

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110290.D
 Acq On : 30 Oct 2018 4:03
 Operator : JU/SJ
 Sample : J5696-02MS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-SED-01MS

Manual Integrations
 APPROVED

Sohil
 10/30/2018 3:04:41 PM

Quant Time: Oct 30 09:24:47 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 17:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	93792	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	333581	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	130197	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	205551	20.00	ng	0.00
76) Chrysene-d12	14.16	240	131190	20.00	ng	0.00
87) Perylene-d12	15.70	264	99222	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	701394	121.78	ng	0.02
7) Phenol-d6	6.60	99	843942	114.56	ng	0.01
23) Nitrobenzene-d5	7.54	82	504306	89.67	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	124052	96.19	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	751910	90.69	ng	0.00
79) Terphenyl-d14	13.09	244	517709	82.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	80639	26.723	ng	89
3) Pyridine	3.66	79	209738	31.206	ng	# 82
4) n-Nitrosodimethylamine	3.61	42	118233	41.988	ng	89
6) Aniline	6.64	93	101137	10.539	ng	# 59
8) 2-Chlorophenol	6.76	128	235295	35.434	ng	98
9) Benzaldehyde	6.53	77	111325	23.039	ng	90
10) Phenol	6.62	94	313330	39.789	ng	# 68
11) bis(2-Chloroethyl)ether	6.70	93	240199	37.075	ng	93
12) 1,3-Dichlorobenzene	6.92	146	256878	35.152	ng	97
13) 1,4-Dichlorobenzene	6.99	146	258043	34.915	ng	98
14) 1,2-Dichlorobenzene	7.15	146	241855	35.251	ng	99
15) Benzyl Alcohol	7.11	79	196394	34.661	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	346681	33.468	ng	70
17) 2-Methylphenol	7.22	107	181179	34.236	ng	# 82
18) Hexachloroethane	7.48	117	56963	21.052	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	160175	33.891	ng	98
20) 3+4-Methylphenols	7.37	107	227134	33.204	ng	# 63
22) Acetophenone	7.38	105	326486	42.476	ng	96
24) Nitrobenzene	7.56	77	225003	38.751	ng	93
25) Isophorone	7.79	82	416306	43.425	ng	95
26) 2-Nitrophenol	7.87	139	53433	19.338	ng	96
27) 2,4-Dimethylphenol	7.90	122	189117	41.282	ng	99
28) bis(2-Chloroethoxy)methane	7.99	93	273153	41.942	ng	99
29) 2,4-Dichlorophenol	8.11	162	166490	35.973	ng	97
30) 1,2,4-Trichlorobenzene	8.19	180	199510	38.485	ng	95
31) Naphthalene	8.28	128	625360	40.675	ng	100
32) Benzoic acid	7.96	122	11393	3.218	ng	86
33) 4-Chloroaniline	8.33	127	78463	11.340	ng	97
34) Hexachlorobutadiene	8.39	225	110364	38.342	ng	99
35) Caprolactam	8.69	113	44680	27.698	ng	93
36) 4-Chloro-3-methylphenol	8.80	107	165722	33.113	ng	96
37) 2-Methylnaphthalene	8.97	142	401796	39.500	ng	99
38) 1-Methylnaphthalene	9.07	142	368568	37.494	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	164684	40.596	ng	98

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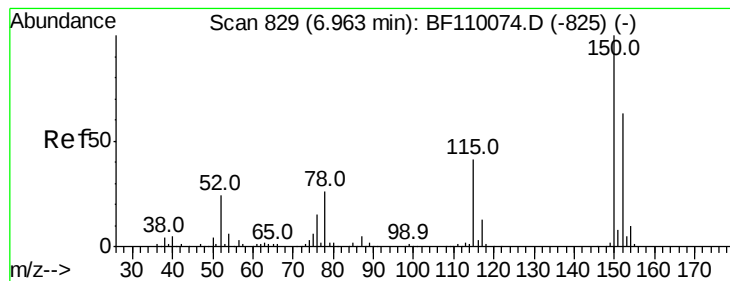
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	583	0.281	nq	93
43) 2,4,6-Trichlorophenol	9.25	196	98225	37.540	nq	97
44) 2,4,5-Trichlorophenol	9.29	196	97856	35.381	nq	95
46) 1,1'-Biphenyl	9.43	154	463485	39.366	nq	98
47) 2-Chloronaphthalene	9.46	162	340621	39.440	nq	99
48) 2-Nitroaniline	9.56	65	107217	40.968	nq	96
49) Acenaphthylene	9.88	152	501653	40.216	nq	100
50) Dimethylphthalate	9.73	163	535125	55.679	nq	99
51) 2,6-Dinitrotoluene	9.79	165	58663	28.337	nq	99
52) Acenaphthene	10.05	154	304681	36.922	nq	97
53) 3-Nitroaniline	9.97	138	83736	34.013	nq	91
55) Dibenzofuran	10.22	168	427406	36.993	nq	97
56) 4-Nitrophenol	10.13	139	120400	66.079	nq	96
57) 2,4-Dinitrotoluene	10.20	165	61190	23.270	nq	# 82
58) Fluorene	10.57	166	331391	38.539	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	72990	32.378	nq	94
60) Diethylphthalate	10.43	149	374340	39.901	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	161004	35.494	nq	98
62) 4-Nitroaniline	10.58	138	86094	35.161	nq	94
63) Azobenzene	10.72	77	310696	33.364	nq	96
66) n-Nitrosodiphenylamine	10.67	169	286017	42.423	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	88374	39.636	nq	93
68) Hexachlorobenzene	11.12	284	88676	37.484	nq	# 91
69) Atrazine	11.19	200	60153	28.232	nq	97
70) Pentachlorophenol	11.31	266	68662	49.774	nq	97
71) Phenanthrene	11.53	178	520088	48.356	nq	99
72) Anthracene	11.59	178	471860	43.770	nq	98
73) Carbazole	11.74	167	407997	38.761	nq	99
74) Di-n-butylphthalate	12.06	149	502236	42.247	nq	98
75) Fluoranthene	12.73	202	645677	59.152	nq	98
77) Benzidine	12.85	184	7791m	0.679	nq	
78) Pyrene	12.96	202	604669	64.291	nq	98
80) Butylbenzylphthalate	13.56	149	213605	52.325	nq	100
81) Benzo(a)anthracene	14.15	228	415268	53.377	nq	99
82) 3,3'-Dichlorobenzidine	14.11	252	48644	17.956	nq	99
83) Chrysene	14.19	228	393204	53.212	nq	99
84) Bis(2-ethylhexyl)phthalate	14.12	149	407731	73.886	nq	96
85) Di-n-octyl phthalate	14.73	149	403626	47.039	nq	# 96
86) Indeno(1,2,3-cd)pyrene	17.28	276	271099	44.224	nq	98
88) Benzo(b)fluoranthene	15.24	252	363393	63.423	nq	97
89) Benzo(k)fluoranthene	15.27	252	262731	46.642	nq	# 96
90) Benzo(a)pyrene	15.63	252	301322	57.152	nq	97
91) Dibenzo(a,h)anthracene	17.29	278	186739	41.049	nq	98
92) Benzo(g,h,i)perylene	17.76	276	222101	49.545	nq	100

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



#1

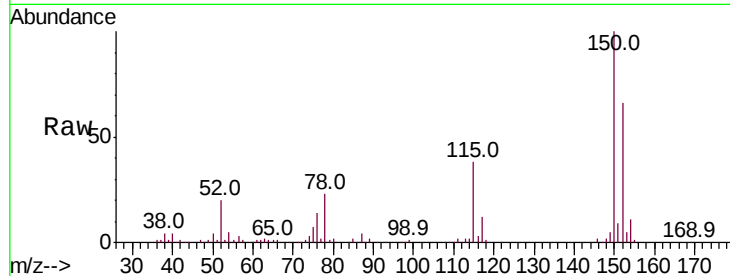
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

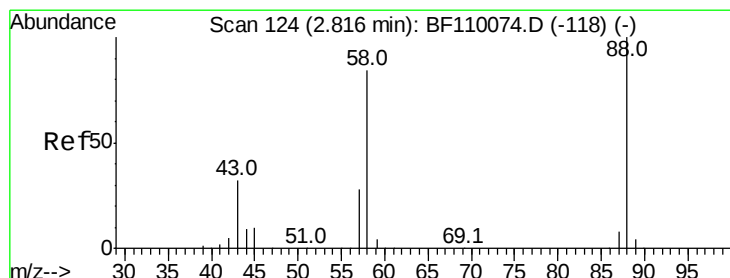
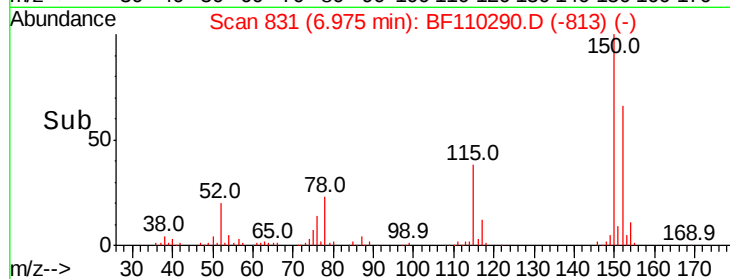
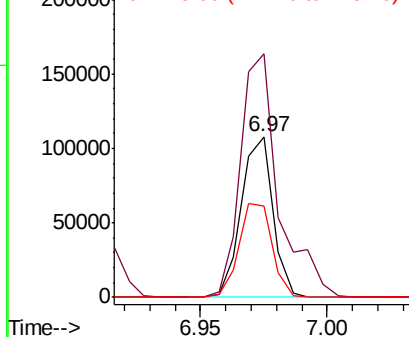
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	122.7	184.1
115	57.0	49.1	73.7

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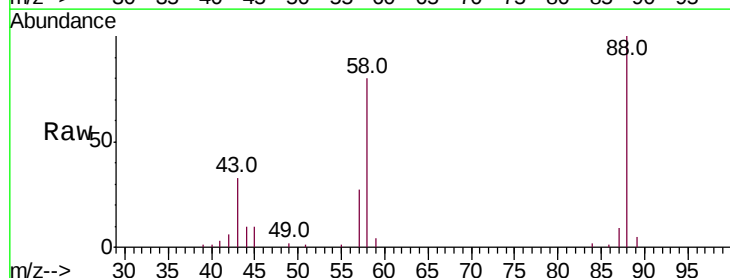
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



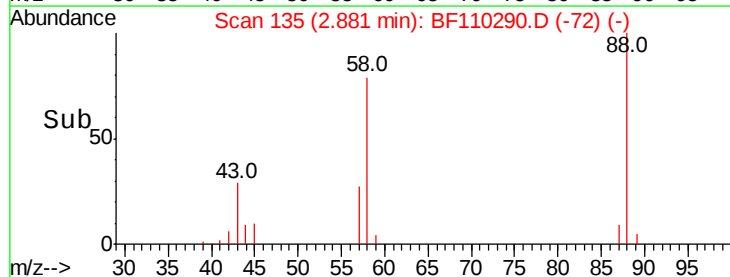
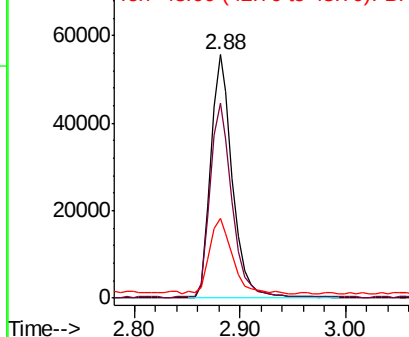
#2

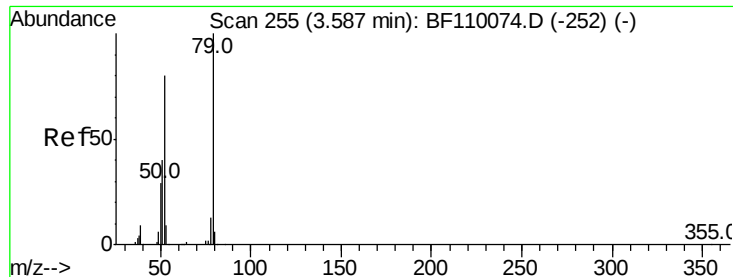
1,4-Dioxane
Concen: 26.723 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.07 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.7	57.1	85.7
43	32.7	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: 31.206 ng

RT: 3.66 min Scan# 268

Delta R.T. 0.07 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

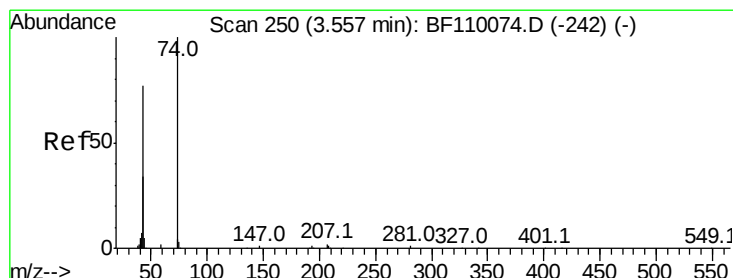
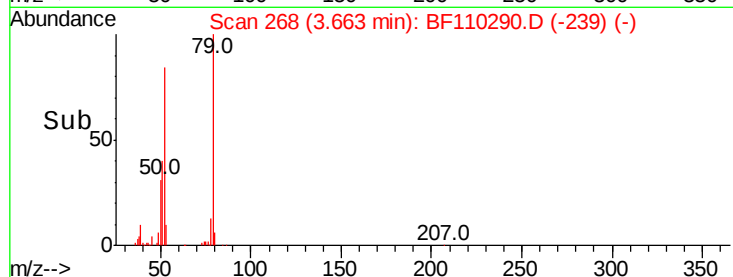
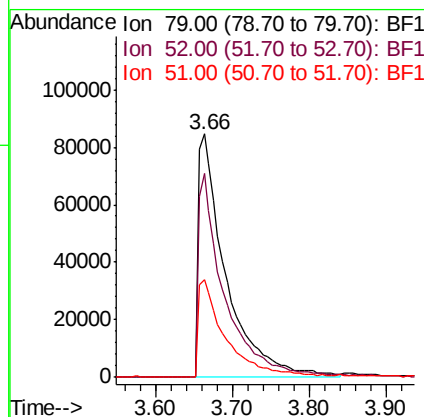
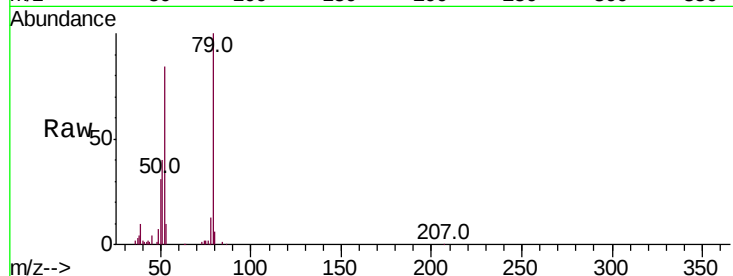
ClientSampleId :

DL-SED-01MS

Tot Ion:	79	Resp:	209738
Ion Ratio	Lower	Upper	
79	100		
52	83.5	53.1	79.7#
51	40.2	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 41.988 ng

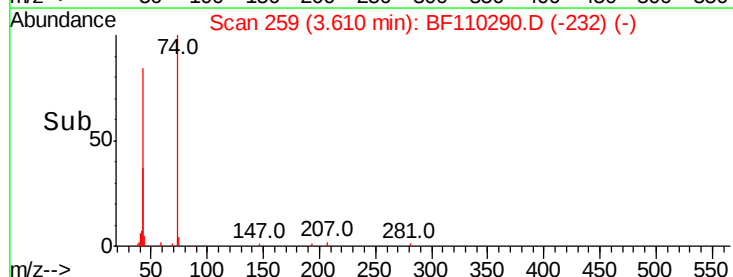
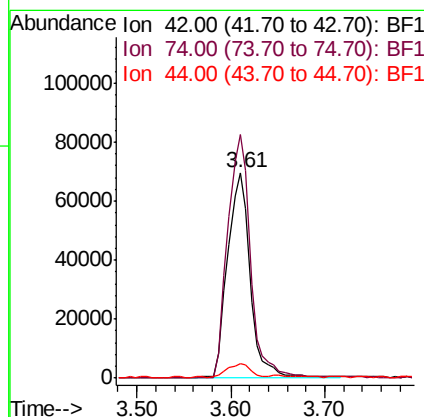
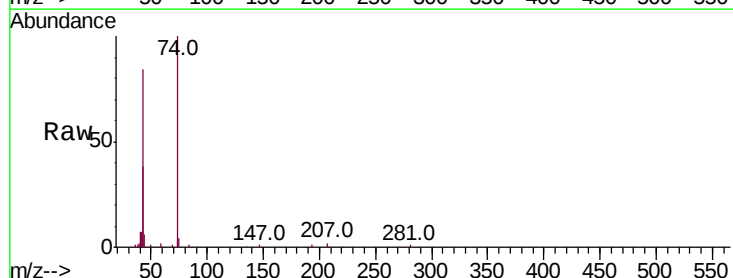
RT: 3.61 min Scan# 259

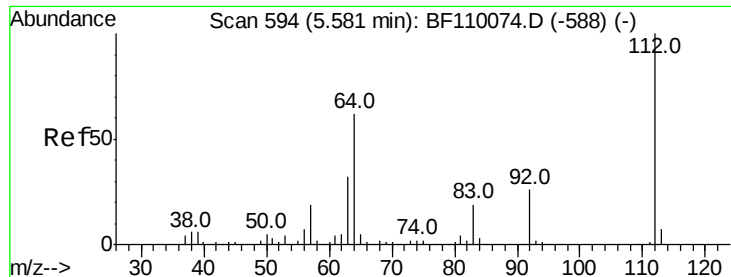
Delta R.T. 0.06 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:	42	Resp:	118233
Ion Ratio	Lower	Upper	
42	100		
74	118.5	105.5	158.3
44	7.0	4.9	7.3





#5

2-Fluorophenol

Concen: 121.779 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.02 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

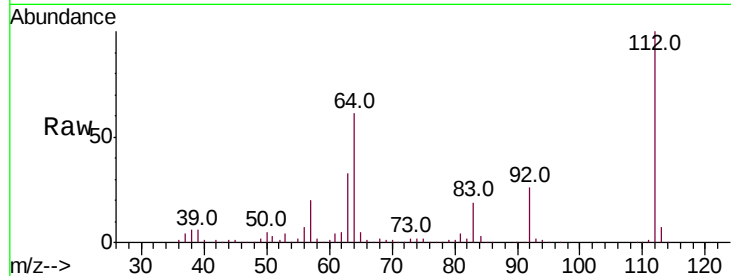
ClientSampleId :

DL-SED-01MS

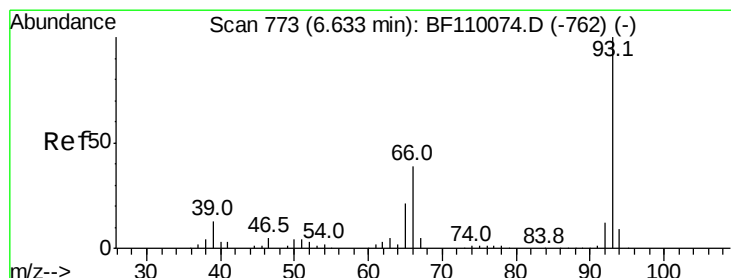
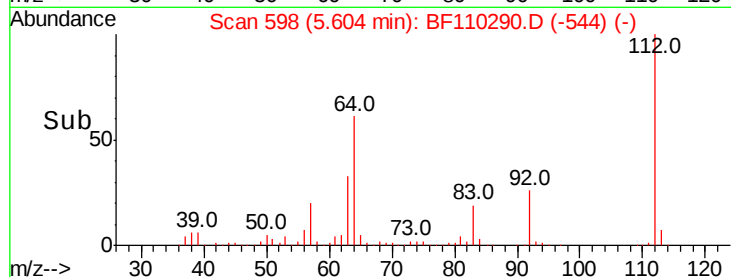
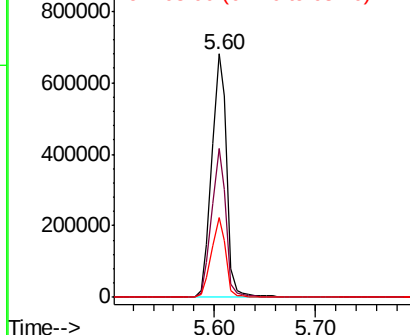
Tot Ion:	112	Resp:	701394
Ion Ratio	Lower	Upper	
112	100		
64	61.1	44.1	66.1
63	32.5	23.7	35.5

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 10.539 ng

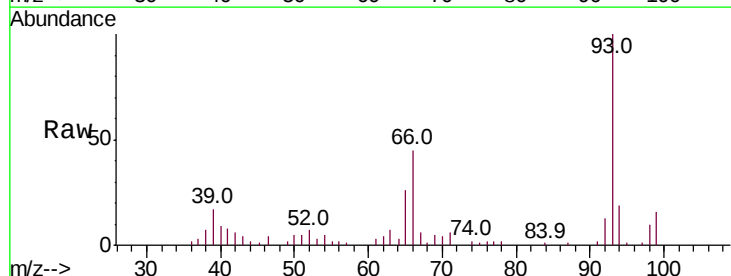
RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

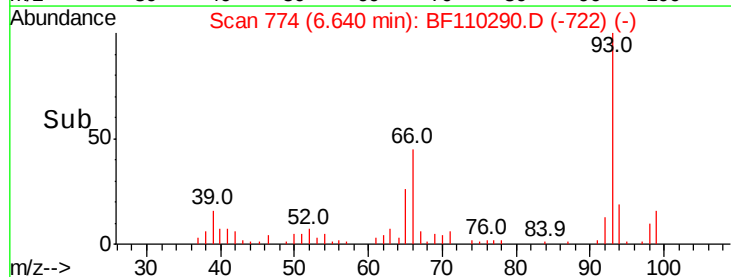
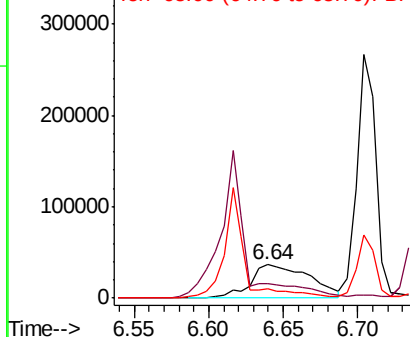
Lab File: BF110290.D

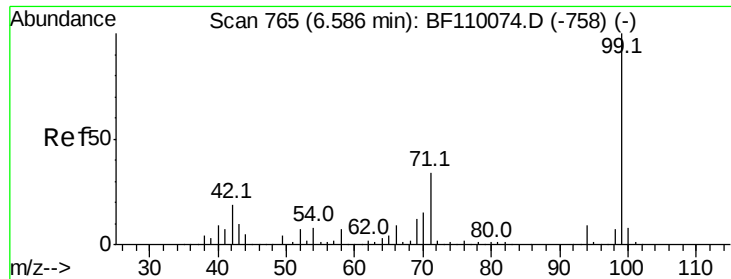
Acq: 30 Oct 2018 4:03

Tgt Ion:	93	Resp:	101137
Ion Ratio	Lower	Upper	
93	100		
66	44.6	67.4	101.0#
65	26.1	41.0	61.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.558 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

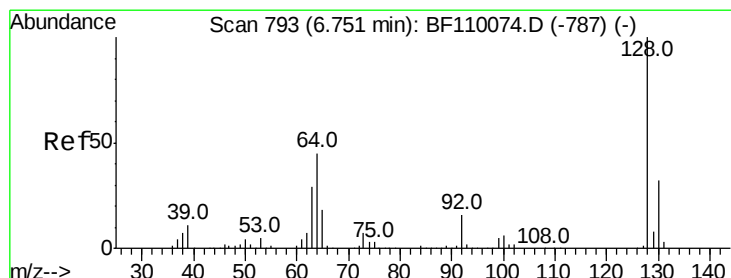
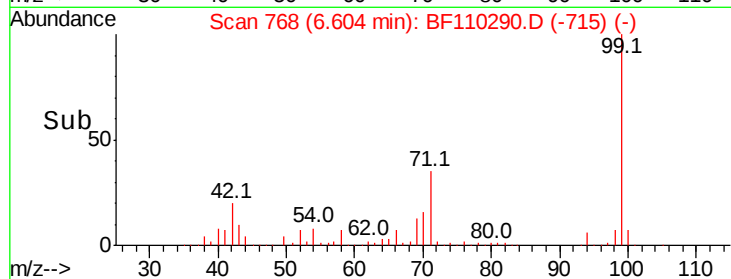
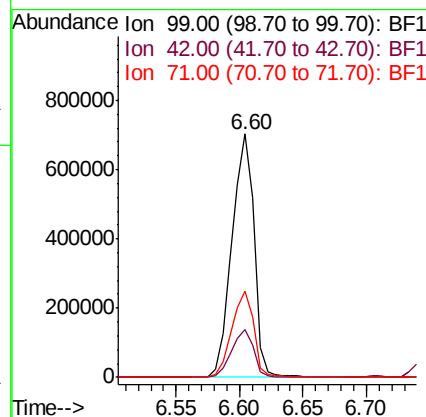
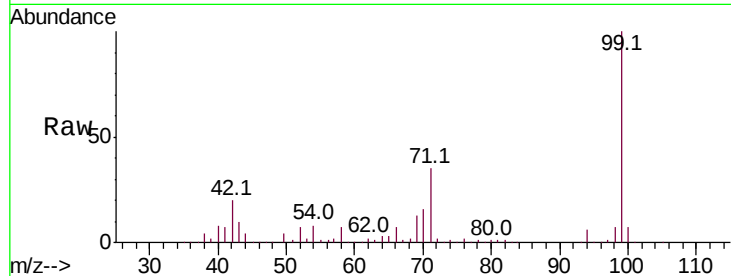
ClientSampleId :

DL-SED-01MS

Tot Ion:	99	Resp:	843942
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.8	23.6
71	35.5	28.0	42.0

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#8

2-Chlorophenol

Concen: 35.434 ng

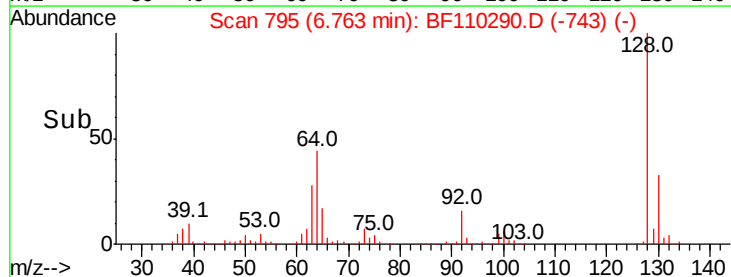
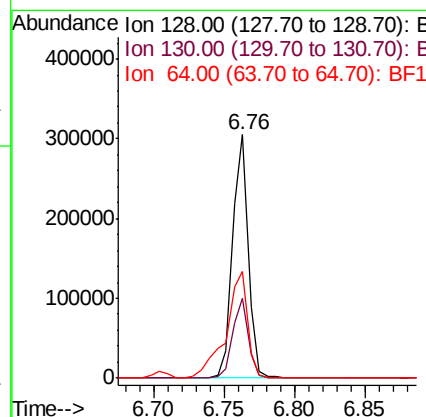
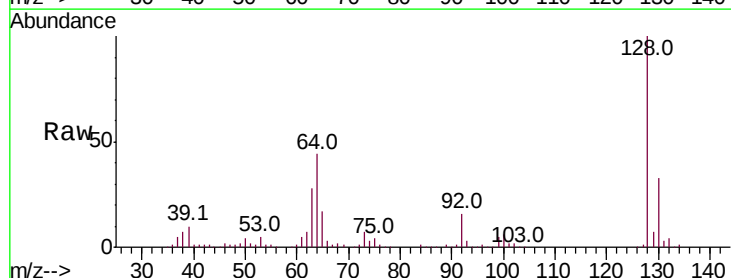
RT: 6.76 min Scan# 795

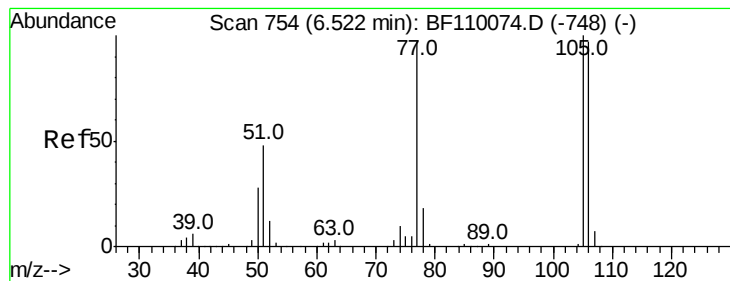
Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:	128	Resp:	235295
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.1	53.1
64	43.8	26.0	66.0





#9

Benzaldehyde

Concen: 23.039 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

DL-SED-01MS

Tot Ion: 77 Resp: 111325

Ion Ratio Lower Upper

77 100

105 110.0 78.6 118.6

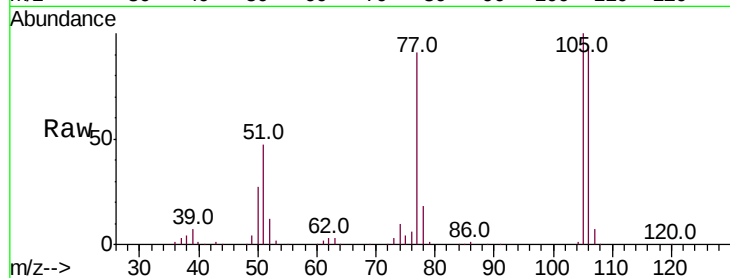
106 102.8 74.8 114.8

Manual Integrations

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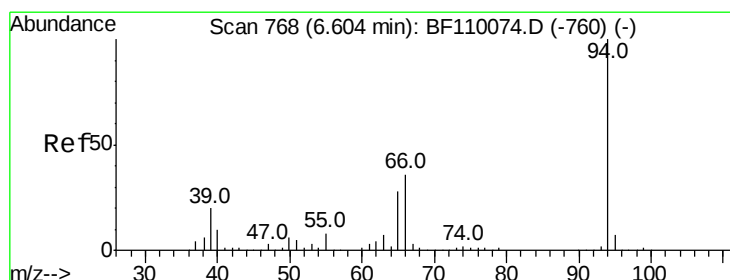
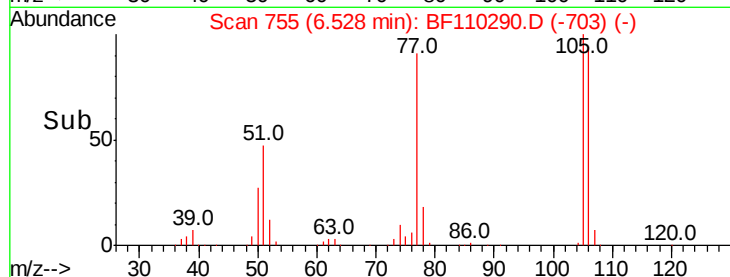
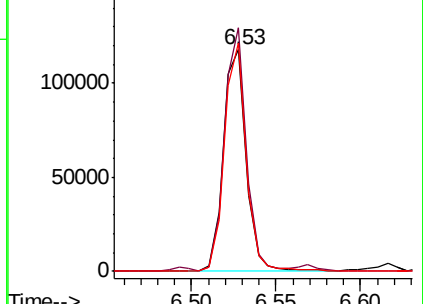
10/30/2018 3:04:41 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 39.789 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

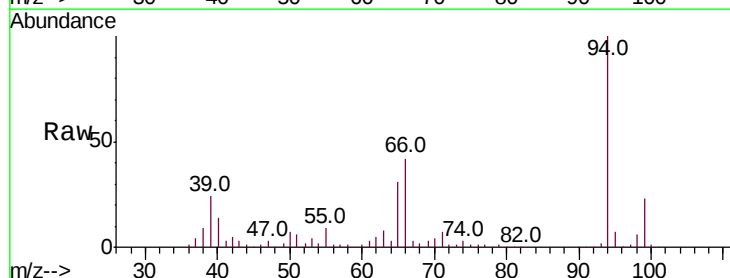
Tgt Ion: 94 Resp: 313330

Ion Ratio Lower Upper

94 100

65 31.2 25.3 65.3

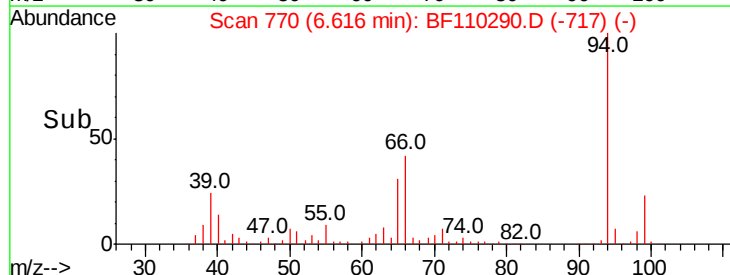
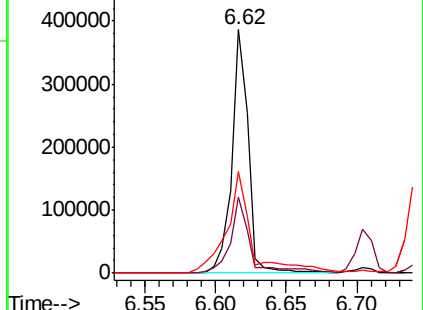
66 41.7 54.5 94.5#

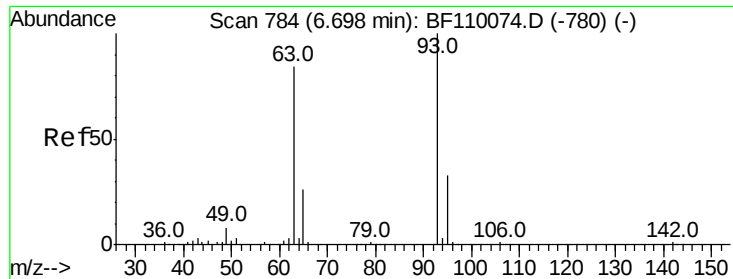


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.075 ng

RT: 6.70 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

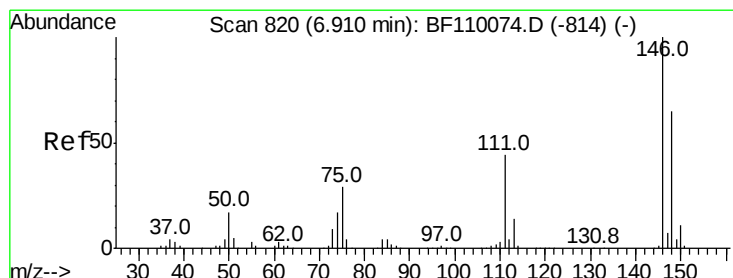
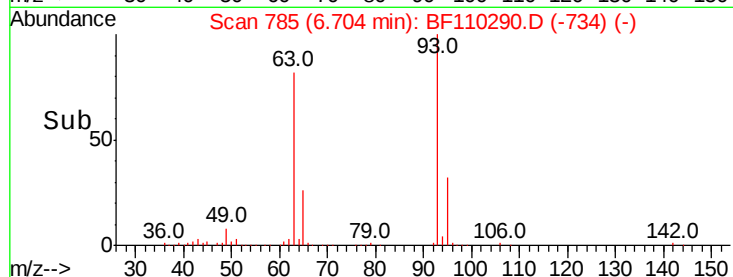
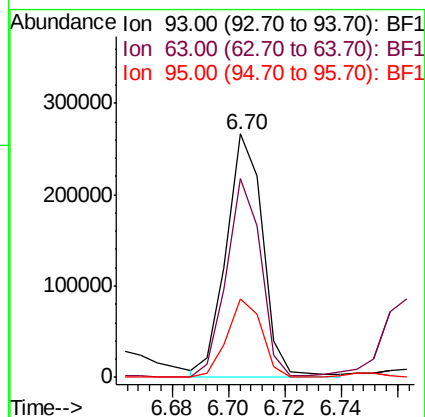
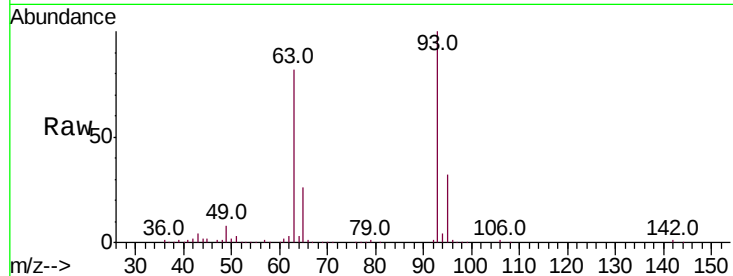
ClientSampleId :

DL-SED-01MS

Tot Ion	93	Resp	240199
Ion Ratio	Lower	Upper	
93	100		
63	81.7	53.4	93.4
95	32.3	12.1	52.1

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#12

1,3-Dichlorobenzene

Concen: 35.152 ng

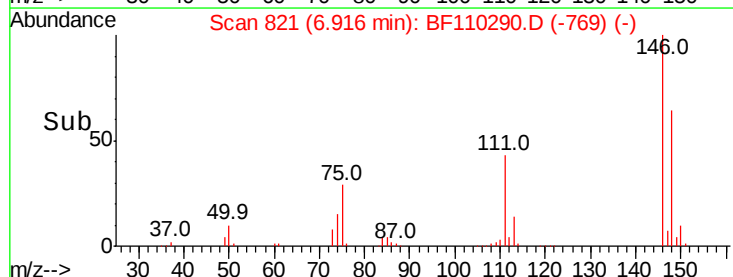
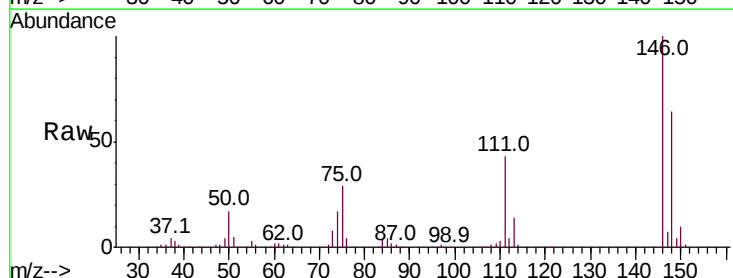
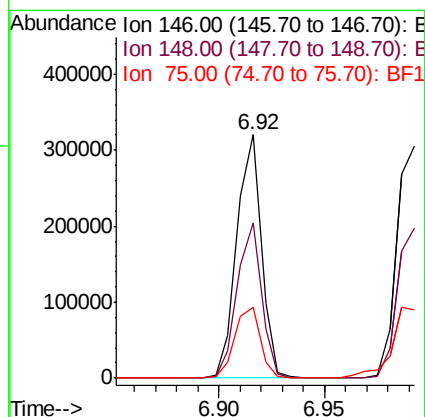
RT: 6.92 min Scan# 821

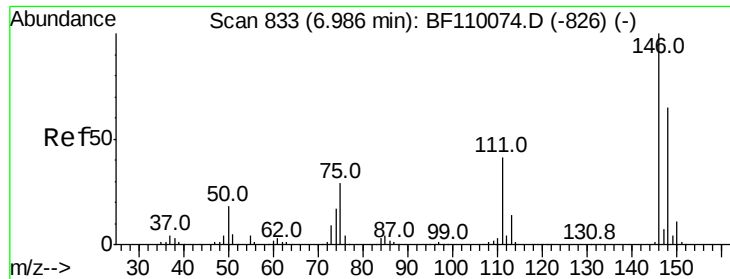
Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion	146	Resp	256878
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.4	75.6
75	29.3	25.8	38.6





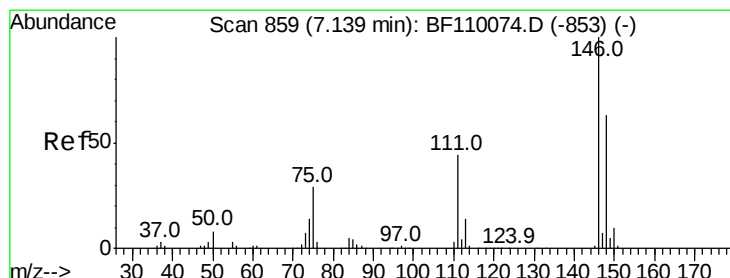
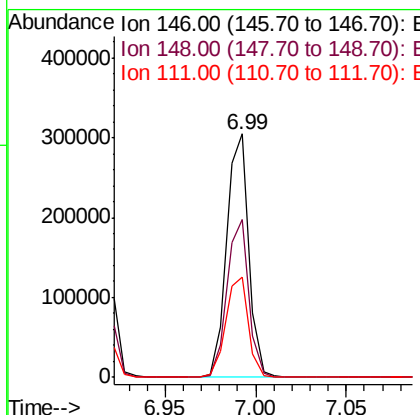
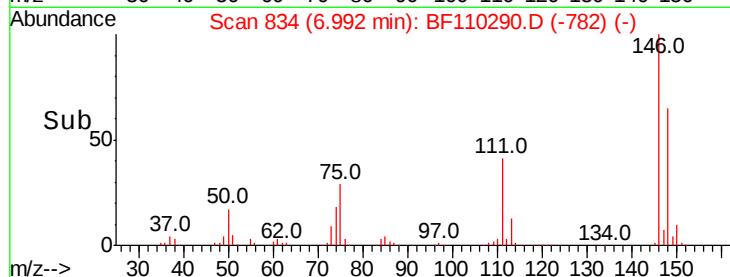
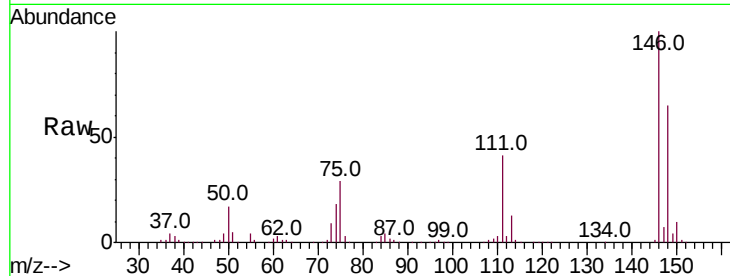
#13
 1,4-Dichlorobenzene
 Concen: 34.915 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :
 DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.3	75.5
111	40.9	32.7	49.1

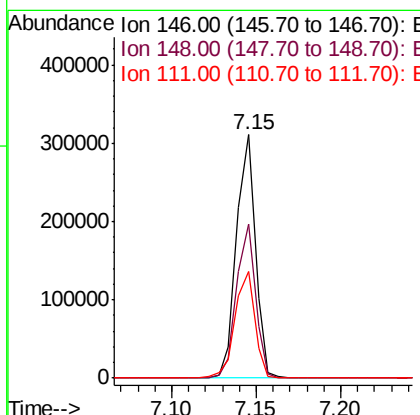
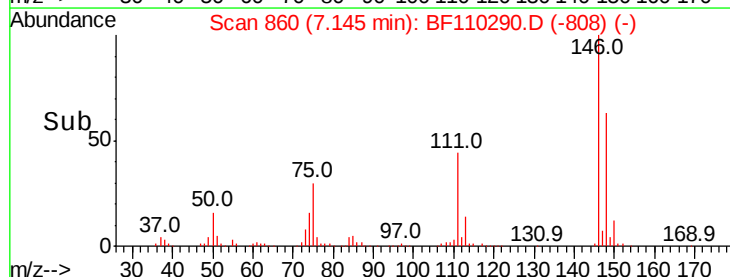
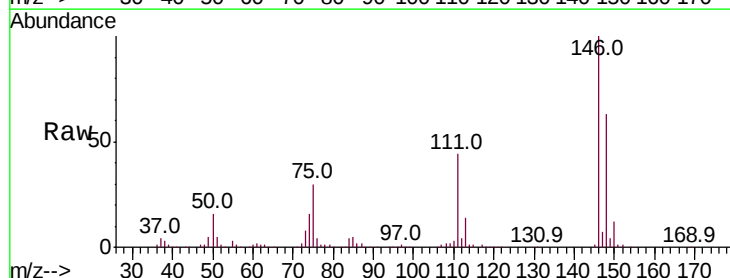
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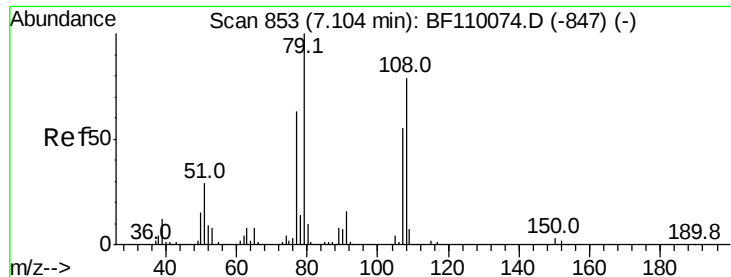
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 35.251 ng
 RT: 7.15 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.1	76.7
111	43.8	35.8	53.6





#15

Benzyl Alcohol

Concen: 34.661 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

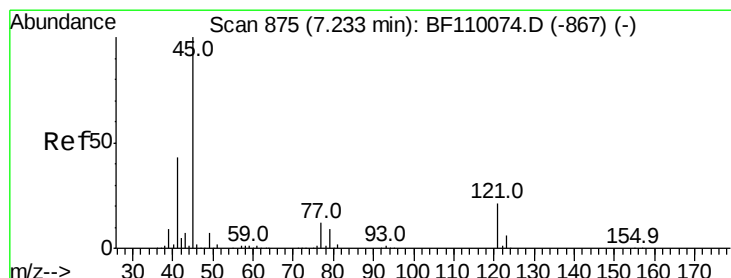
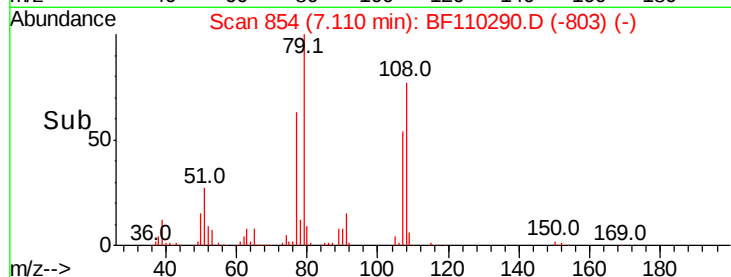
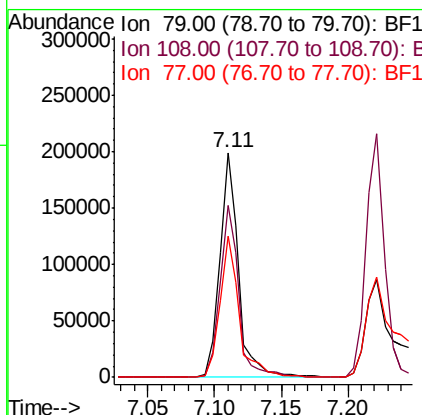
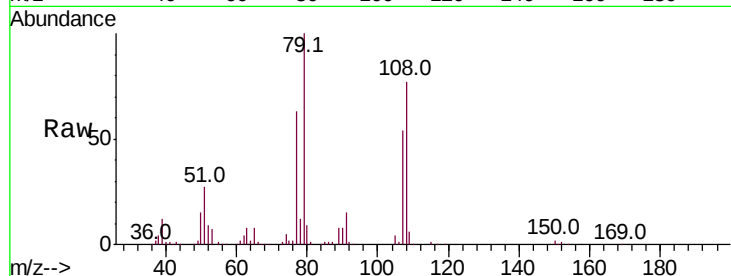
ClientSampleId :

DL-SED-01MS

Tot Ion:	79	Resp:	196394
Ion Ratio	Lower	Upper	
79	100		
108	76.9	56.3	84.5
77	62.7	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.468 ng

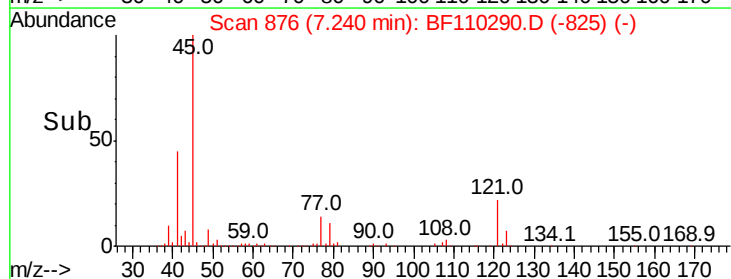
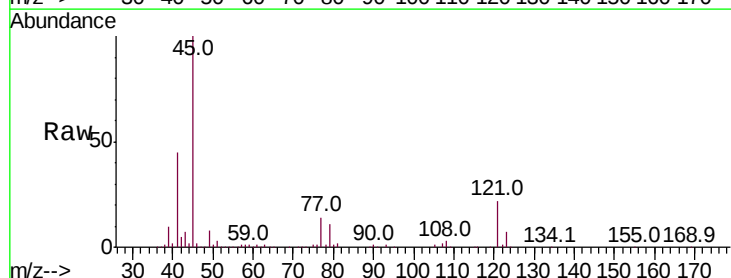
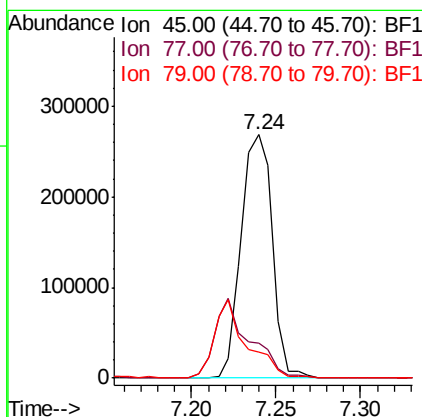
RT: 7.24 min Scan# 876

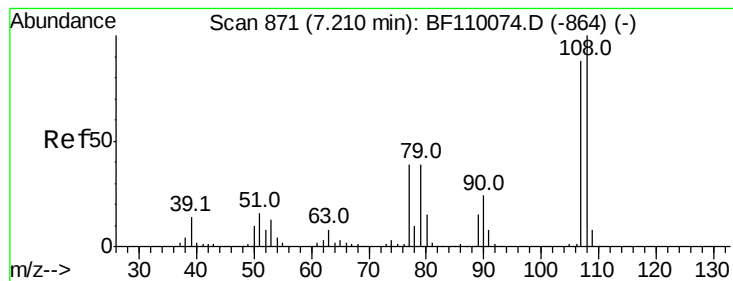
Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:	45	Resp:	346681
Ion Ratio	Lower	Upper	
45	100		
77	14.2	10.0	50.0
79	10.8	6.1	46.1





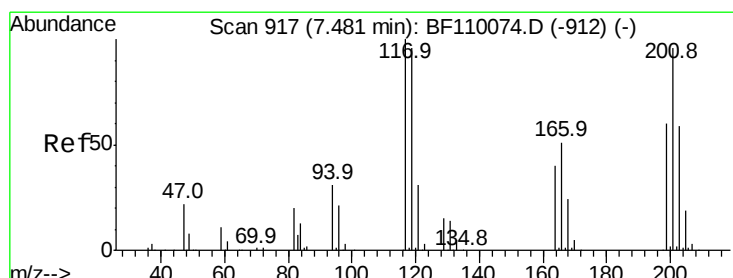
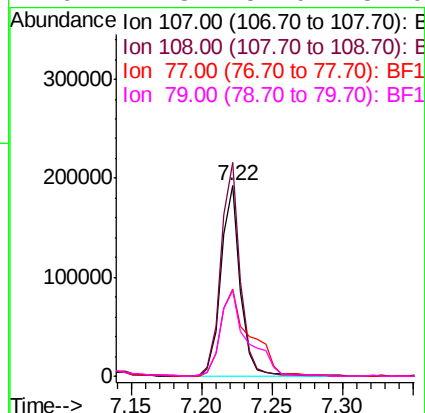
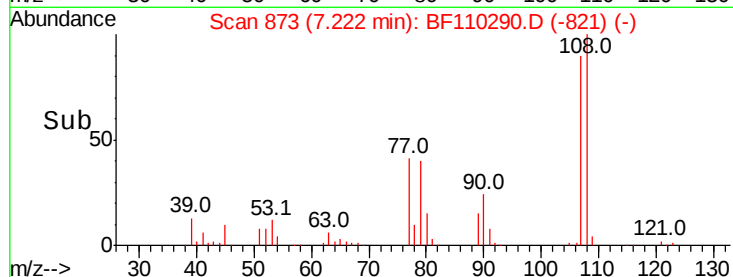
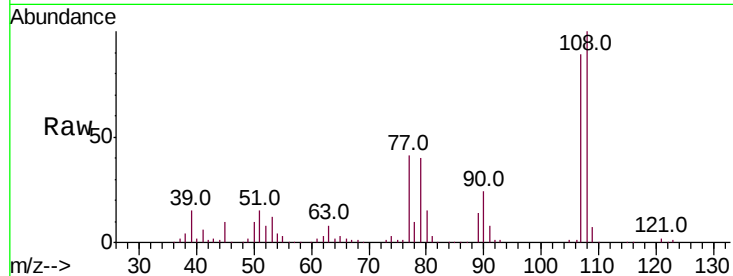
#17
2-Methylphenol
Concen: 34.236 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	112.2	92.6	138.8
77	46.1	59.4	89.2#
79	44.8	54.0	81.0#

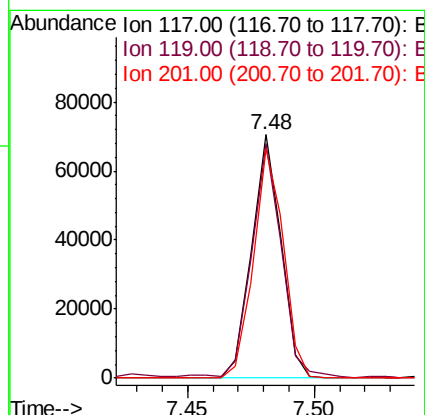
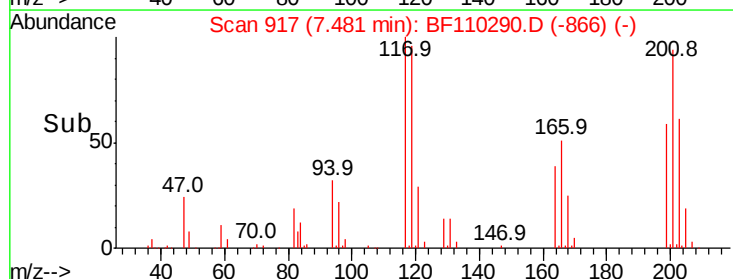
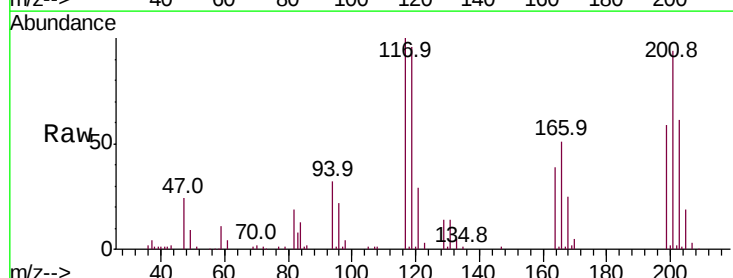
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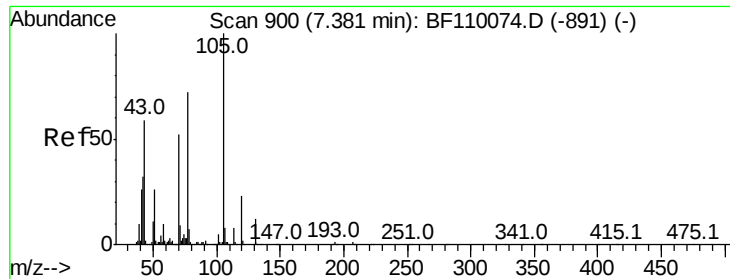
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#18
Hexachloroethane
Concen: 21.052 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	96.4	75.0	112.6
201	94.2	79.2	118.8





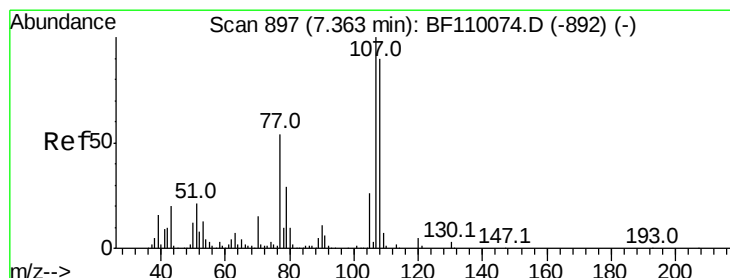
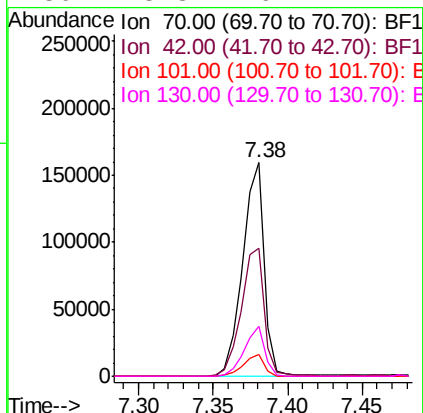
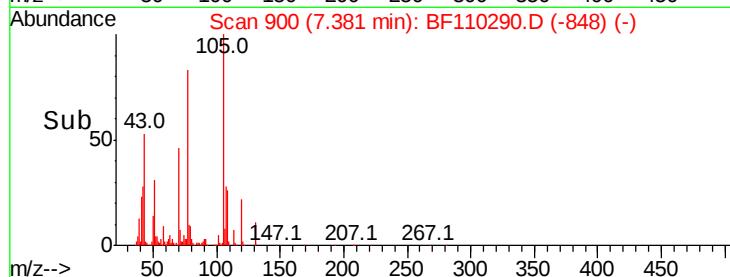
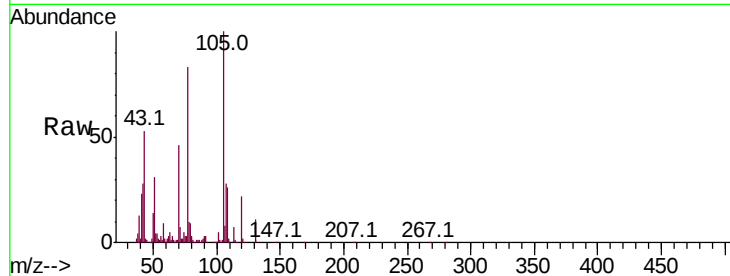
#19
n-Nitroso-di-n-propylamine
Concen: 33.891 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.4	71.2
101	10.1	7.3	10.9
130	23.3	16.2	24.2

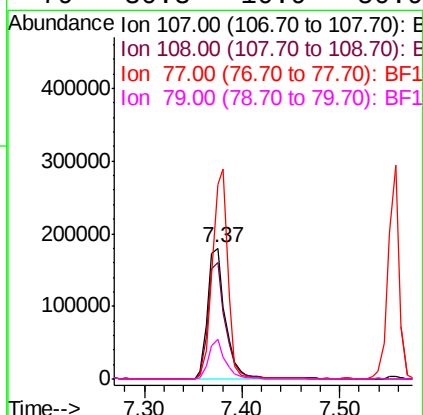
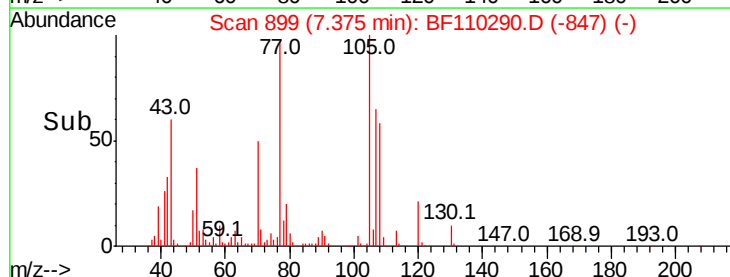
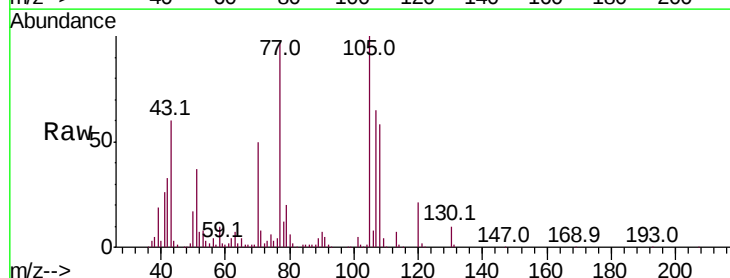
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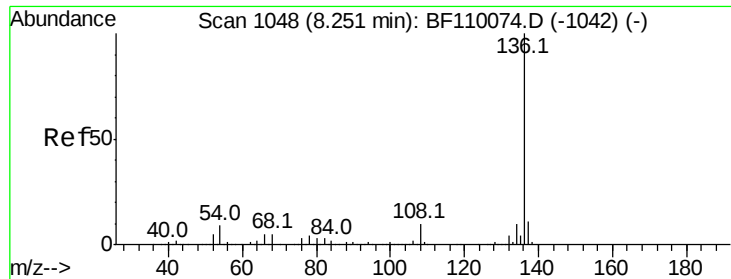
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#20
3+4-Methylphenols
Concen: 33.204 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	71.4	111.4
77	148.5	47.3	87.3#
79	30.3	10.9	50.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

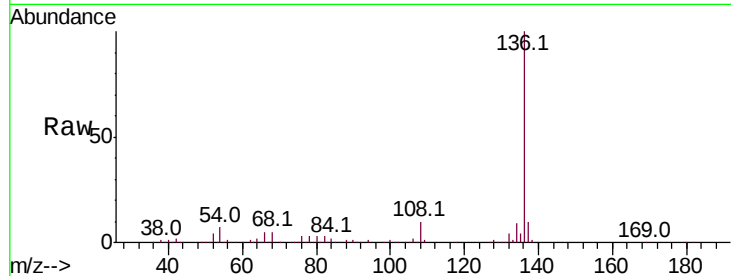
ClientSampleId :

DL-SED-01MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.8	13.2	
54	7.4	5.4	8.2	
68	4.9	4.2	6.2	

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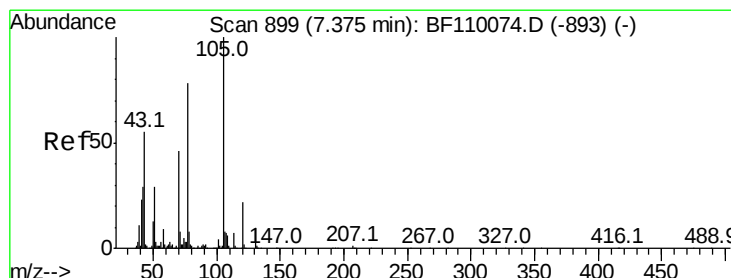
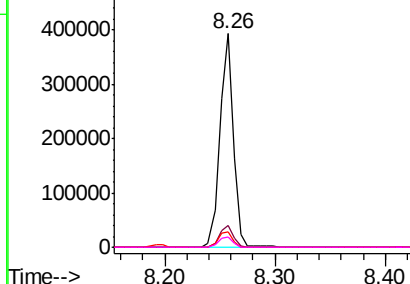
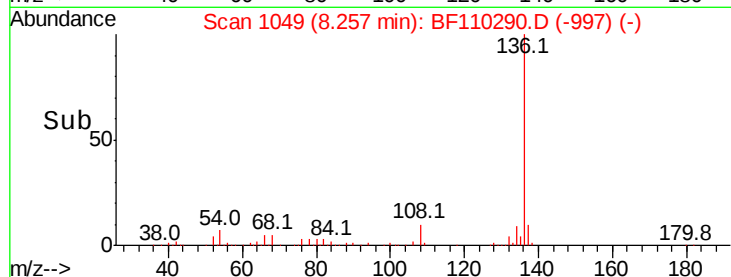
Abundance

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: 42.476 ng

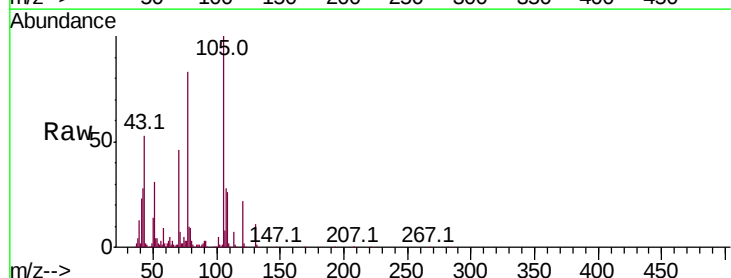
RT: 7.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	5.2	7.8	
51	30.7	21.8	32.8	
120	22.4	17.0	25.4	



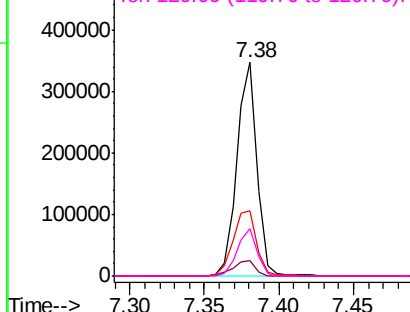
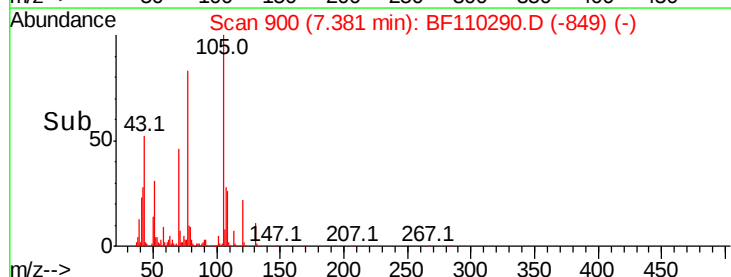
Abundance

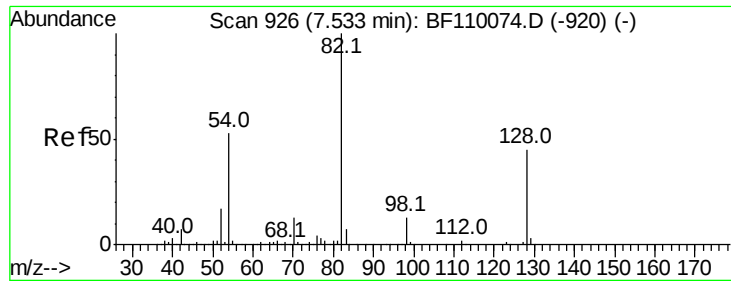
Ion 105.00 (104.70 to 105.70): E

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





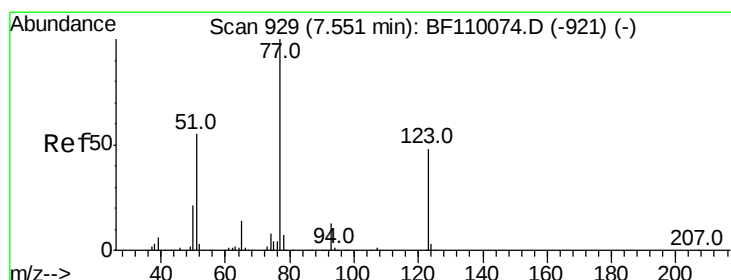
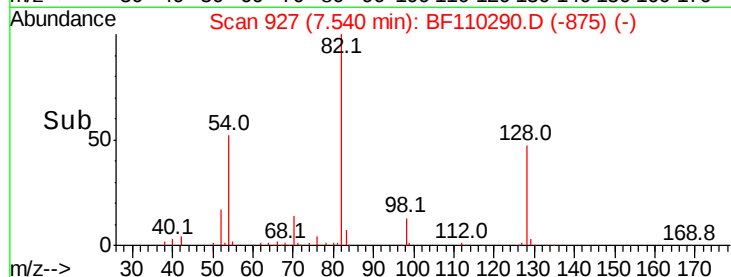
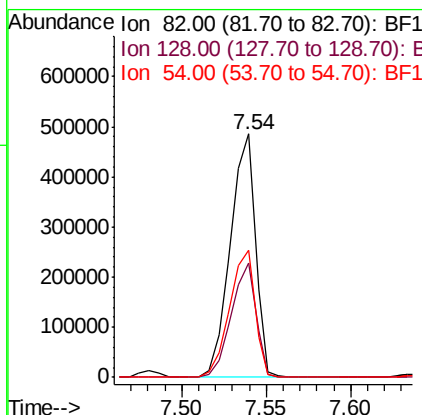
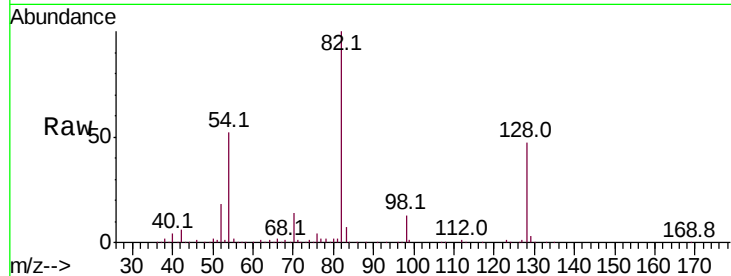
#23
Nitrobenzene-d5
Concen: 89.669 ng
RT: 7.54 min Scan# 927
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.2	51.2
54	52.4	38.6	58.0

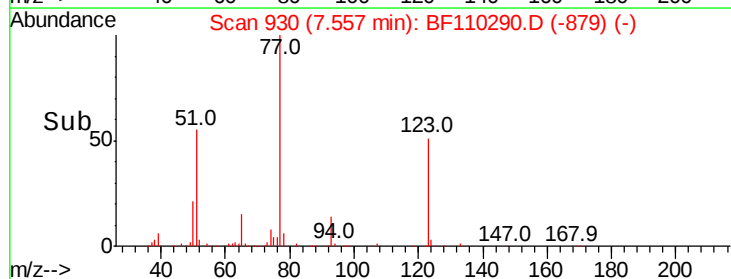
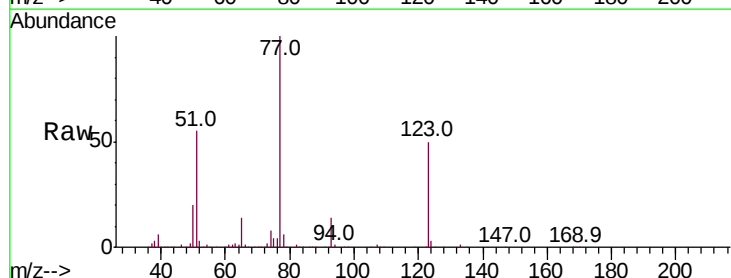
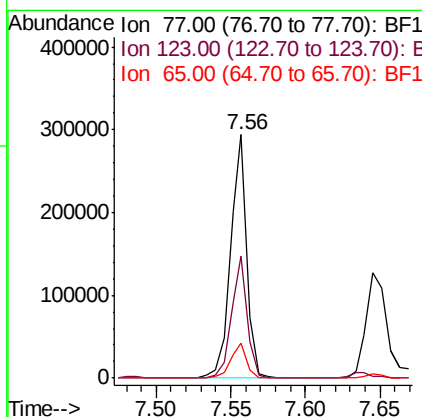
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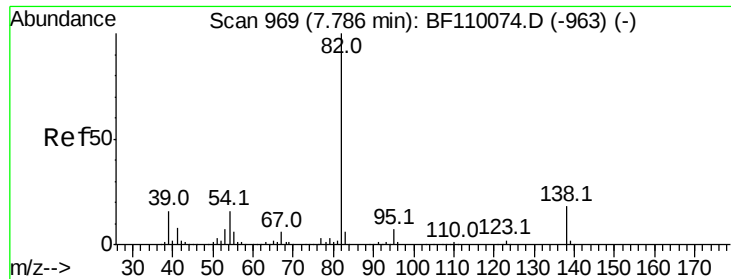
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#24
Nitrobenzene
Concen: 38.751 ng
RT: 7.56 min Scan# 930
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.3	35.7	53.5
65	14.5	10.7	16.1





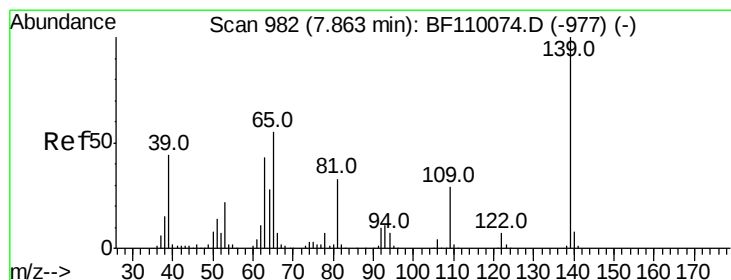
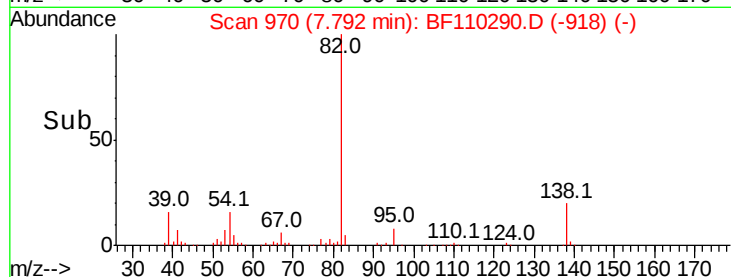
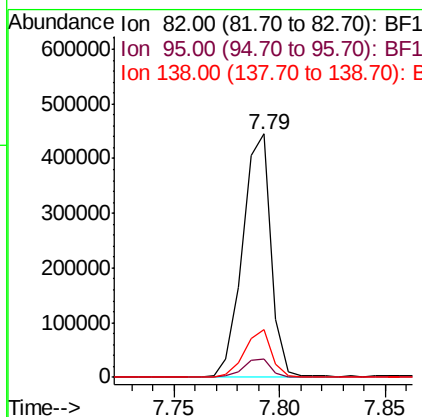
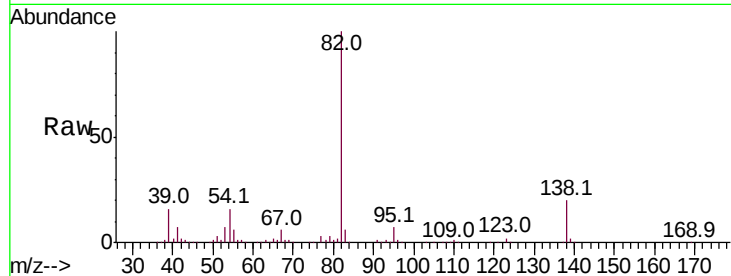
#25
Isophorone
Concen: 43.425 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.7	8.5
138	19.6	13.2	19.8

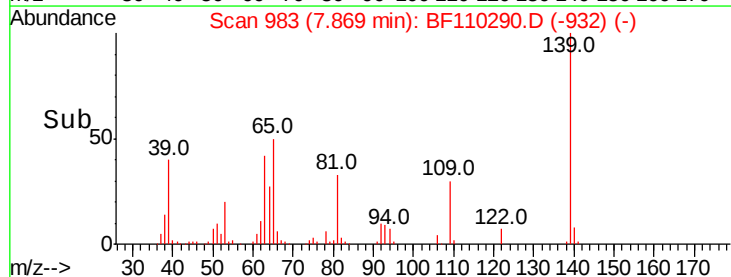
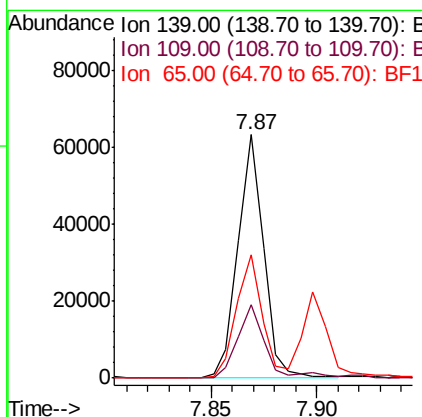
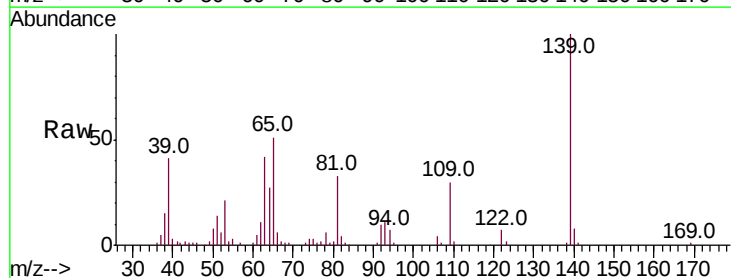
Manual Integrations
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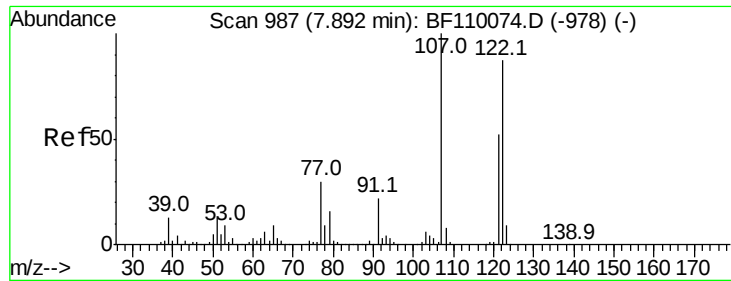
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#26
2-Nitrophenol
Concen: 19.338 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.0	25.0	37.6
65	50.9	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 41.282 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

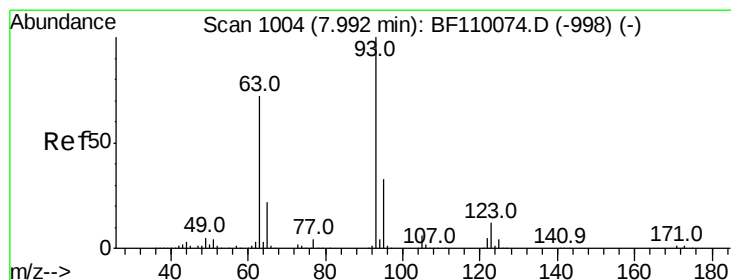
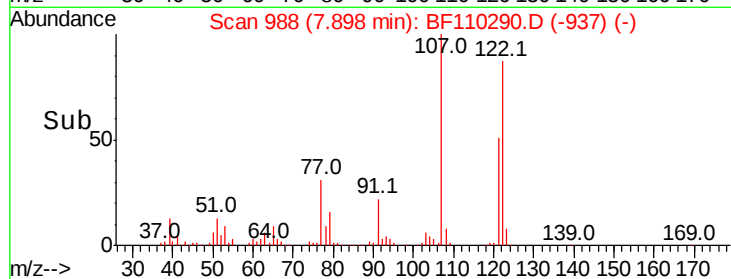
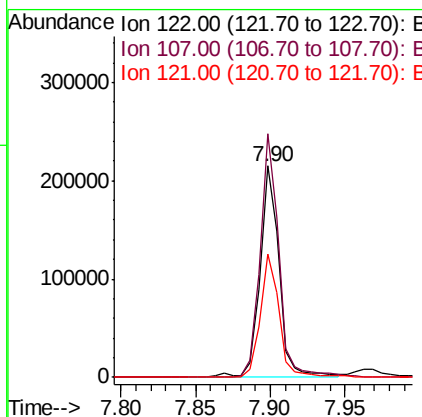
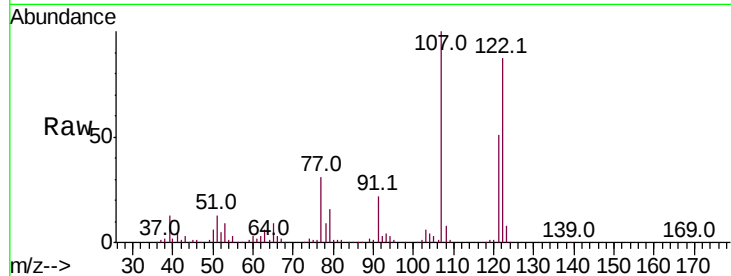
ClientSampleId :

DL-SED-01MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	189117		
107	115.4	92.5	138.7	
121	58.6	45.8	68.8	

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10/30/2018 3:04:41 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.942 ng

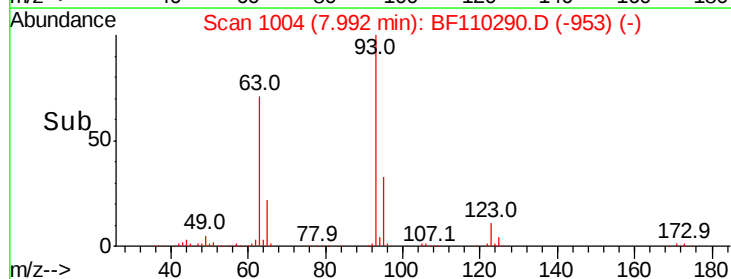
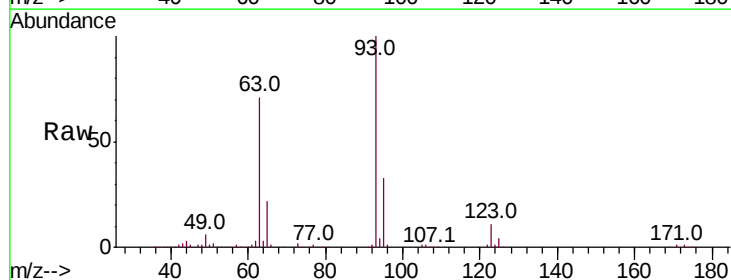
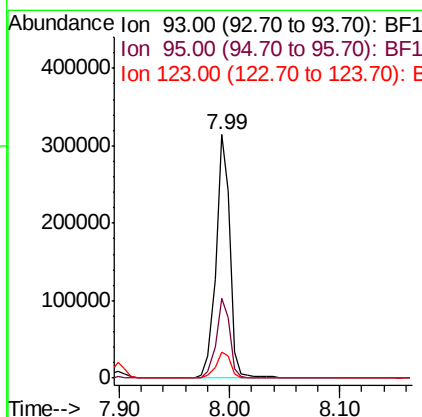
RT: 7.99 min Scan# 1004

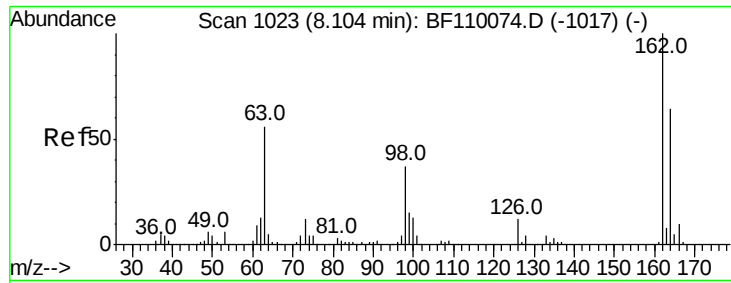
Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	273153		
95	32.6	26.4	39.6	
123	10.9	9.0	13.6	





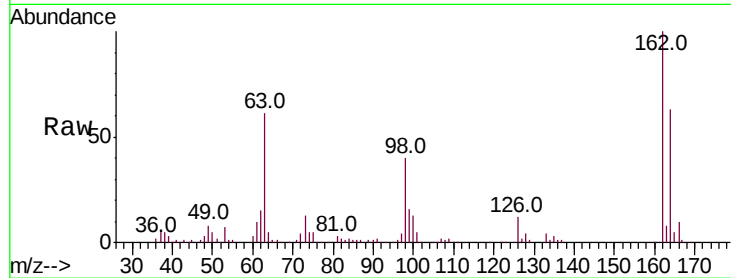
#29
2,4-Dichlorophenol
Concen: 35.973 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

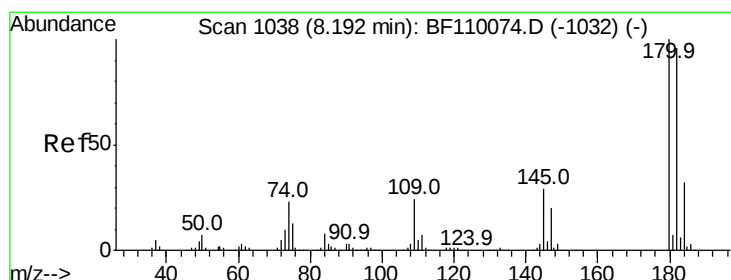
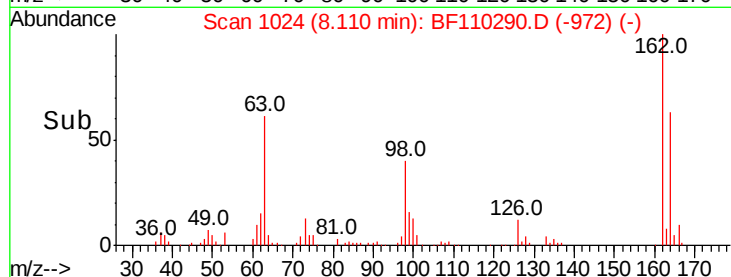
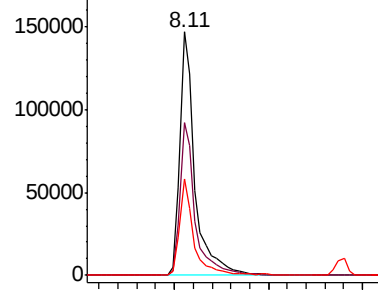
Tot Ion:	162	Resp:	166490
Ion Ratio	Lower	Upper	
162	100		
164	62.8	44.6	84.6
98	39.7	17.4	57.4

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10/30/2018 3:04:41 PM

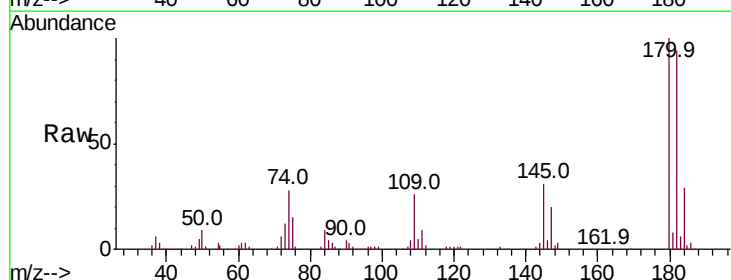


Abundance Ion 162.00 (161.70 to 162.70): E
200000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

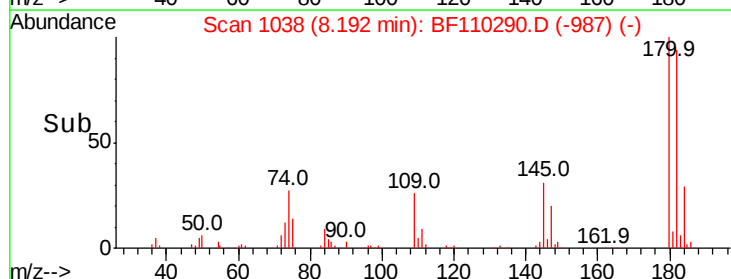
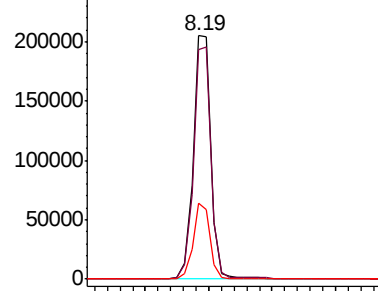


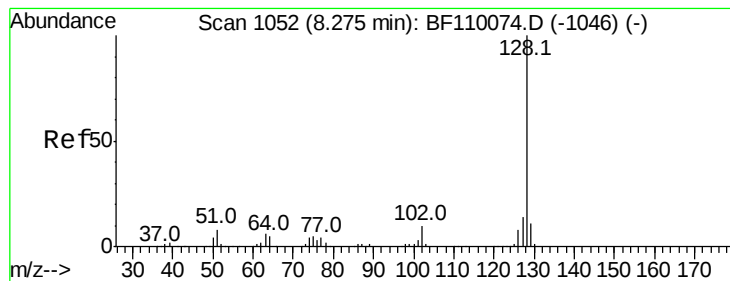
#30
1,2,4-Trichlorobenzene
Concen: 38.485 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion:	180	Resp:	199510
Ion Ratio	Lower	Upper	
180	100		
182	94.1	80.3	120.5
145	31.0	25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
250000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.675 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

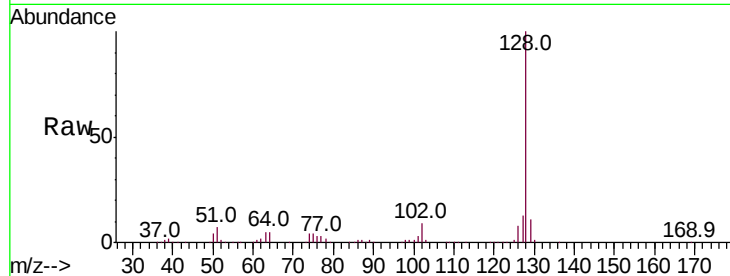
ClientSampleId :

DL-SED-01MS

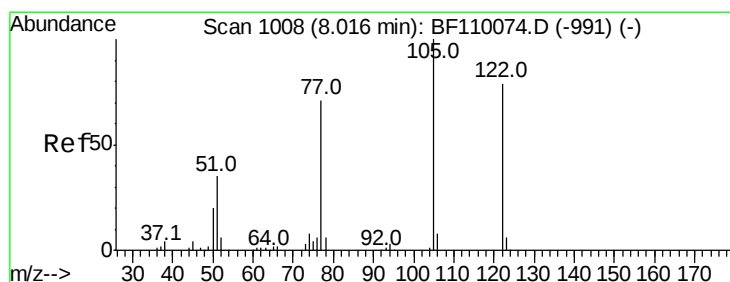
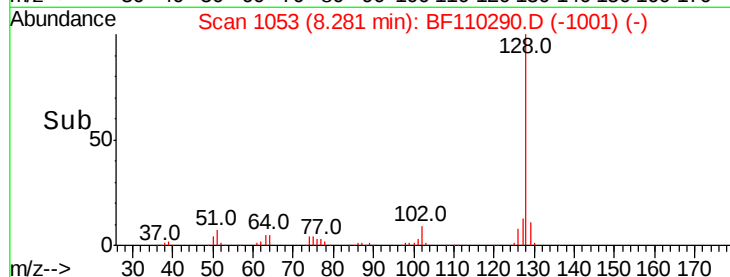
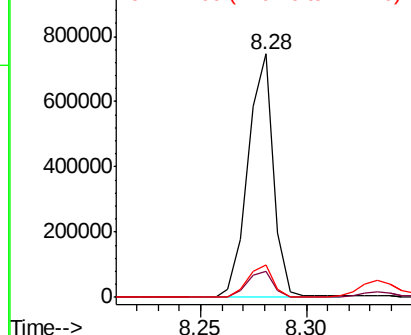
Tot Ion:128	Resp:	625360
Ion Ratio	Lower	Upper
128 100		
129 10.9	8.8	13.2
127 13.3	10.8	16.2

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10/30/2018 3:04:41 PM



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: 3.218 ng

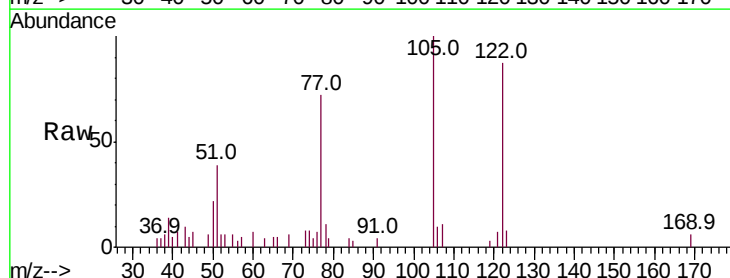
RT: 7.96 min Scan# 999

Delta R.T. -0.05 min

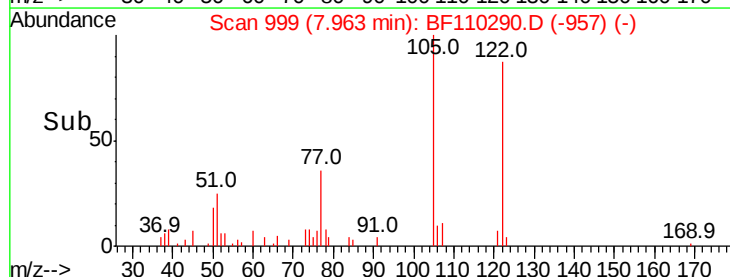
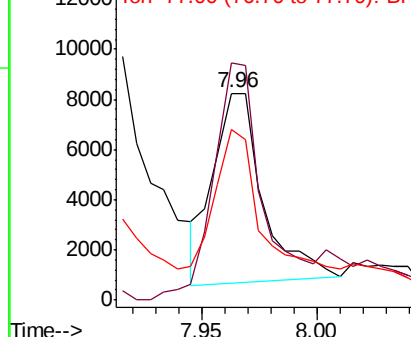
Lab File: BF110290.D

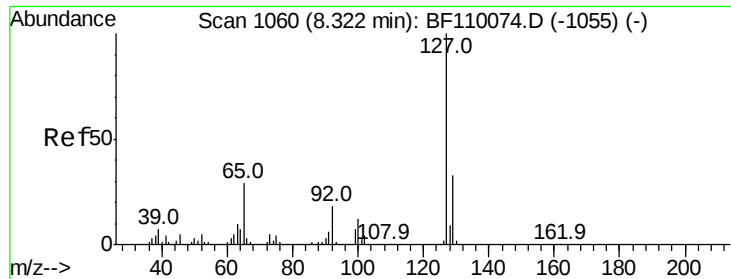
Acq: 30 Oct 2018 4:03

Tgt Ion:122	Resp:	11393
Ion Ratio	Lower	Upper
122 100		
105 114.8	109.0	149.0
77 82.4	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





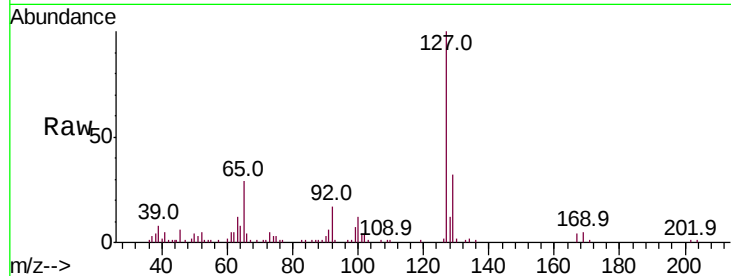
#33
4-Chloroaniline
Concen: 11.340 ng
RT: 8.33 min Scan# 1062
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.0	39.0
65	28.7	25.1	37.7
92	17.2	15.0	22.6

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10/30/2018 3:04:41 PM



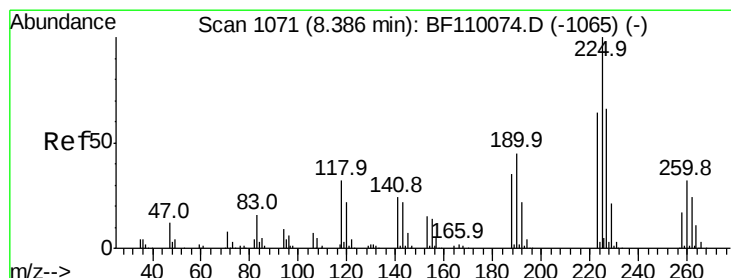
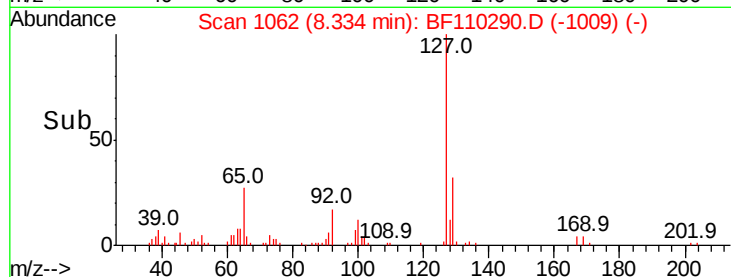
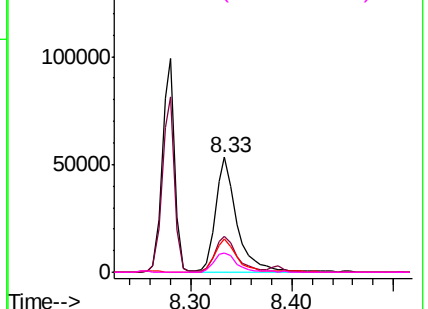
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

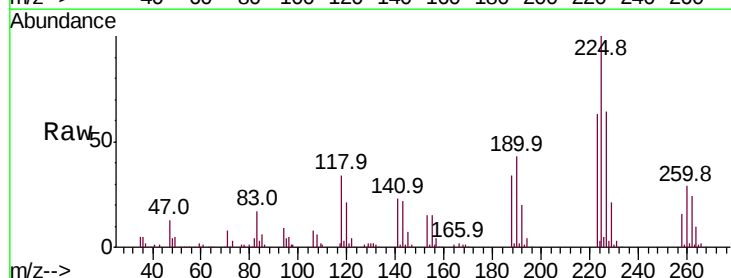
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 38.342 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	51.4	77.2
227	64.3	51.0	76.6

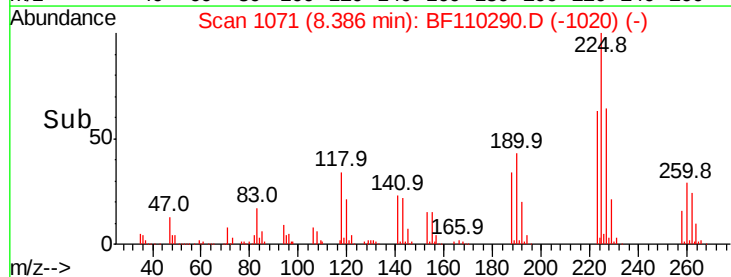
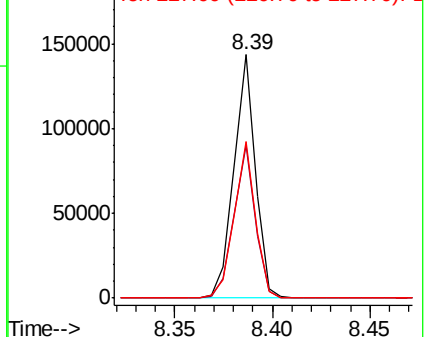


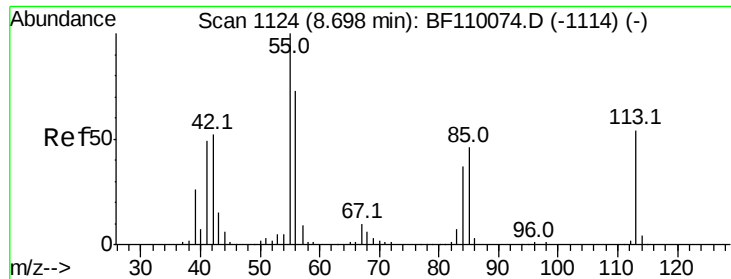
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





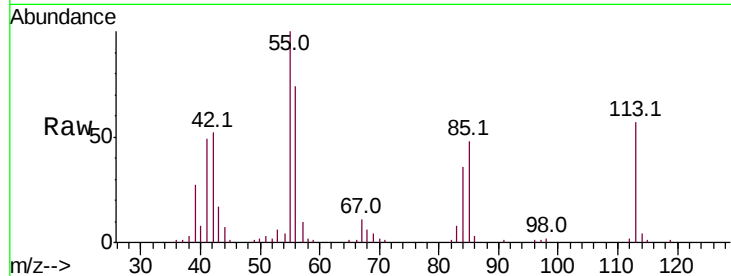
#35
 Caprolactam
 Concen: 27.698 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :
 DL-SED-01MS

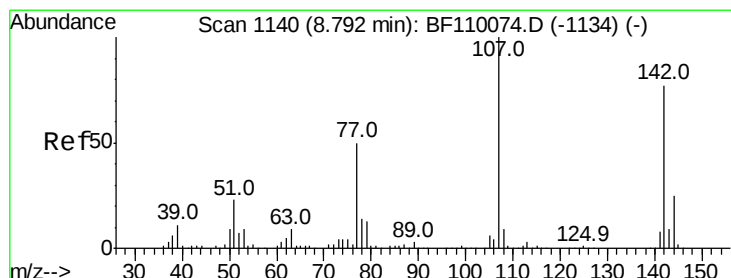
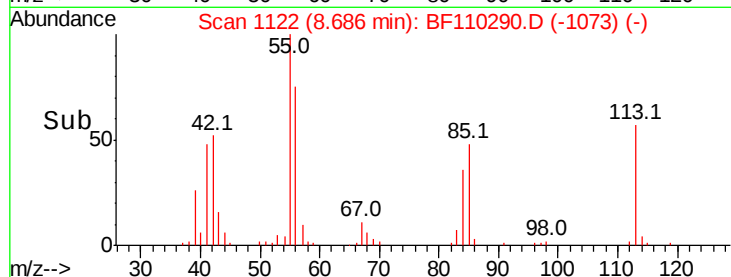
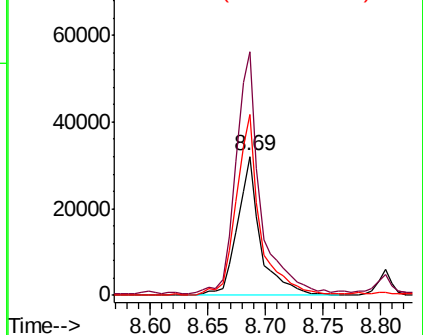
Tot Ion	Ratio	Lower	Upper
113	100		
55	175.1	142.8	182.8
56	130.2	105.0	145.0

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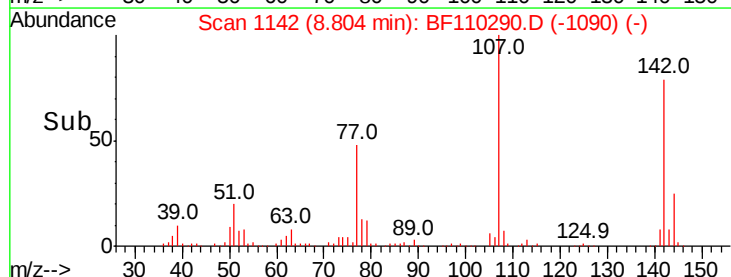
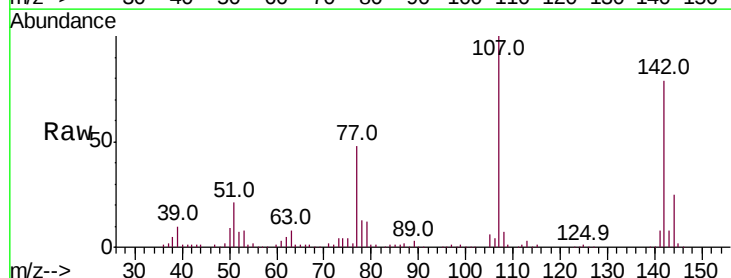
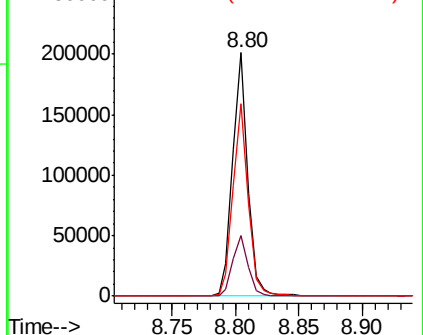
Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

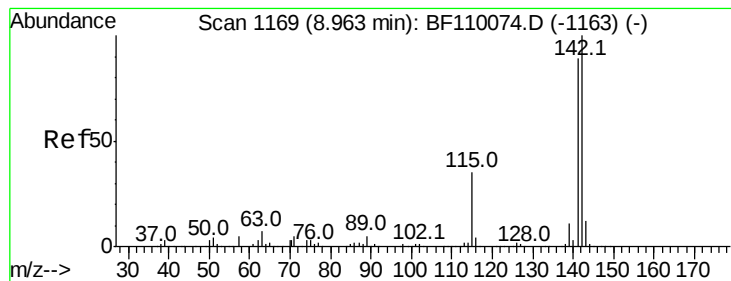


#36
 4-Chloro-3-methylphenol
 Concen: 33.113 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.0	30.0
142	79.1	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





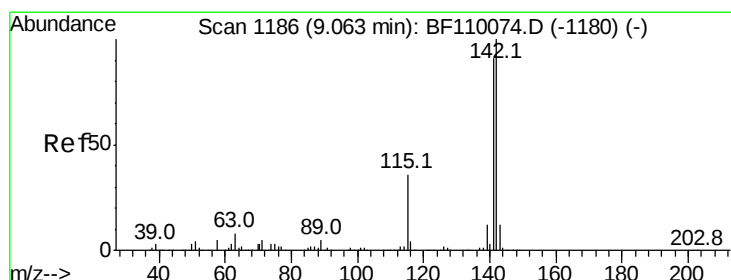
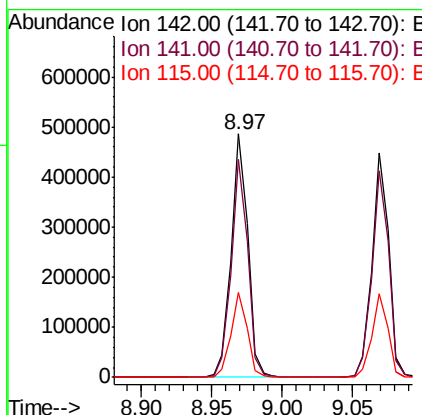
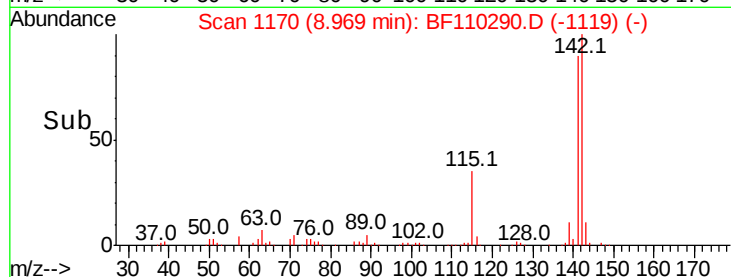
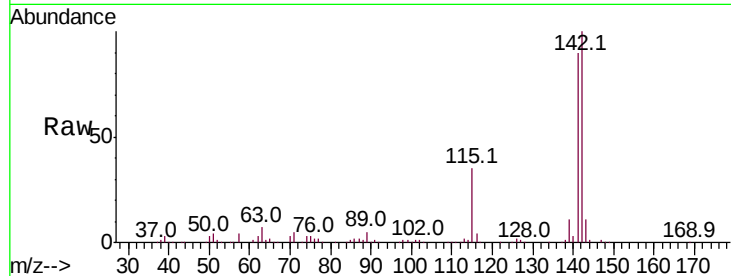
#37
2-Methylnaphthalene
Concen: 39.500 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	34.8	28.7	43.1

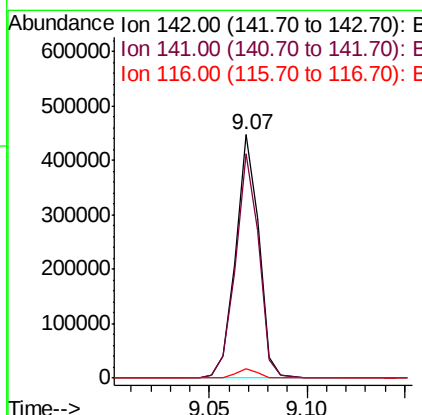
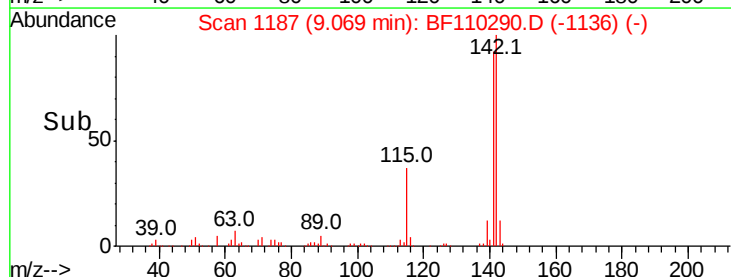
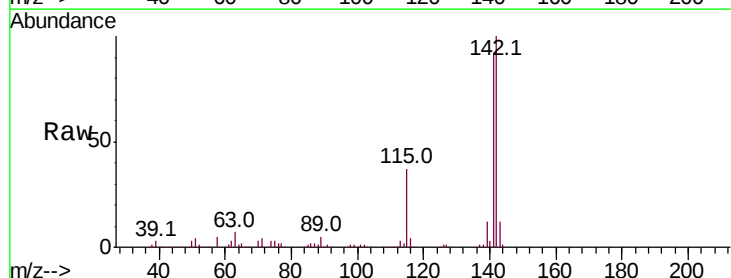
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10/30/2018 3:04:41 PM



#38
1-Methylnaphthalene
Concen: 37.494 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	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: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

ClientSampleId :

DL-SED-01MS

Tot Ion:164 Resp: 130197

Ion Ratio Lower Upper

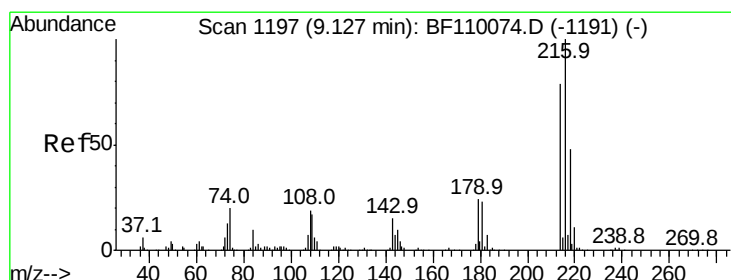
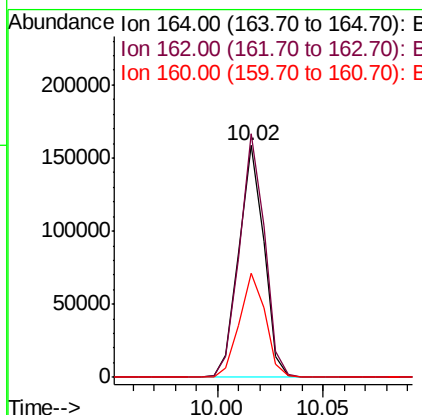
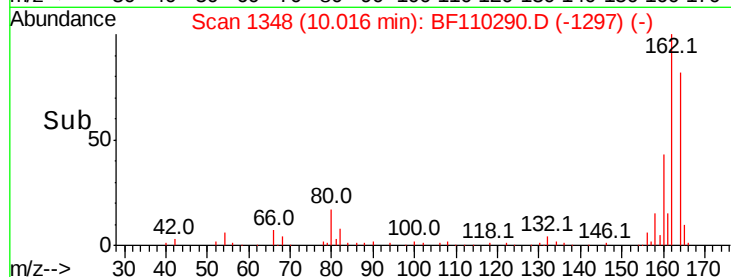
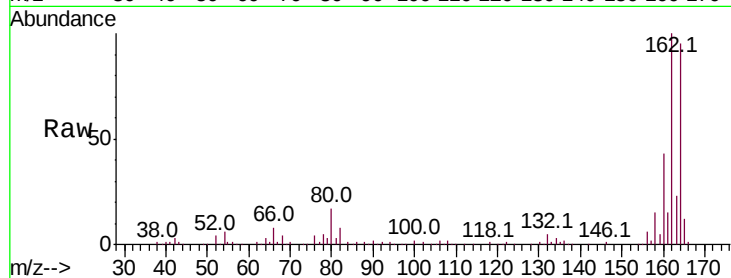
164 100

162 105.0 83.0 124.6

160 45.1 37.0 55.6

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10/30/2018 3:04:41 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.596 ng

RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:216 Resp: 164684

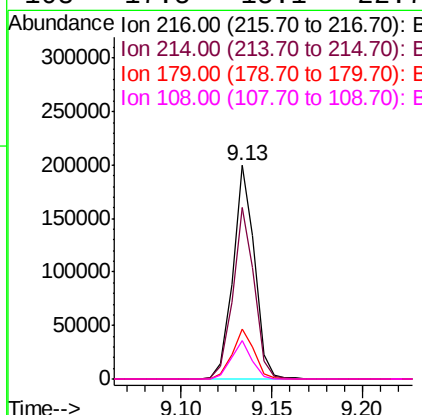
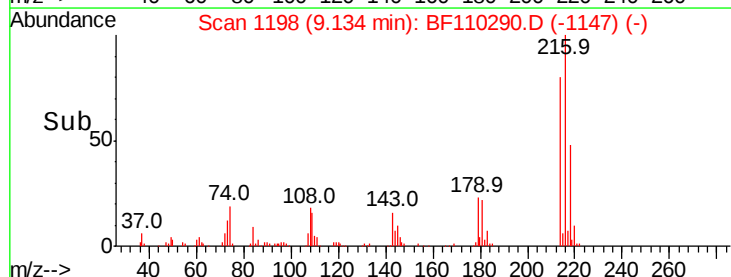
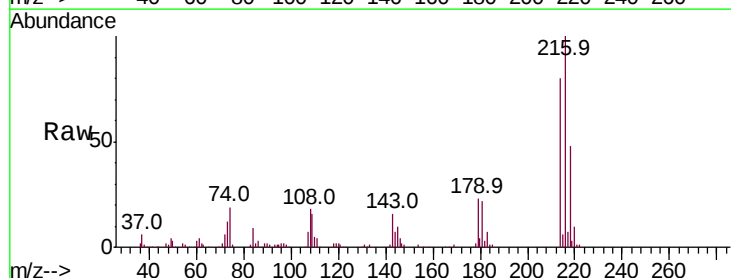
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 23.3 16.6 25.0

108 17.5 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 0.281 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

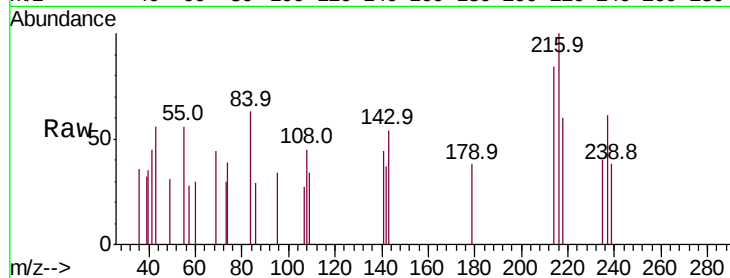
ClientSampleId :

DL-SED-01MS

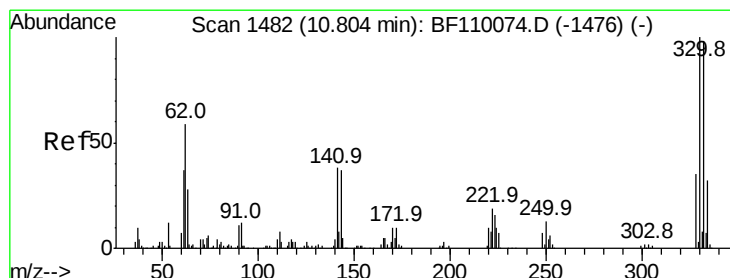
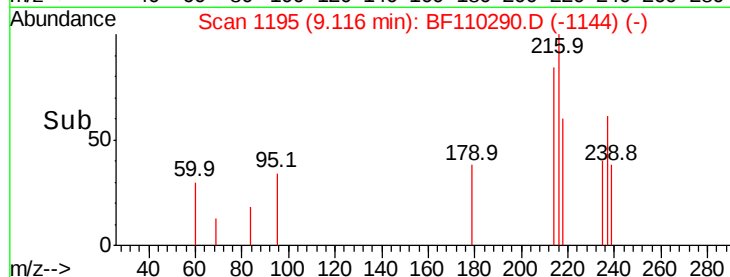
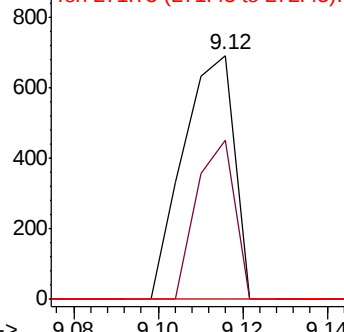
Tot Ion:	237	Resp:	583
Ion Ratio	Lower	Upper	
237	100		
235	65.1	43.1	83.1
272	0.0	0.0	32.6

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10/30/2018 3:04:41 PM



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: 96.188 ng

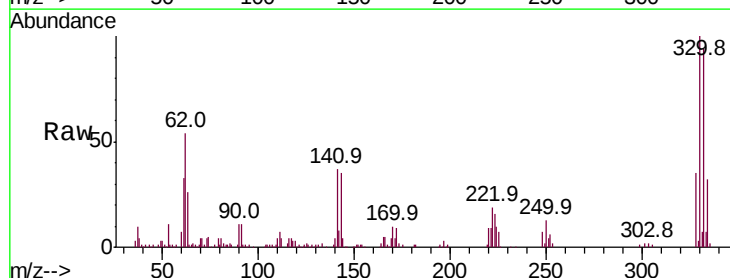
RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

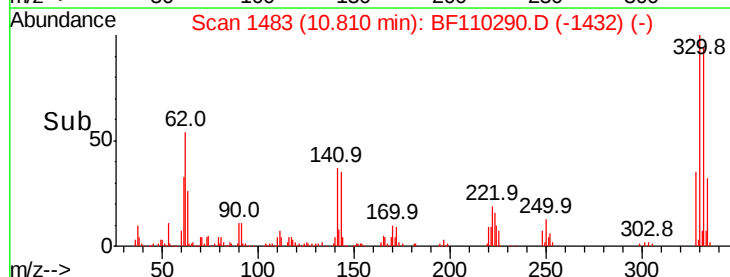
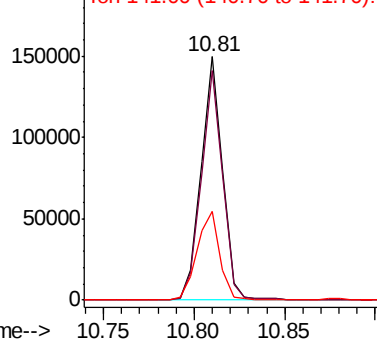
Lab File: BF110290.D

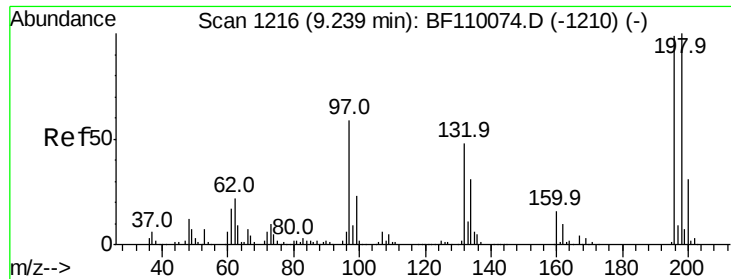
Acq: 30 Oct 2018 4:03

Tgt Ion:	330	Resp:	124052
Ion Ratio	Lower	Upper	
330	100		
332	94.5	77.1	115.7
141	38.8	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





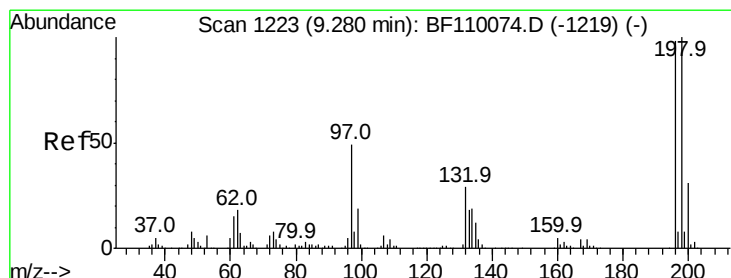
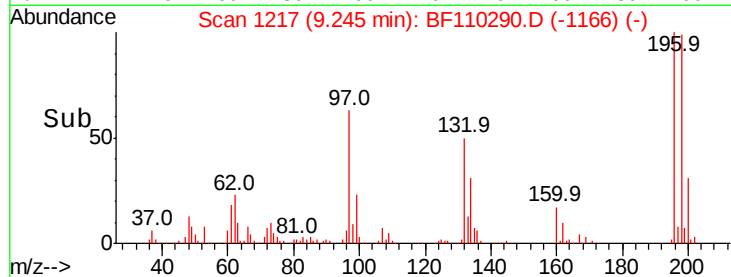
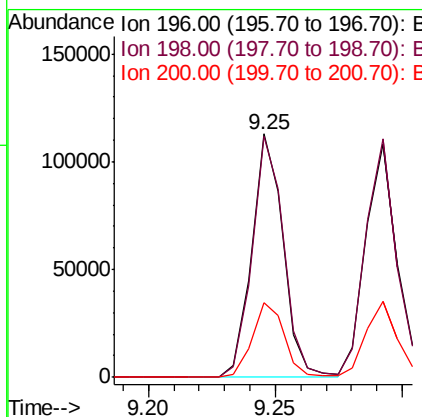
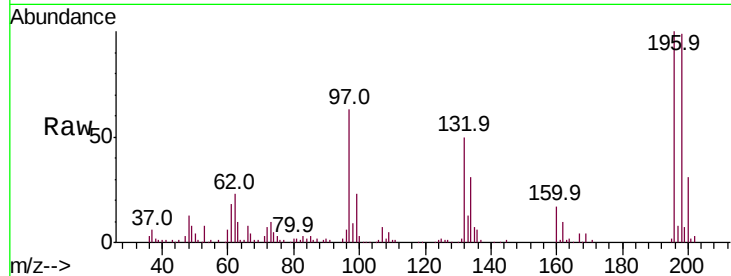
#43
 2,4,6-Trichlorophenol
 Concen: 37.540 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :
 DL-SED-01MS

Tot Ion:	196	Resp:	98225
Ion Ratio	Lower	Upper	
196	100		
198	99.2	76.2	114.4
200	30.9	24.4	36.6

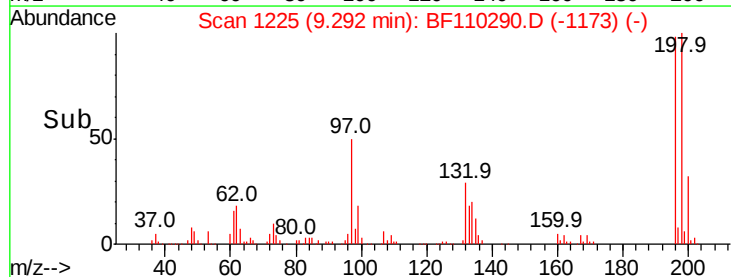
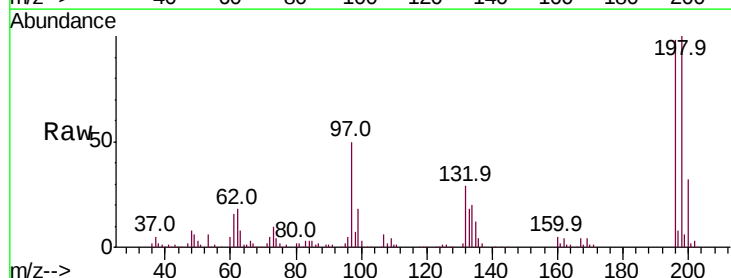
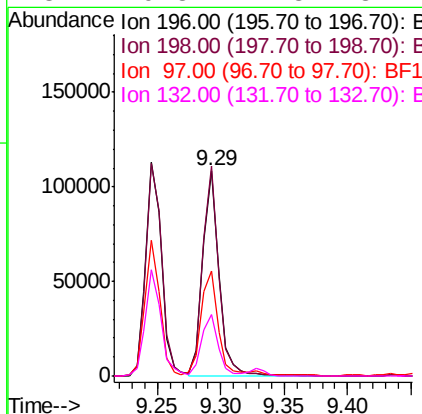
Manual Integrations
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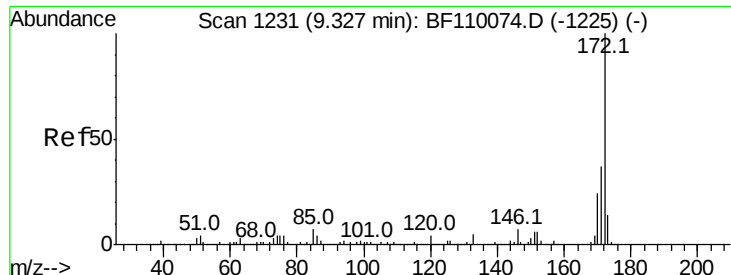
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#44
 2,4,5-Trichlorophenol
 Concen: 35.381 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion:	196	Resp:	97856
Ion Ratio	Lower	Upper	
196	100		
198	102.2	75.8	113.6
97	51.0	42.4	63.6
132	29.8	22.8	34.2





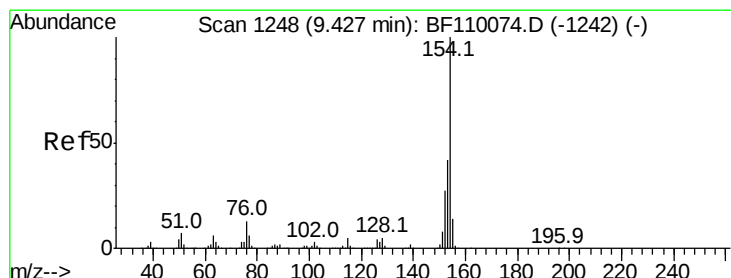
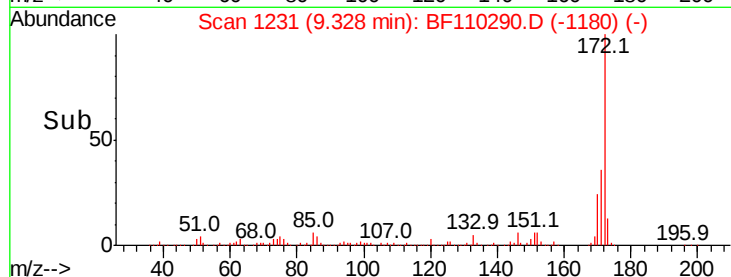
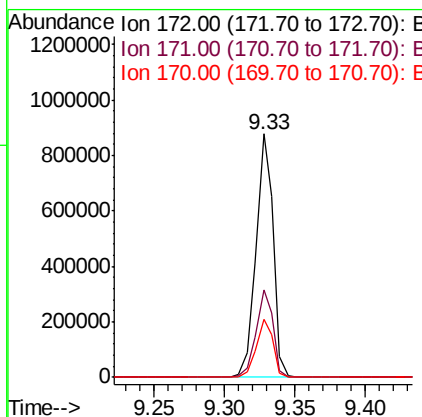
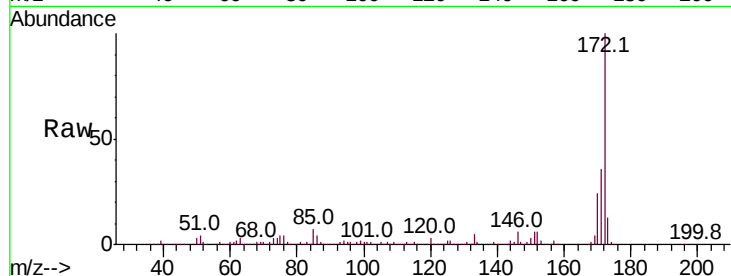
#45
2-Fluorobiphenyl
Concen: 90.685 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion:	172	Resp:	751910
Ion Ratio	Lower	Upper	
172	100		
171	36.0	28.6	43.0
170	23.6	19.7	29.5

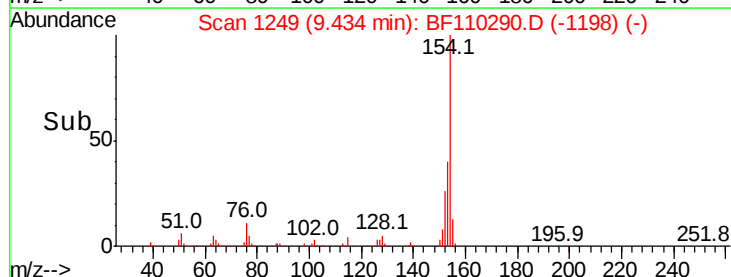
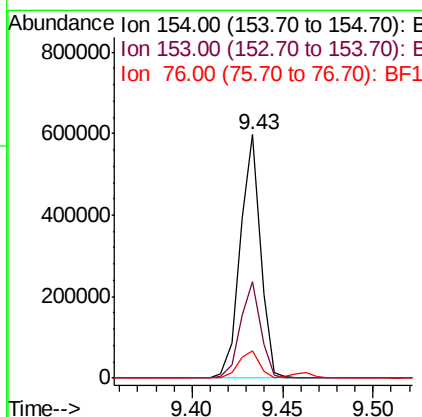
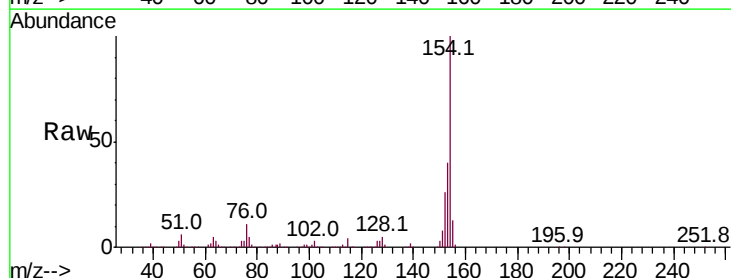
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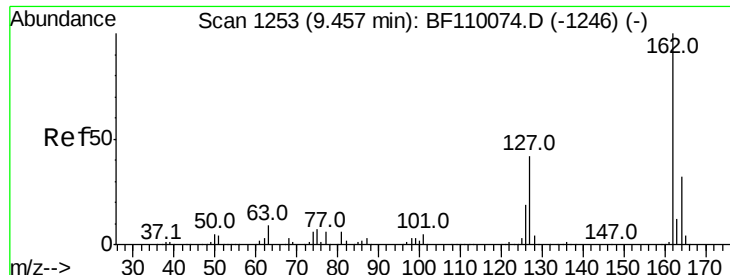
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10/30/2018 3:04:41 PM



#46
1,1'-Biphenyl
Concen: 39.366 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion:	154	Resp:	463485
Ion Ratio	Lower	Upper	
154	100		
153	39.6	20.4	60.4
76	11.0	0.0	31.9





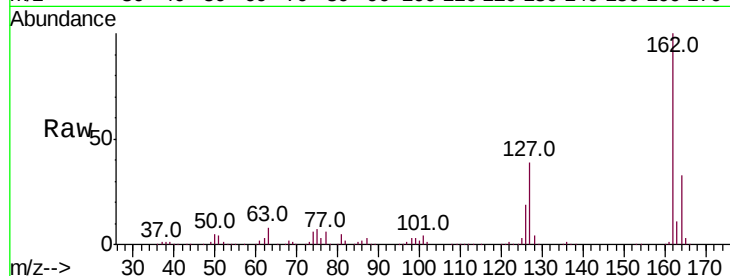
#47
2-Chloronaphthalene
Concen: 39.440 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

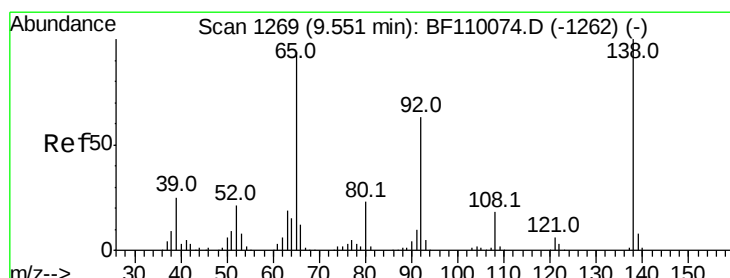
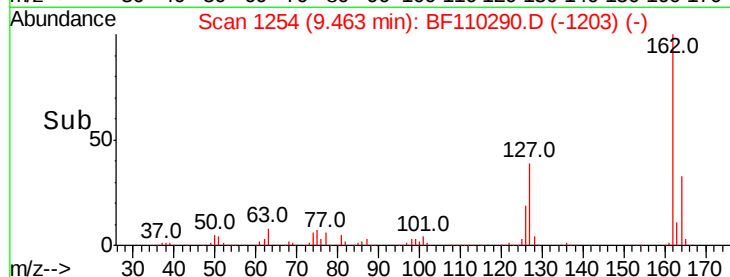
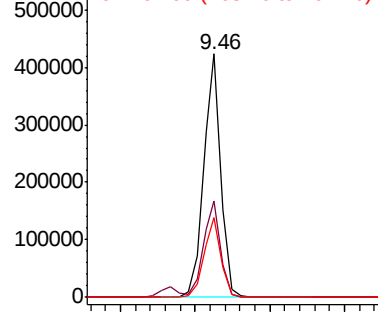
Tot Ion	Ratio	Resp	Lower	Upper
162	100	340621		
127	39.4	32.6	48.8	
164	32.6	25.9	38.9	

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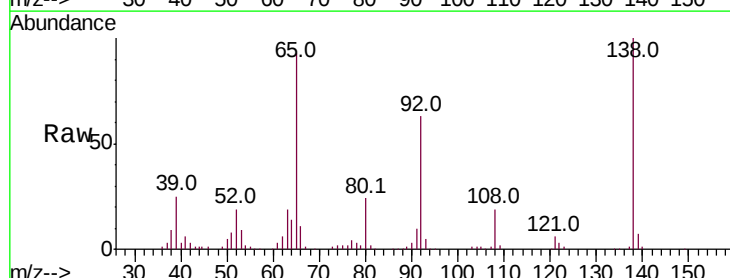


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

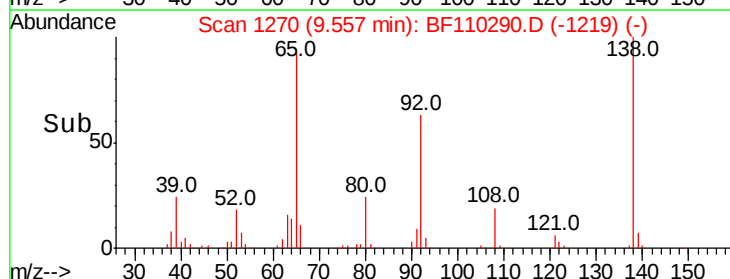
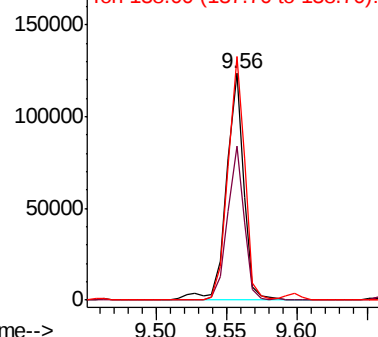


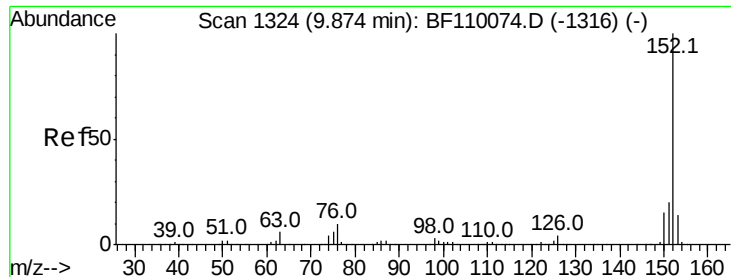
#48
2-Nitroaniline
Concen: 40.968 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	107217		
92	68.3	54.6	81.8	
138	107.6	80.3	120.5	



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





#49

Acenaphthylene

Concen: 40.216 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

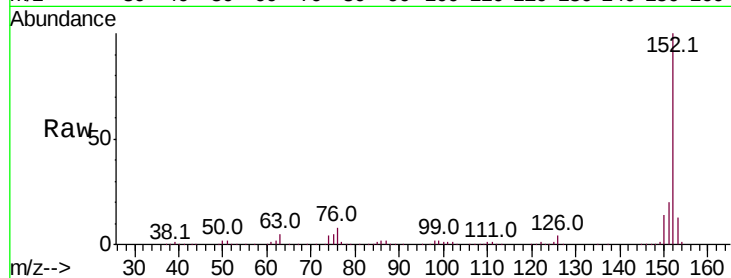
ClientSampleId :

DL-SED-01MS

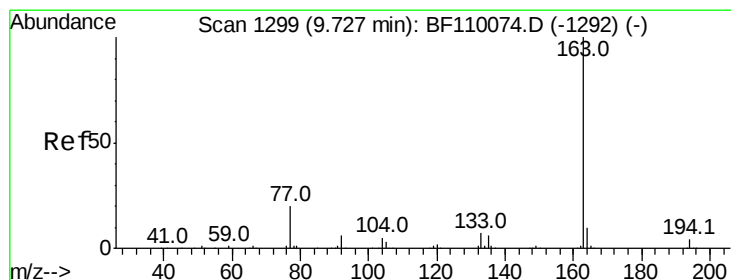
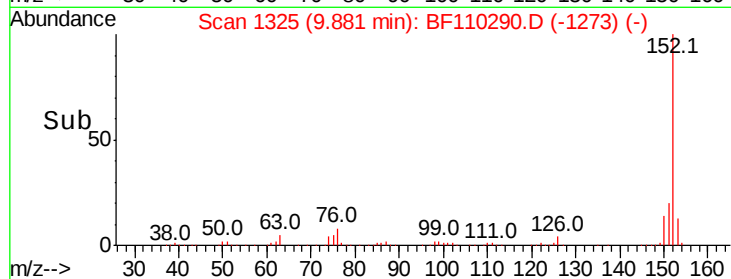
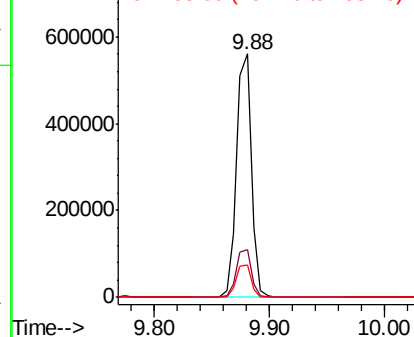
Tot Ion:	152	Resp:	501653
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.8	23.8
153	13.4	10.4	15.6

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



#50

Dimethylphthalate

Concen: 55.679 ng

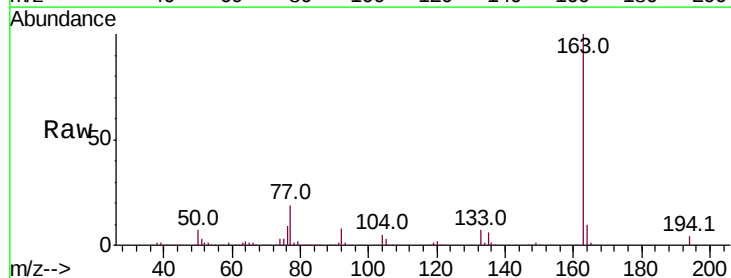
RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

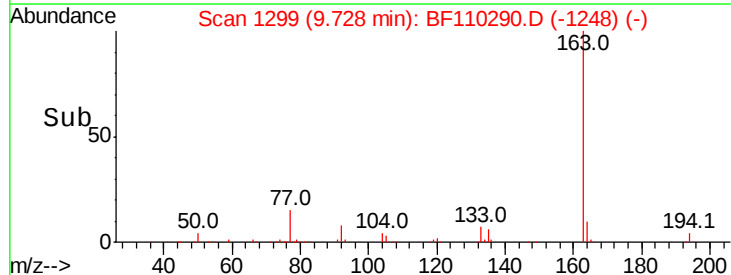
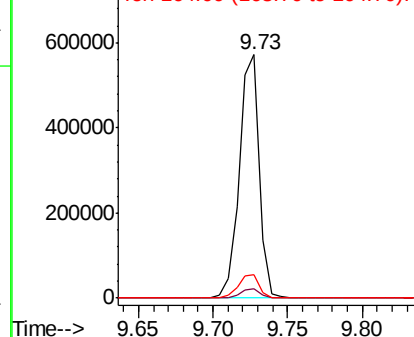
Lab File: BF110290.D

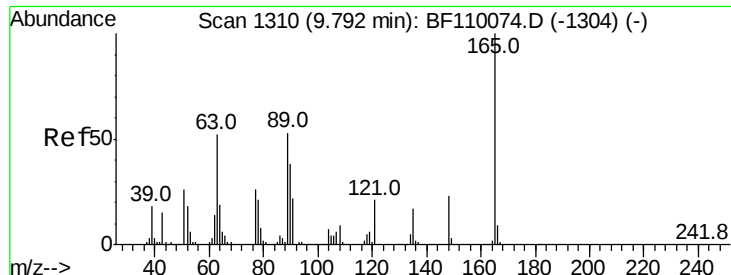
Acq: 30 Oct 2018 4:03

Tgt Ion:	163	Resp:	535125
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	9.7	8.1	12.1



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





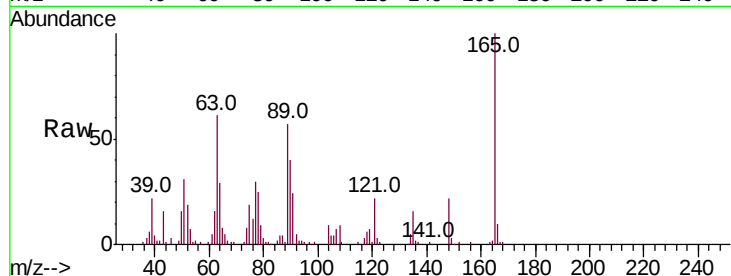
#51
2,6-Dinitrotoluene
Concen: 28.337 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

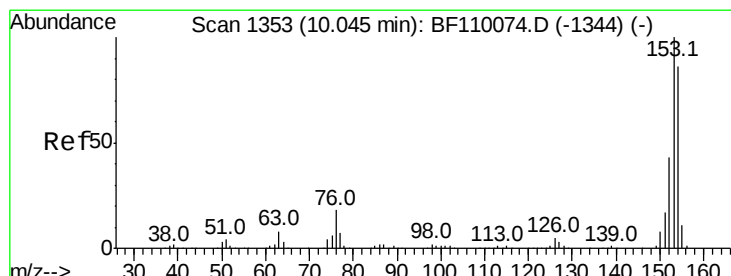
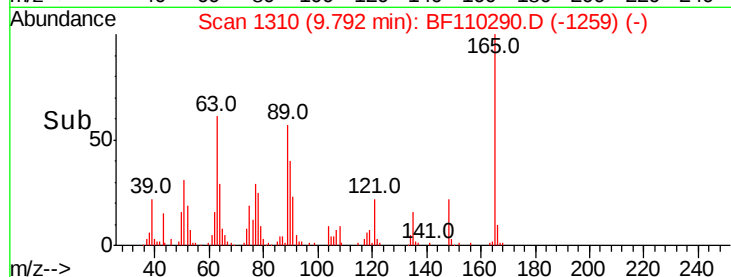
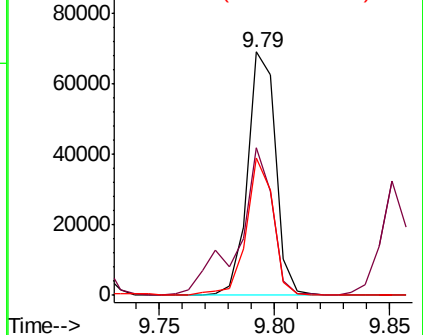
Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	60.6	48.9	73.3
89	56.7	46.6	69.8

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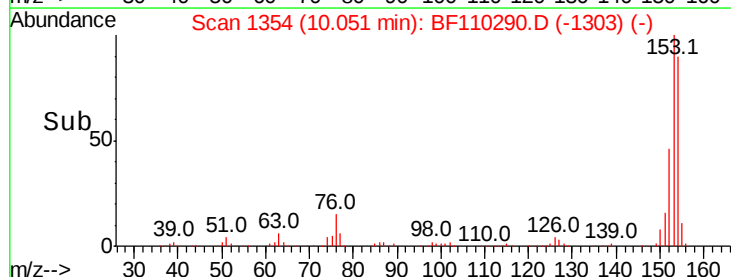
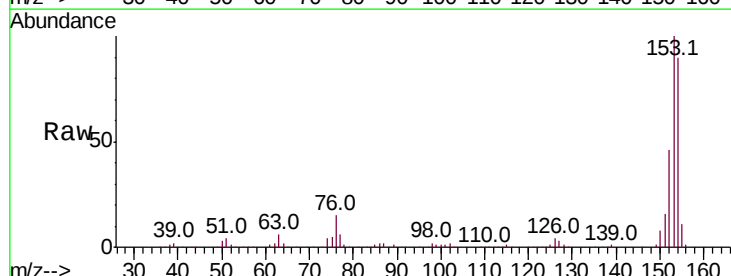
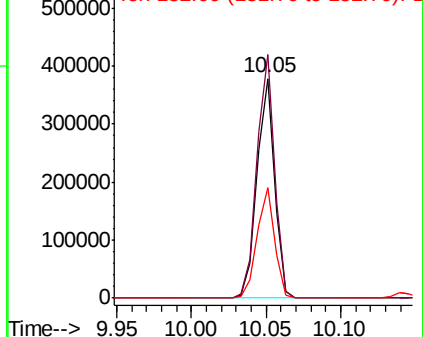
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

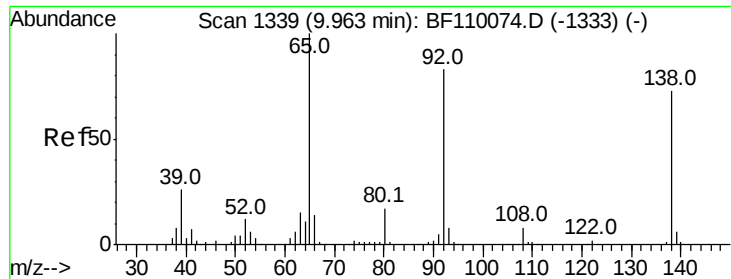


#52
Acenaphthene
Concen: 36.922 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	110.8	90.1	135.1
152	50.5	43.4	65.2

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





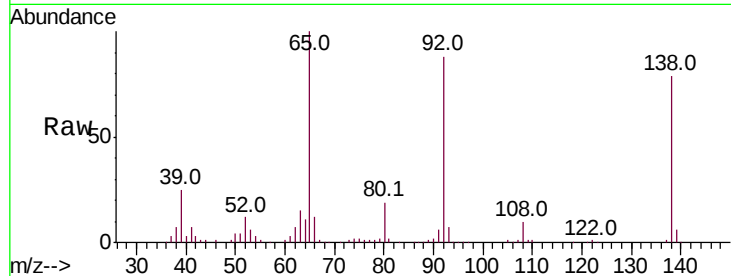
#53
3-Nitroaniline
Concen: 34.013 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	8.7	13.1
92	110.6	97.0	145.4

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10/30/2018 3:04:41 PM

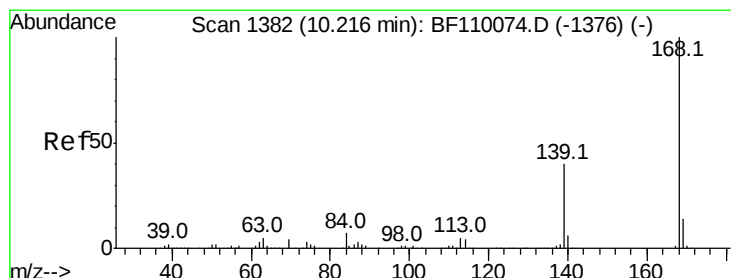
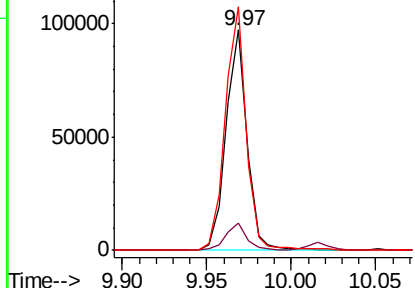
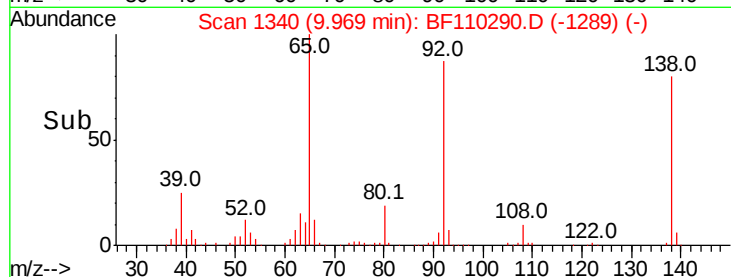


Abundance

Ion 138.00 (137.70 to 138.70): E

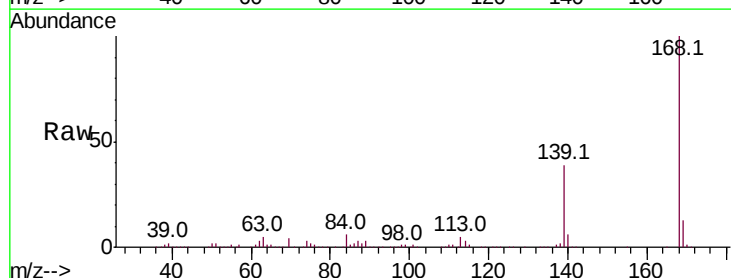
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#55
Dibenzofuran
Concen: 36.993 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.4	33.0	49.6
169	13.3	11.3	16.9

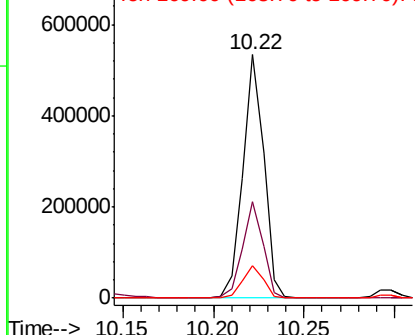
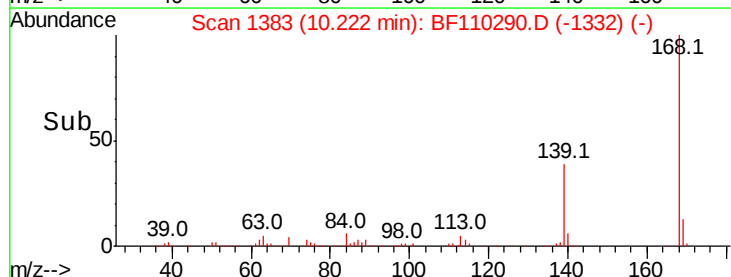


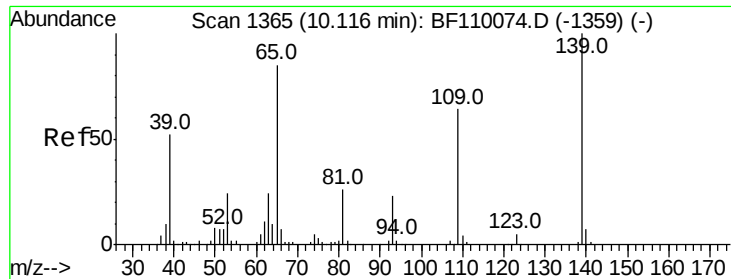
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





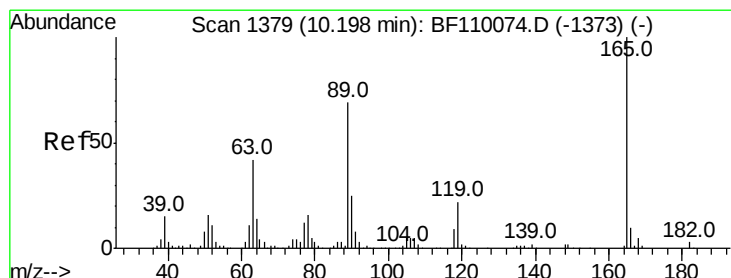
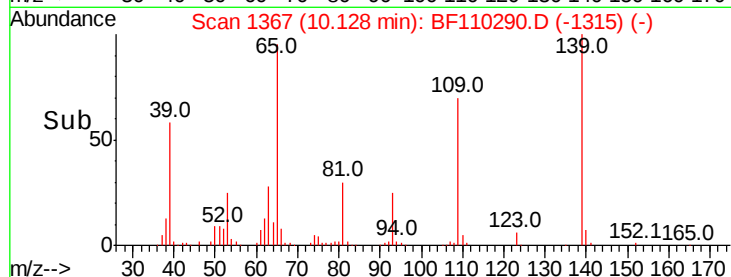
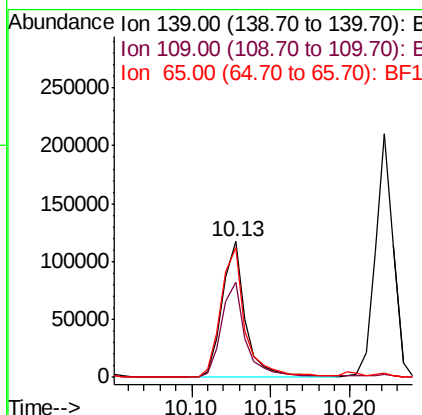
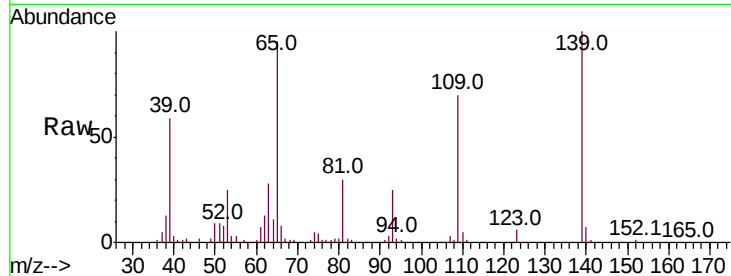
#56
4-Nitrophenol
Concen: 66.079 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	70.5	55.8	95.8
65	95.5	77.9	117.9

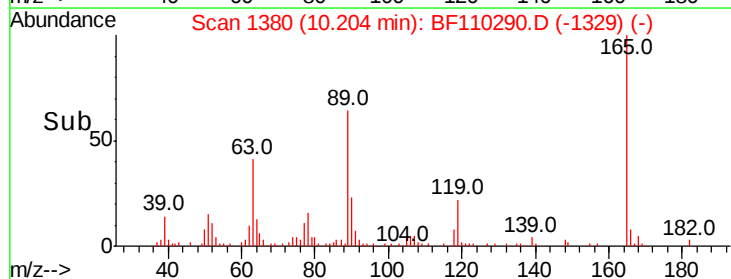
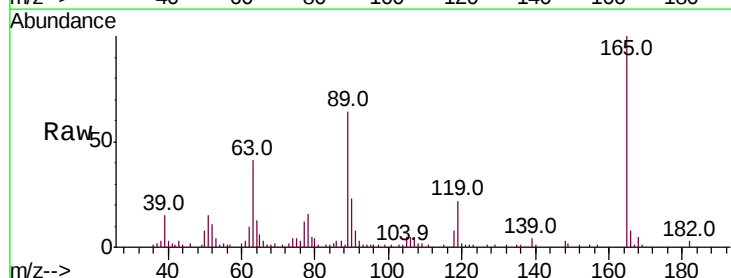
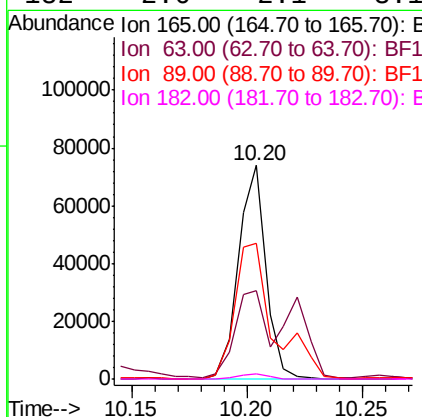
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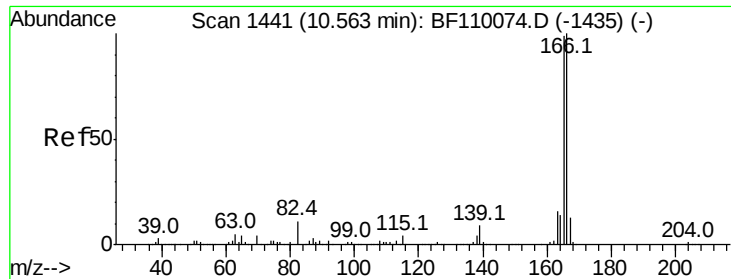
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#57
2,4-Dinitrotoluene
Concen: 23.270 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	41.1	44.8	67.2#
89	63.7	62.2	93.4
182	2.6	2.1	3.1





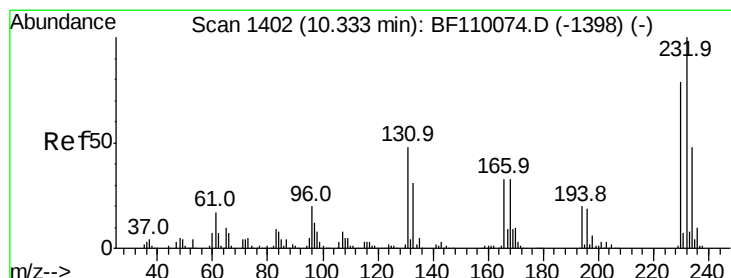
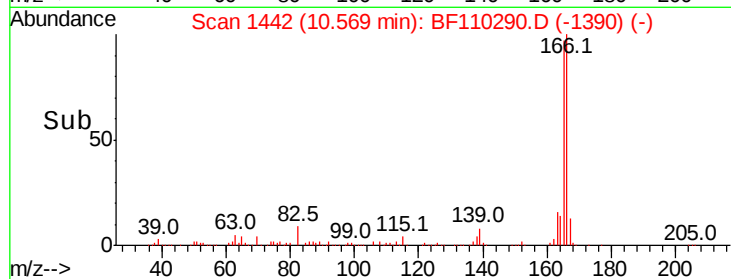
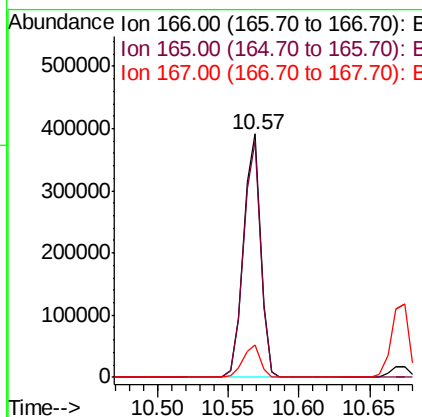
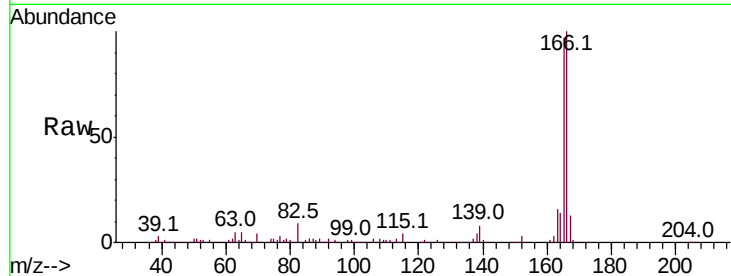
#58
 Fluorene
 Concen: 38.539 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :
 DL-SED-01MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.0	78.6	117.8	
167	13.2	10.8	16.2	

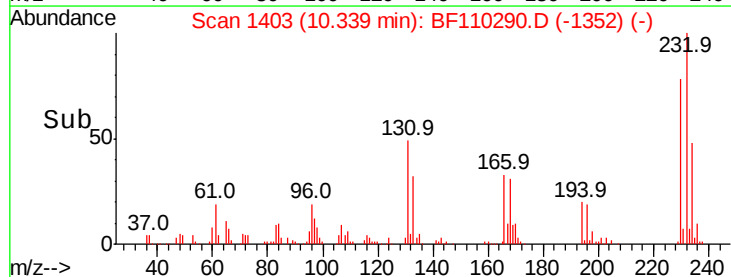
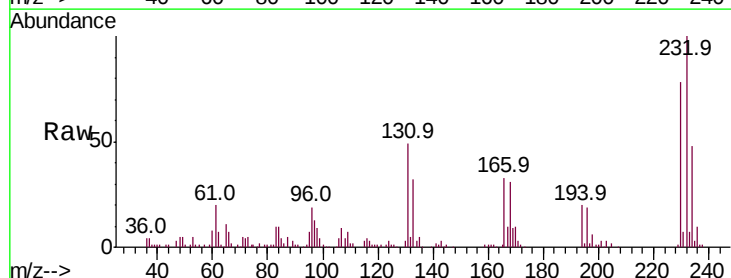
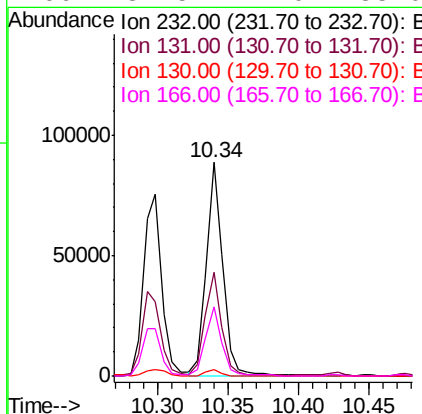
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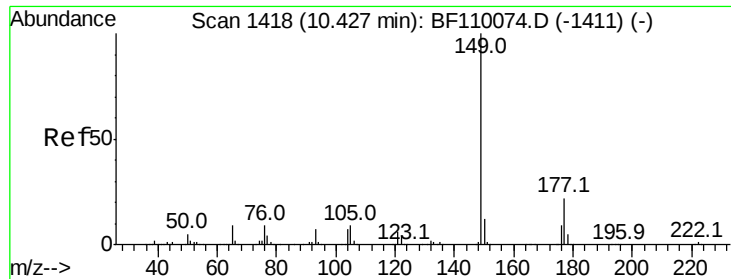
Sohil
 10/30/2018 3:04:41 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 32.378 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.0	37.0	55.4	
130	2.4	1.8	2.6	
166	32.5	22.0	33.0	





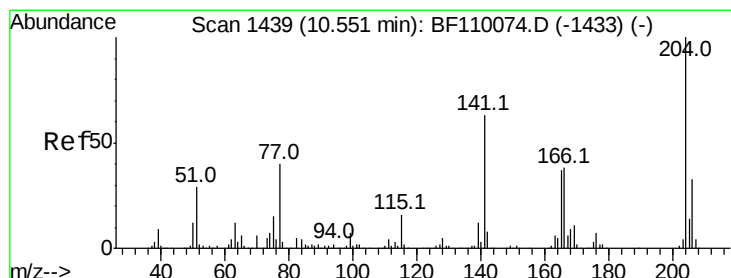
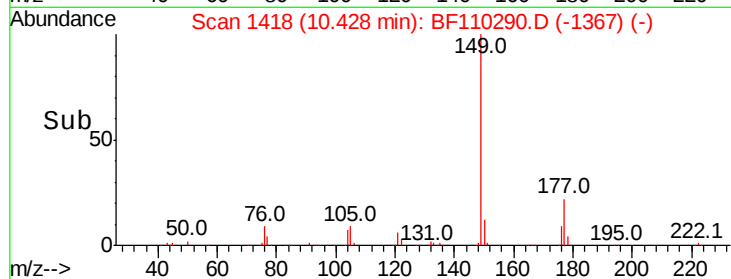
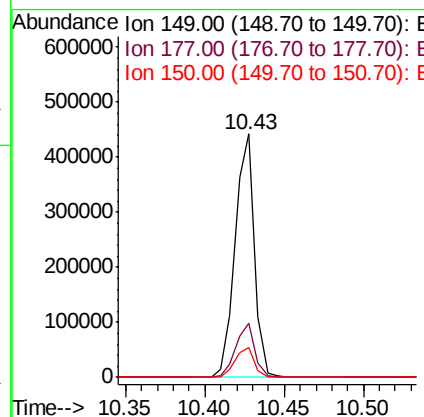
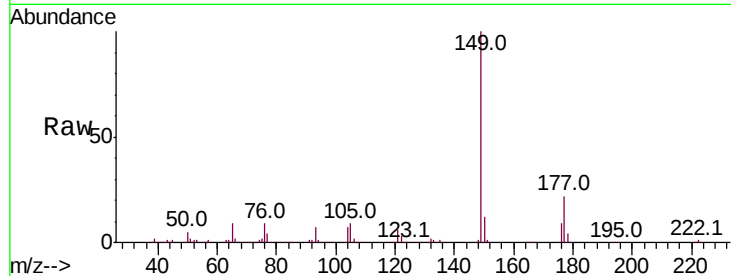
#60
Diethylphthalate
Concen: 39.901 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.4	26.2
150	12.4	9.8	14.8

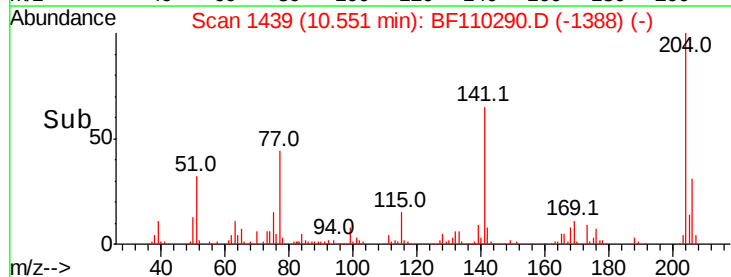
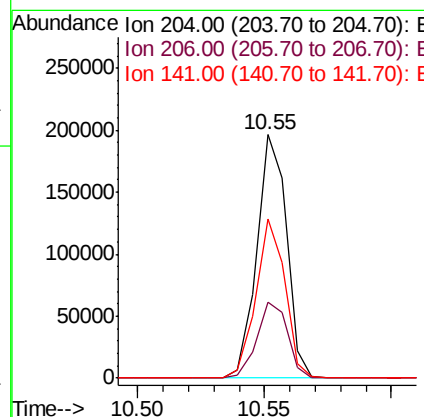
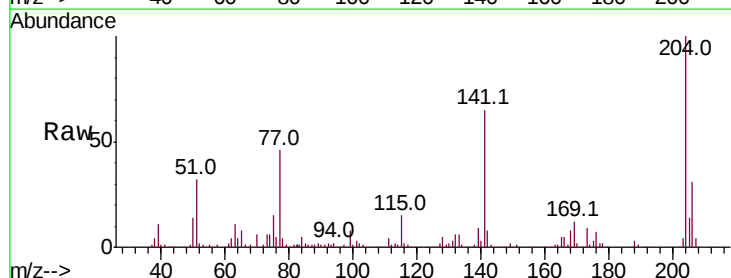
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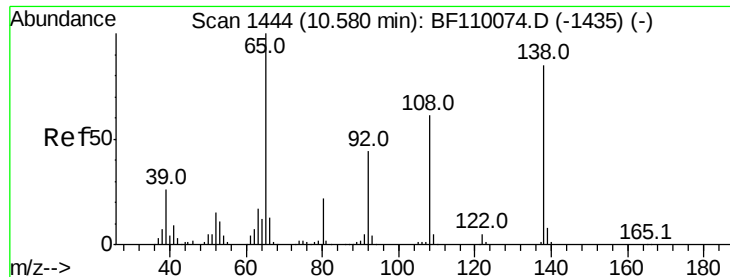
Sohil
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#61
4-Chlorophenyl-phenylether
Concen: 35.494 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.0	26.5	39.7
141	65.1	51.8	77.8





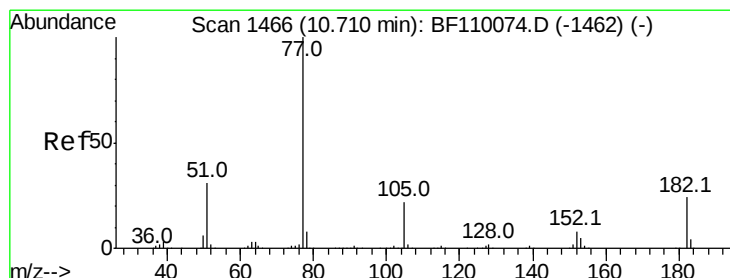
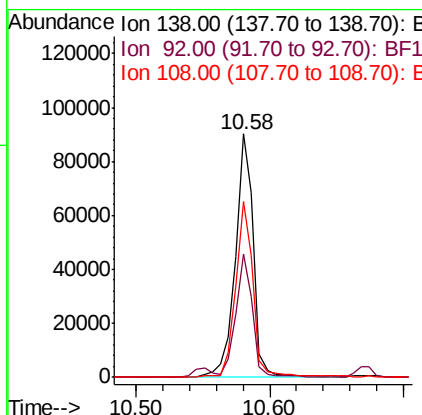
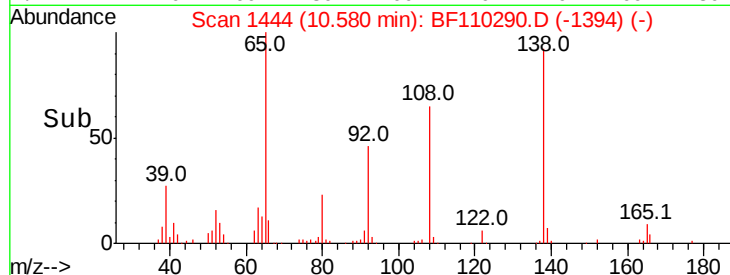
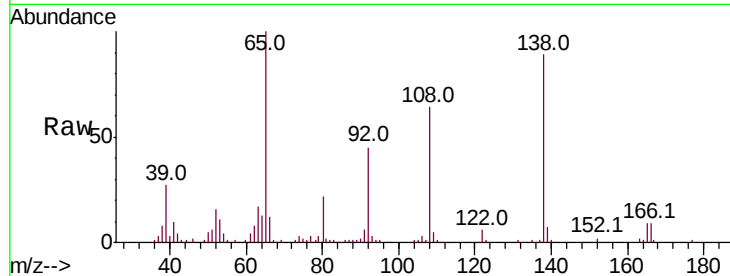
#62
4-Nitroaniline
Concen: 35.161 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion:	138	Resp:	86094
Ion	Ratio	Lower	Upper
138	100		
92	50.4	31.7	71.7
108	72.3	59.3	99.3

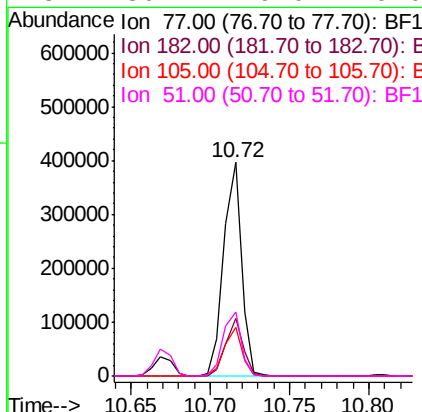
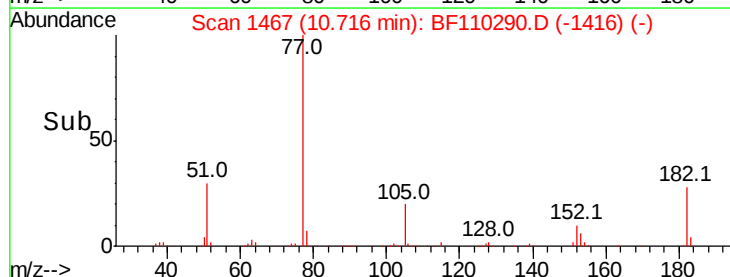
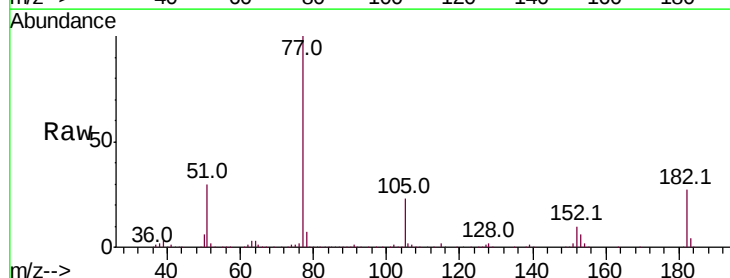
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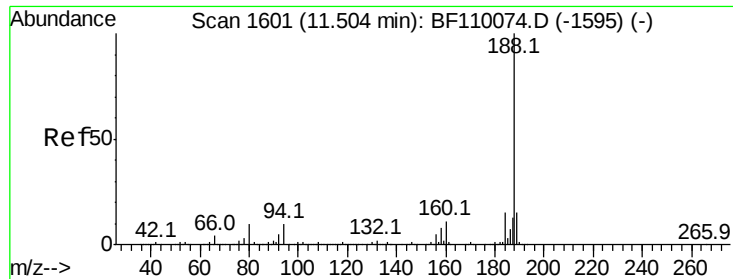
Sohil
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#63
Azobenzene
Concen: 33.364 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion:	77	Resp:	310696
Ion	Ratio	Lower	Upper
77	100		
182	27.1	4.3	44.3
105	23.0	1.3	41.3
51	30.1	9.0	49.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

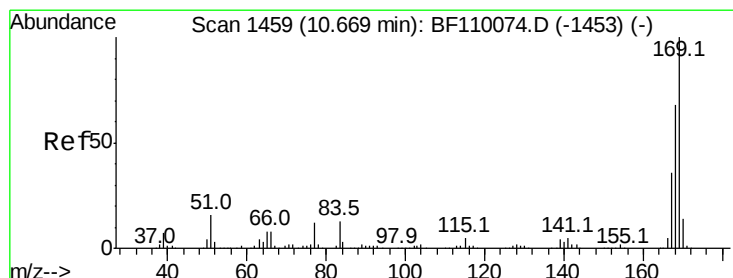
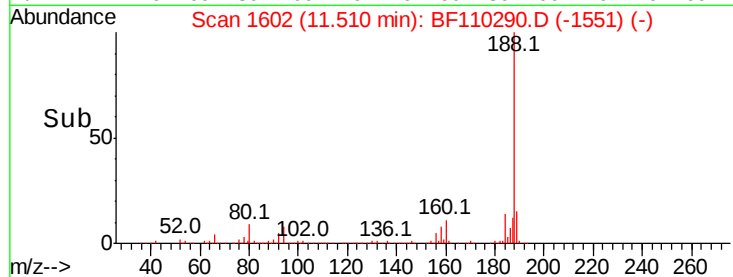
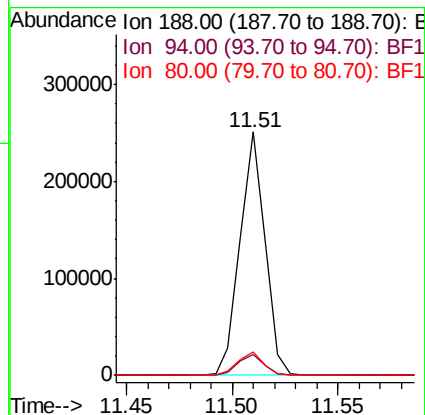
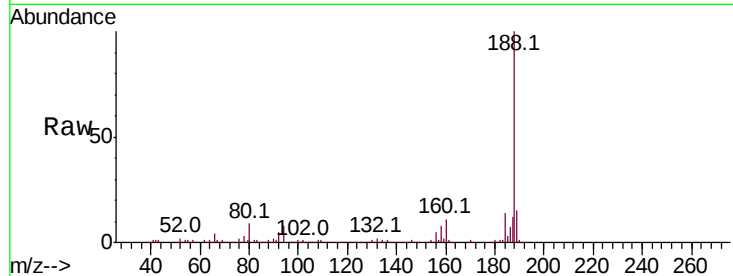
ClientSampleId :

DL-SED-01MS

Tot Ion:188	Resp: 205551
Ion Ratio	Lower Upper
188 100	
94 8.4	7.2 10.8
80 9.4	7.9 11.9

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#66

n-Nitrosodiphenylamine

Concen: 42.423 ng

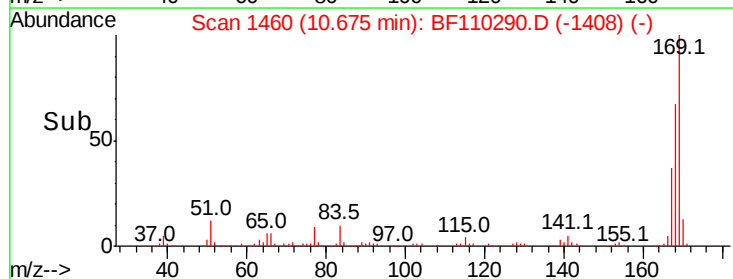
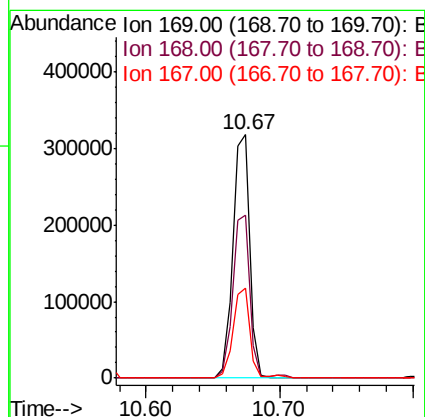
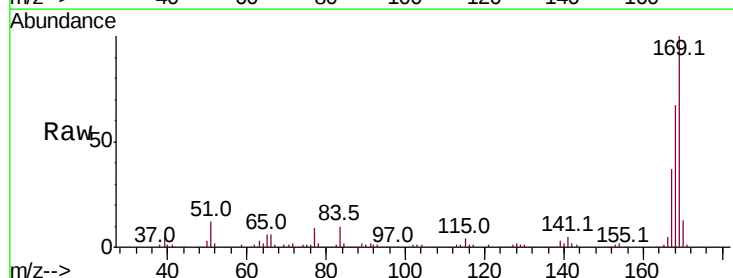
RT: 10.67 min Scan# 1460

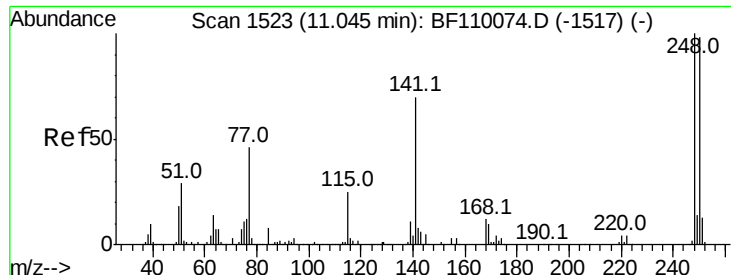
Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:169	Resp: 286017
Ion Ratio	Lower Upper
169 100	
168 66.9	51.2 76.8
167 36.9	27.8 41.6





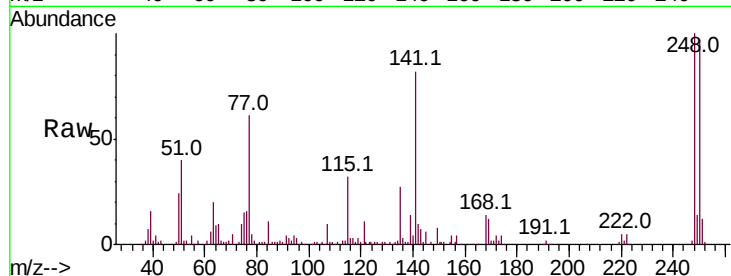
#67
4-Bromophenyl-phenylether
Concen: 39.636 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	79.4	119.2
141	82.3	55.9	83.9

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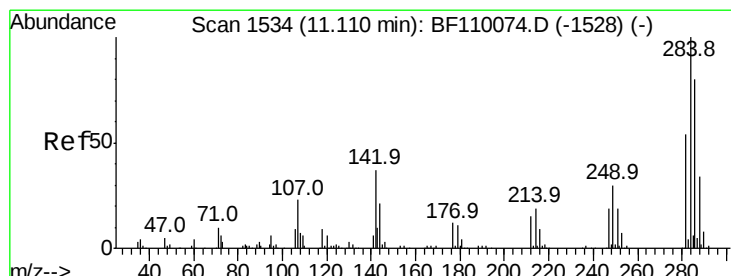
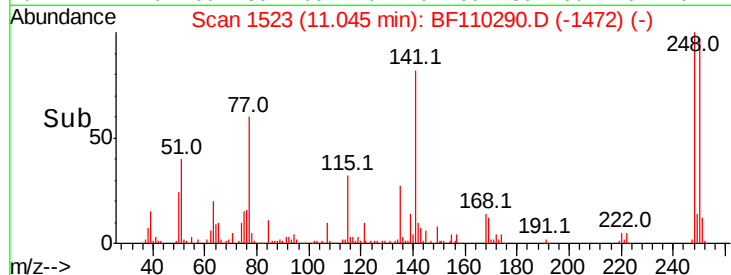
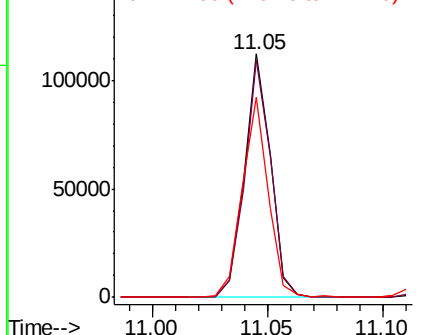


Abundance

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: 37.484 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

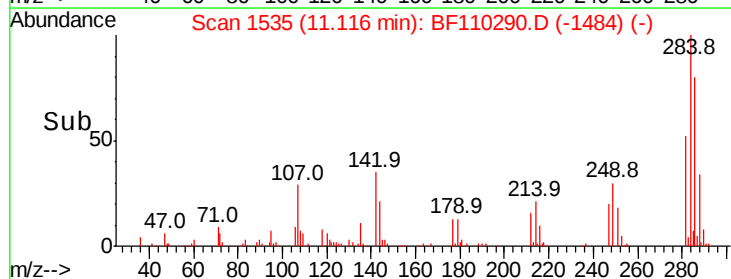
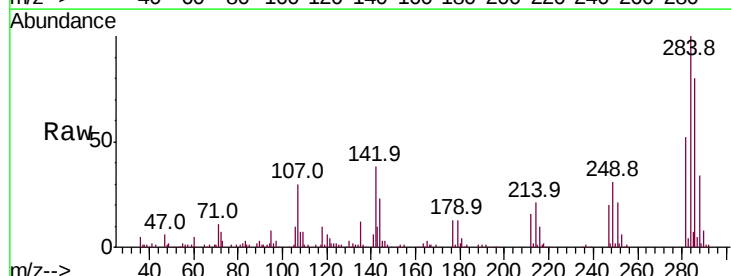
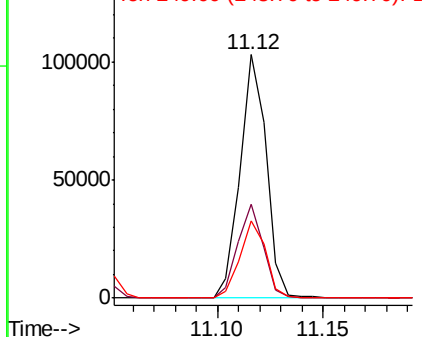
Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	23.9	35.9#
249	31.5	24.2	36.2

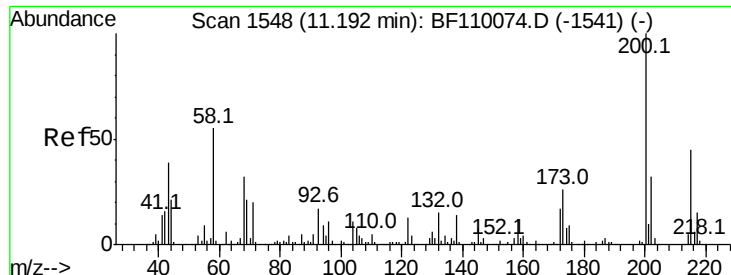
Abundance

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





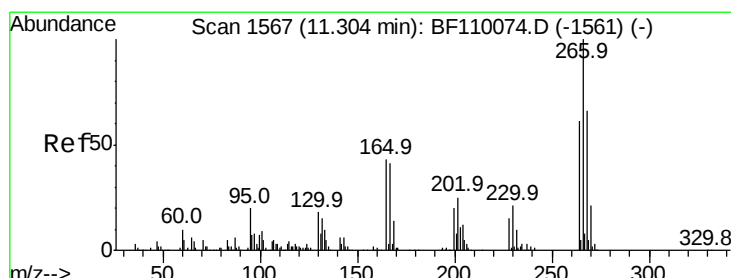
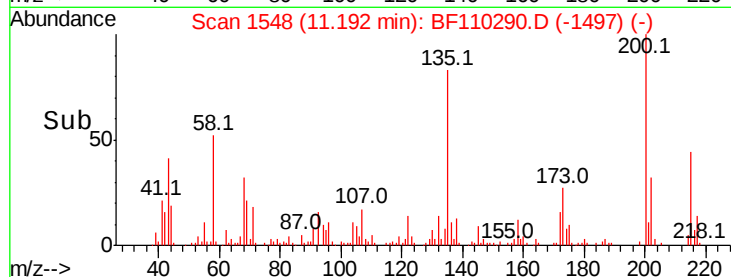
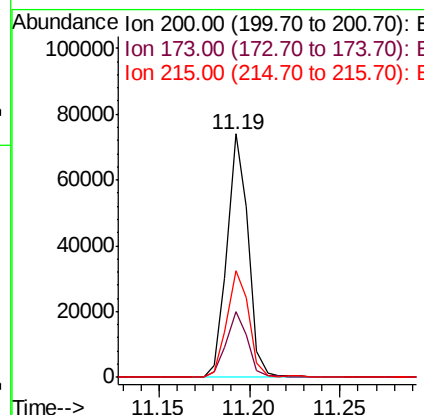
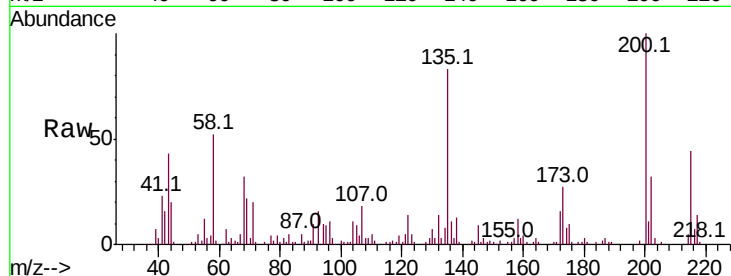
#69
Atrazine
Concen: 28.232 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	6.6	46.6
215	43.9	26.3	66.3

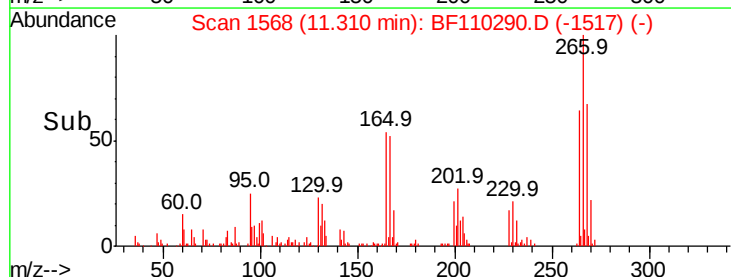
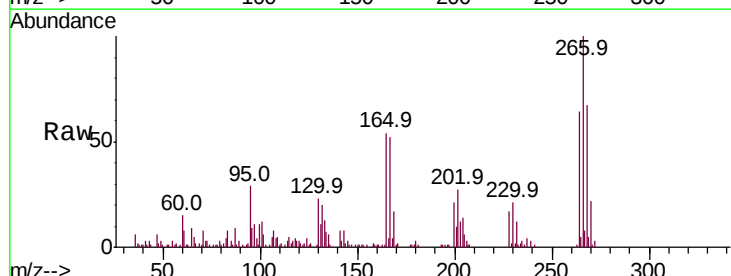
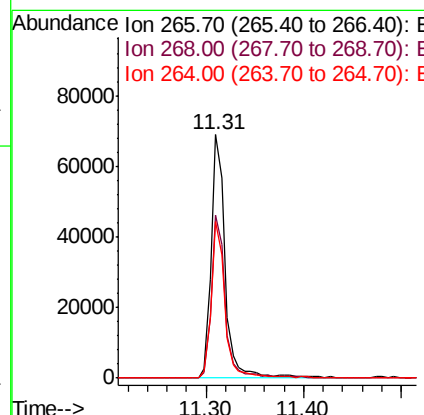
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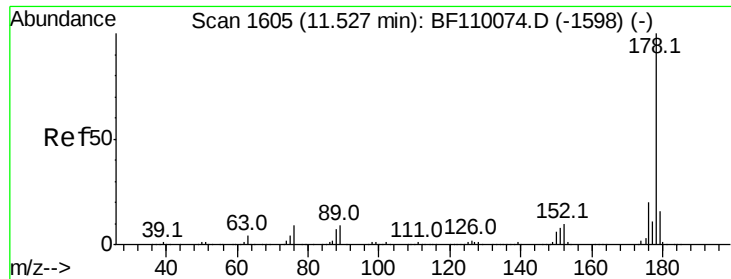
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#70
Pentachlorophenol
Concen: 49.774 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.0	50.6	75.8
264	64.2	50.6	75.8





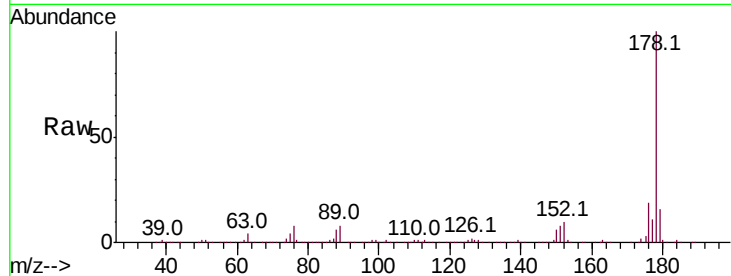
#71
Phenanthrene
Concen: 48.356 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

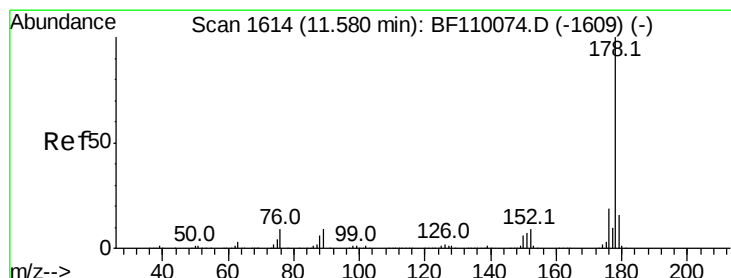
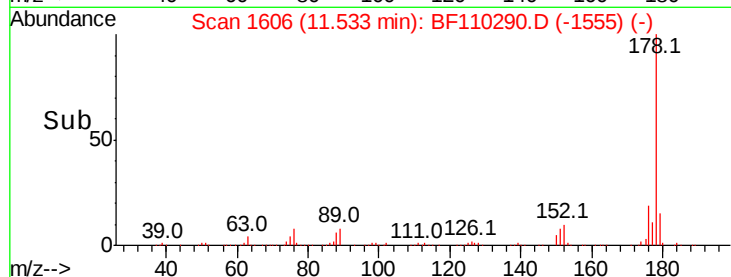
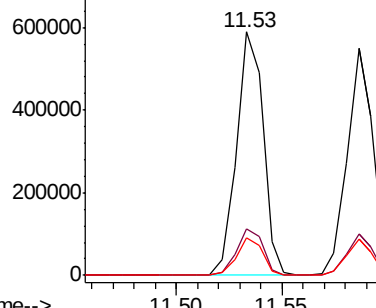
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.5	23.3
179	15.5	12.5	18.7

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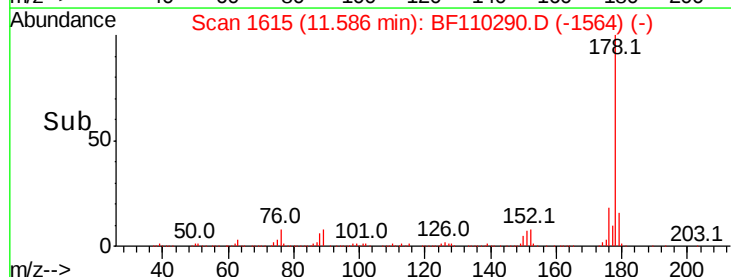
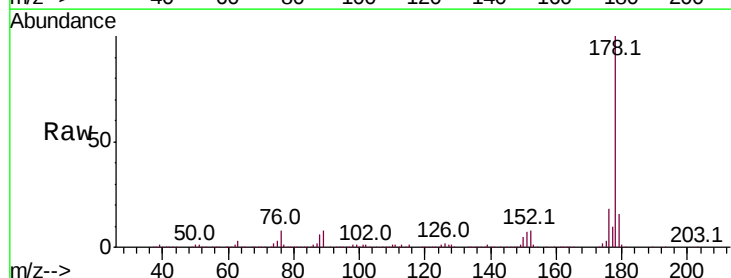
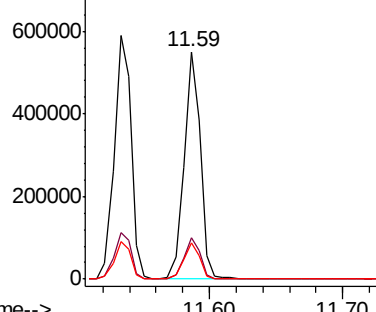
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

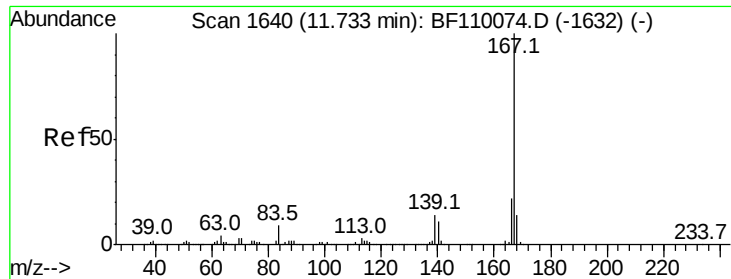


#72
Anthracene
Concen: 43.770 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	16.0	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





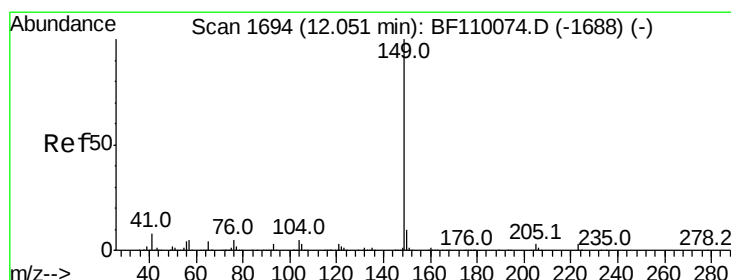
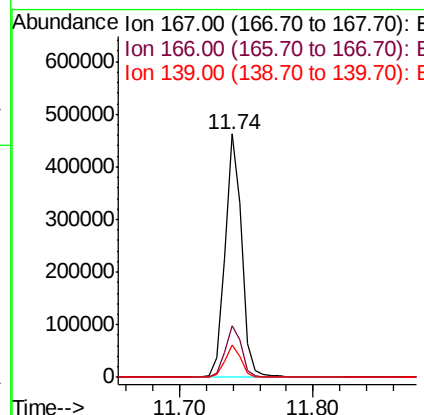
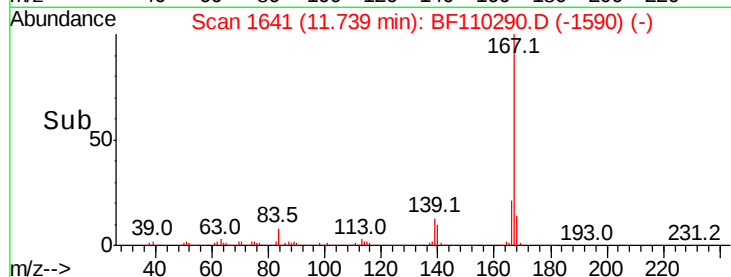
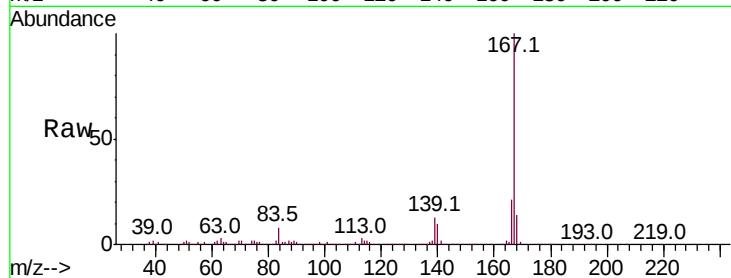
#73
 Carbazole
 Concen: 38.761 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Instrument :
 BNA_F
 ClientSampleId :
 DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	13.2	10.9	16.3

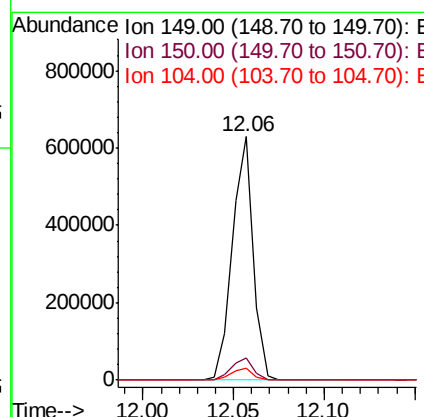
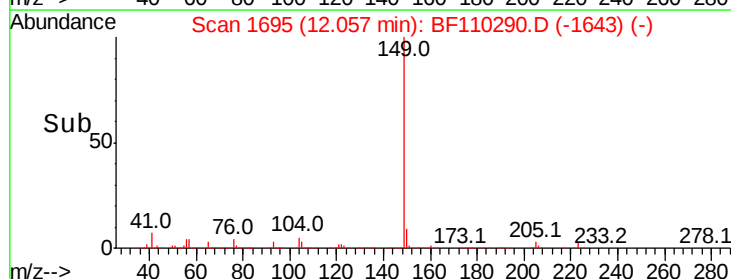
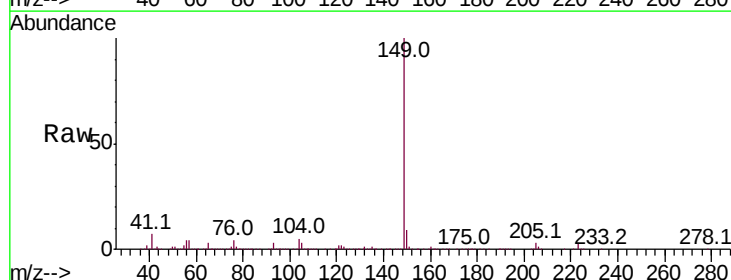
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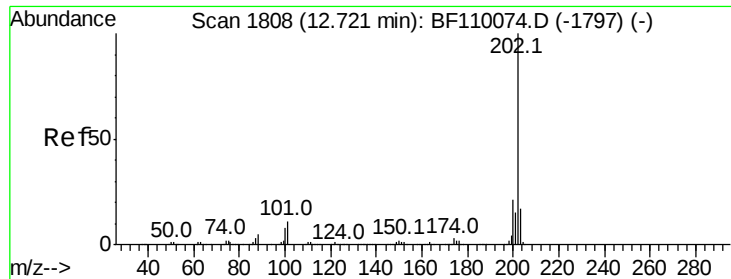
Sohil
 10/30/2018 3:04:41 PM



#74
 Di-n-butylphthalate
 Concen: 42.247 ng
 RT: 12.06 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: BF110290.D
 Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.7	11.5
104	4.7	4.2	6.4





#75

Fluoranthene

Concen: 59.152 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

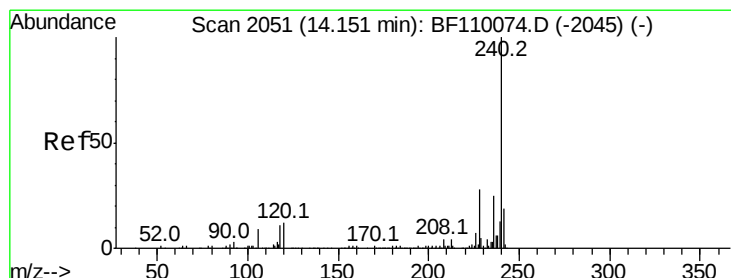
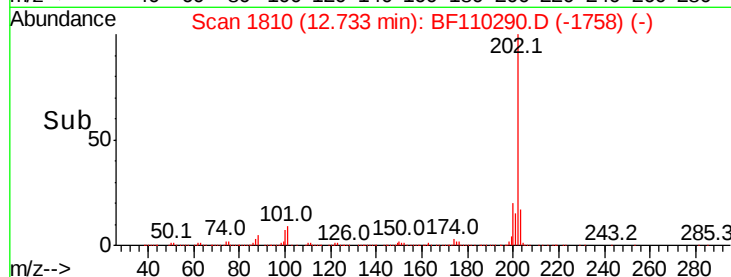
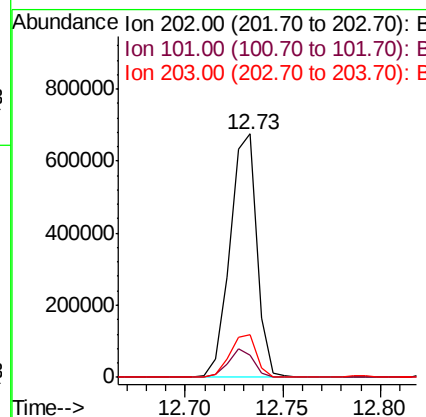
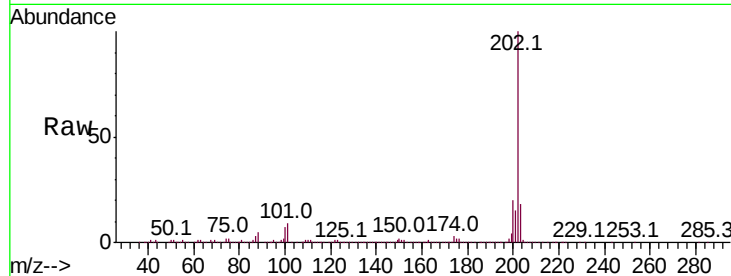
ClientSampleId :

DL-SED-01MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.3	0.0	31.4
203	17.6	0.0	37.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

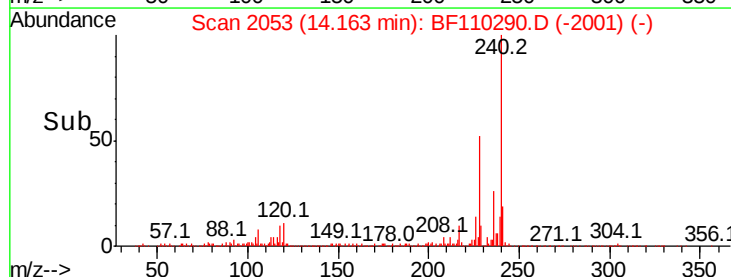
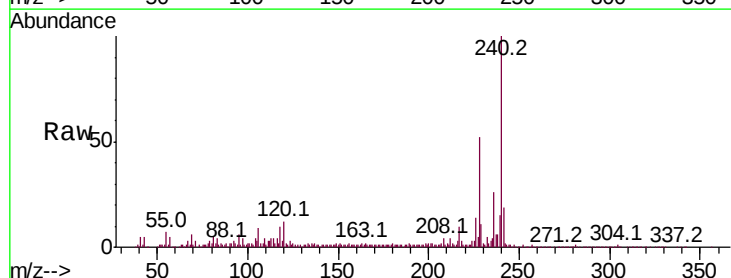
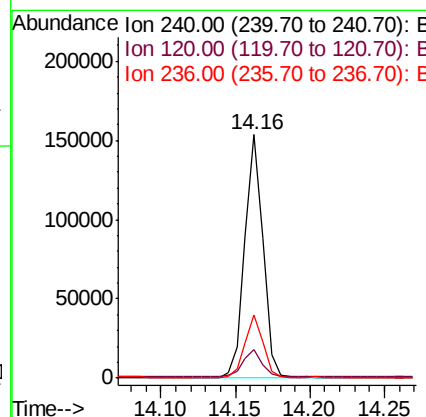
RT: 14.16 min Scan# 2053

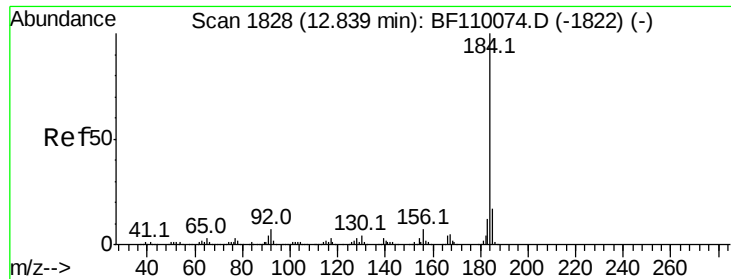
Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	8.3	12.5
236	26.1	21.2	31.8





#77

Benzidine

Concen: 0.679 ng/mL

RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

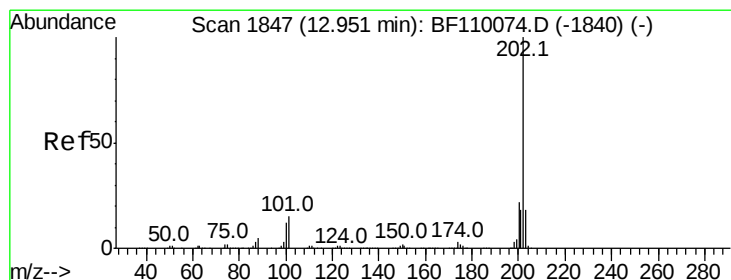
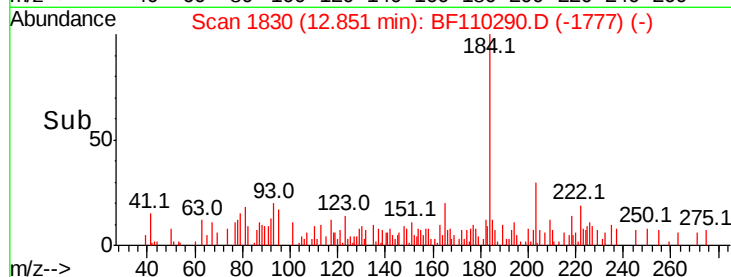
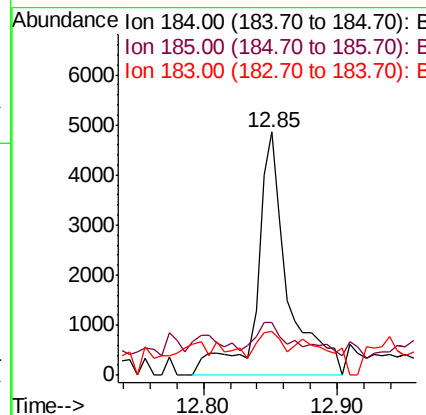
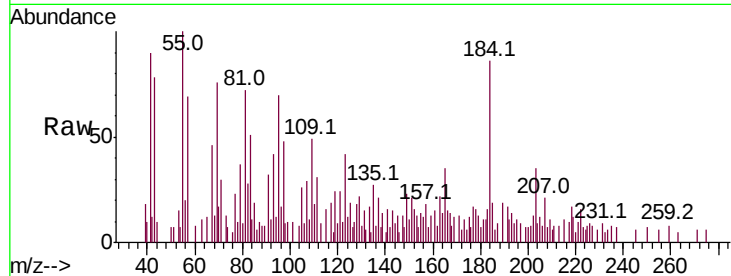
ClientSampleId :

DL-SED-01MS

Tot Ion:	184	Resp:	7791
Ion Ratio	Lower	Upper	
184	100		
185	21.7	13.4	20.2#
183	18.2	9.4	14.2#

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#78

Pyrene

Concen: 64.291 ng/mL

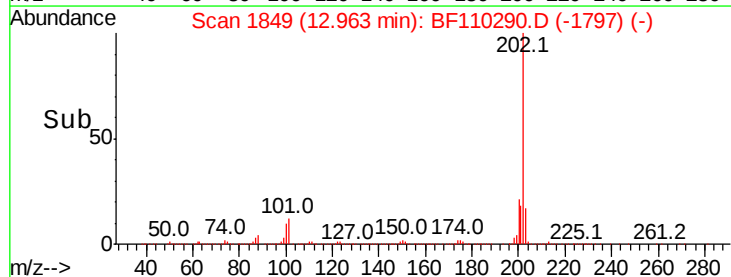
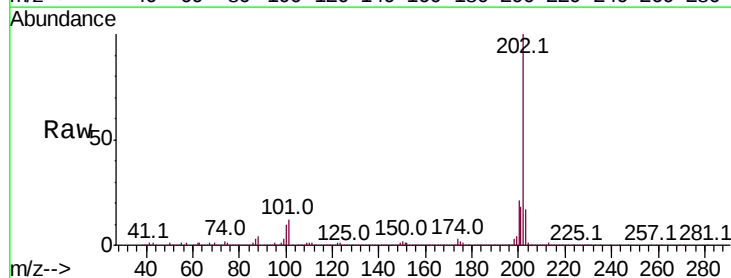
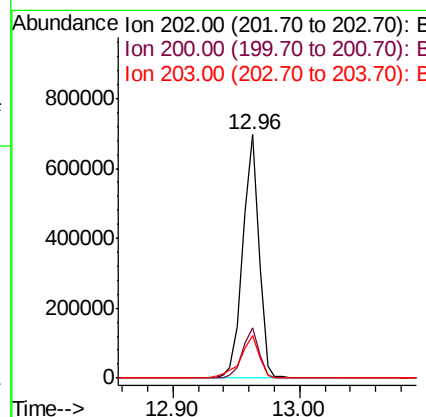
RT: 12.96 min Scan# 1849

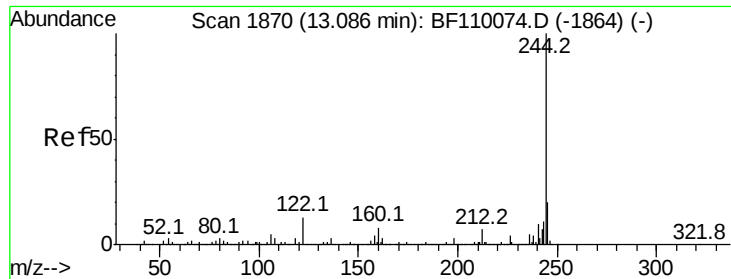
Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:	202	Resp:	604669
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.8	26.6
203	17.3	14.2	21.4





#79

Terphenyl-d14

Concen: 82.071 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

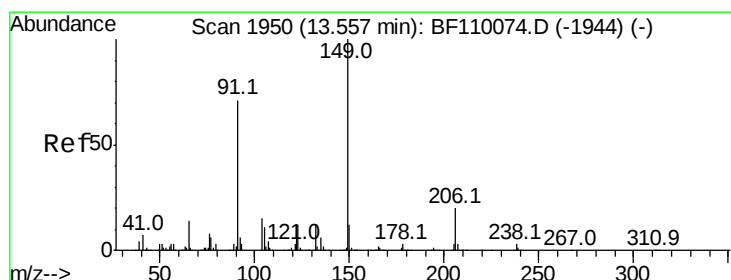
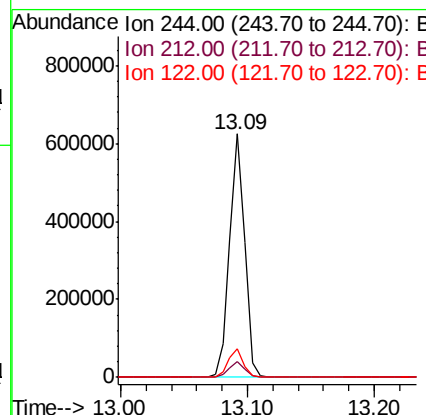
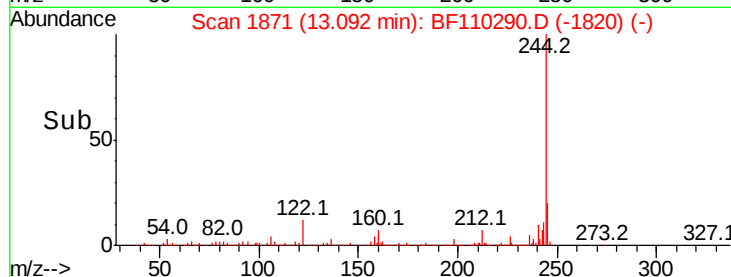
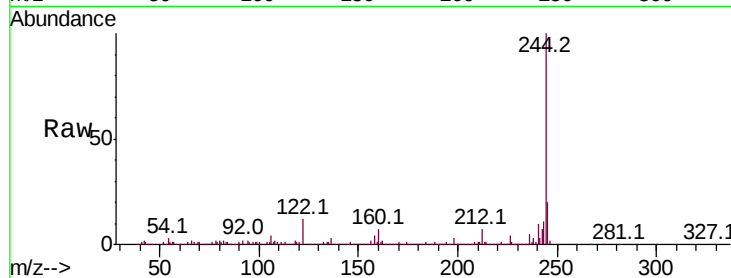
ClientSampleId :

DL-SED-01MS

Tot Ion:	244	Resp:	517709
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.8
122	11.9	8.7	13.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 52.325 ng

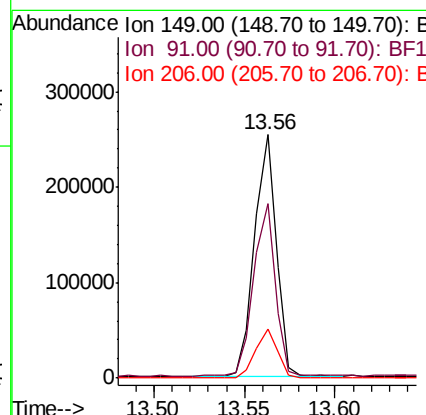
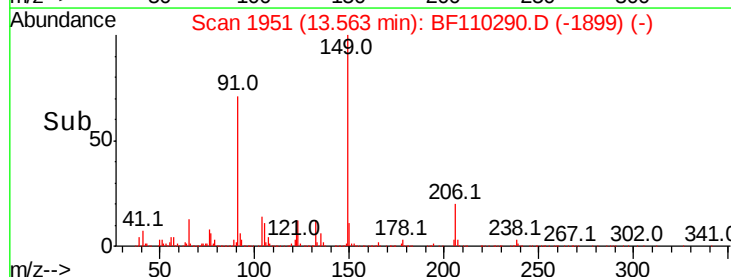
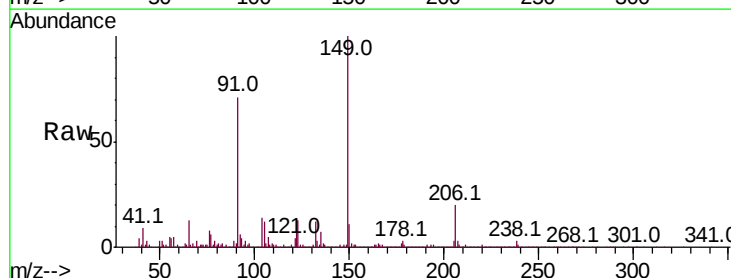
RT: 13.56 min Scan# 1951

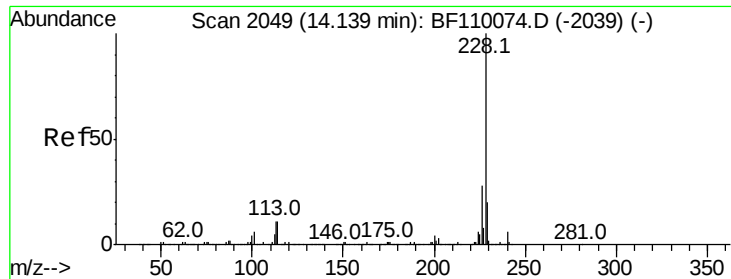
Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:	149	Resp:	213605
Ion Ratio	Lower	Upper	
149	100		
91	71.5	57.2	85.8
206	20.1	15.7	23.5





#81

Benzo(a)anthracene

Concen: 53.377 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

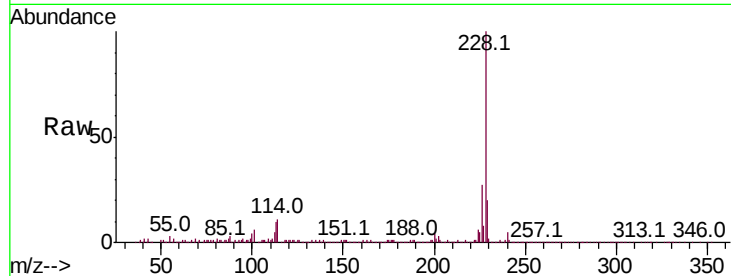
ClientSampleId :

DL-SED-01MS

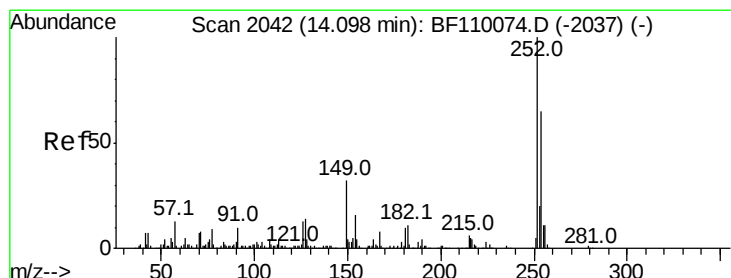
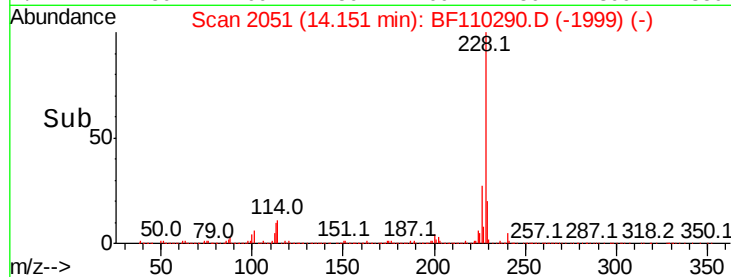
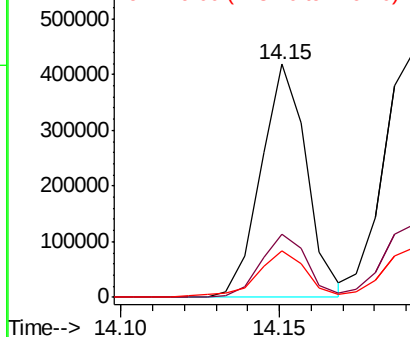
Tot Ion:	228	Resp:	415268
Ion Ratio	Lower	Upper	
228	100		
226	27.0	22.1	33.1
229	20.0	15.6	23.4

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



#82

3,3'-Dichlorobenzidine

Concen: 17.956 ng

RT: 14.11 min Scan# 2044

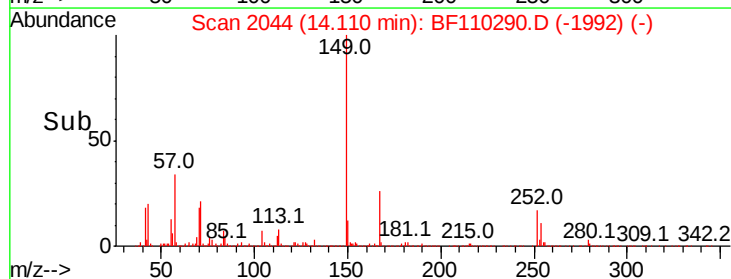
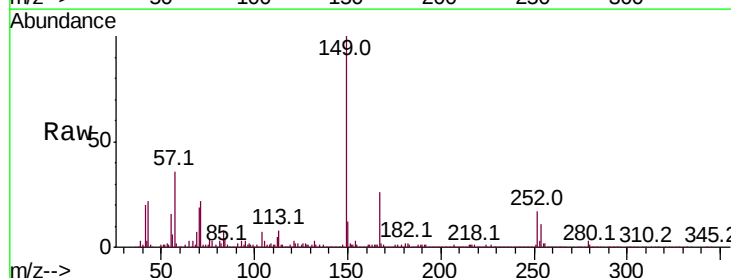
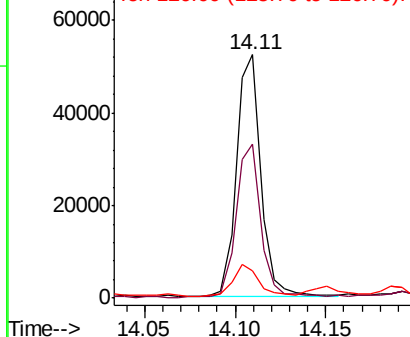
Delta R.T. 0.01 min

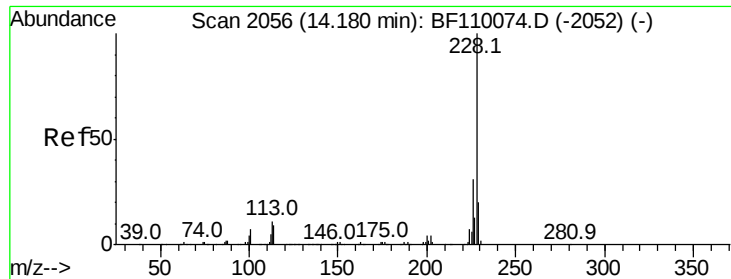
Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:	252	Resp:	48644
Ion Ratio	Lower	Upper	
252	100		
254	63.4	51.3	76.9
126	11.1	9.4	14.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





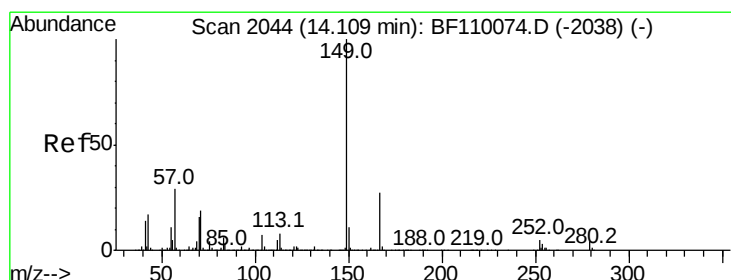
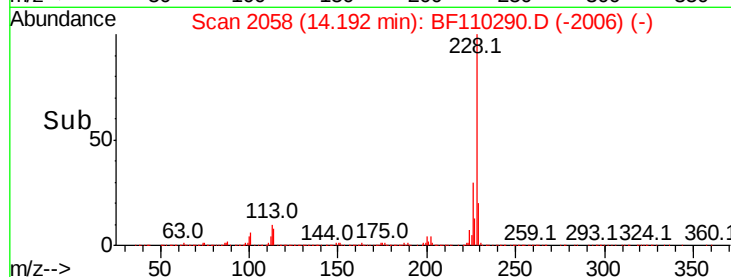
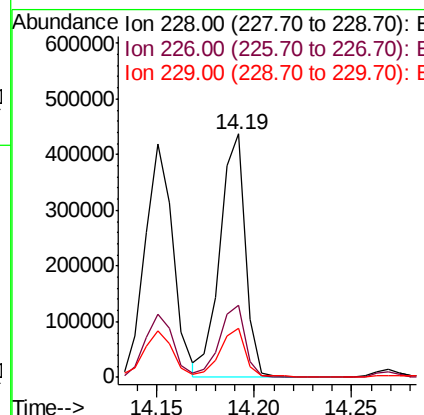
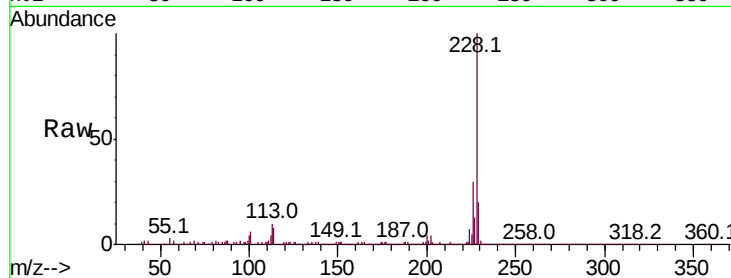
#83
Chrysene
Concen: 53.212 ng
RT: 14.19 min Scan# 2058
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampled :
DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	20.0	15.9	23.9

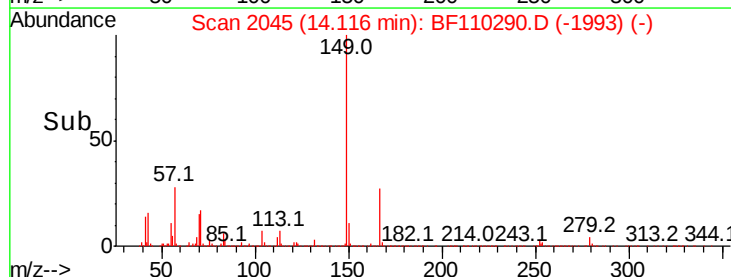
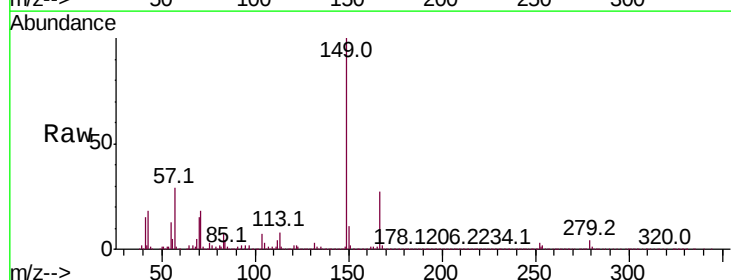
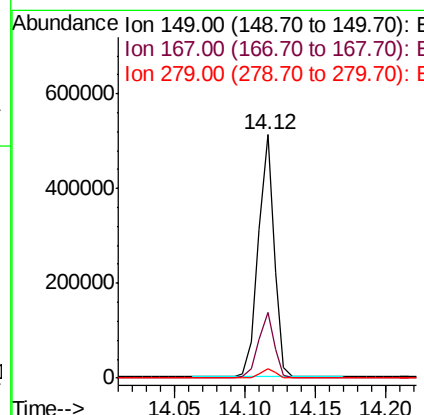
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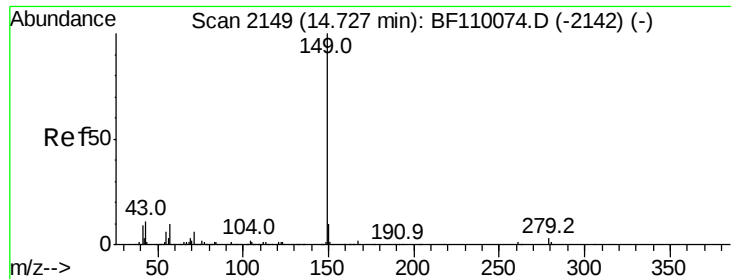
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 73.886 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	19.8	29.8
279	3.8	2.7	4.1





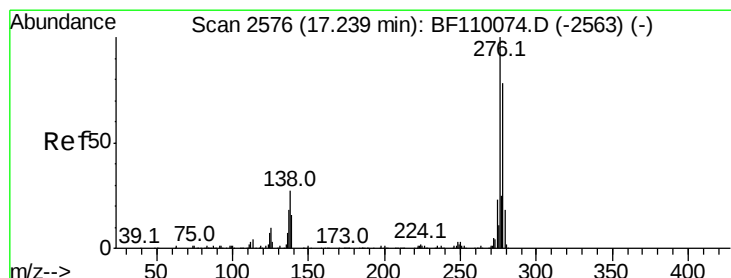
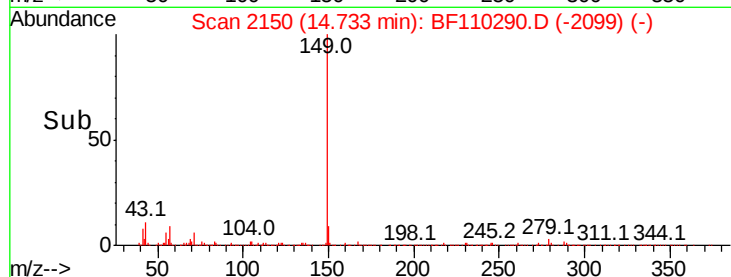
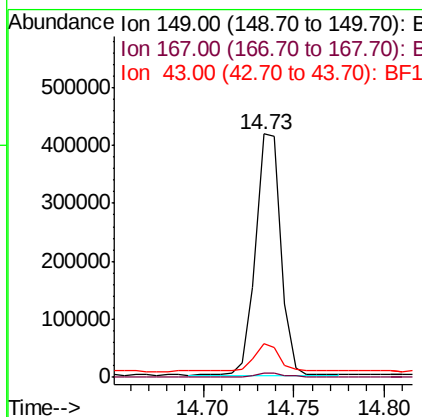
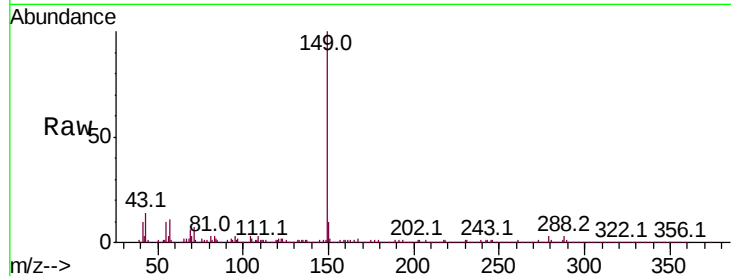
#85
Di-n-octyl phthalate
Concen: 47.039 ng
RT: 14.73 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.8	1.1	1.7#	
43	11.3	7.8	11.8	

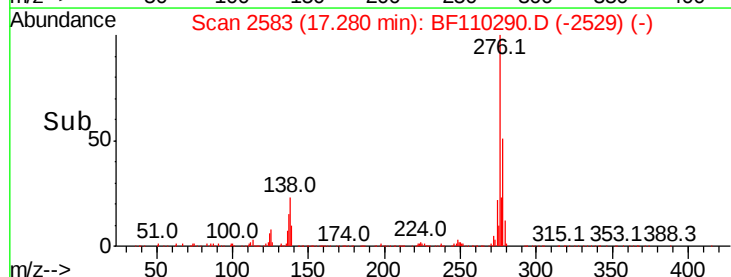
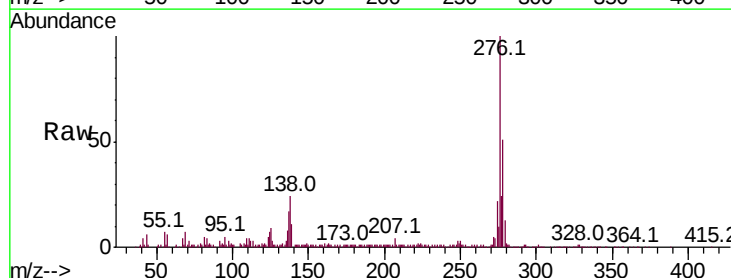
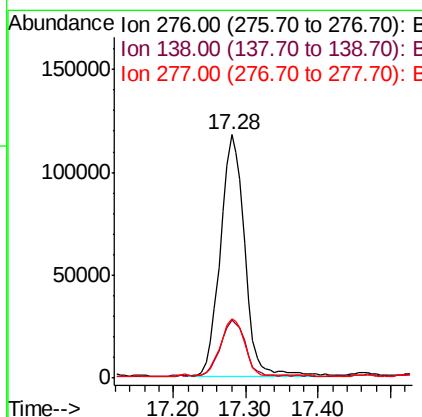
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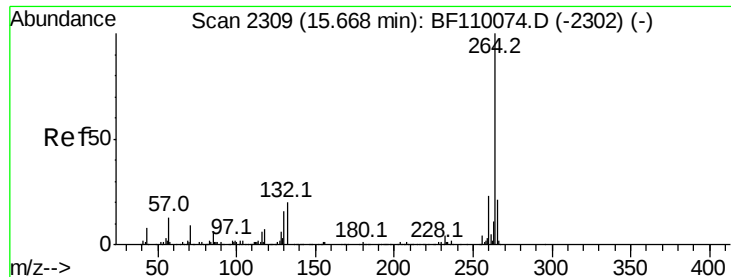
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.224 ng
RT: 17.28 min Scan# 2583
Delta R.T. 0.02 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	23.9	18.5	27.7	
277	23.7	20.0	30.0	





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2314

Delta R.T. 0.01 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

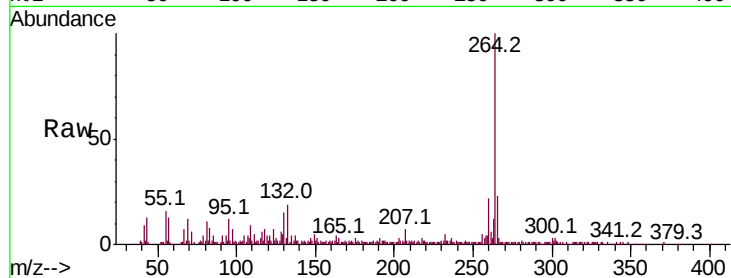
ClientSampleId :

DL-SED-01MS

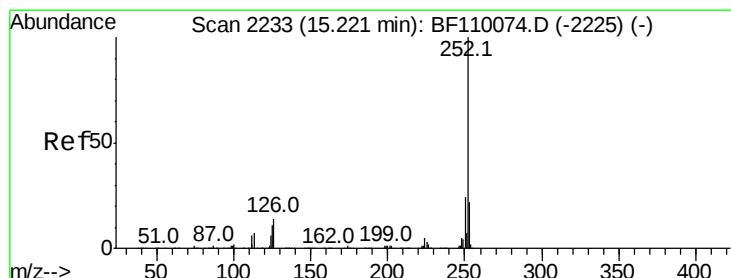
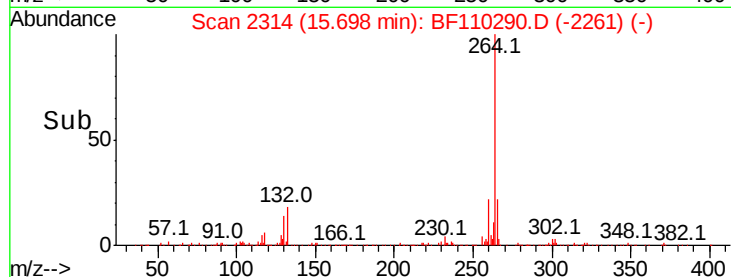
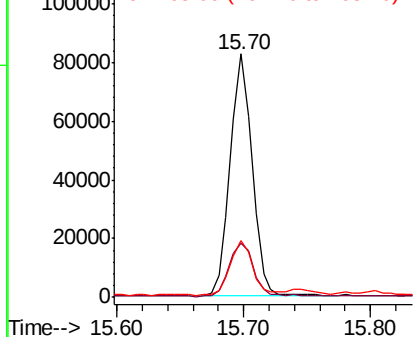
Tot Ion:	264	Resp:	99222
Ion Ratio	Lower	Upper	
264	100		
260	22.2	18.7	28.1
265	23.1	16.7	25.1

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



#88

Benzo(b)fluoranthene

Concen: 63.423 ng

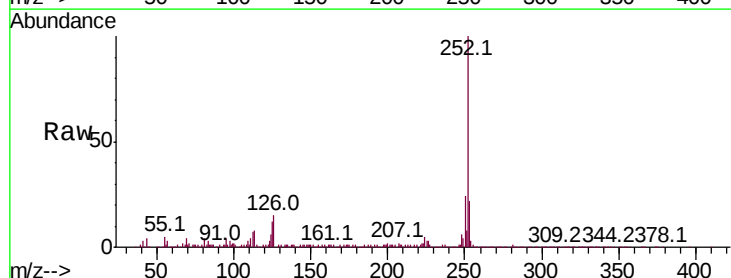
RT: 15.24 min Scan# 2236

Delta R.T. 0.01 min

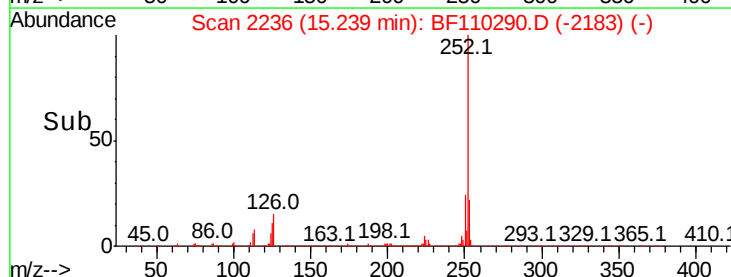
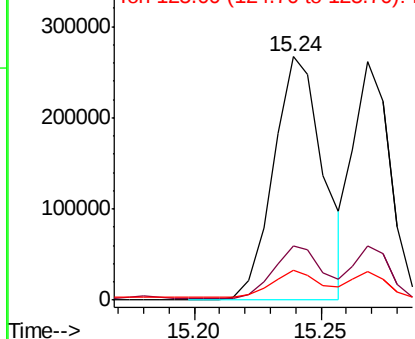
Lab File: BF110290.D

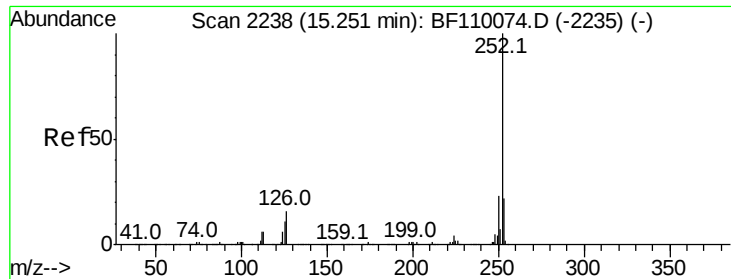
Acq: 30 Oct 2018 4:03

Tgt Ion:	252	Resp:	363393
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	12.0	8.2	12.4



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





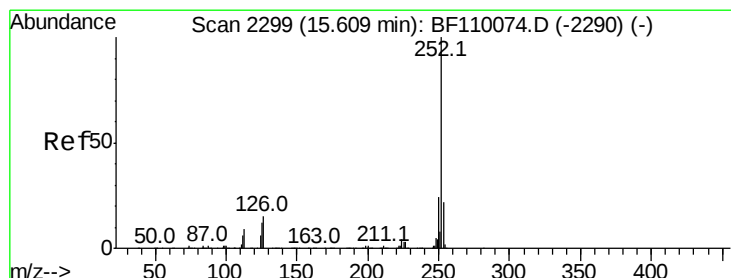
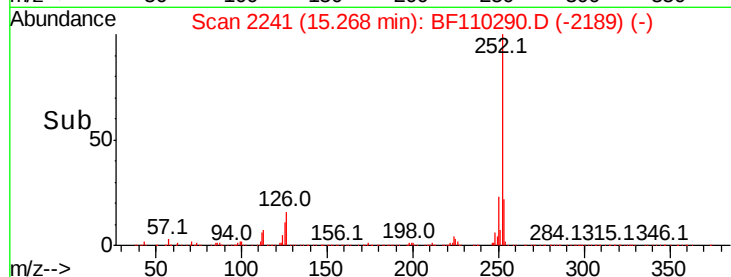
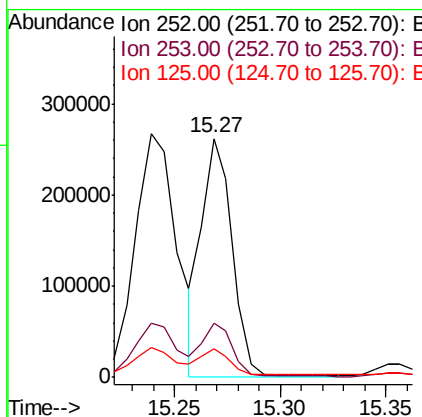
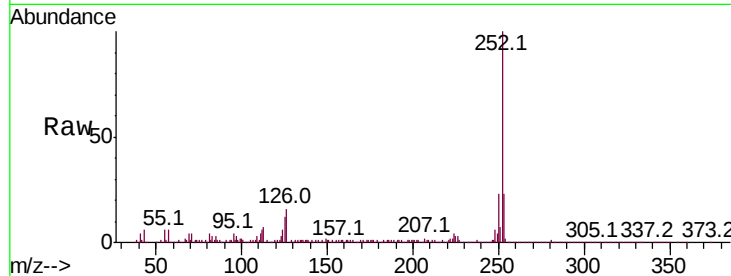
#89
Benzo(k)fluoranthene
Concen: 46.642 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Instrument :
BNA_F
ClientSampleId :
DL-SED-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.9	7.4	11.0

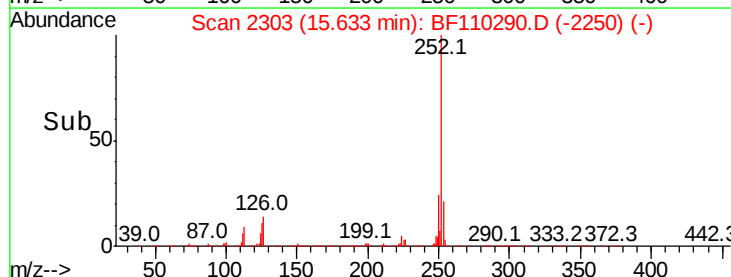
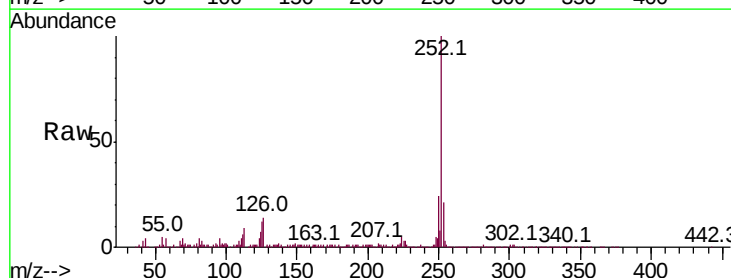
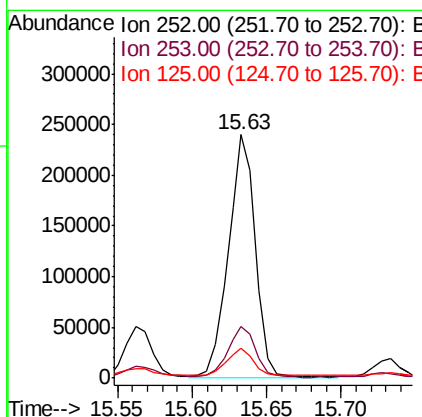
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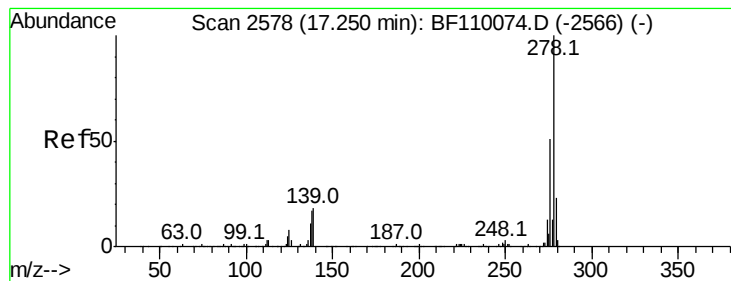
Sohil
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#90
Benzo(a)pyrene
Concen: 57.152 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BF110290.D
Acq: 30 Oct 2018 4:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	12.5	9.0	13.6





#91

Dibenzo(a,h)anthracene

Concen: 41.049 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.02 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Instrument :

BNA_F

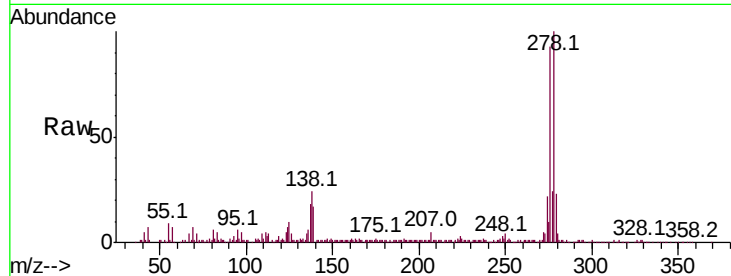
ClientSampleId :

DL-SED-01MS

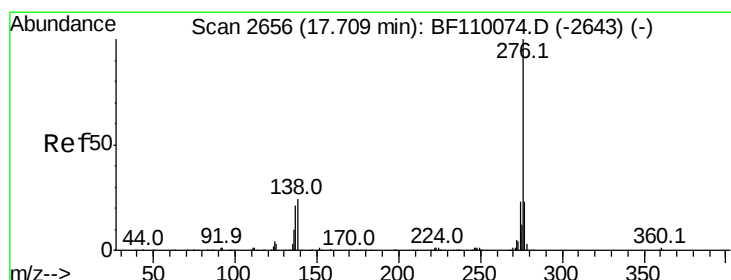
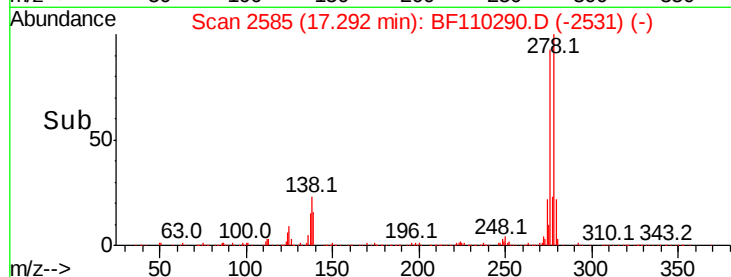
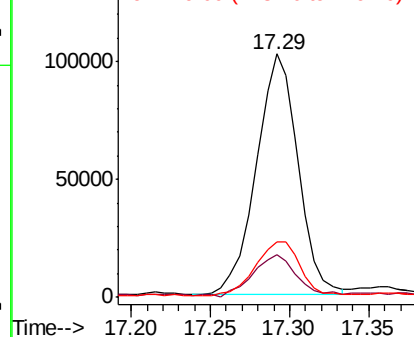
Tot Ion:	278	Resp:	186739
Ion Ratio	Lower	Upper	
278	100		
139	17.3	12.7	19.1
279	22.8	19.0	28.4

Manual Integrations
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10/30/2018 3:04:41 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: 49.545 ng

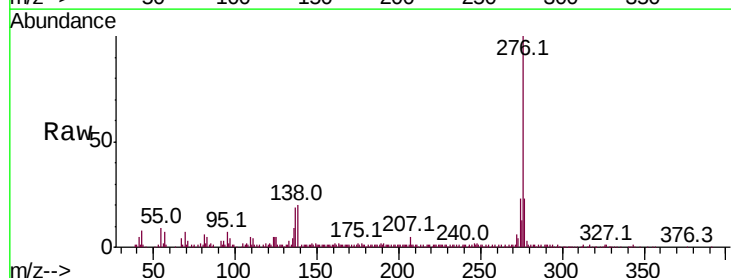
RT: 17.76 min Scan# 2665

Delta R.T. 0.02 min

Lab File: BF110290.D

Acq: 30 Oct 2018 4:03

Tgt Ion:	276	Resp:	222101
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	19.7	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

