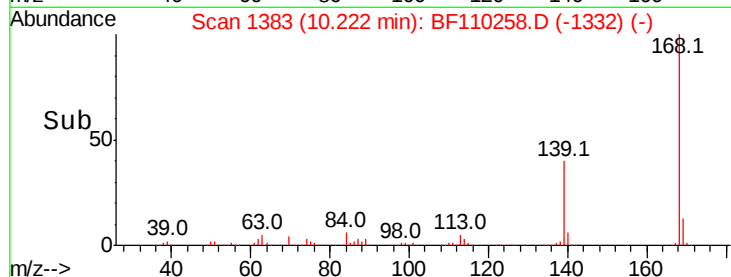
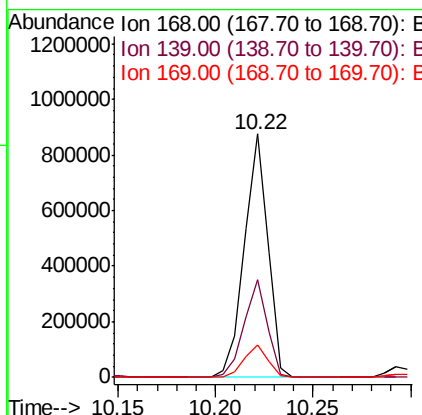
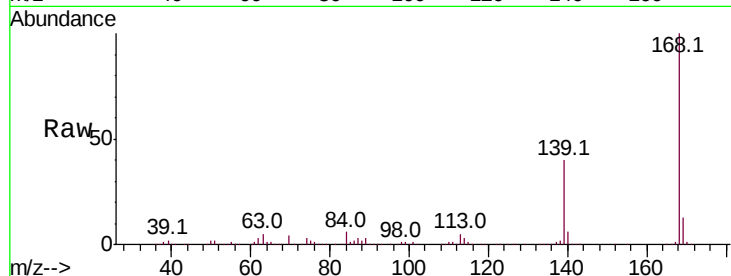
#55
Dibenzofuran
Concen: 49.438 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	33.0	49.6
169	13.5	11.3	16.9

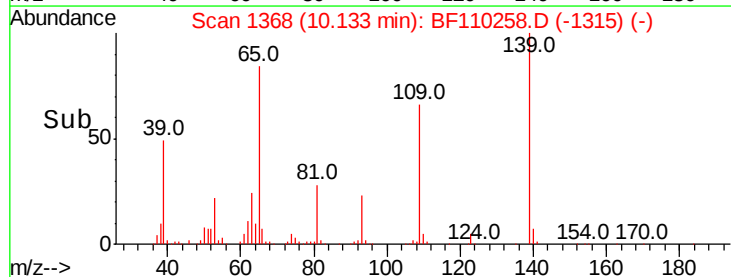
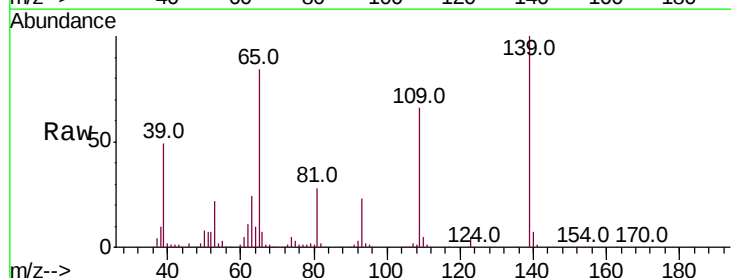
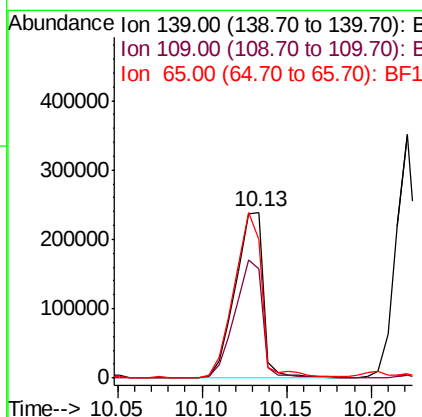
Manual Integrations
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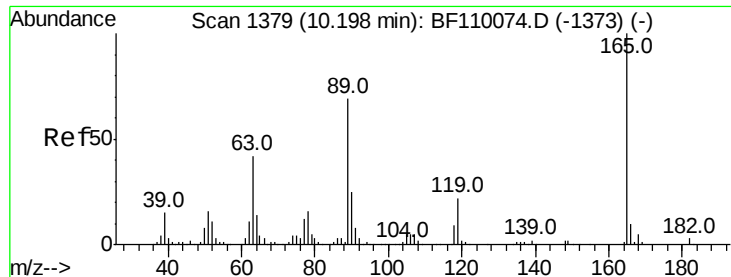
Sohil
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#56
4-Nitrophenol
Concen: 118.104 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.2	55.8	95.8
65	84.0	77.9	117.9





#57

2,4-Dinitrotoluene

Concen: 51.224 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

ClientSampleId :

PA-SED-01MSD

Tot Ion:165 Resp: 172875

Ion Ratio Lower Upper

165 100

63 42.1 44.8 67.2#

89 68.5 62.2 93.4

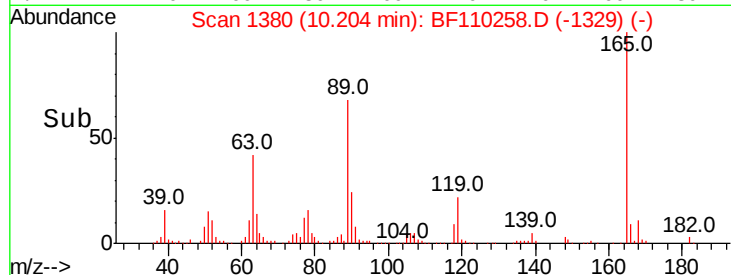
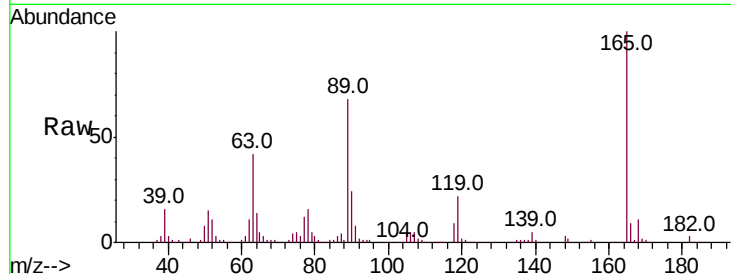
182 2.8 2.1 3.1

Manual Integrations

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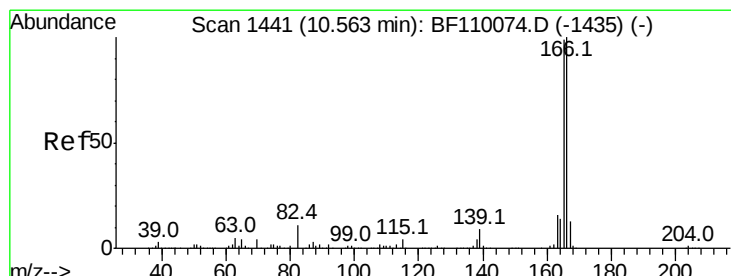
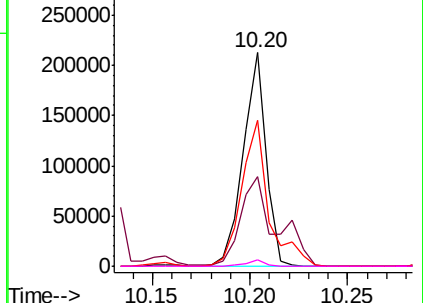


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 52.203 ng

RT: 10.57 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

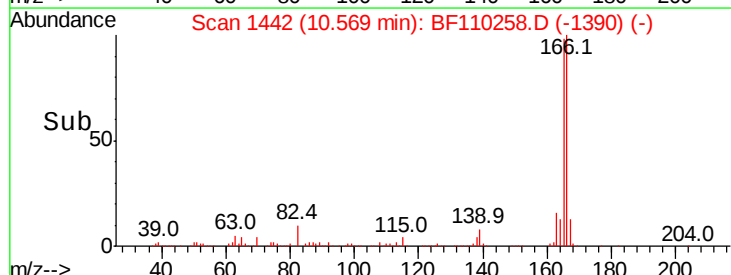
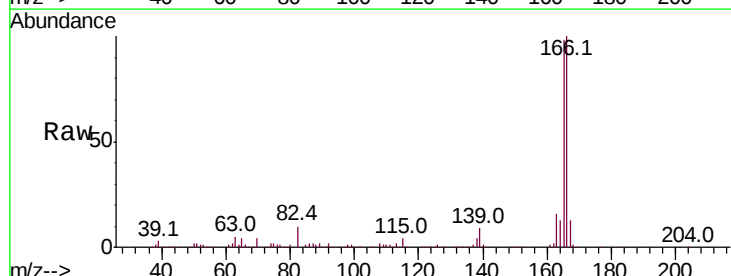
Tgt Ion:166 Resp: 576119

Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

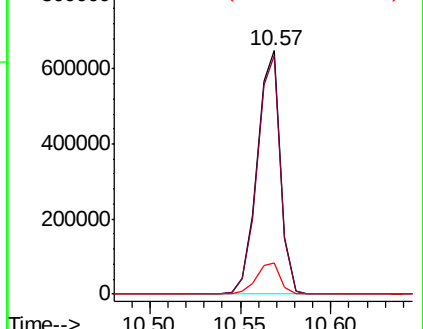
167 13.0 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





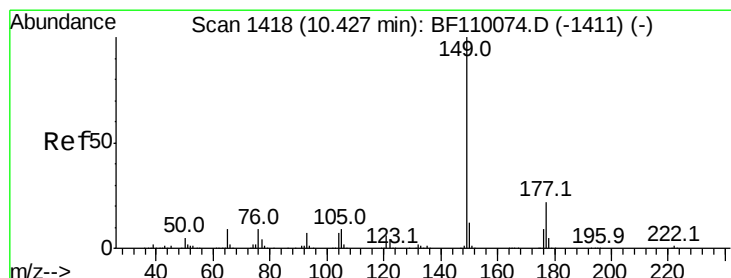
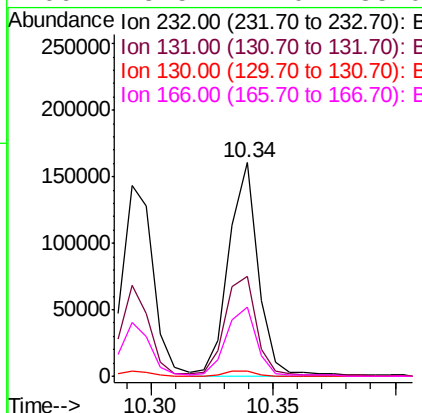
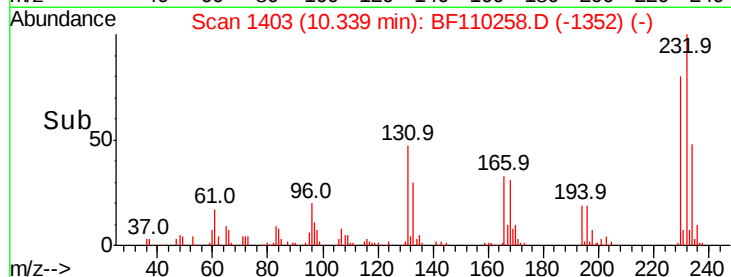
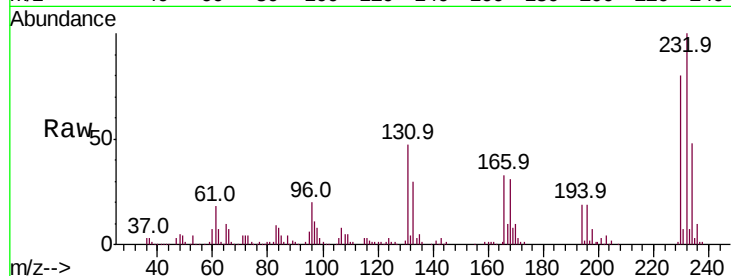
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.567 ng m
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.5	37.0	55.4
130	2.5	1.8	2.6
166	25.5	22.0	33.0

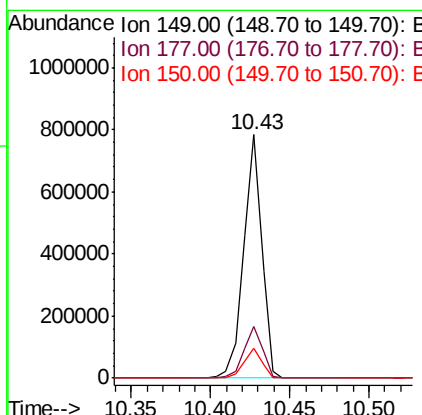
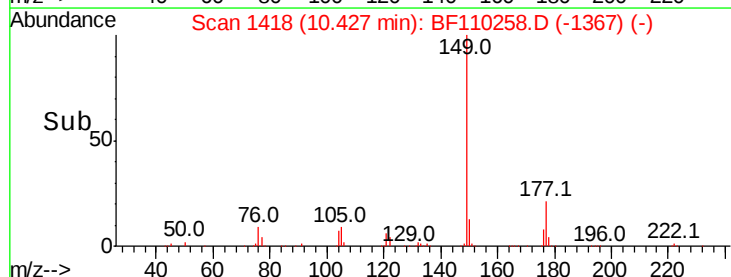
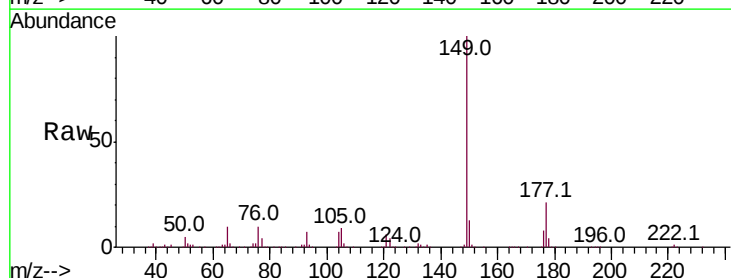
Manual Integrations
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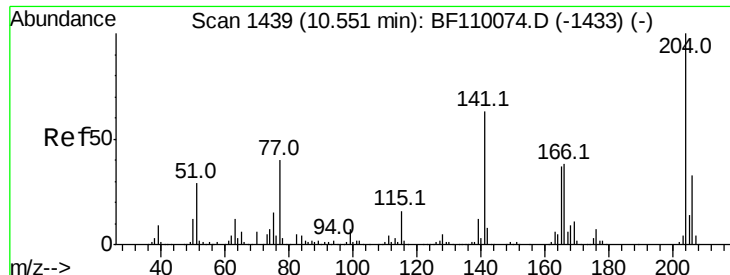
Sohil
 10/30/2018 2:24:09 PM



#60
 Diethylphthalate
 Concen: 51.565 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.4	26.2
150	12.5	9.8	14.8





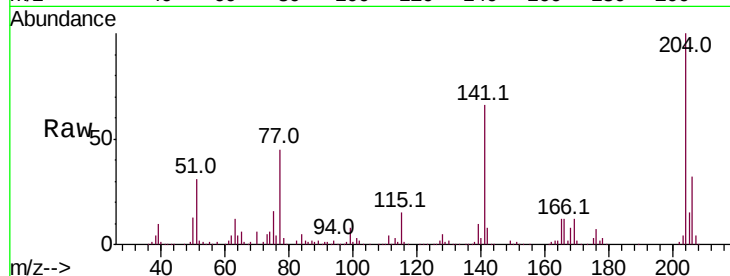
#61
4-Chlorophenyl-phenylether
Concen: 47.083 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	66.3	51.8	77.8

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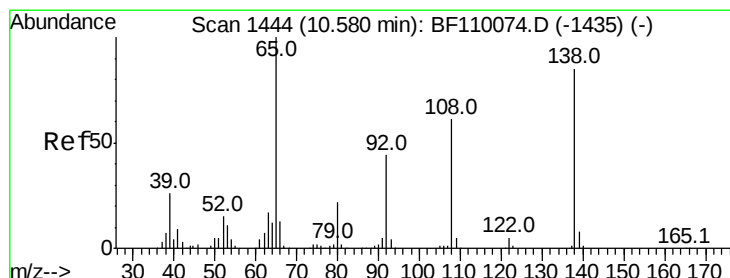
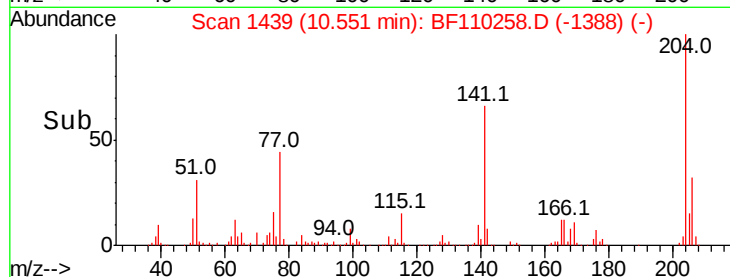
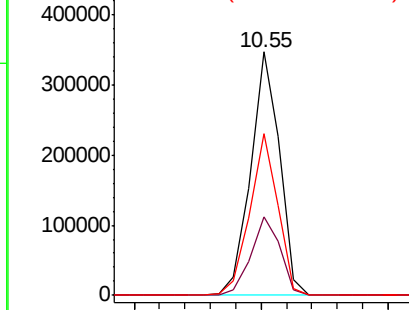


Abundance

Ion 204.00 (203.70 to 204.70): E

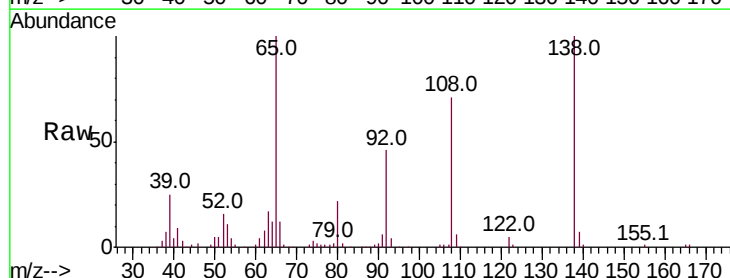
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.671 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.2	31.7	71.7
108	70.8	59.3	99.3

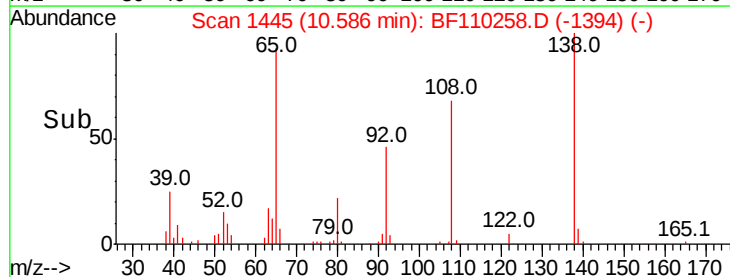
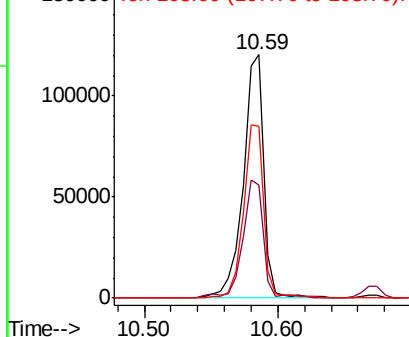


Abundance

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





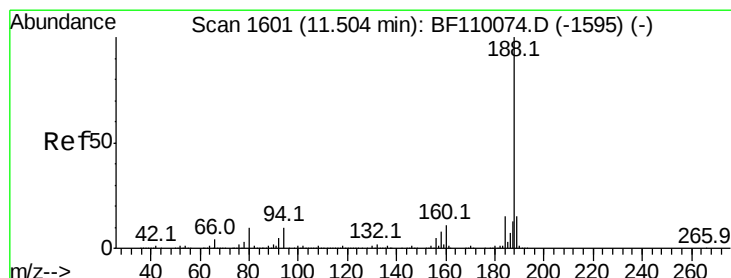
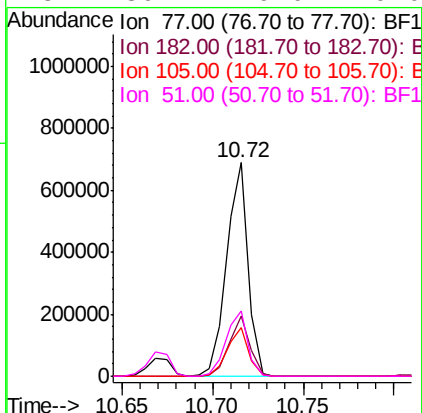
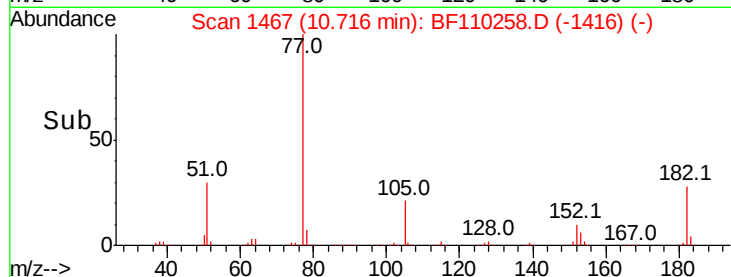
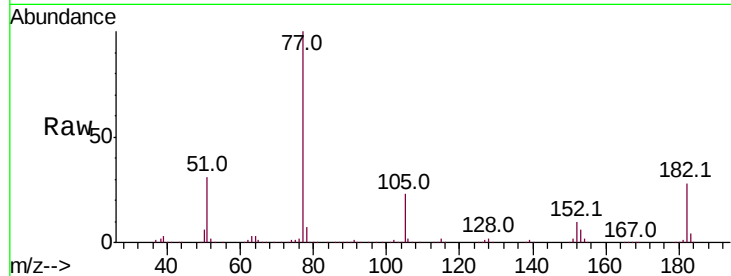
#63
Azobenzene
Concen: 47.252 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		564751		
182	28.2	4.3	44.3		
105	22.9	1.3	41.3		
51	30.7	9.0	49.0		

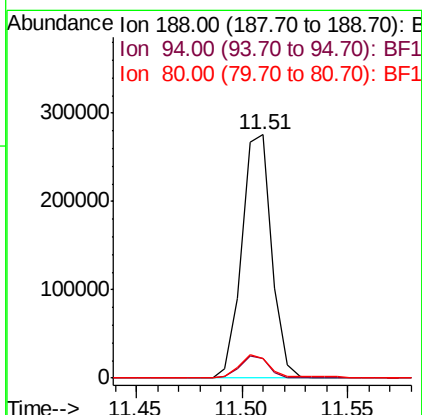
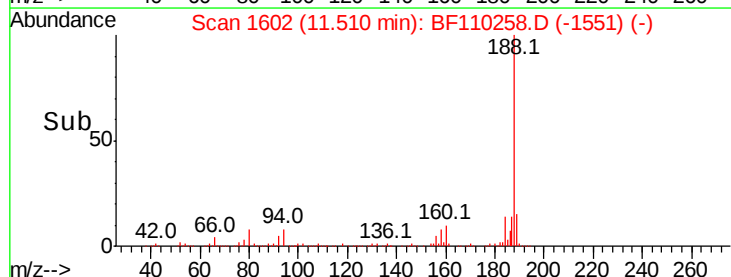
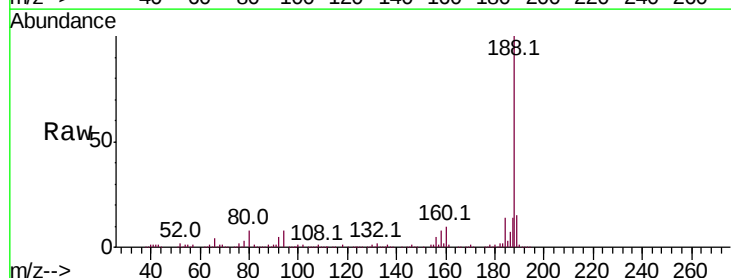
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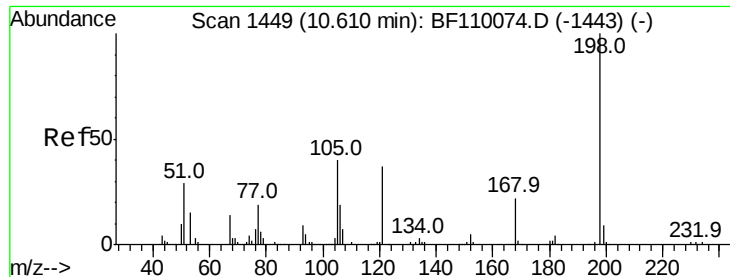
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		269302		
94	8.3	7.2	10.8		
80	8.1	7.9	11.9		





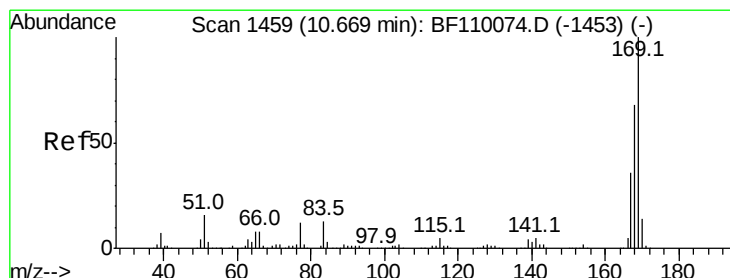
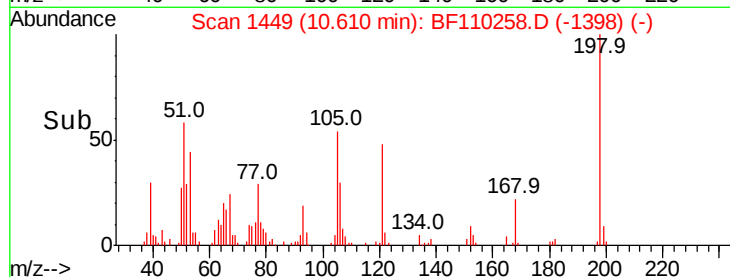
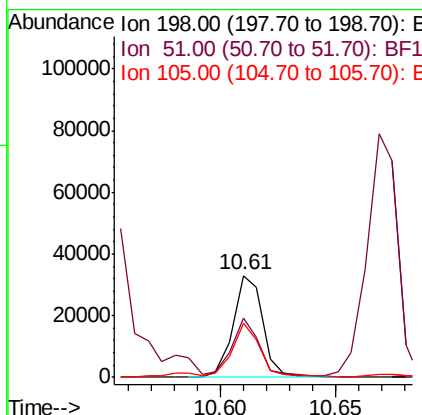
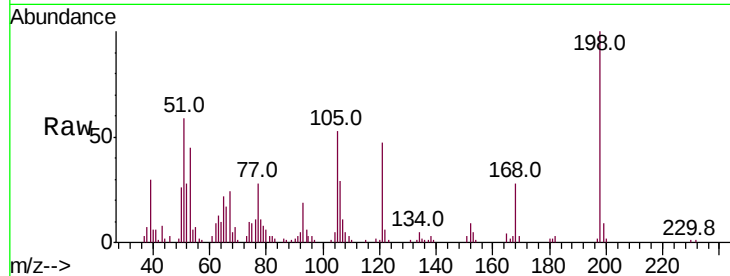
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.055 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	58.5	22.8	62.8
105	52.9	23.6	63.6

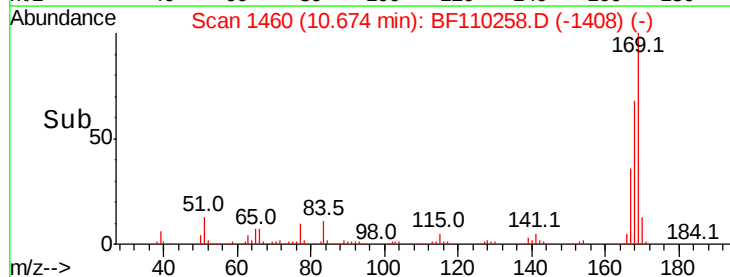
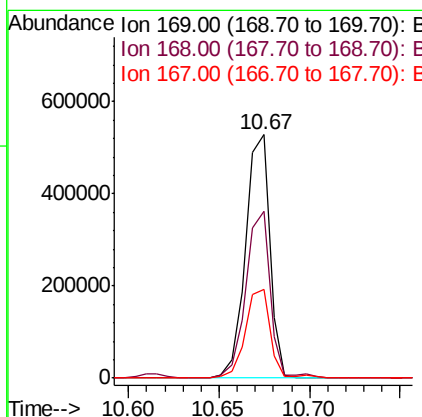
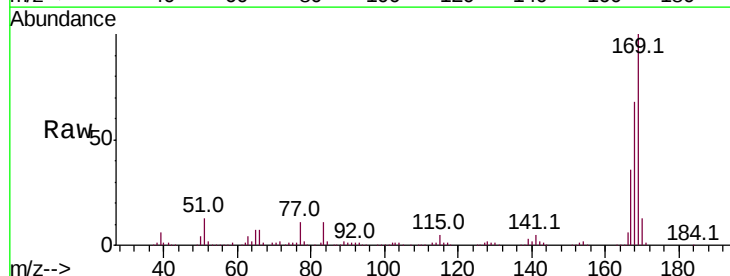
Manual Integrations
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#66
 n-Nitrosodiphenylamine
 Concen: 55.709 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. 0.01 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.3	51.2	76.8
167	36.3	27.8	41.6





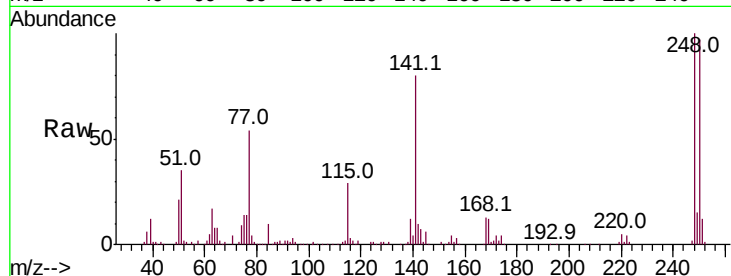
#67
4-Bromophenyl-phenylether
Concen: 53.575 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	79.4	119.2
141	79.8	55.9	83.9

Manual Integrations
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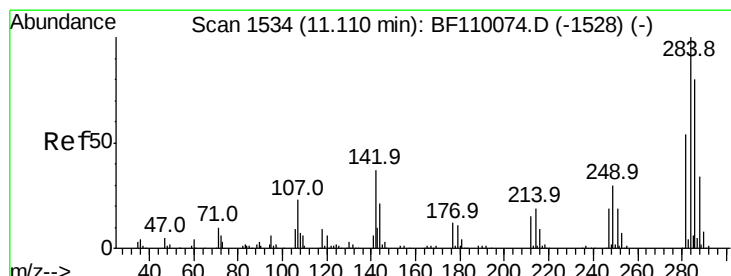
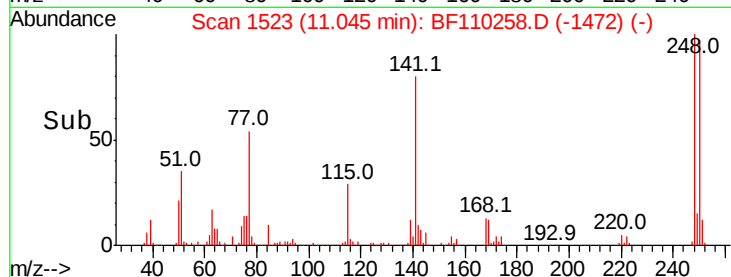
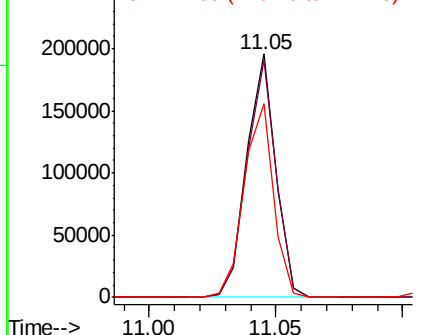


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 49.182 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

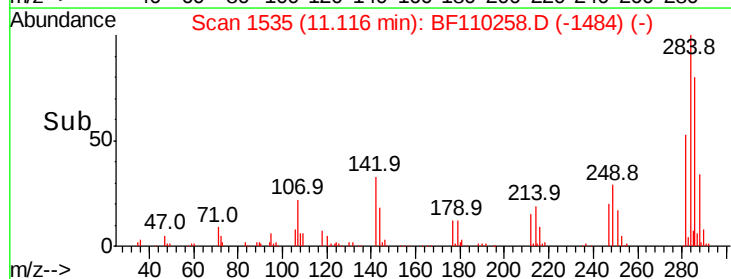
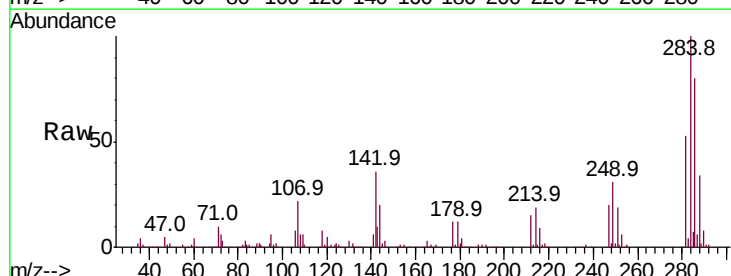
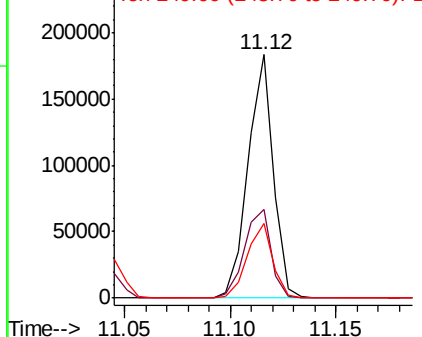
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	23.9	35.9#
249	30.9	24.2	36.2

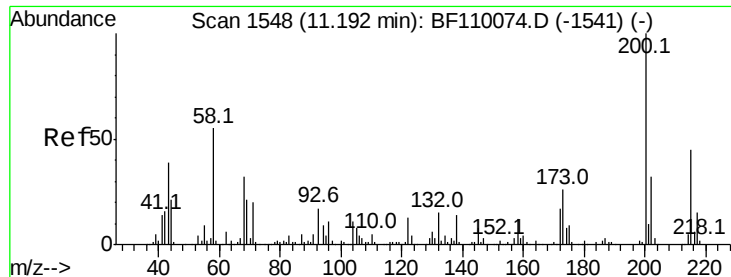
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





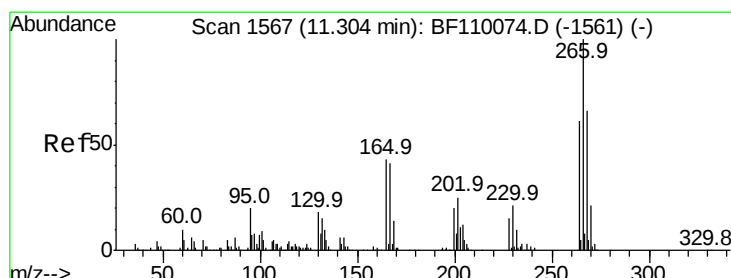
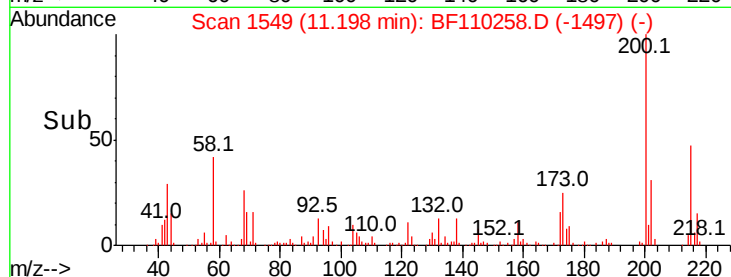
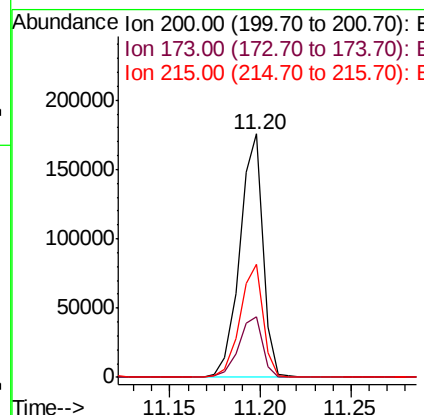
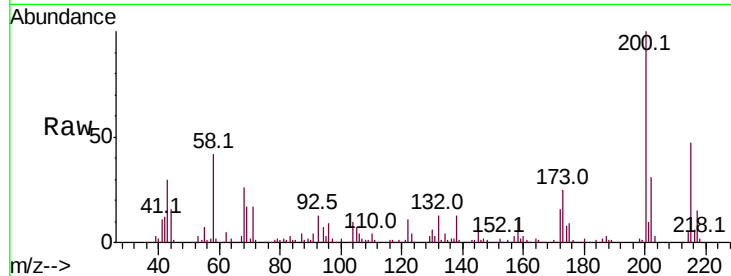
#69
Atrazine
Concen: 55.718 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.1	6.6	46.6
215	46.7	26.3	66.3

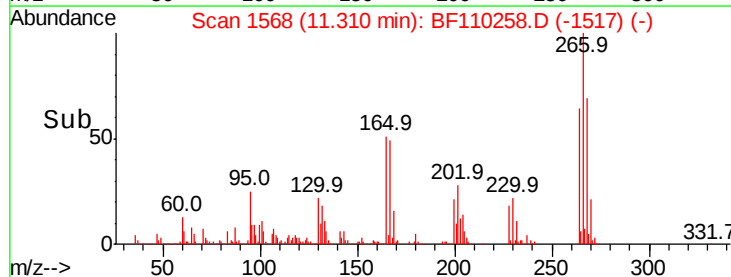
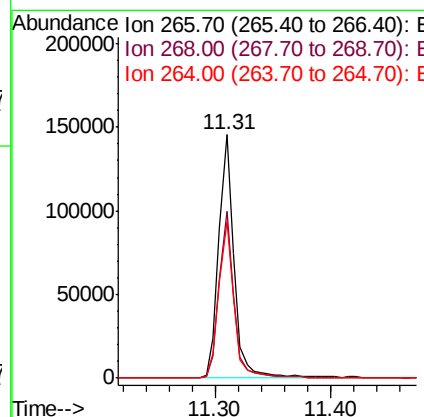
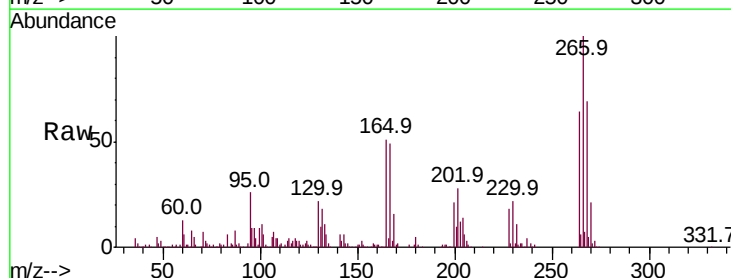
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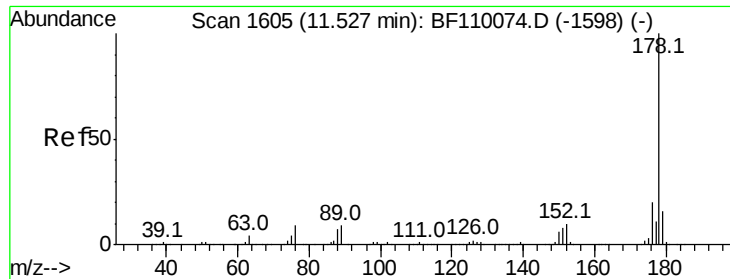
Sohil
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#70
Pentachlorophenol
Concen: 74.912 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.5	50.6	75.8
264	64.5	50.6	75.8





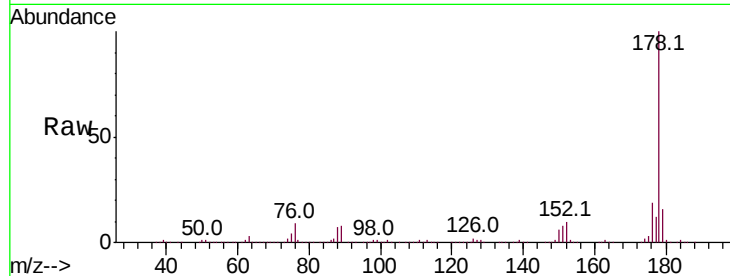
#71
Phenanthrene
Concen: 68.223 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

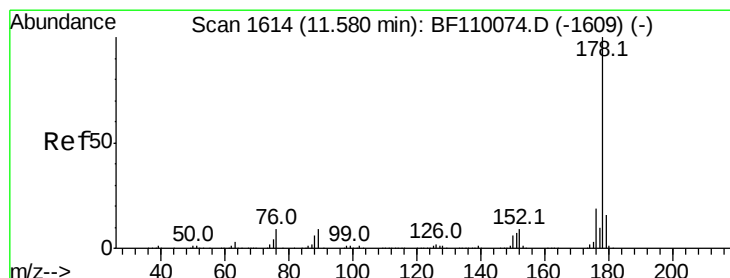
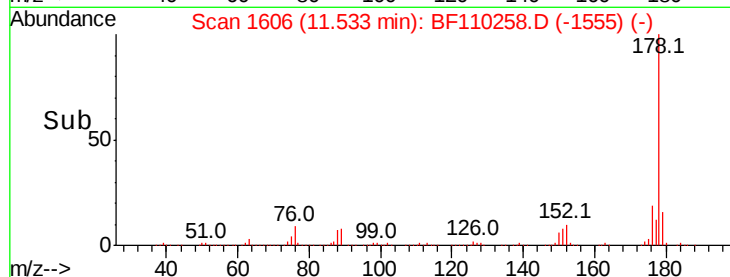
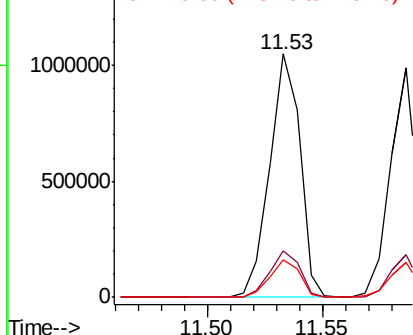
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.6	12.5	18.7

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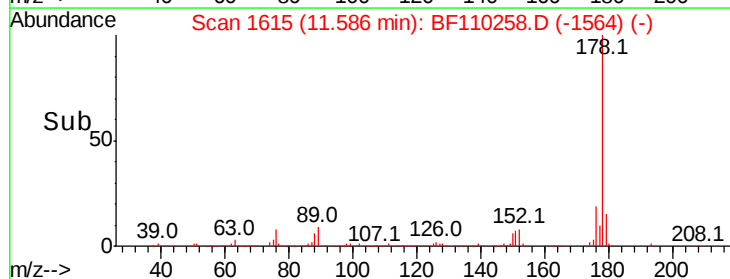
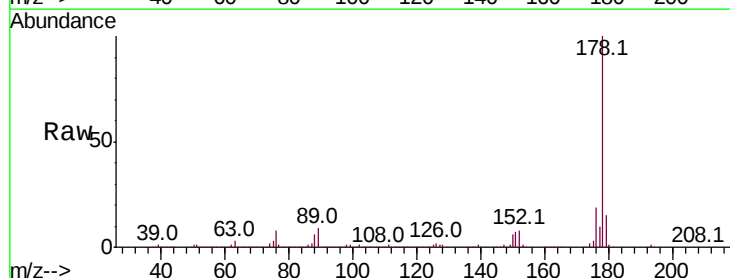
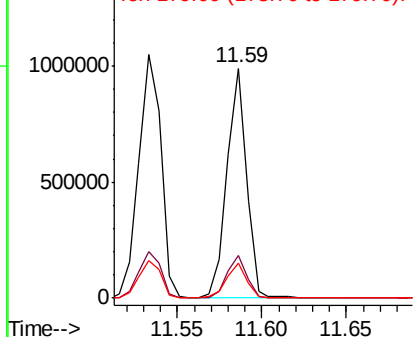
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

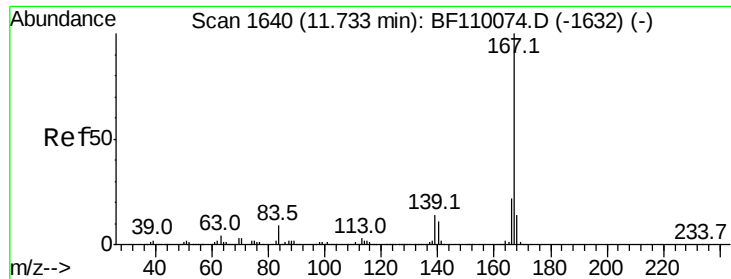


#72
Anthracene
Concen: 56.386 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.4	12.6	18.8

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





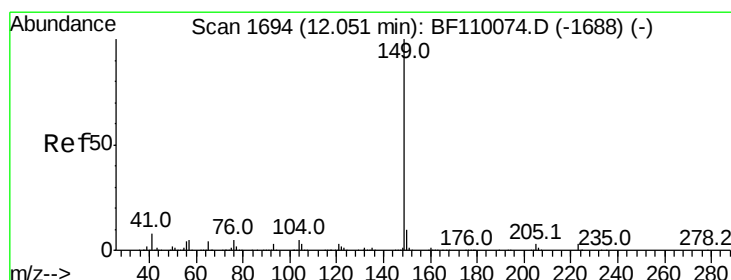
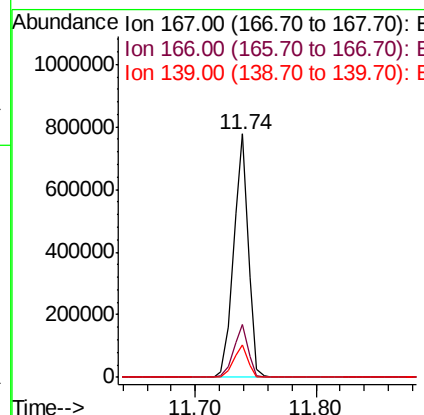
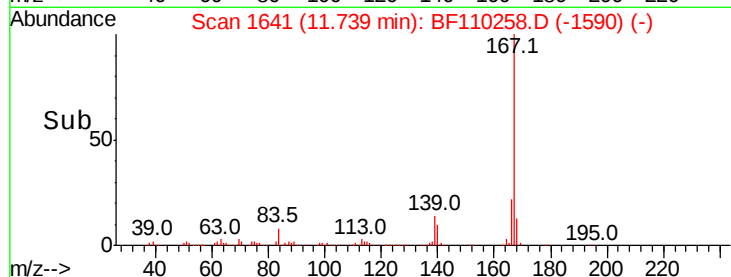
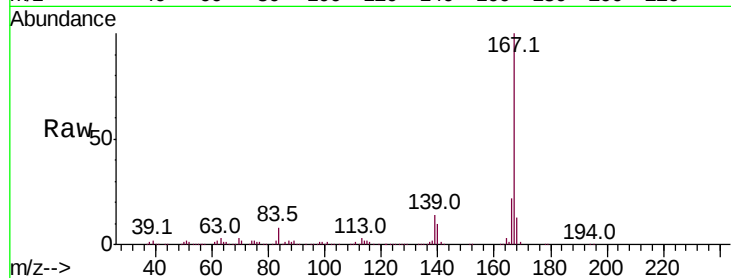
#73
 Carbazole
 Concen: 47.479 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.0
139	13.5	10.9	16.3

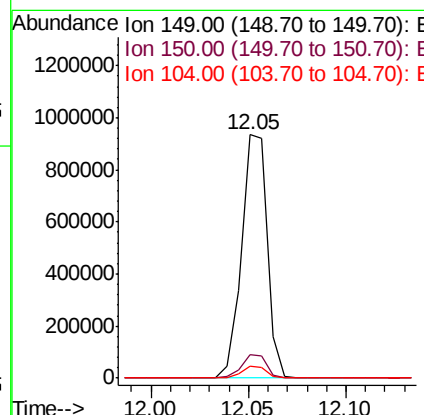
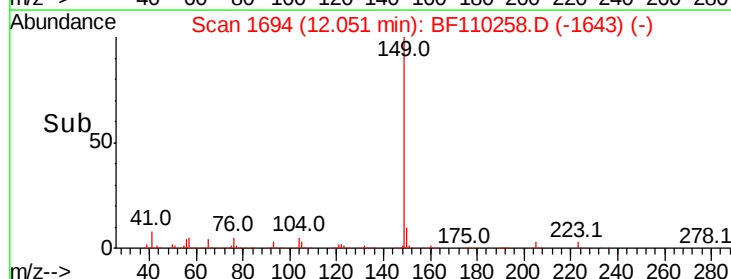
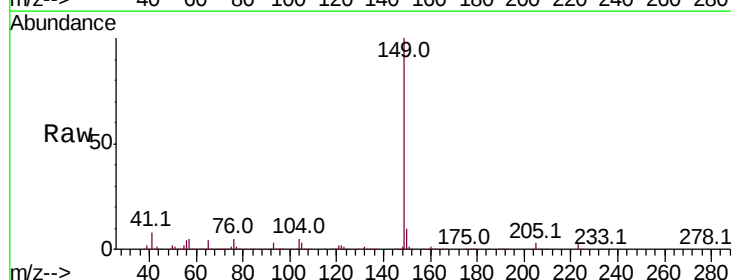
Manual Integrations
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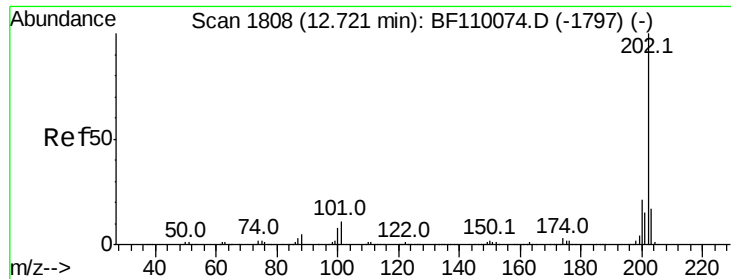
Sohil
 10/30/2018 2:24:09 PM



#74
 Di-n-butylphthalate
 Concen: 54.656 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 59.256 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

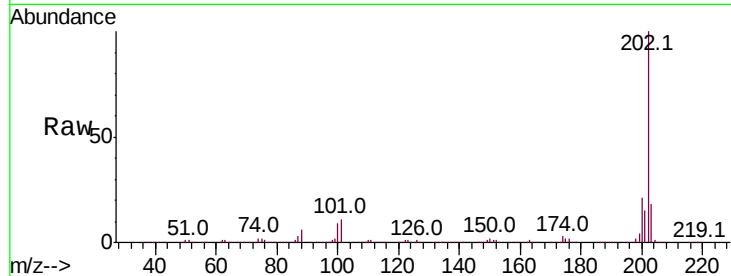
ClientSampleId :

PA-SED-01MSD

Tot Ion:	202	Resp:	847416
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	31.4
203	17.9	0.0	37.7

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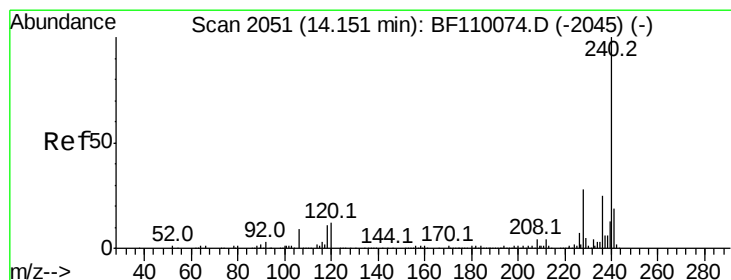
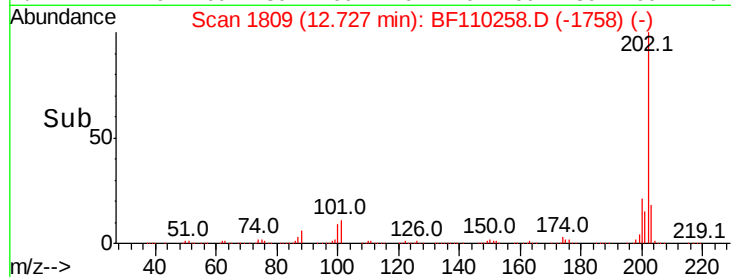
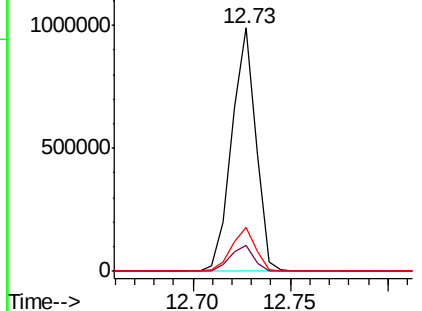
Sohil
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

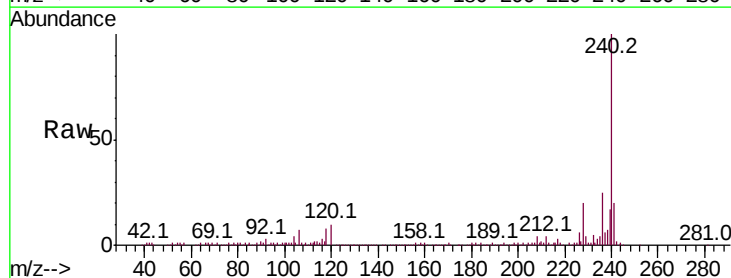
RT: 14.16 min Scan# 2053

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

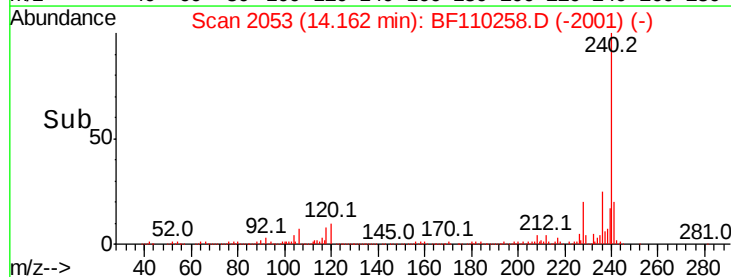
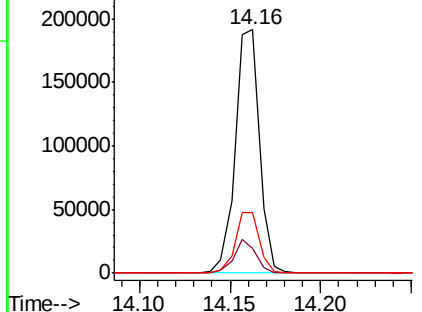
Tgt Ion:	240	Resp:	178366
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.3	12.5
236	24.7	21.2	31.8

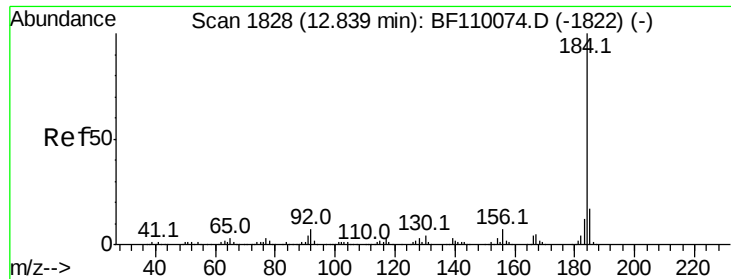


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.267 ng

RT: 12.84 min Scan# 1829

Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

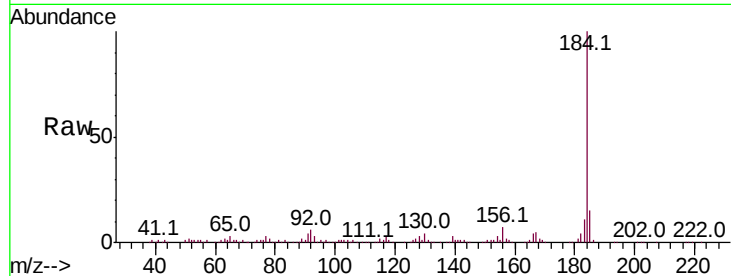
ClientSampleId :

PA-SED-01MSD

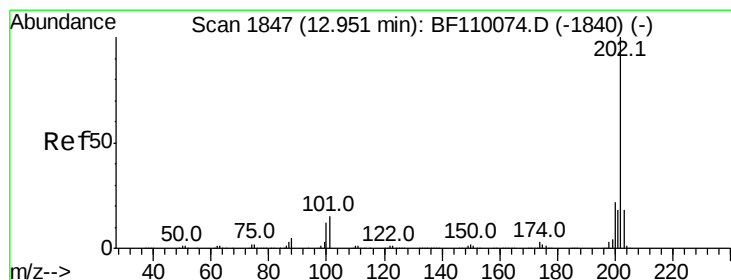
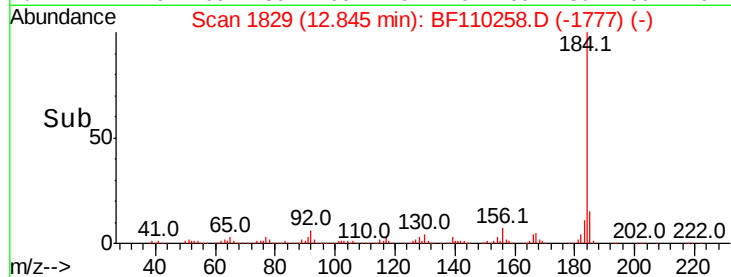
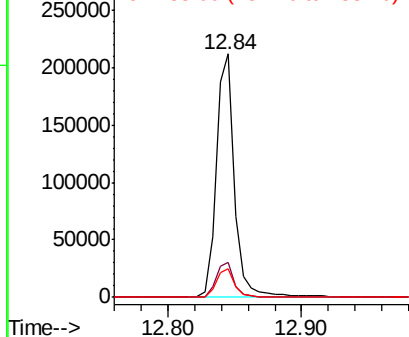
Tot Ion:	184	Resp:	203160
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.4	20.2
183	11.5	9.4	14.2

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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: 63.438 ng

RT: 12.96 min Scan# 1848

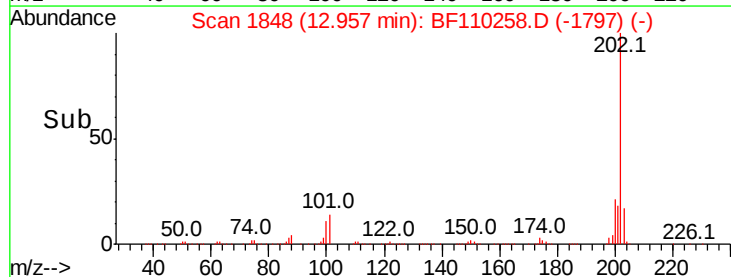
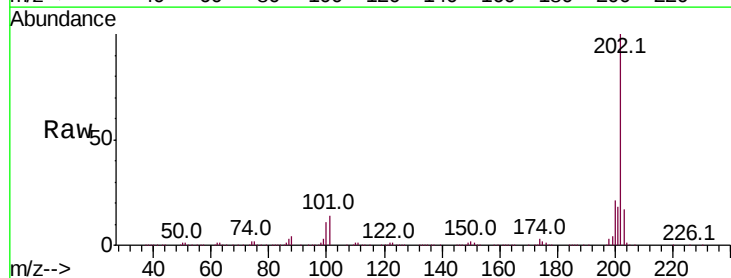
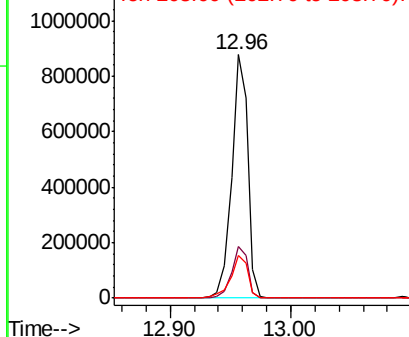
Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion:	202	Resp:	811206
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	17.4	14.2	21.4

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





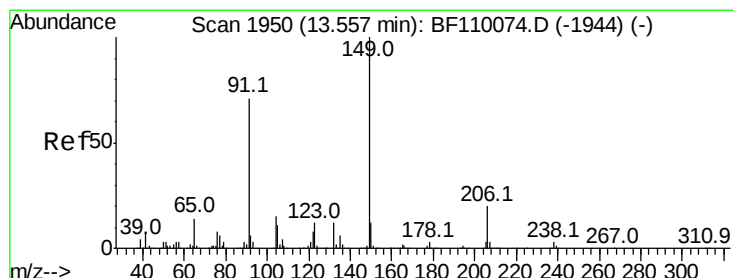
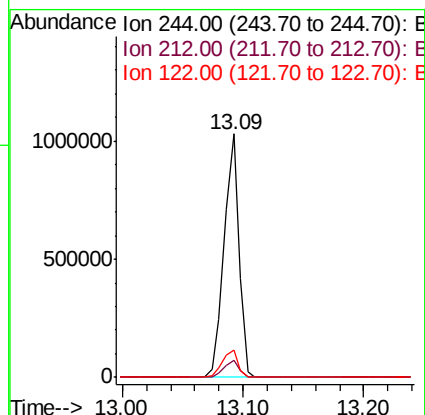
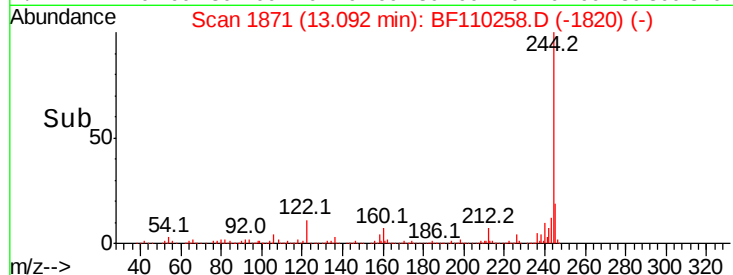
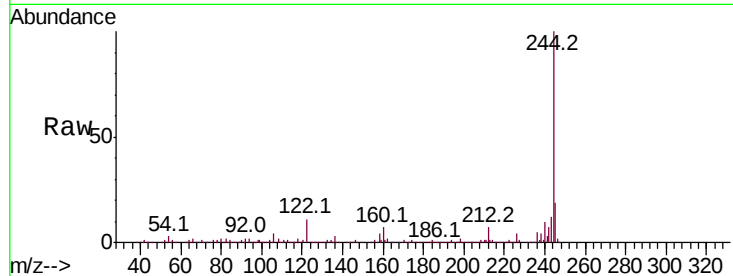
#79
 Terphenyl-d14
 Concen: 102.251 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MSD

Tot Ion:	244	Resp:	876957
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	11.3	8.7	13.1

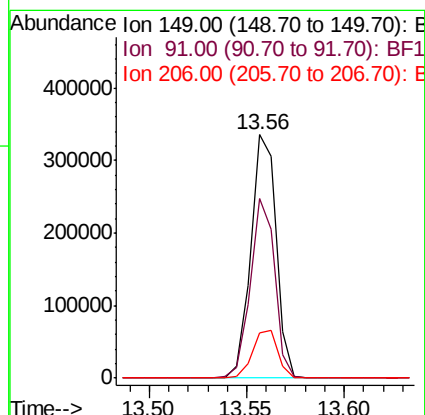
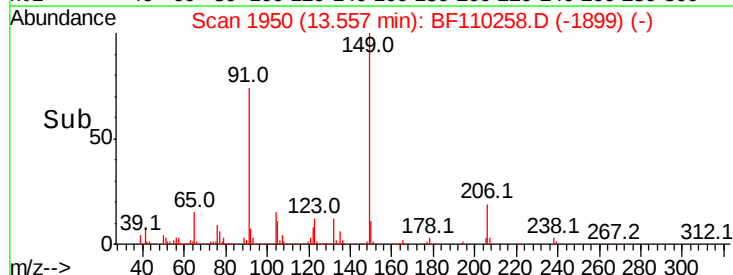
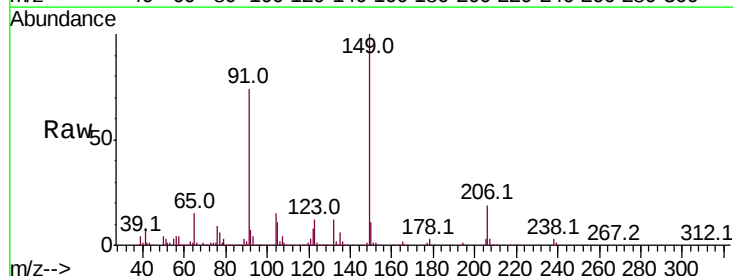
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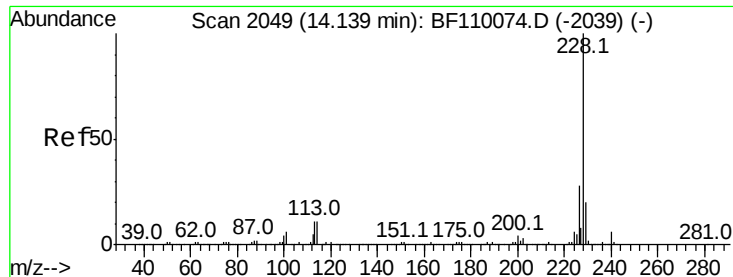
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#80
 Butylbenzylphthalate
 Concen: 54.542 ng
 RT: 13.56 min Scan# 1950
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion:	149	Resp:	302719
Ion Ratio	Lower	Upper	
149	100		
91	73.8	57.2	85.8
206	18.8	15.7	23.5





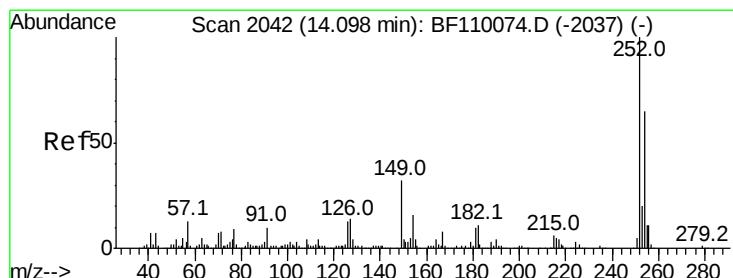
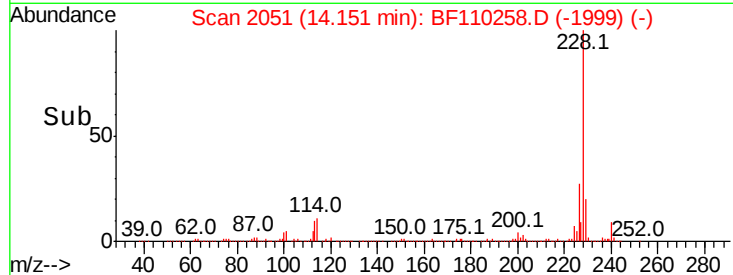
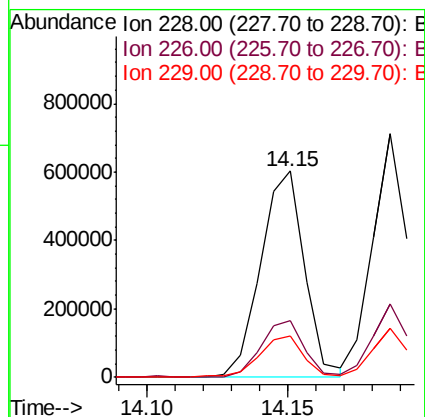
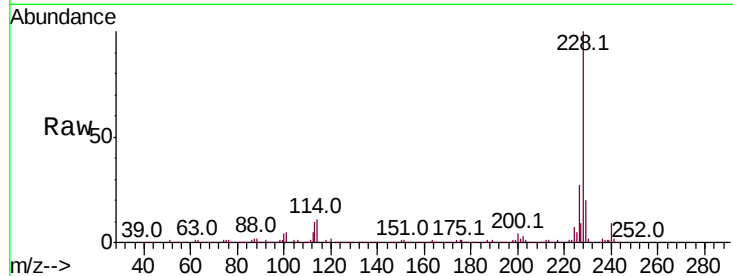
#81
Benzo(a)anthracene
Concen: 61.107 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	646355		
226	27.4		22.1	33.1
229	20.2		15.6	23.4

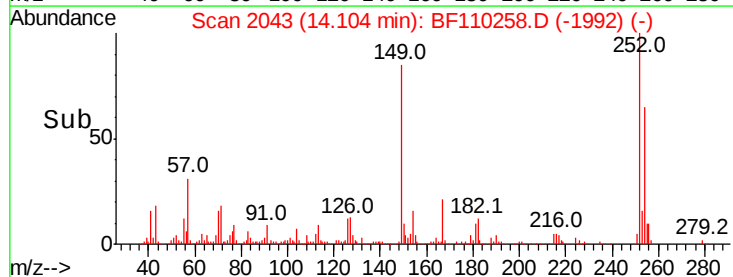
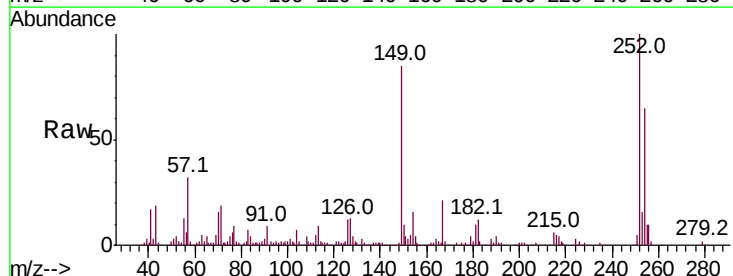
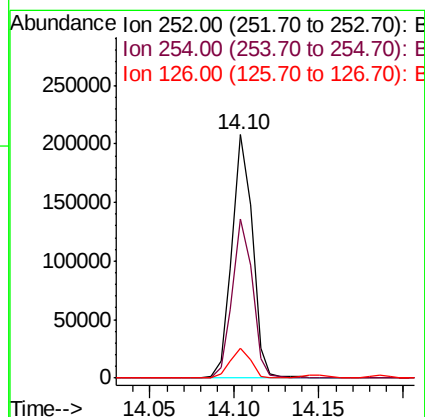
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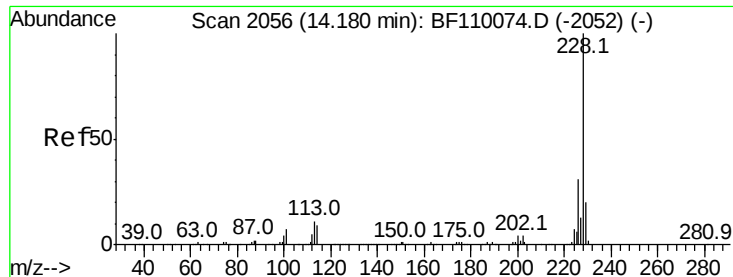
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#82
3,3'-Dichlorobenzidine
Concen: 47.857 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	176270		
254	65.3		51.3	76.9
126	12.3		9.4	14.2





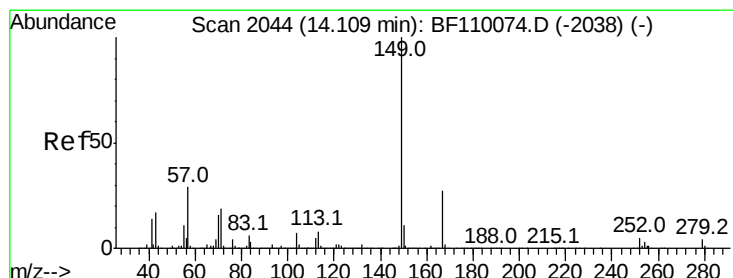
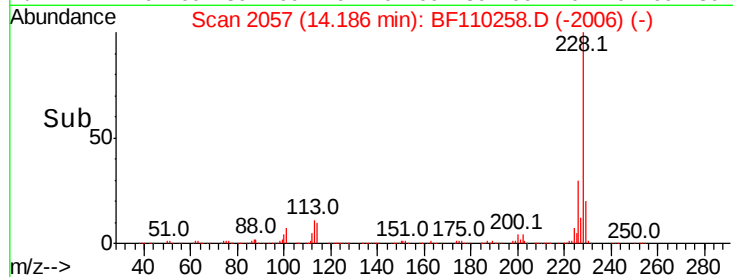
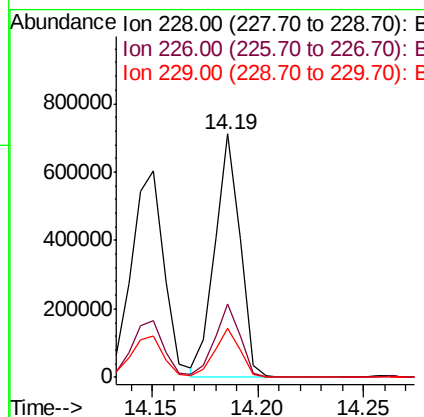
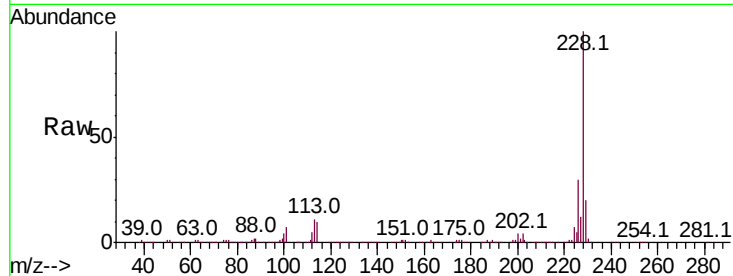
#83
 Chrvsene
 Concen: 58.920 ng
 RT: 14.19 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Instrument :
 BNA_F
 ClientSampleId :
 PA-SED-01MSD

Tot Ion:	228	Resp:	591945
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	20.3	15.9	23.9

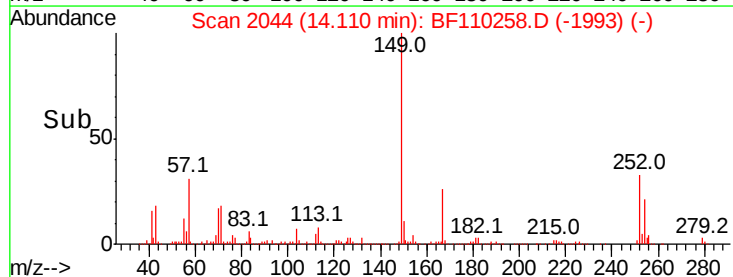
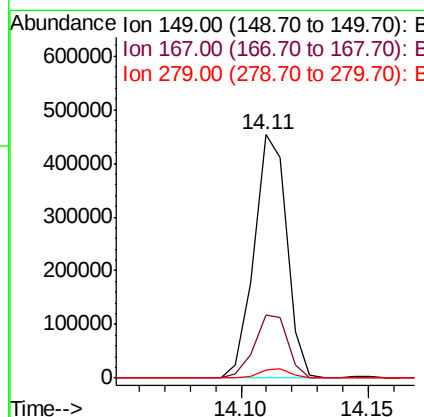
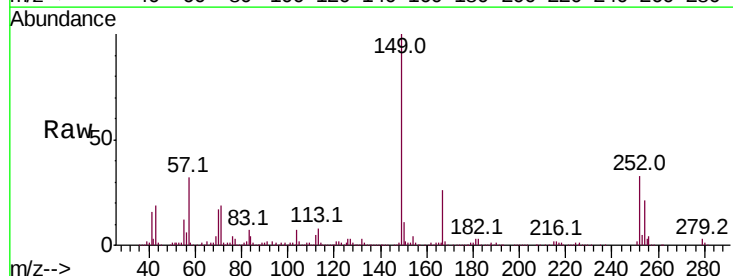
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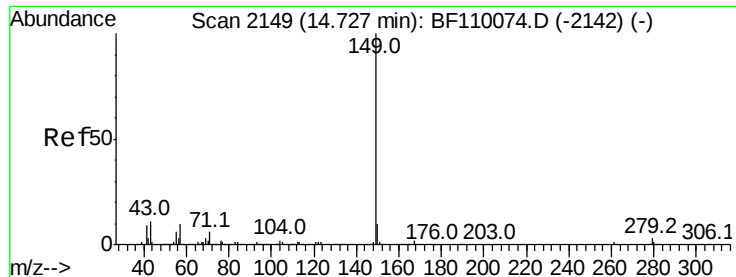
Sohil
 10/30/2018 2:24:09 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.611 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. 0.00 min
 Lab File: BF110258.D
 Acq: 29 Oct 2018 13:19

Tgt Ion:	149	Resp:	409731
Ion Ratio	Lower	Upper	
149	100		
167	26.0	19.8	29.8
279	3.1	2.7	4.1





#85

Di-n-octyl phthalate

Concen: 58.434 ng

RT: 14.73 min Scan# 2150

Delta R.T. 0.00 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Instrument :

BNA_F

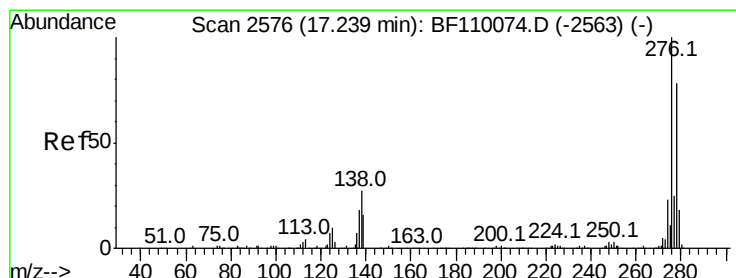
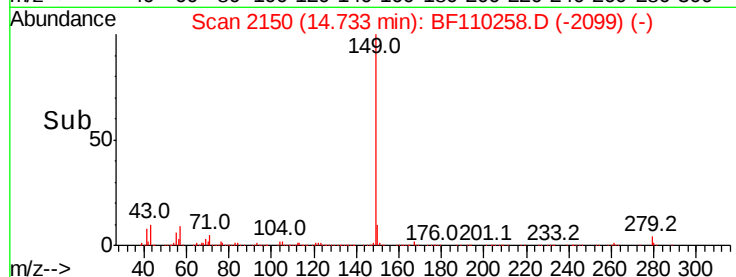
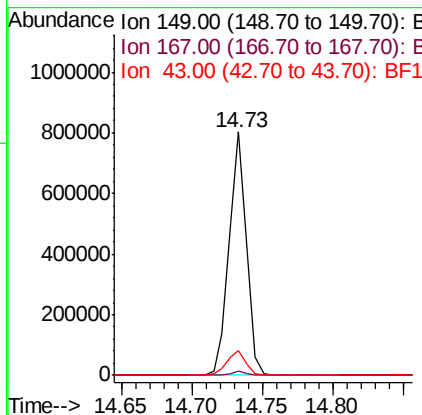
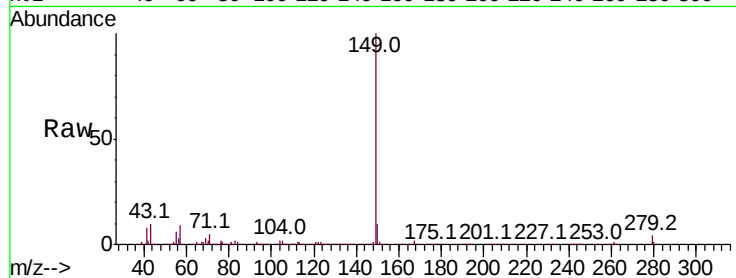
ClientSampleId :

PA-SED-01MSD

Tot Ion:	149	Resp:	681704
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.1	1.7#
43	10.4	7.8	11.8

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 56.523 ng

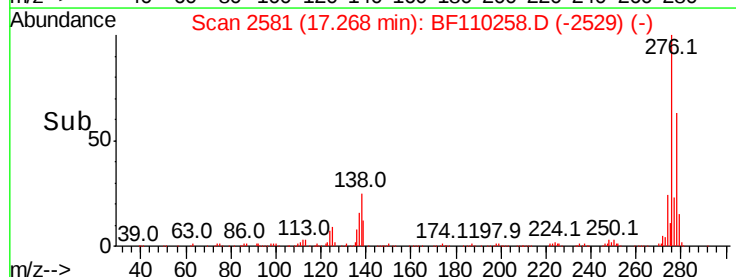
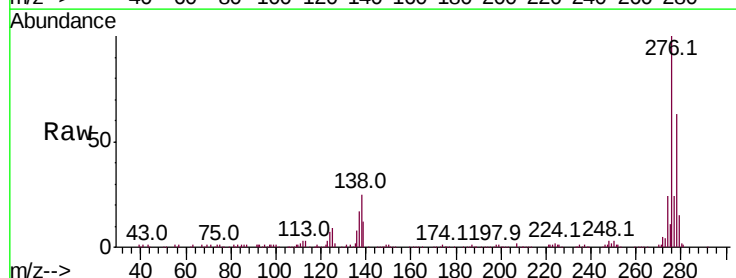
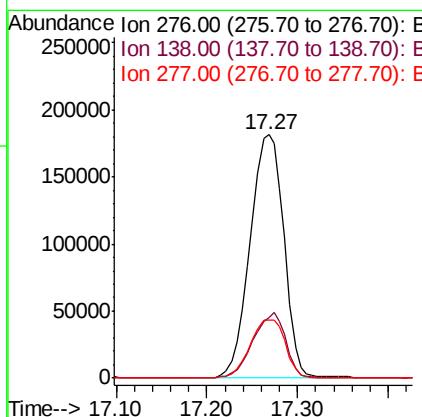
RT: 17.27 min Scan# 2581

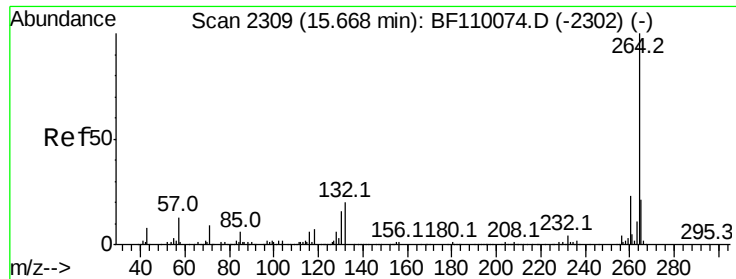
Delta R.T. 0.01 min

Lab File: BF110258.D

Acq: 29 Oct 2018 13:19

Tgt Ion:	276	Resp:	471092
Ion Ratio	Lower	Upper	
276	100		
138	26.1	18.5	27.7
277	25.2	20.0	30.0





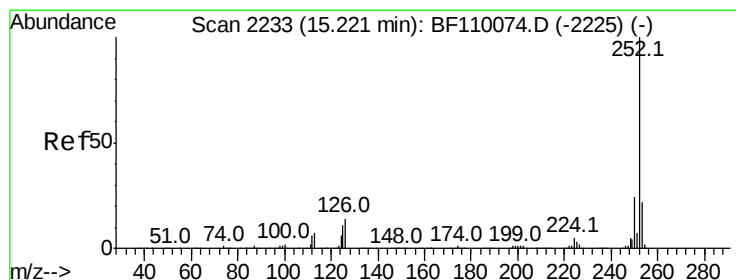
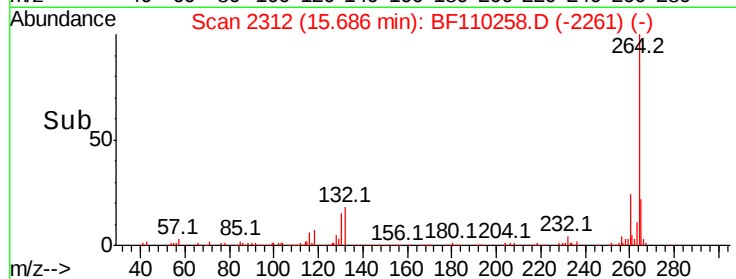
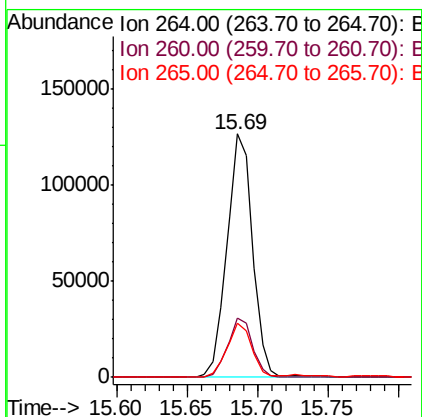
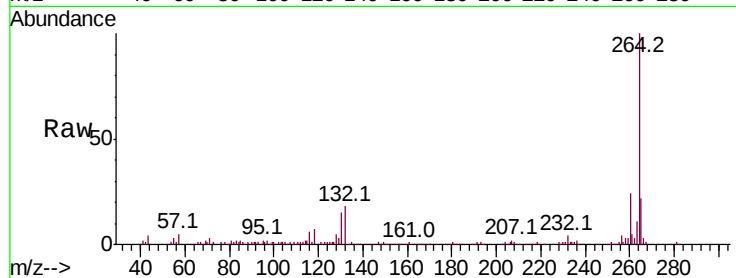
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	22.3	16.7	25.1

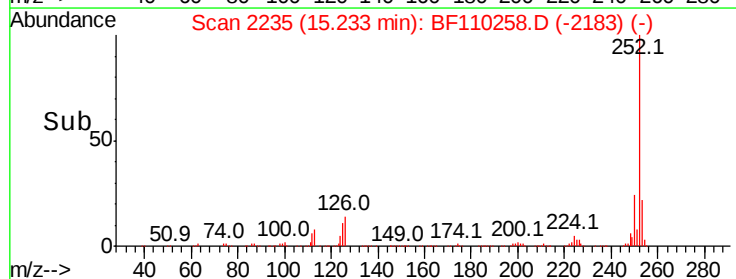
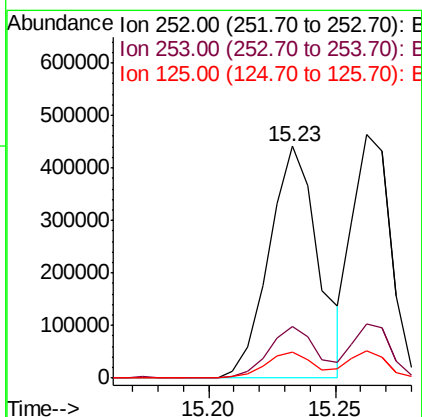
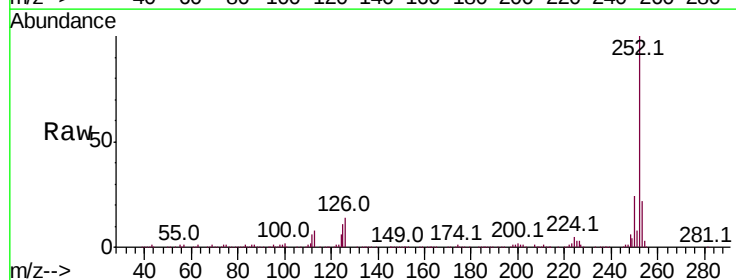
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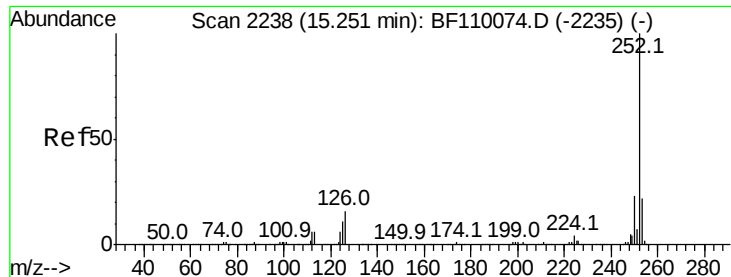
Sohil
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#88
Benzo(b)fluoranthene
Concen: 64.453 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	11.0	8.2	12.4





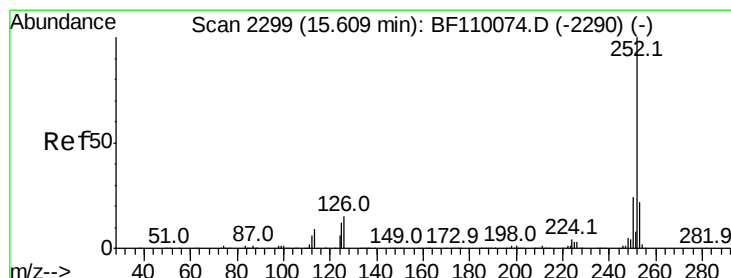
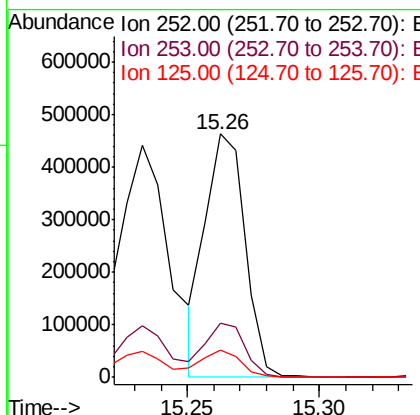
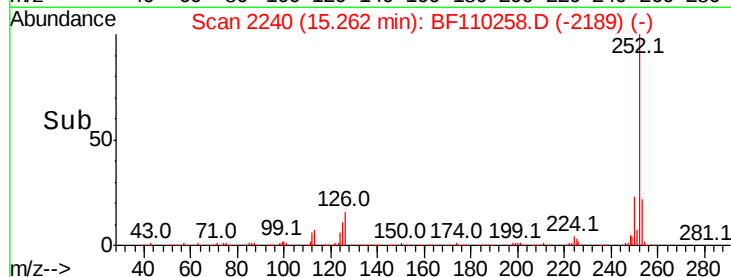
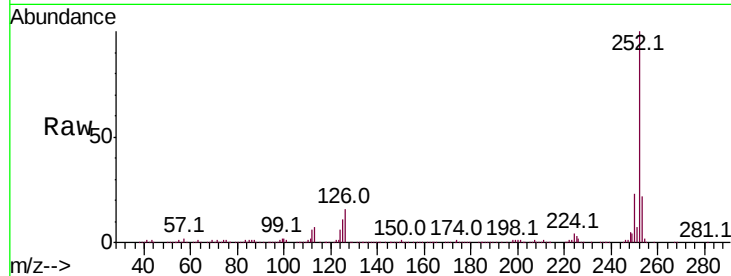
#89
Benzo(k)fluoranthene
Concen: 53.544 ng m
RT: 15.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	11.3	7.4	11.0

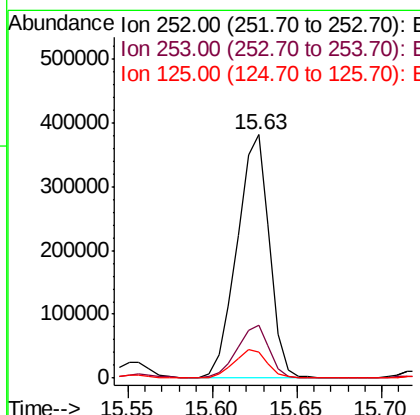
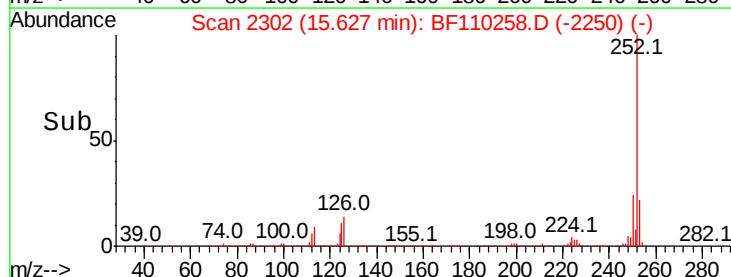
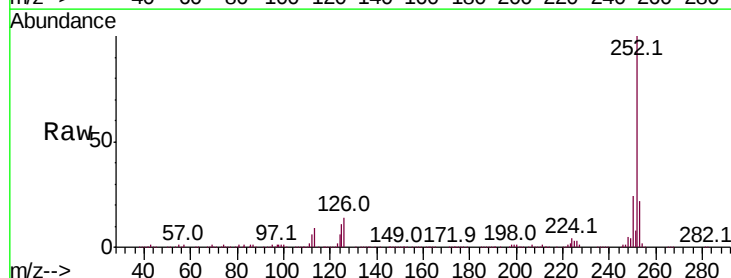
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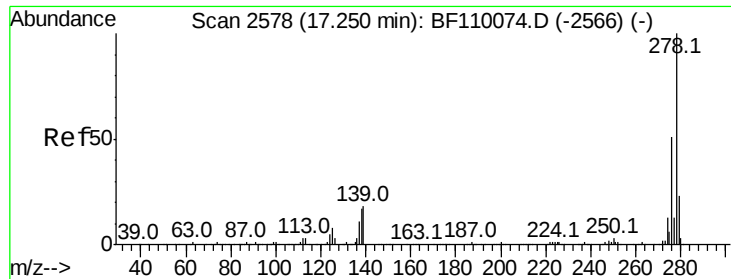
Sohil
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#90
Benzo(a)pyrene
Concen: 59.880 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	10.8	9.0	13.6





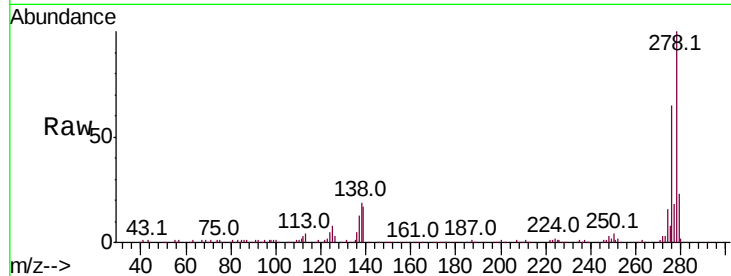
#91
Dibenzo(a,h)anthracene
Concen: 51.385 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Instrument :
BNA_F
ClientSampleId :
PA-SED-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.7	19.1
279	23.2	19.0	28.4

Manual Integrations
APPROVED

Sohil
10/30/2018 2:24:09 PM

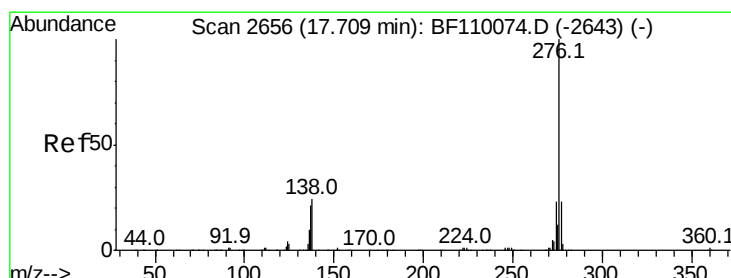
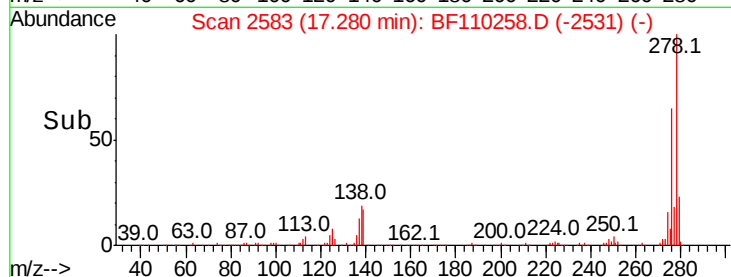
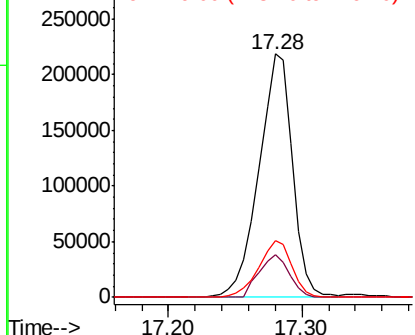


Abundance

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: 52.806 ng
RT: 17.74 min Scan# 2662
Delta R.T. 0.01 min
Lab File: BF110258.D
Acq: 29 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.8	28.2
138	22.2	16.0	24.0

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

