

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110263.D
 Acq On : 29 Oct 2018 15:33
 Operator : JU/SJ
 Sample : J5649-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DL-03AMS

Manual Integrations
 APPROVED

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

Quant Time: Oct 30 07:15:16 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	107307	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	433877	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	186960	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	296529	20.00	ng	0.00
76) Chrysene-d12	14.16	240	206346	20.00	ng	0.00
87) Perylene-d12	15.69	264	180194	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	731374	110.99	ng	0.00
7) Phenol-d6	6.60	99	943024	111.89	ng	0.00
23) Nitrobenzene-d5	7.53	82	579126	79.17	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	203783	110.04	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1074856	90.28	ng	0.00
79) Terphenyl-d14	13.09	244	868987	87.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	70639	20.461	ng	91
3) Pyridine	3.63	79	162748	21.165	ng	89
4) n-Nitrosodimethylamine	3.58	42	122888	38.145	ng	89
6) Aniline	6.63	93	251143	22.874	ng	# 55
8) 2-Chlorophenol	6.76	128	279922	36.846	ng	98
9) Benzaldehyde	6.52	77	141861	26.276	ng	98
10) Phenol	6.61	94	398559	44.238	ng	# 66
11) bis(2-Chloroethyl)ether	6.70	93	255597	34.483	ng	95
12) 1,3-Dichlorobenzene	6.91	146	279408	33.420	ng	99
13) 1,4-Dichlorobenzene	6.99	146	285328	33.744	ng	99
14) 1,2-Dichlorobenzene	7.14	146	268786	34.242	ng	99
15) Benzyl Alcohol	7.11	79	244160	37.664	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	408257	34.448	ng	69
17) 2-Methylphenol	7.22	107	226918	37.478	ng	# 80
18) Hexachloroethane	7.48	117	98642	31.864	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	189578	35.060	ng	96
20) 3+4-Methylphenols	7.37	107	290750	37.150	ng	94
22) Acetophenone	7.38	105	383604	38.370	ng	98
24) Nitrobenzene	7.55	77	280171	37.098	ng	98
25) Isophorone	7.79	82	515890	41.373	ng	97
26) 2-Nitrophenol	7.87	139	140614	39.126	ng	92
27) 2,4-Dimethylphenol	7.90	122	255544	42.888	ng	98
28) bis(2-Chloroethoxy)methane	7.99	93	328812	38.817	ng	99
29) 2,4-Dichlorophenol	8.11	162	229066	38.053	ng	99
30) 1,2,4-Trichlorobenzene	8.19	180	245386	36.392	ng	95
31) Naphthalene	8.27	128	796323	39.822	ng	100
32) Benzoic acid	7.99	122	60602	13.160	ng	98
33) 4-Chloroaniline	8.32	127	124398	13.822	ng	98
34) Hexachlorobutadiene	8.39	225	134810	36.008	ng	97
35) Caprolactam	8.69	113	79134m	37.716	ng	
36) 4-Chloro-3-methylphenol	8.80	107	245278	37.680	ng	94
37) 2-Methylnaphthalene	8.97	142	549281	41.516	ng	99
38) 1-Methylnaphthalene	9.07	142	509902	39.881	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	229180	39.342	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	87599	29.409	nq	98
43) 2,4,6-Trichlorophenol	9.25	196	149429	39.771	nq	94
44) 2,4,5-Trichlorophenol	9.29	196	160622	40.443	nq	96
46) 1,1'-Biphenyl	9.43	154	653848	38.674	nq	98
47) 2-Chloronaphthalene	9.46	162	481547	38.829	nq	99
48) 2-Nitroaniline	9.56	65	146012	38.853	nq	89
49) Acenaphthylene	9.88	152	729261	40.713	nq	99
50) Dimethylphthalate	9.73	163	748703	54.250	nq	99
51) 2,6-Dinitrotoluene	9.80	165	116545	39.204	nq #	85
52) Acenaphthene	10.05	154	455557	38.444	nq	98
53) 3-Nitroaniline	9.96	138	92143	26.064	nq	94
54) 2,4-Dinitrophenol	10.07	184	21958	22.582	nq	87
55) Dibenzofuran	10.22	168	642412	38.721	nq	96
56) 4-Nitrophenol	10.13	139	234377	89.578	nq	97
57) 2,4-Dinitrotoluene	10.20	165	145813	38.616	nq #	83
58) Fluorene	10.56	166	492635	39.897	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.34	232	122349	37.795	nq	96
60) Diethylphthalate	10.43	149	547458	40.637	nq	99
61) 4-Chlorophenyl-phenylether	10.55	204	242956	37.299	nq	98
62) 4-Nitroaniline	10.58	138	107480	30.568	nq	94
63) Azobenzene	10.71	77	497523	37.205	nq	97
65) 4,6-Dinitro-2-methylphenol	10.61	198	21936	16.192	nq	90
66) n-Nitrosodiphenylamine	10.67	169	436502	44.879	nq	96
67) 4-Bromophenyl-phenylether	11.05	248	137045	42.607	nq	96
68) Hexachlorobenzene	11.12	284	132877	38.935	nq	98
69) Atrazine	11.19	200	134127	43.637	nq	97
70) Pentachlorophenol	11.31	266	113941	57.256	nq	95
71) Phenanthrene	11.53	178	645311	41.591	nq	99
72) Anthracene	11.59	178	647771	41.652	nq	99
73) Carbazole	11.74	167	545182	35.903	nq	99
74) Di-n-butylphthalate	12.05	149	742520	43.296	nq	99
75) Fluoranthene	12.73	202	588975	37.403	nq	99
77) Benzidine	12.84	184	142221	18.920	nq	97
78) Pyrene	12.96	202	587314	39.702	nq	99
80) Butylbenzylphthalate	13.56	149	259838	40.468	nq	99
81) Benzo(a)anthracene	14.14	228	520962	42.574	nq	99
82) 3,3'-Dichlorobenzidine	14.10	252	152739	35.845	nq	99
83) Chrysene	14.19	228	496604	42.728	nq	99
84) Bis(2-ethylhexyl)phthalate	14.11	149	357552	41.194	nq	97
85) Di-n-octyl phthalate	14.73	149	612944	45.415	nq	98
86) Indeno(1,2,3-cd)pyrene	17.26	276	374448	38.835	nq	97
88) Benzo(b)fluoranthene	15.23	252	462925	44.488	nq	100
89) Benzo(k)fluoranthene	15.26	252	435788	42.600	nq	98
90) Benzo(a)pyrene	15.62	252	403889	42.183	nq	99
91) Dibenzo(a,h)anthracene	17.27	278	321350	38.897	nq	98
92) Benzo(g,h,i)perylene	17.74	276	297650	36.561	nq	98

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

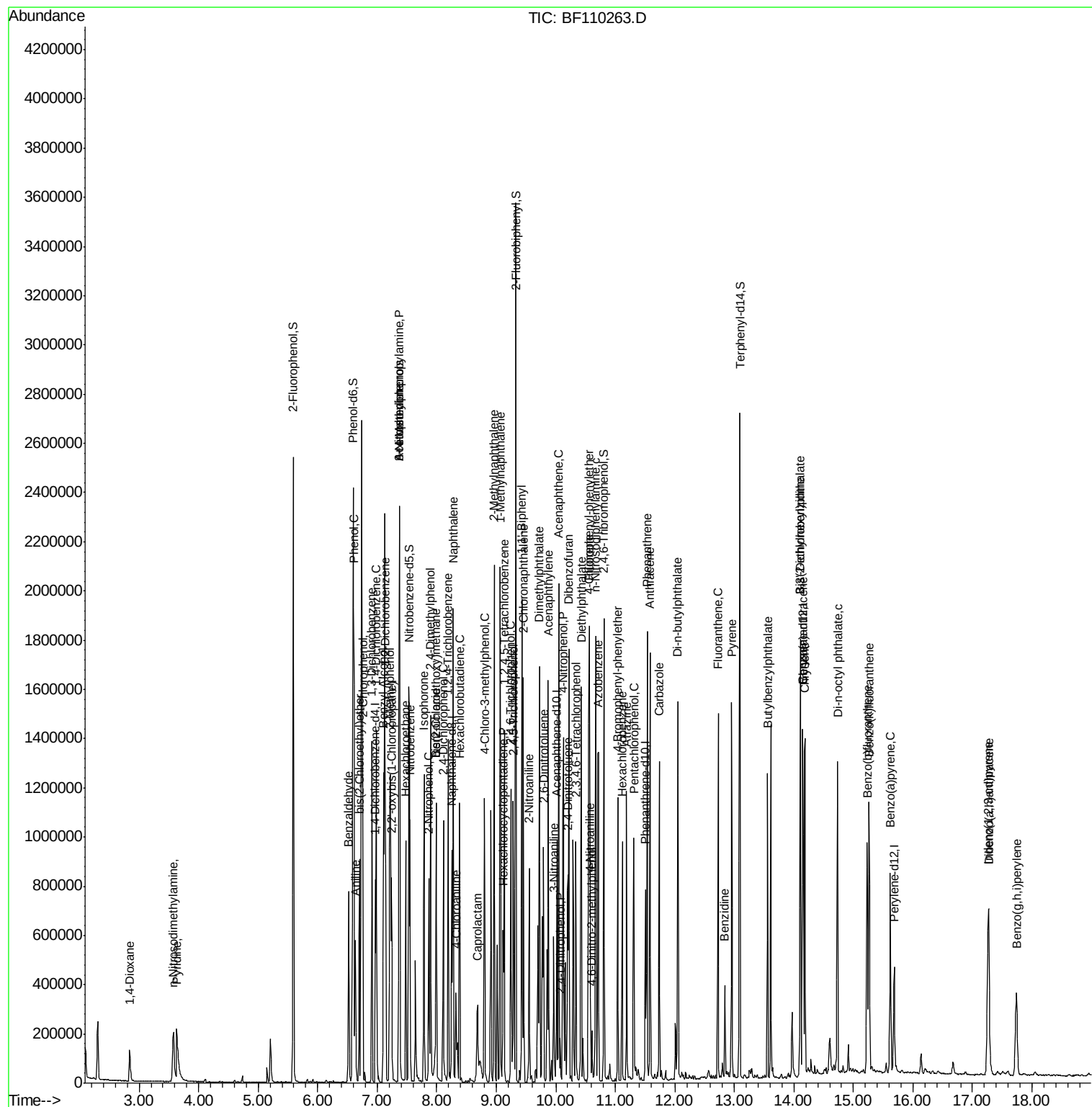
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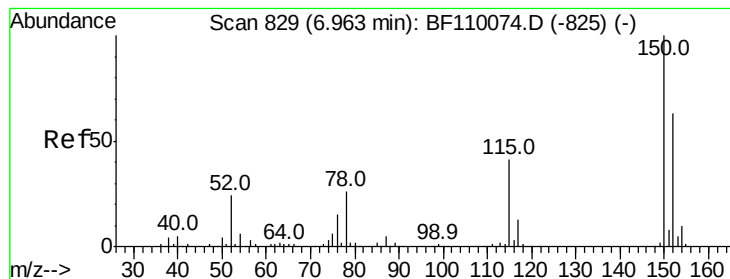
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

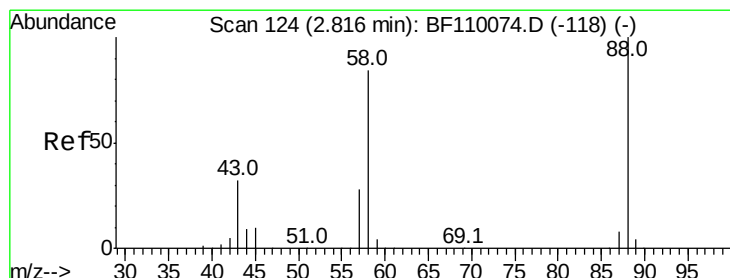
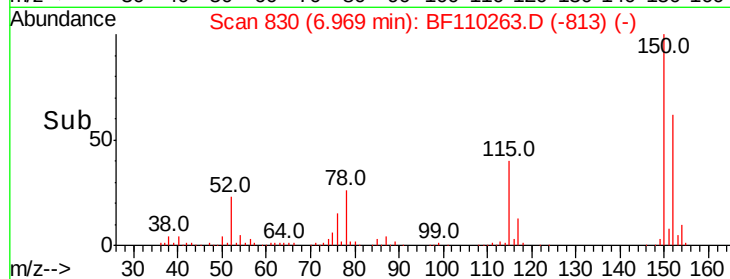
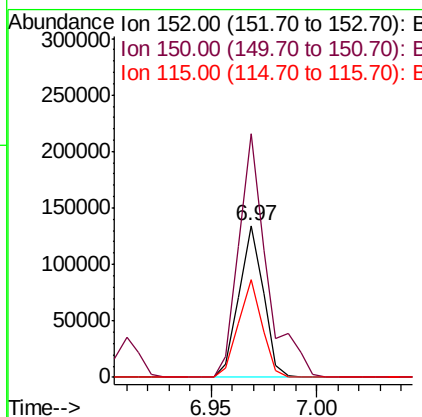
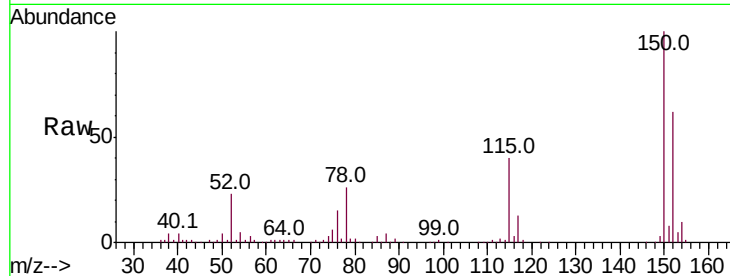
ClientSampleId :

DL-03AMS

Tot Ion:	152	Resp:	107307
Ion Ratio	Lower	Upper	
152	100		
150	160.7	122.7	184.1
115	64.7	49.1	73.7

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#2

1,4-Dioxane

Concen: 20.461 ng

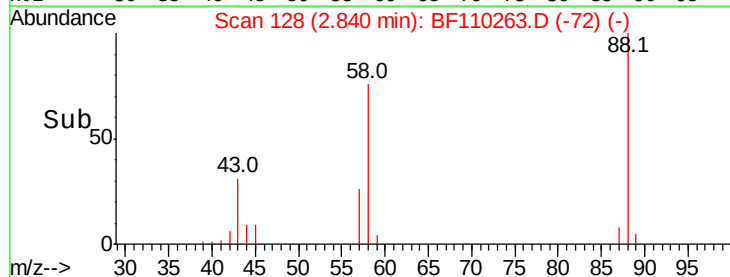
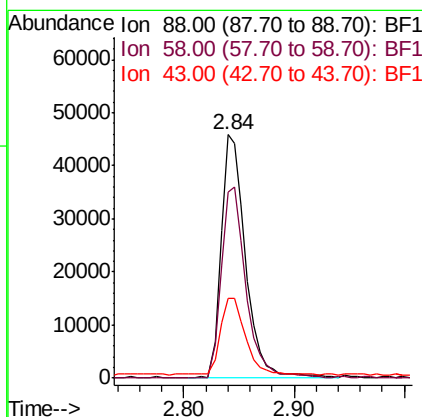
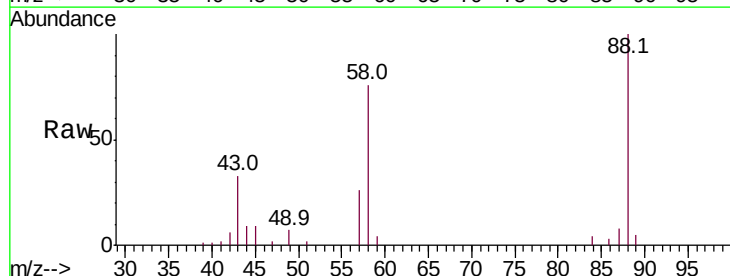
RT: 2.84 min Scan# 128

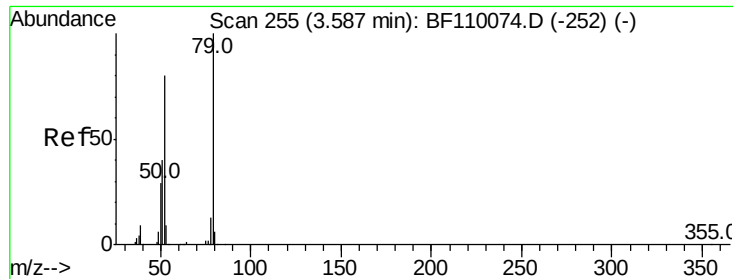
Delta R.T. 0.03 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:	88	Resp:	70639
Ion Ratio	Lower	Upper	
88	100		
58	79.8	57.1	85.7
43	33.4	24.1	36.1





#3

Pvridine

Concen: 21.165 ng

RT: 3.63 min Scan# 262

Delta R.T. 0.04 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

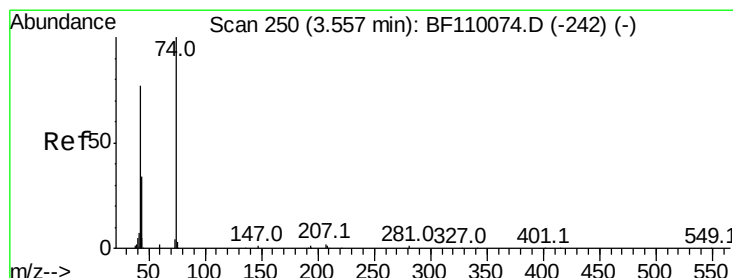
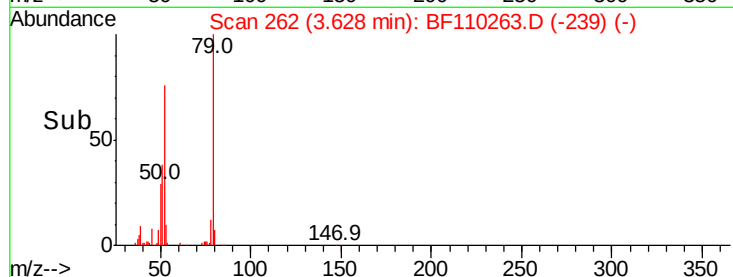
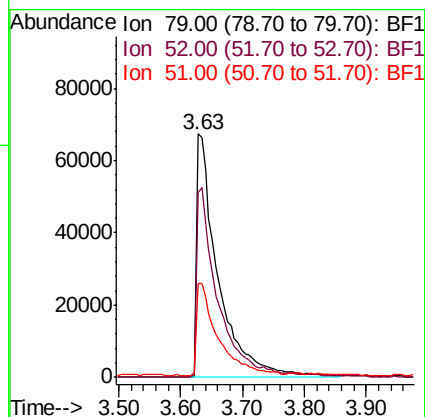
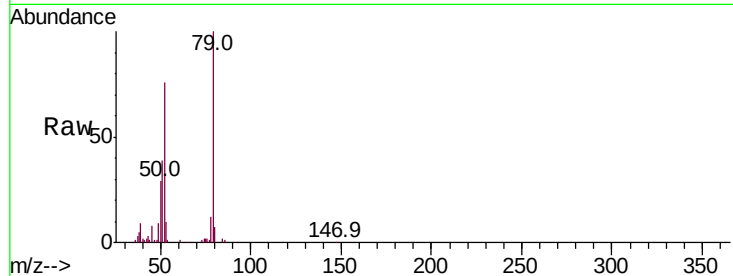
ClientSampleId :

DL-03AMS

Tot Ion:	79	Resp:	162748
Ion Ratio	Lower	Upper	
79	100		
52	76.0	53.1	79.7
51	38.6	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 38.145 ng

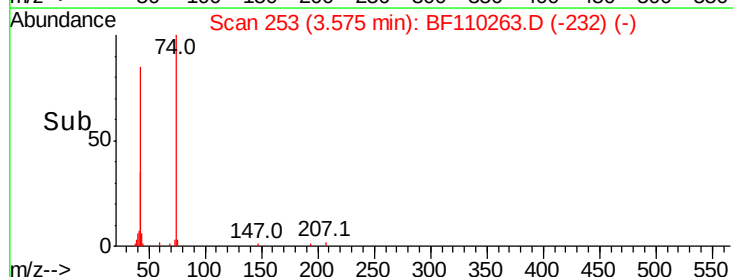
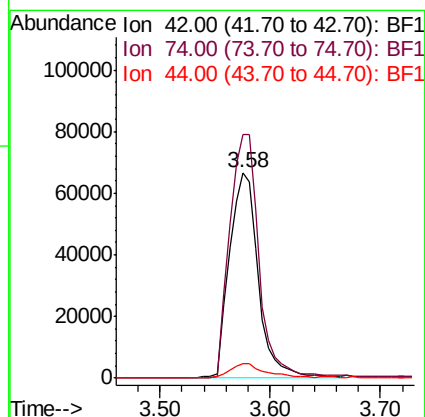
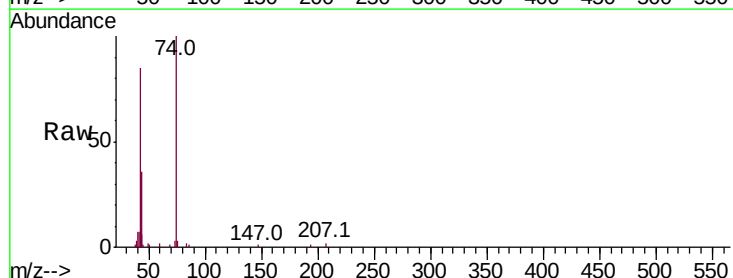
RT: 3.58 min Scan# 253

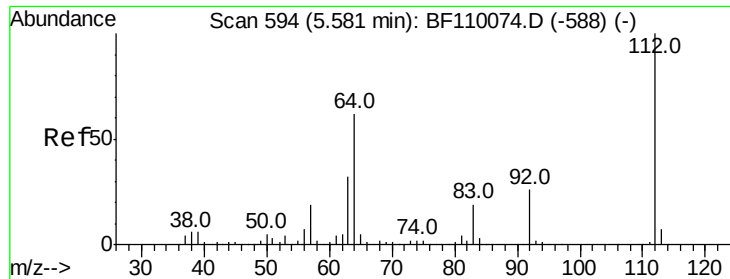
Delta R.T. 0.02 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:	42	Resp:	122888
Ion Ratio	Lower	Upper	
42	100		
74	118.3	105.5	158.3
44	7.1	4.9	7.3





#5

2-Fluorophenol

Concen: 110.991 ng

RT: 5.59 min Scan# 596

Delta R.T. 0.01 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

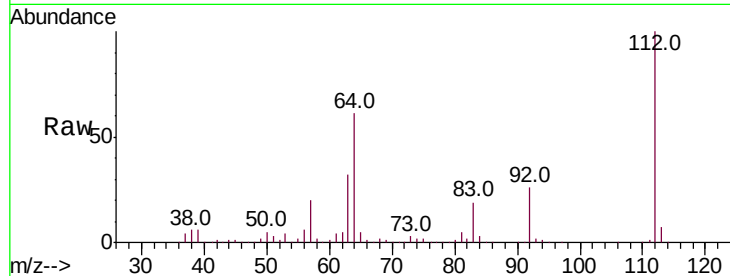
ClientSampleID :

DL-03AMS

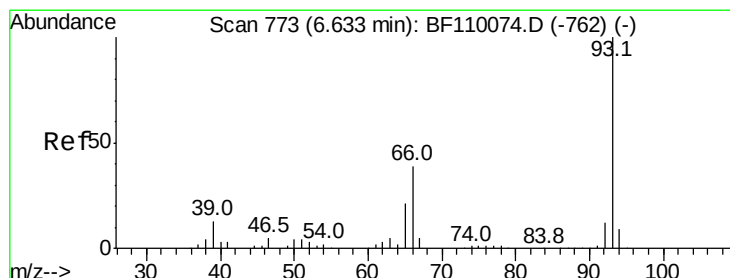
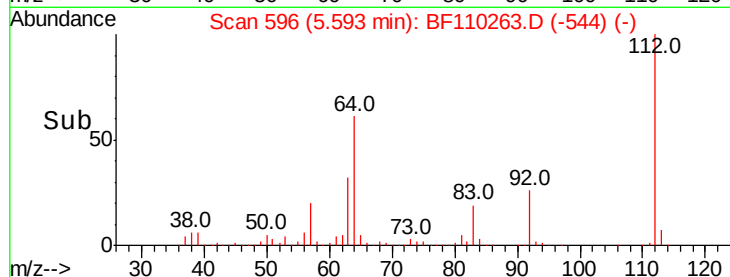
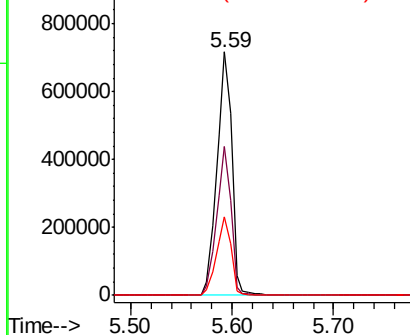
Tot Ion:	112	Resp:	731374
Ion Ratio	Lower	Upper	
112	100		
64	61.0	44.1	66.1
63	32.3	23.7	35.5

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



#6

Aniline

Concen: 22.874 ng

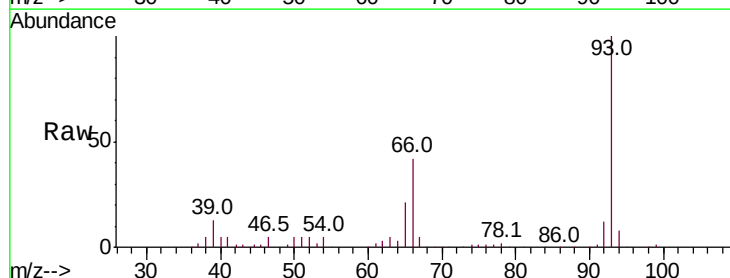
RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

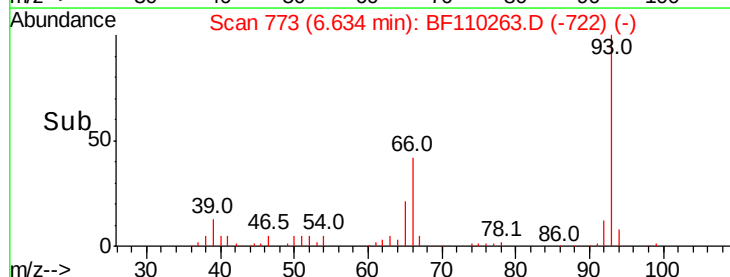
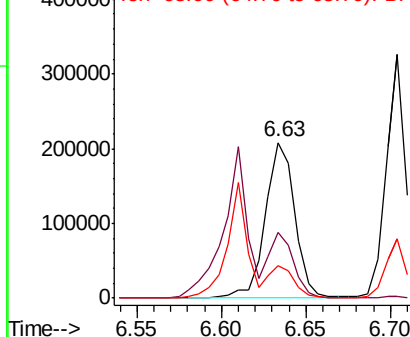
Lab File: BF110263.D

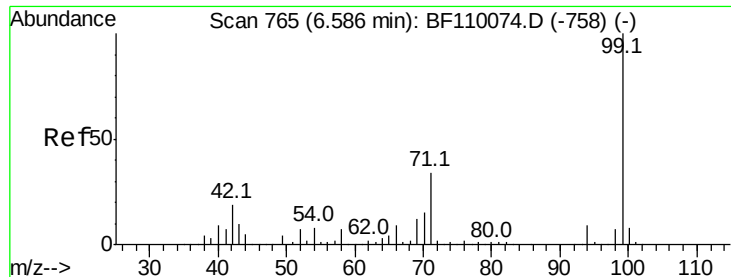
Acq: 29 Oct 2018 15:33

Tgt Ion:	93	Resp:	251143
Ion Ratio	Lower	Upper	
93	100		
66	41.9	67.4	101.0#
65	21.0	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: 111.885 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

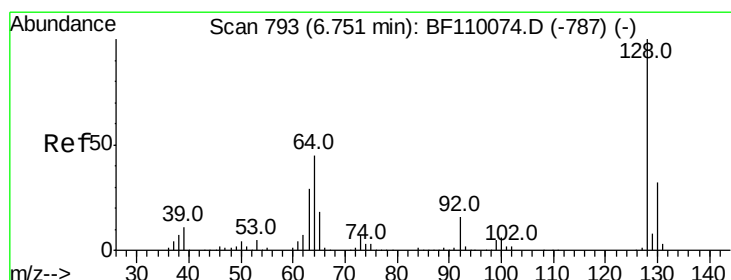
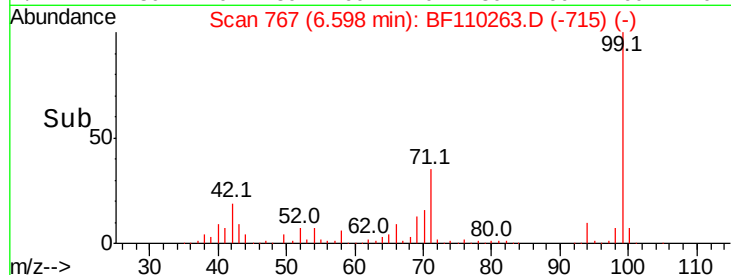
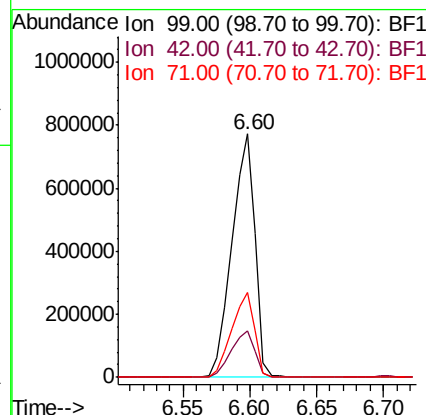
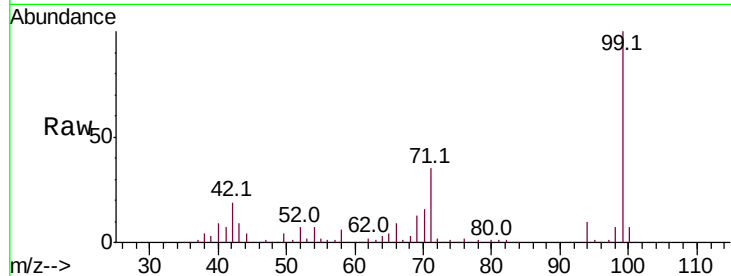
ClientSampled :

DL-03AMS

Tot Ion:	99	Resp:	943024
Ion Ratio	Lower	Upper	
99	100		
42	18.9	15.8	23.6
71	35.1	28.0	42.0

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#8

2-Chlorophenol

Concen: 36.846 ng

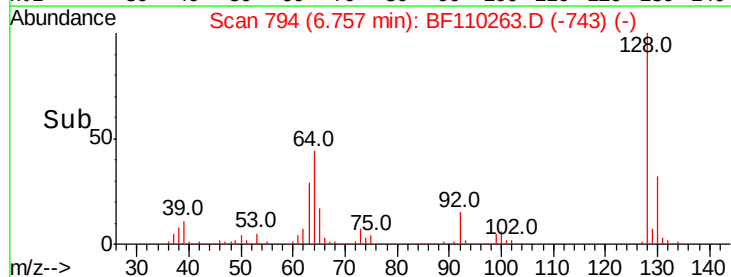
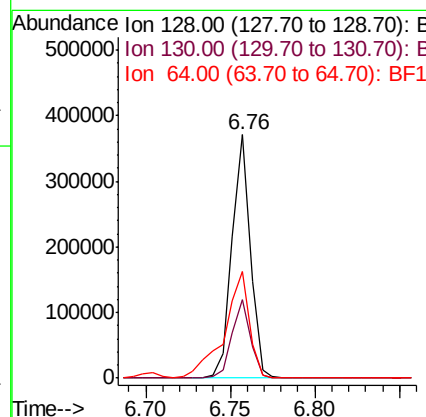
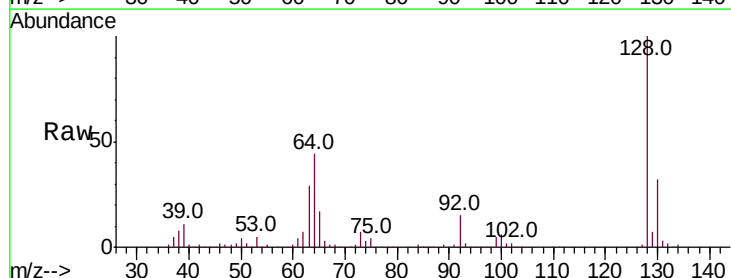
RT: 6.76 min Scan# 794

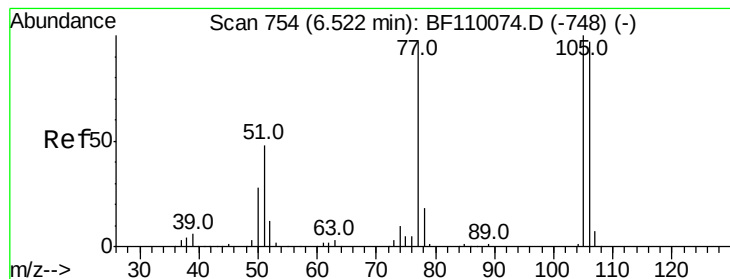
Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:	128	Resp:	279922
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.1	53.1
64	44.1	26.0	66.0





#9

Benzaldehyde

Concen: 26.276 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

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Acq: 29 Oct 2018 15:33

Instrument :

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ClientSampleId :

DL-03AMS

Tot Ion: 77 Resp: 141861
Ion Ratio Lower Upper

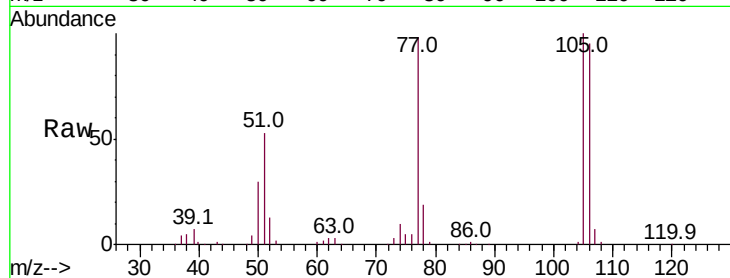
77 100

105 101.7 78.6 118.6

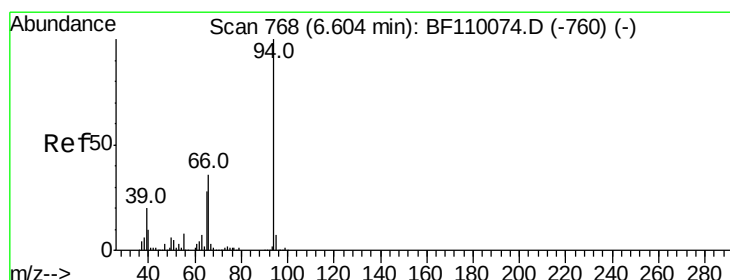
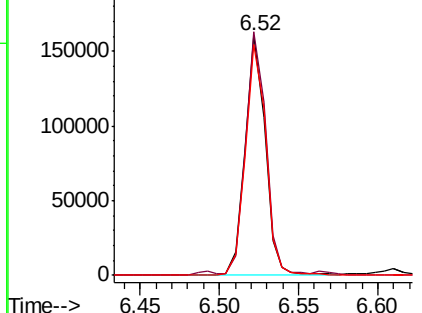
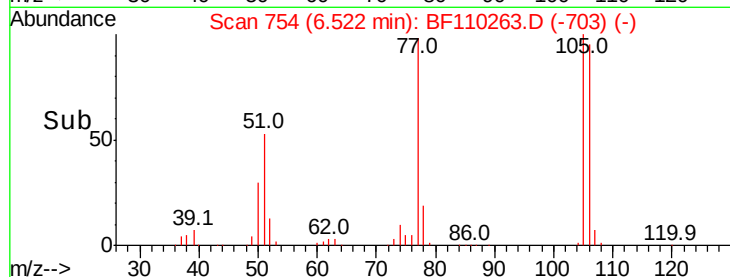
106 96.2 74.8 114.8

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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: 44.238 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF110263.D

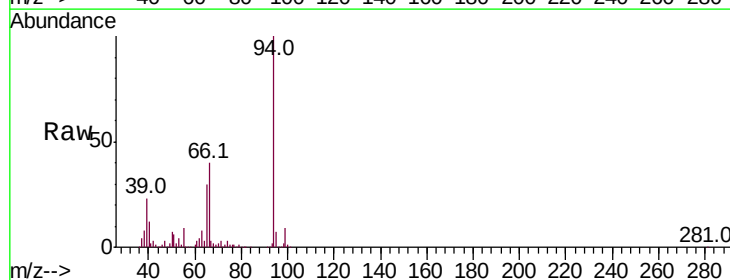
Acq: 29 Oct 2018 15:33

Tgt Ion: 94 Resp: 398559
Ion Ratio Lower Upper

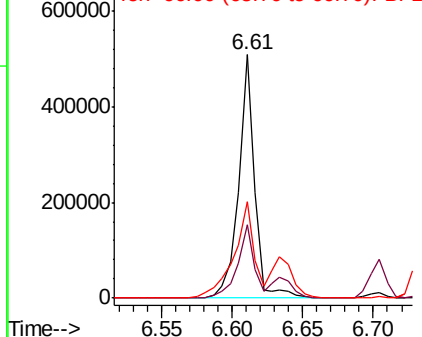
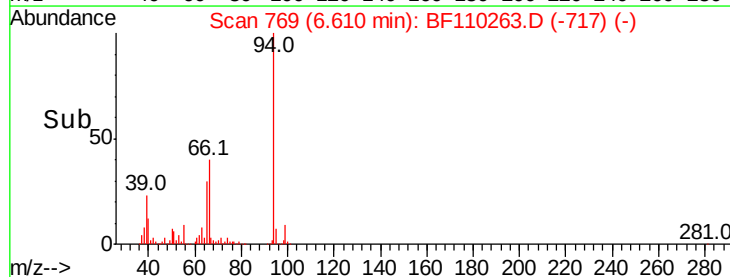
94 100

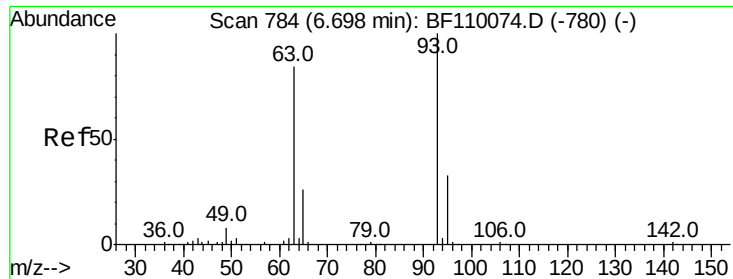
65 30.3 25.3 65.3

66 39.7 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





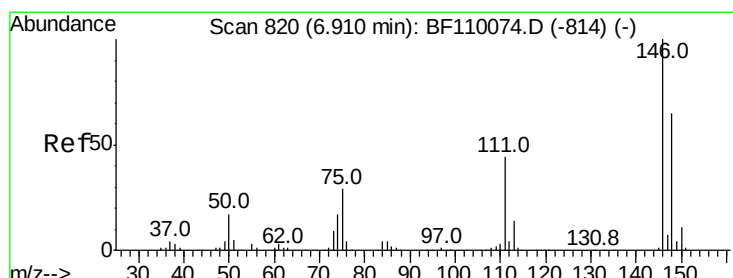
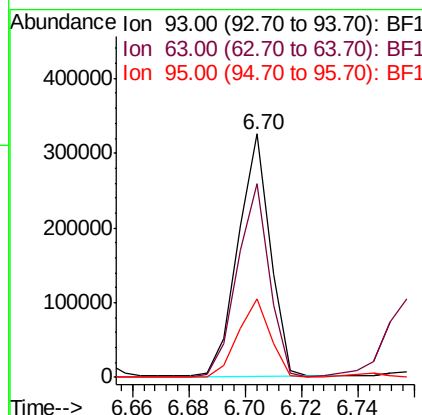
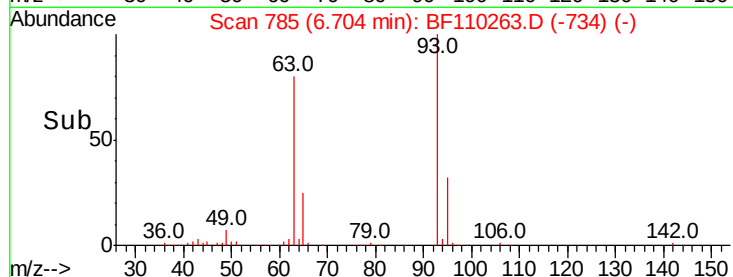
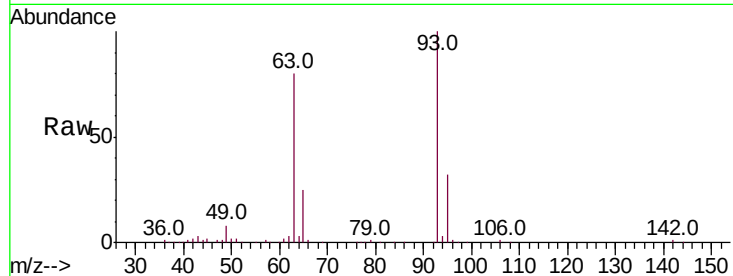
#11
bis(2-Chloroethyl)ether
Concen: 34.483 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	93	Ratio	100	Resp	255597	Lower	Upper
93	100						
63	79.7			53.4		93.4	
95	32.2			12.1		52.1	

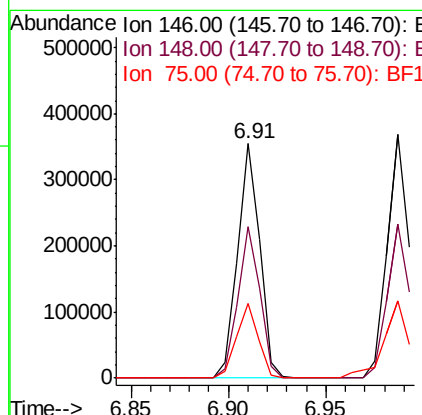
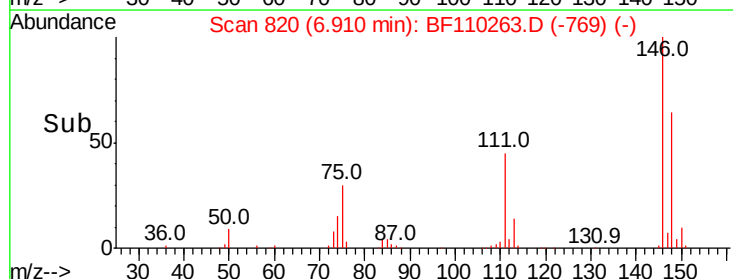
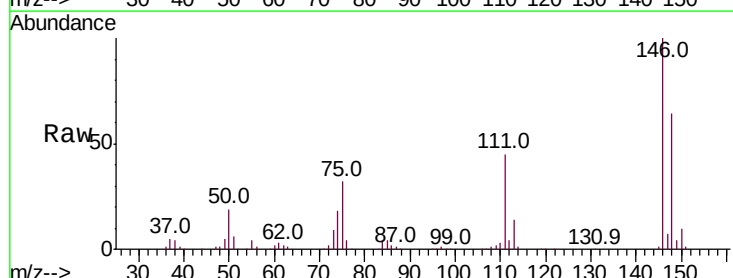
Manual Integrations
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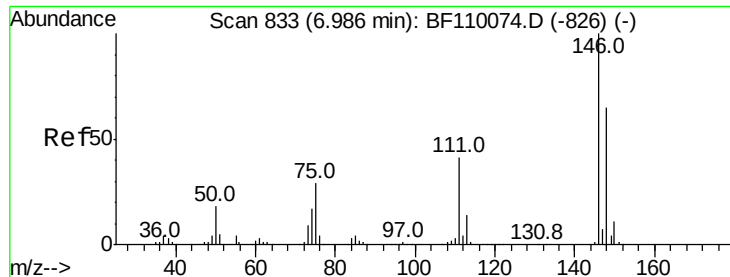
Sohil
10/30/2018 2:24:09 PM



#12
1,3-Dichlorobenzene
Concen: 33.420 ng
RT: 6.91 min Scan# 820
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	146	Ratio	100	Resp	279408	Lower	Upper
146	100						
148	64.3			50.4		75.6	
75	31.7			25.8		38.6	





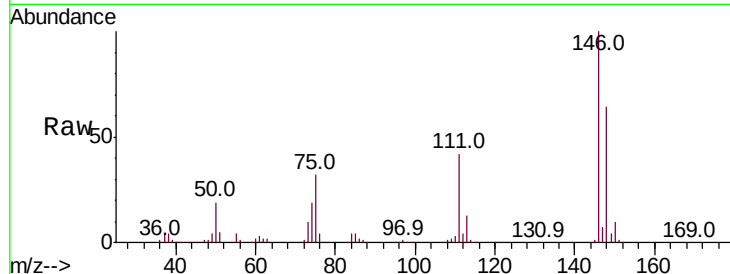
#13
1,4-Dichlorobenzene
Concen: 33.744 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampled :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	42.1	32.7	49.1

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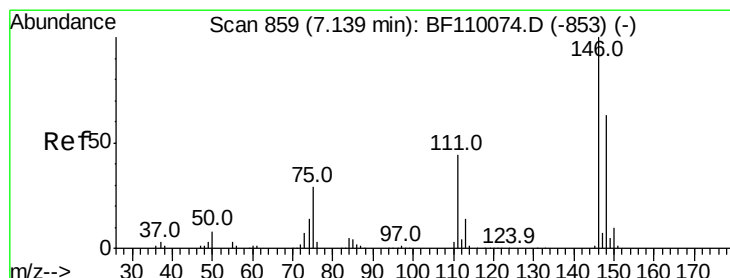
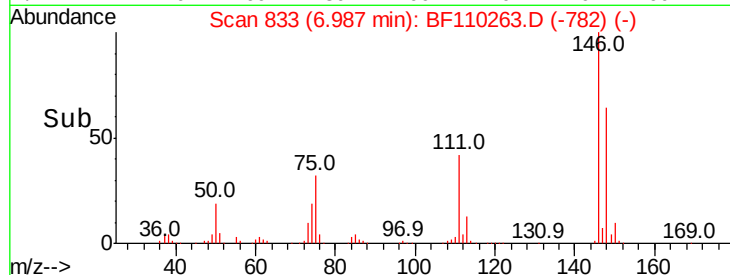
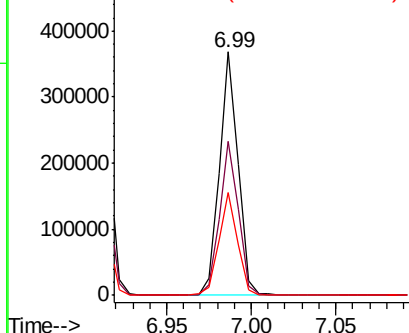


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 34.242 ng
RT: 7.14 min Scan# 859
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

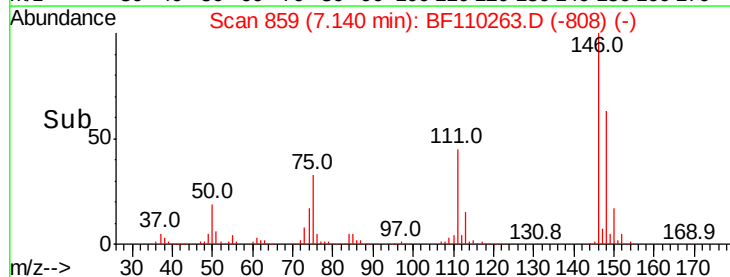
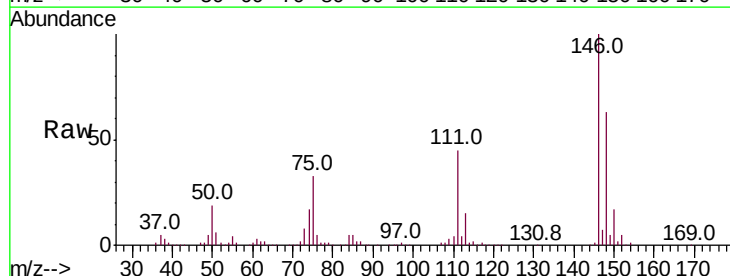
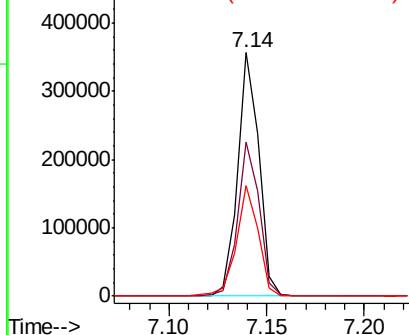
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.1	76.7
111	45.3	35.8	53.6

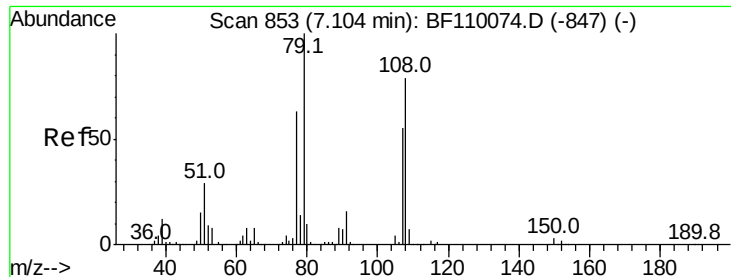
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.664 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

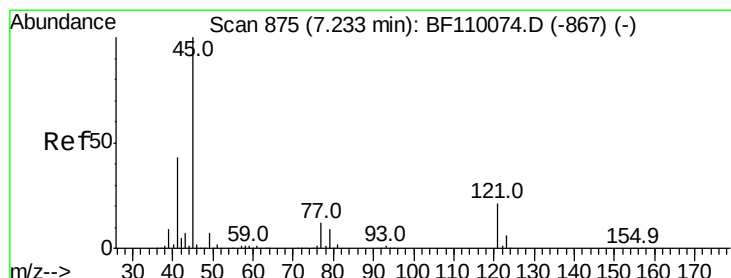
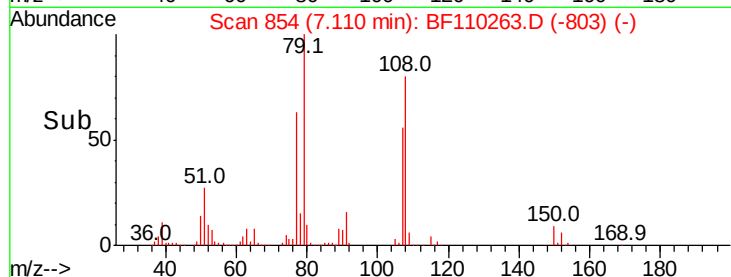
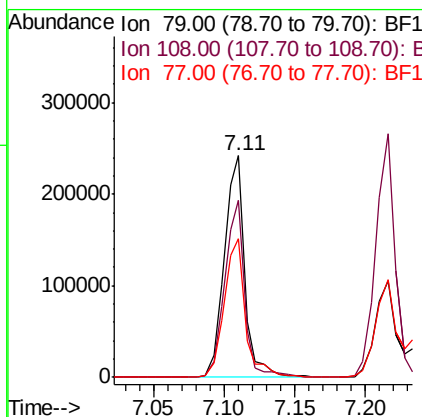
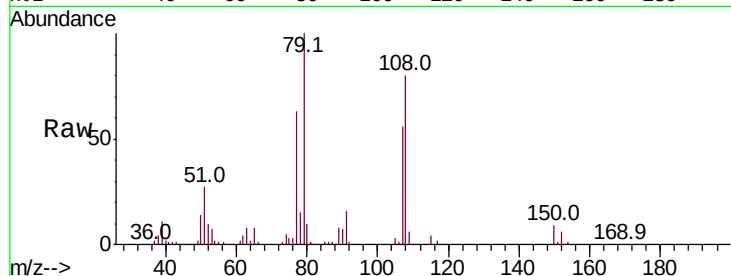
ClientSampled :

DL-03AMS

Tot Ion:	79	Resp:	244160
Ion Ratio	Lower	Upper	
79	100		
108	79.7	56.3	84.5
77	62.7	52.9	79.3

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.448 ng

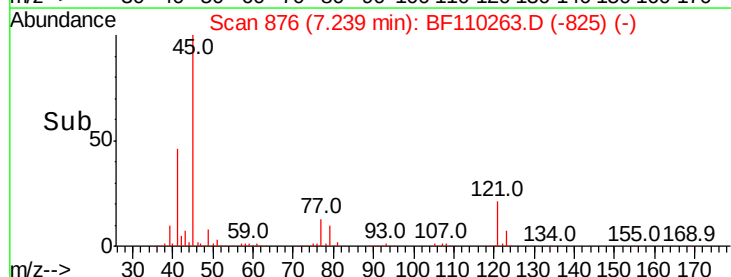
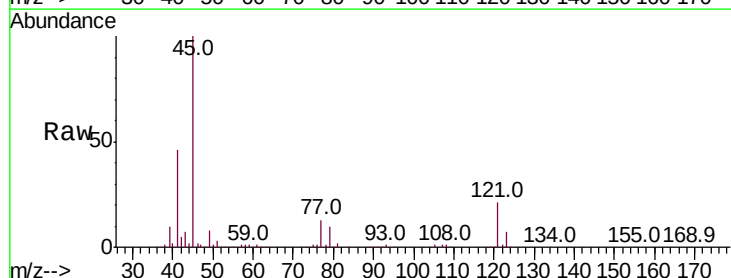
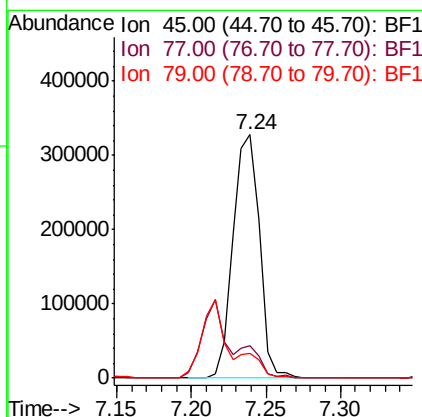
RT: 7.24 min Scan# 876

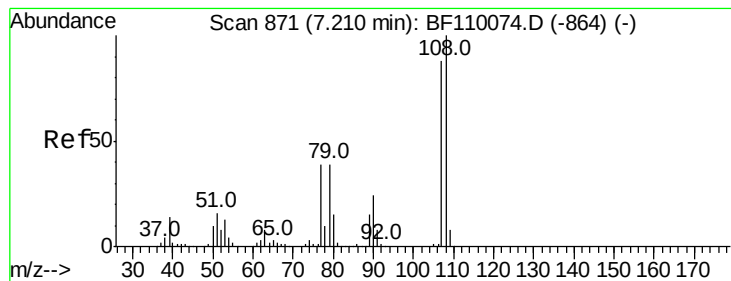
Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:	45	Resp:	408257
Ion Ratio	Lower	Upper	
45	100		
77	13.3	10.0	50.0
79	10.4	6.1	46.1





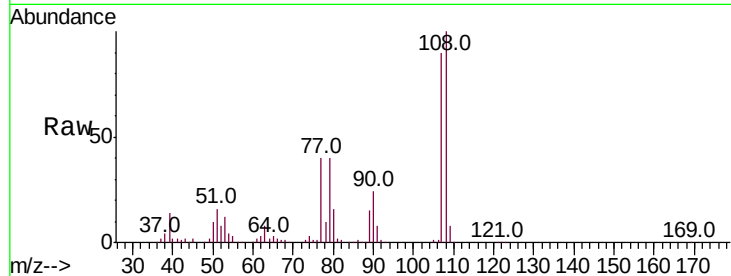
#17
2-Methylphenol
Concen: 37.478 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	92.6	138.8	
77	44.1	59.4	89.2#	
79	43.8	54.0	81.0#	

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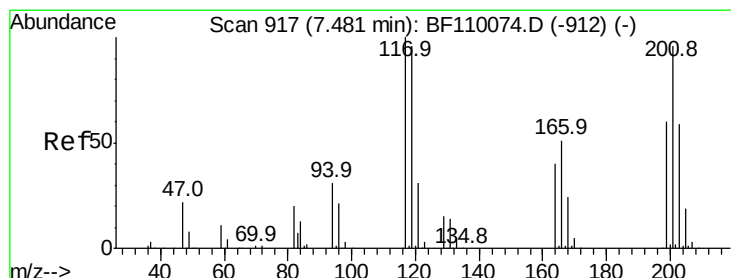
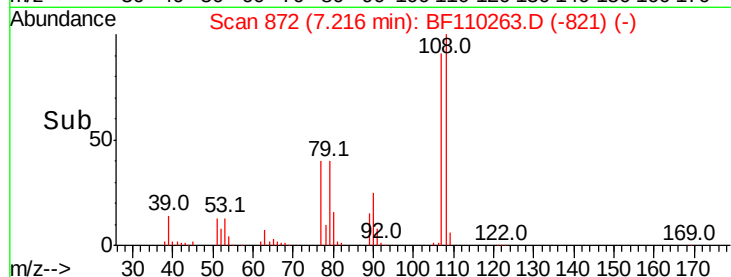
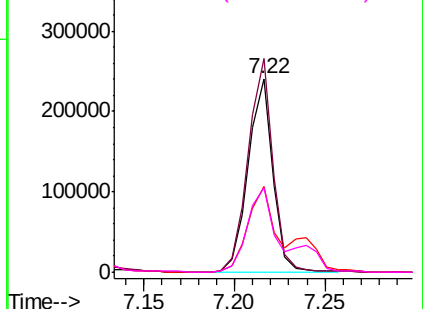
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 31.864 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

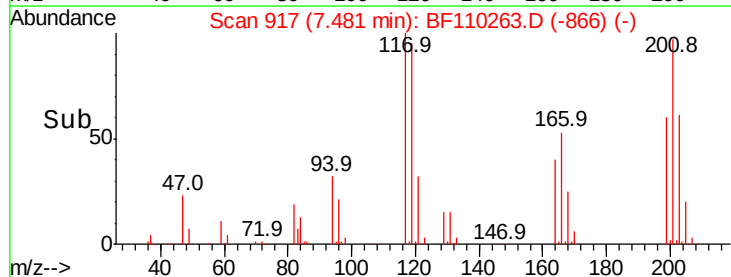
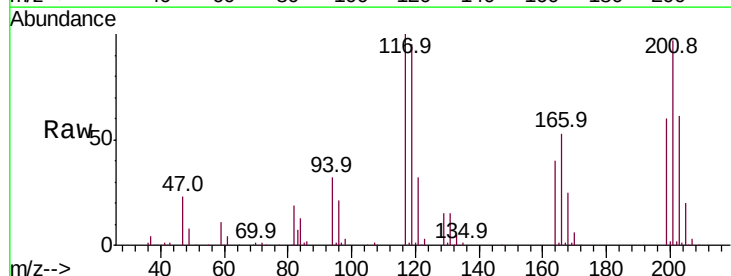
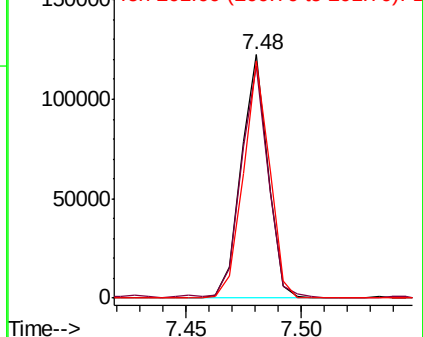
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	75.0	112.6	
201	97.4	79.2	118.8	

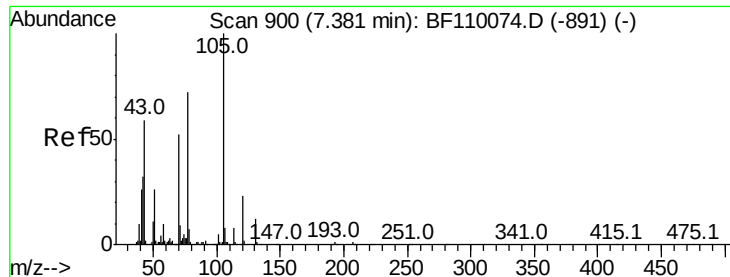
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





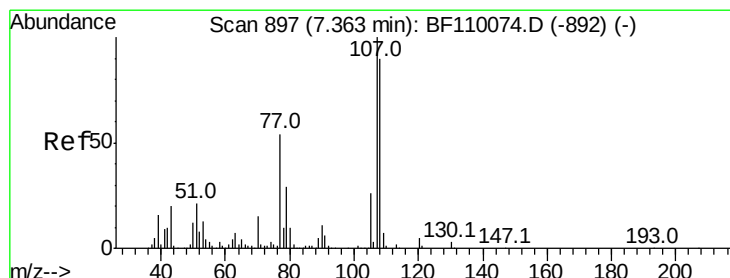
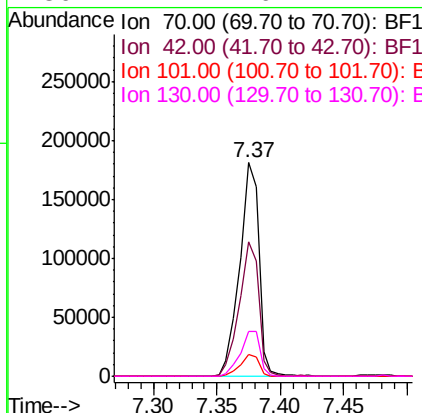
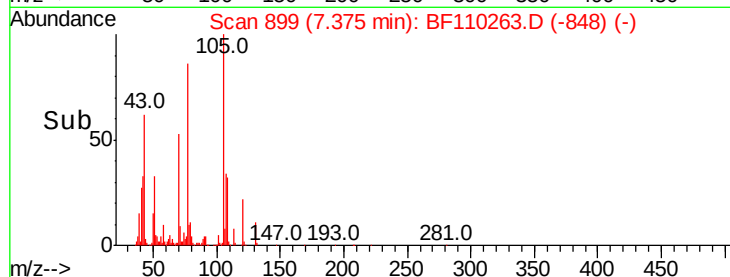
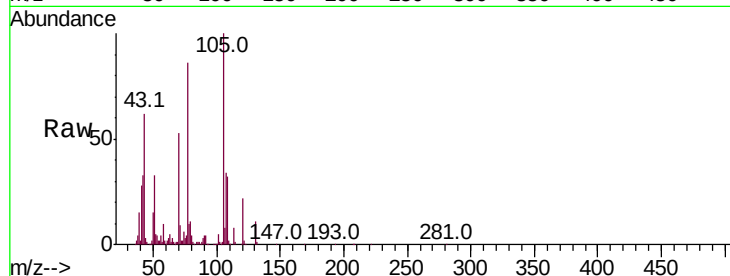
#19
n-Nitroso-di-n-propylamine
Concen: 35.060 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	63.0	47.4	71.2	
101	10.0	7.3	10.9	
130	21.1	16.2	24.2	

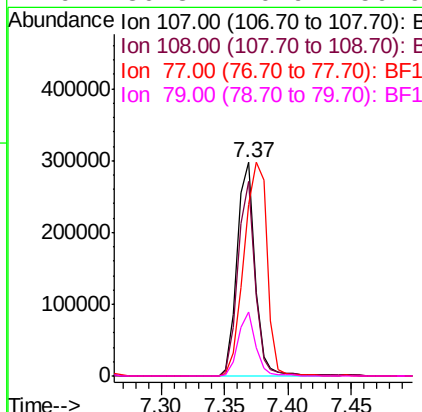
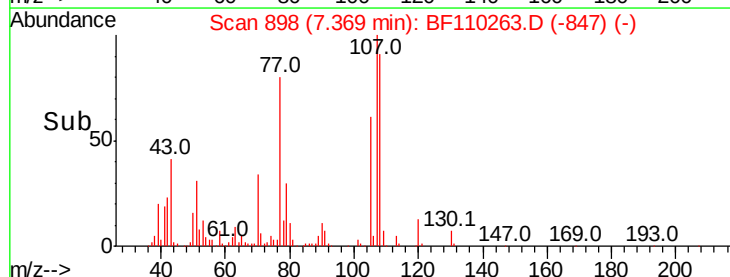
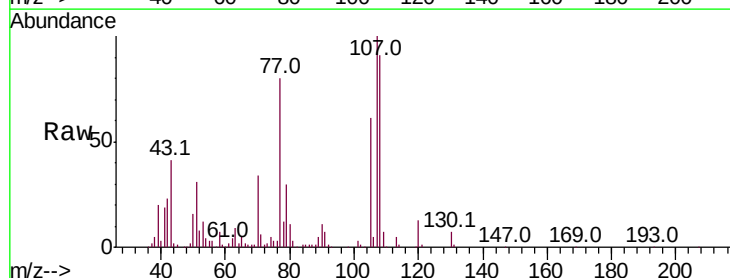
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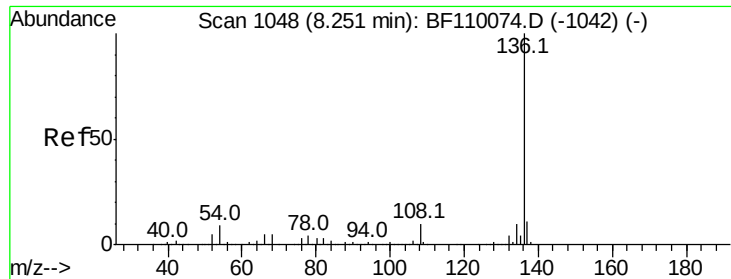
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#20
3+4-Methylphenols
Concen: 37.150 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.3	71.4	111.4	
77	80.4	47.3	87.3	
79	30.3	10.9	50.9	





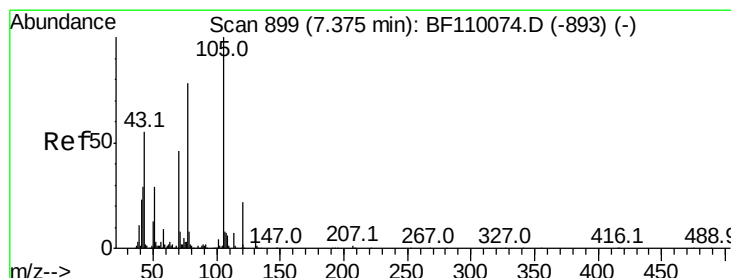
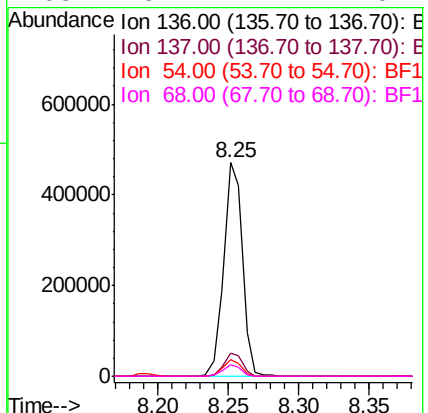
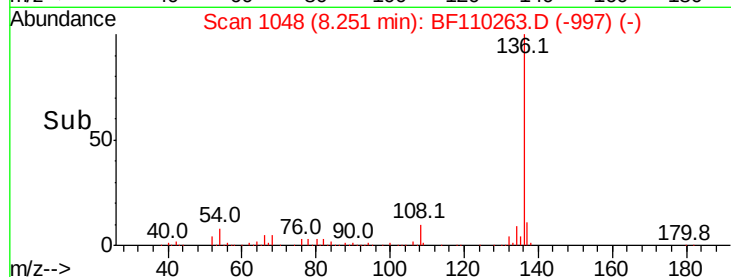
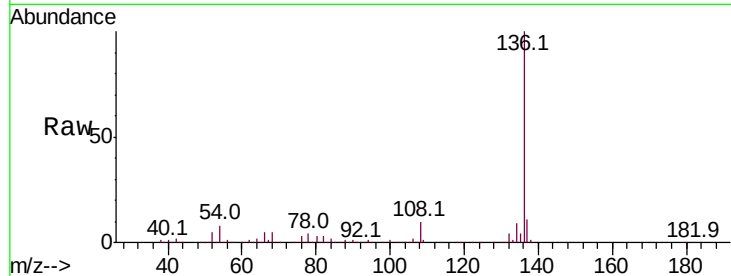
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		433877		
137	11.1		8.8	13.2	
54	8.0		5.4	8.2	
68	5.2		4.2	6.2	

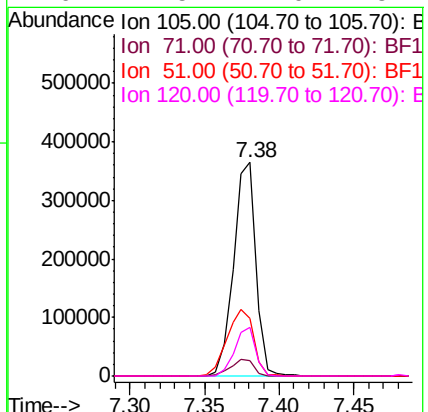
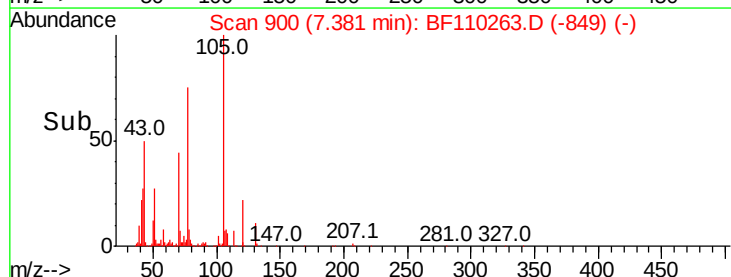
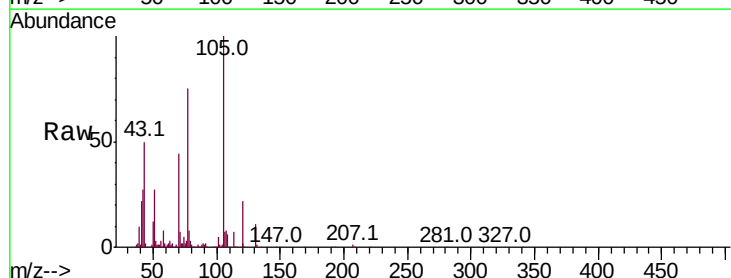
Manual Integrations
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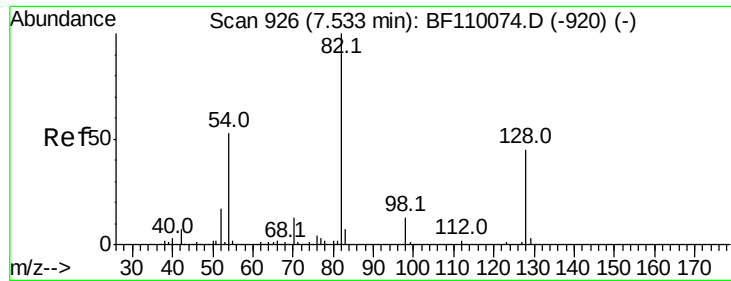
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#22
Acetophenone
Concen: 38.370 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		383604		
71	7.3		5.2	7.8	
51	26.8		21.8	32.8	
120	22.5		17.0	25.4	





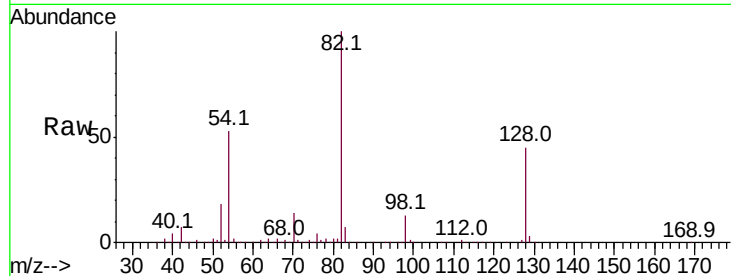
#23
Nitrobenzene-d5
Concen: 79.169 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampled :
DL-03AMS

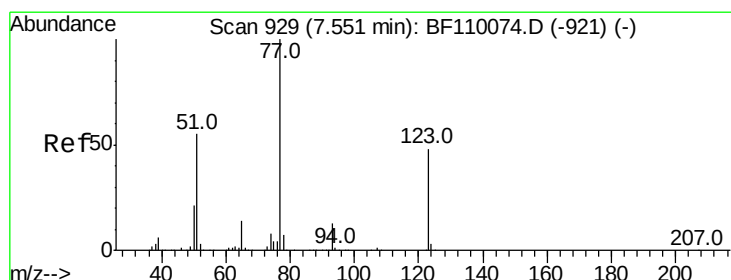
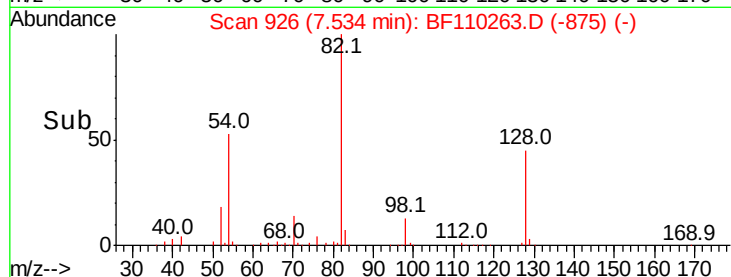
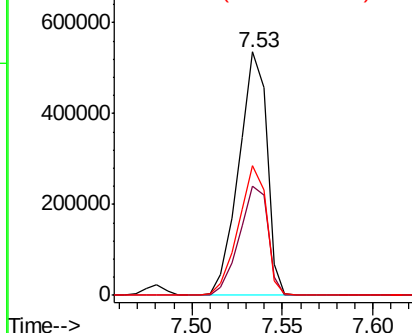
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	53.4	38.6	58.0

Manual Integrations
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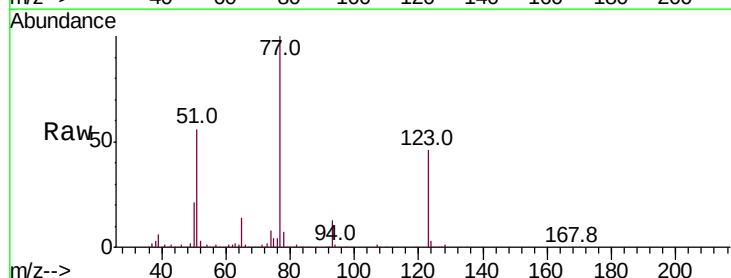


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

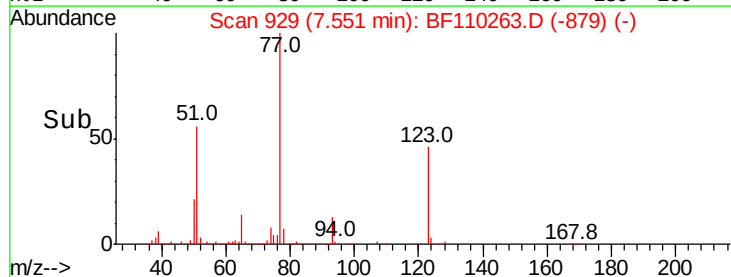
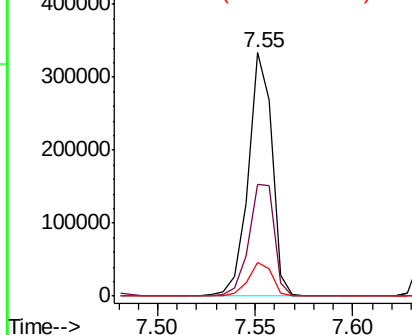


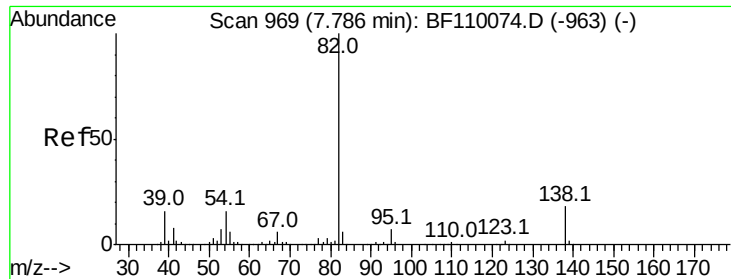
#24
Nitrobenzene
Concen: 37.098 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.9	35.7	53.5
65	13.7	10.7	16.1



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





#25

Isophorone

Concen: 41.373 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

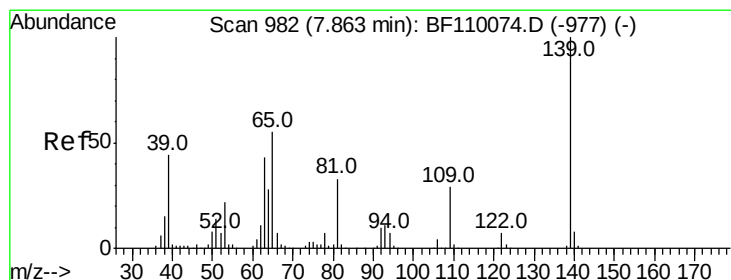
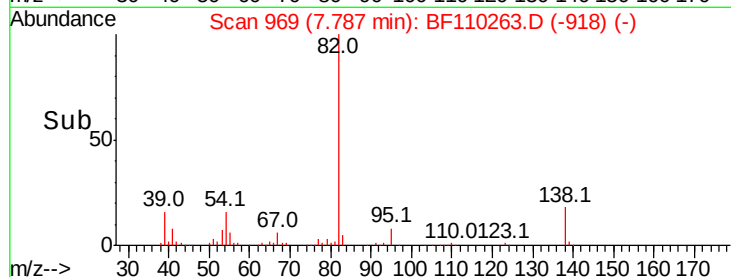
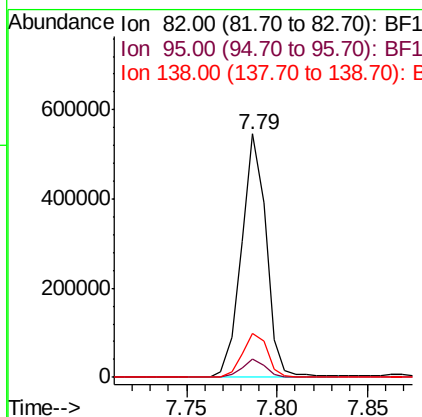
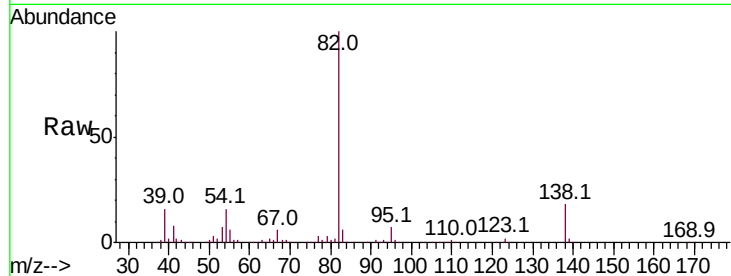
ClientSampleId :

DL-03AMS

Tot Ion:	82	Resp:	515890
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.7	8.5
138	18.0	13.2	19.8

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#26

2-Nitrophenol

Concen: 39.126 ng

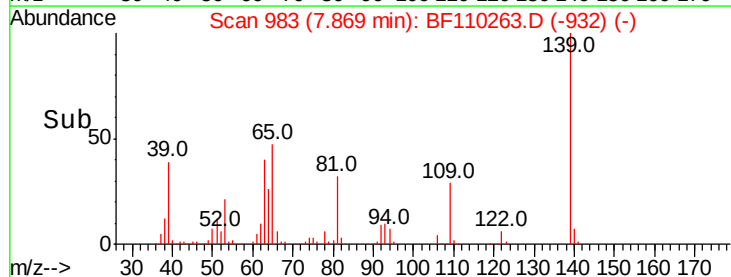
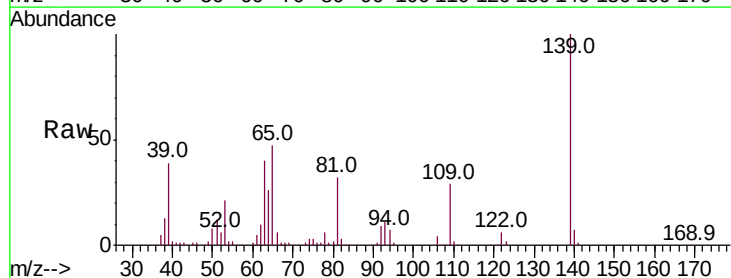
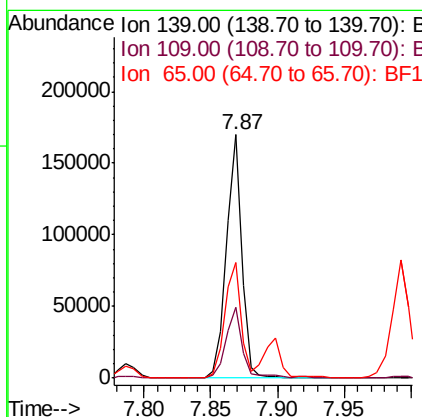
RT: 7.87 min Scan# 983

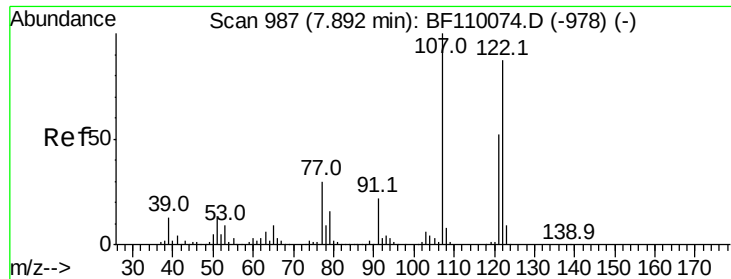
Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:	139	Resp:	140614
Ion Ratio	Lower	Upper	
139	100		
109	28.8	25.0	37.6
65	47.4	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 42.888 ng

RT: 7.90 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

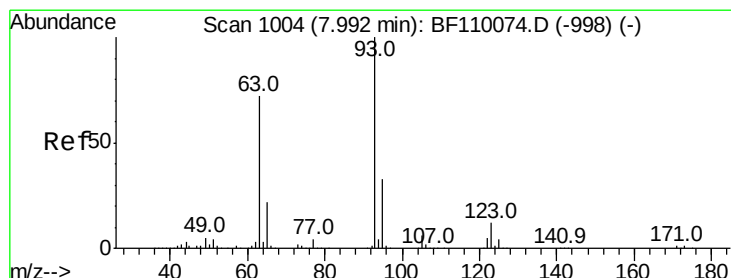
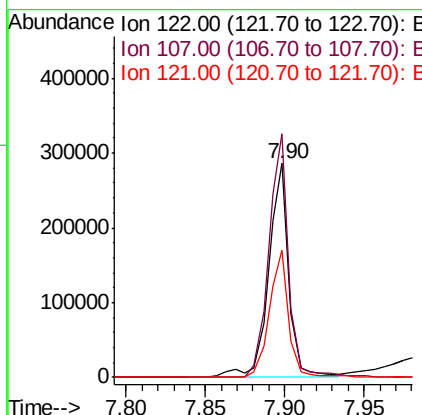
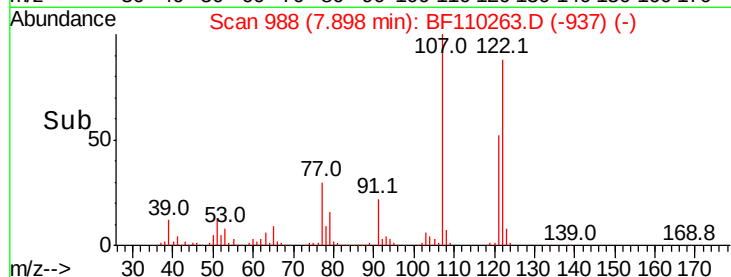
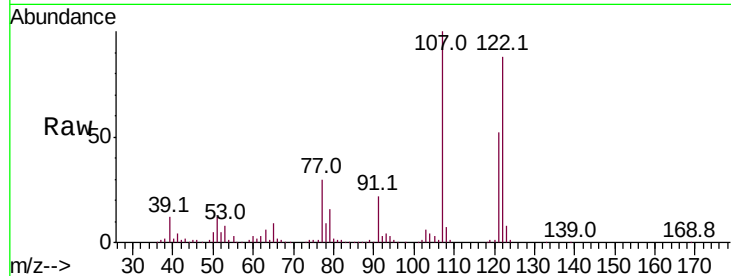
ClientSampleId :

DL-03AMS

Tot Ion:	122	Resp:	255544
Ion Ratio	Lower	Upper	
122	100		
107	113.8	92.5	138.7
121	59.5	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 38.817 ng

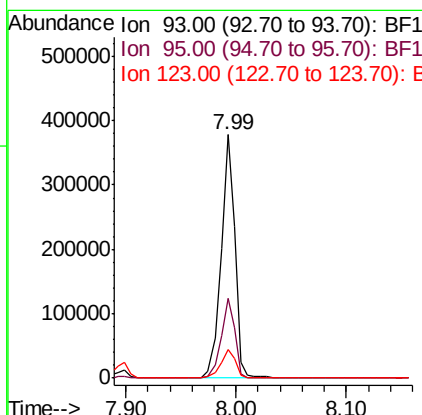
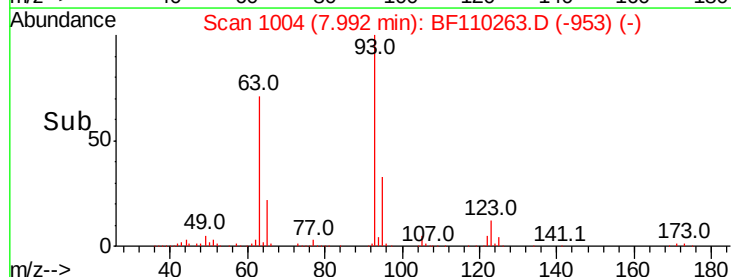
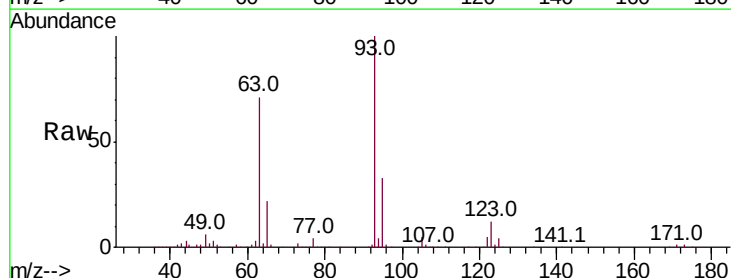
RT: 7.99 min Scan# 1004

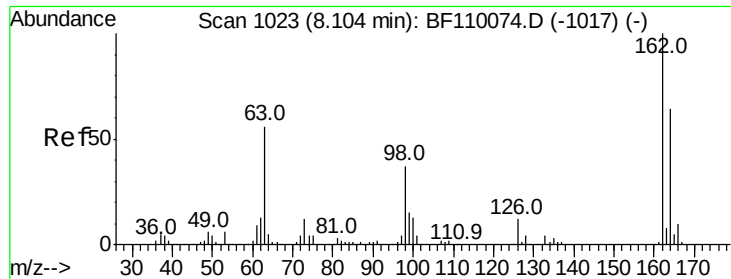
Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:	93	Resp:	328812
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.4	39.6
123	11.5	9.0	13.6





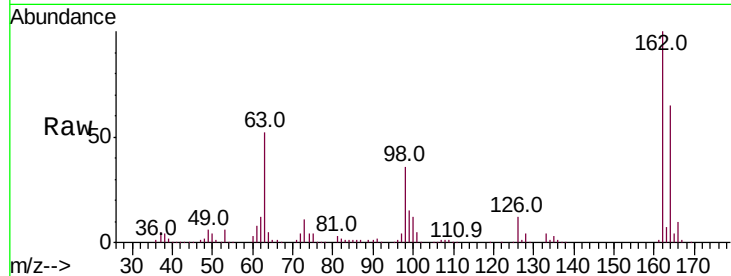
#29
2,4-Dichlorophenol
Concen: 38.053 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	229066		
164	64.5		44.6	84.6
98	36.1		17.4	57.4

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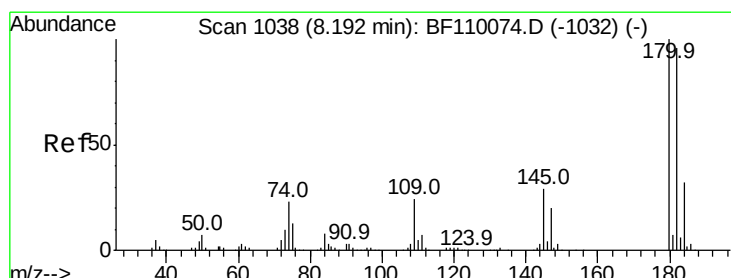
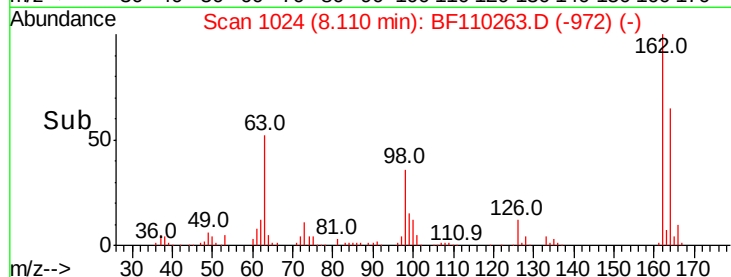
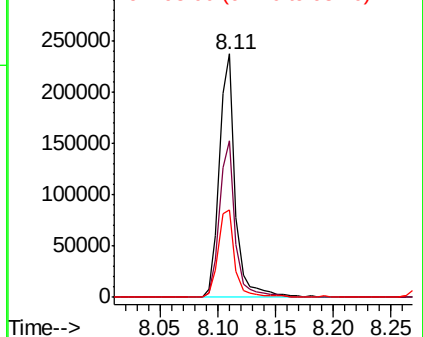


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.392 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

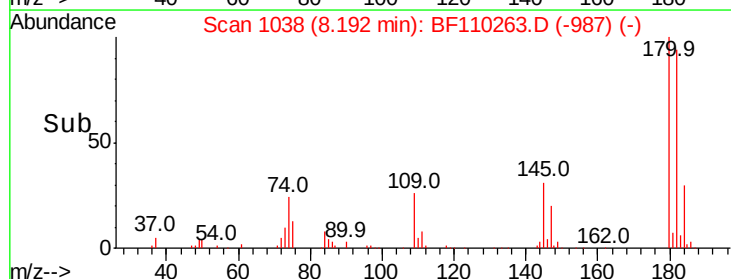
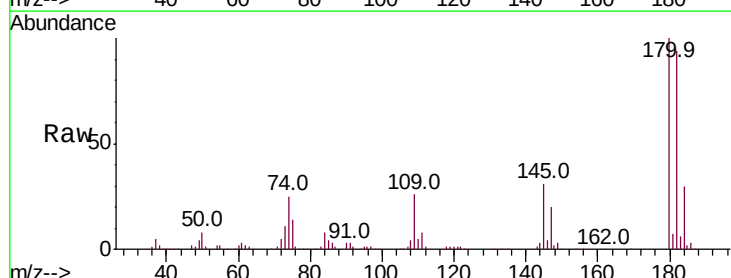
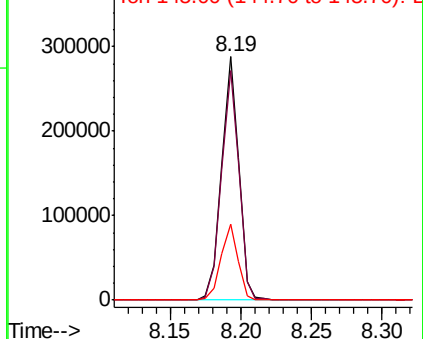
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	245386		
182	94.1		80.3	120.5
145	31.0		25.4	38.0

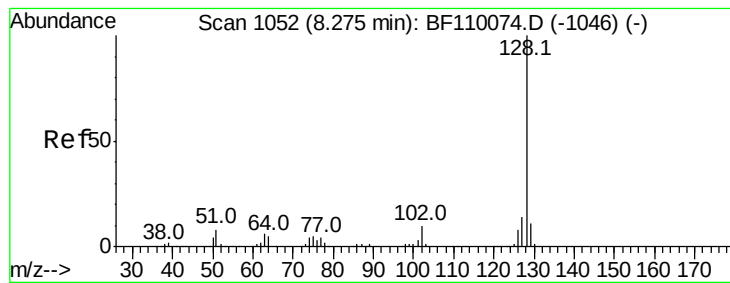
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.822 ng

RT: 8.27 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

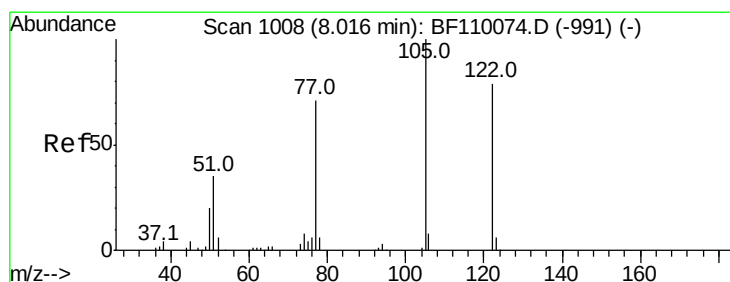
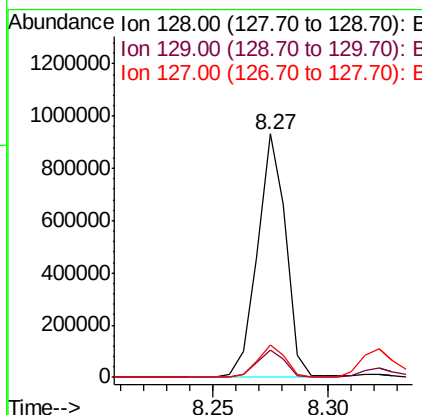
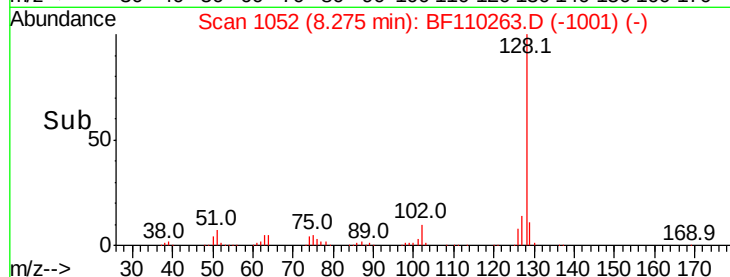
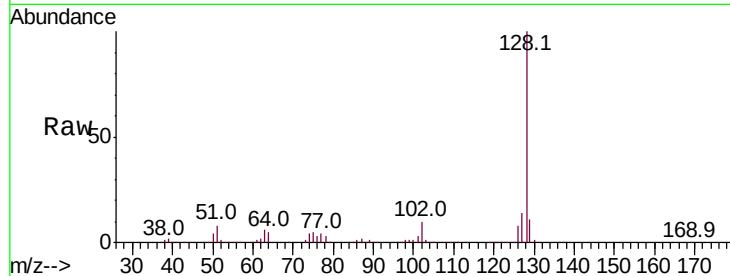
ClientSampleId :

DL-03AMS

Tot Ion	128	Resp	796323
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.5	10.8	16.2

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#32

Benzoic acid

Concen: 13.160 ng

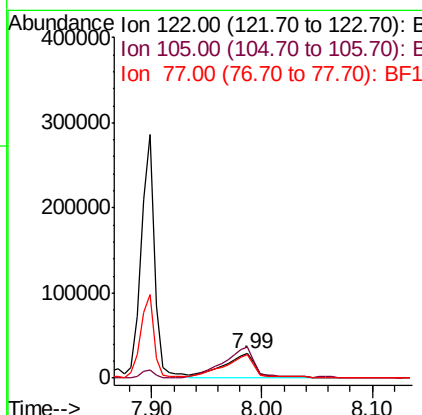
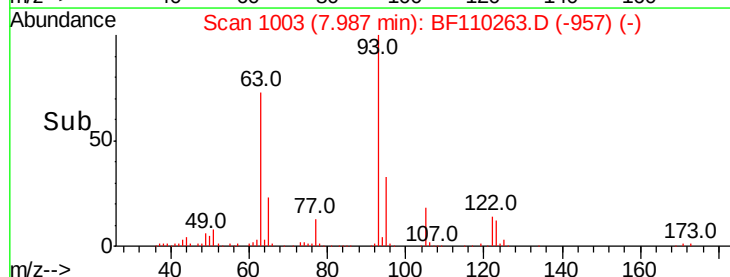
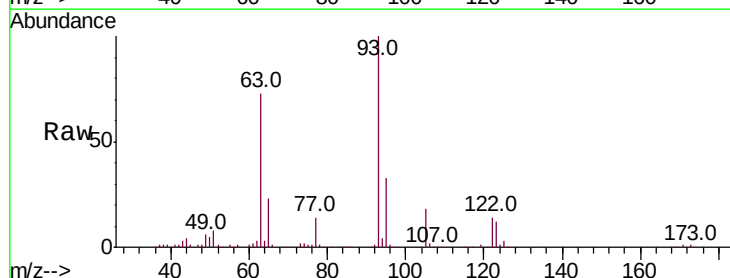
RT: 7.99 min Scan# 1003

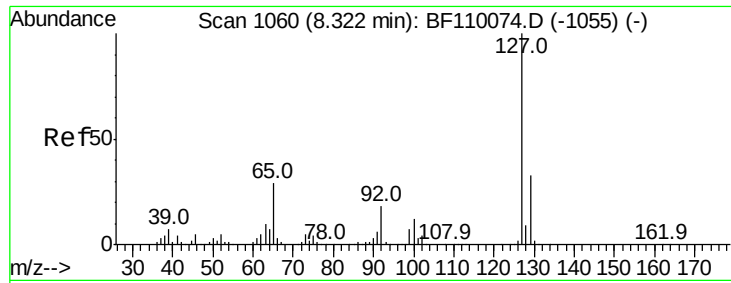
Delta R.T. -0.03 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion	122	Resp	60602
Ion Ratio	Lower	Upper	
122	100		
105	126.5	109.0	149.0
77	97.3	79.0	119.0





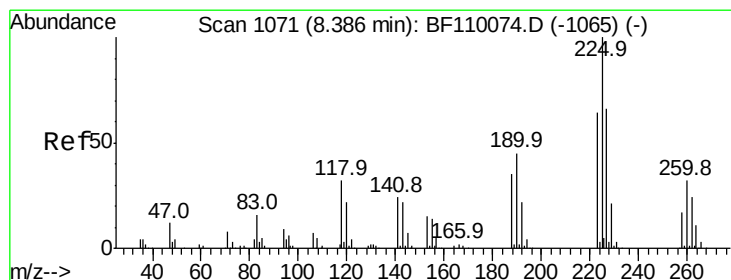
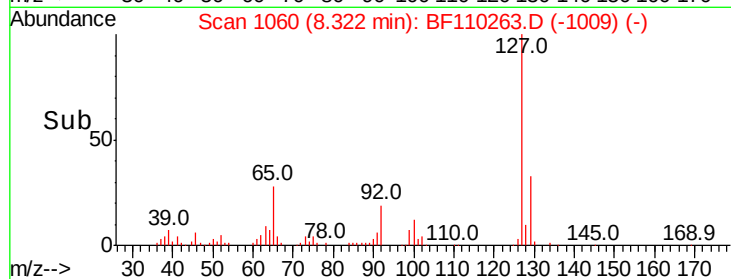
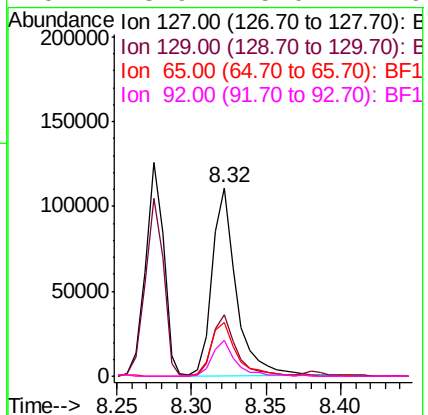
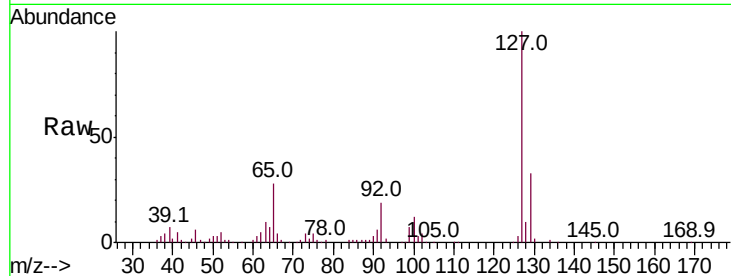
#33
4-Chloroaniline
Concen: 13.822 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	26.0	39.0	
65	28.4	25.1	37.7	
92	18.9	15.0	22.6	

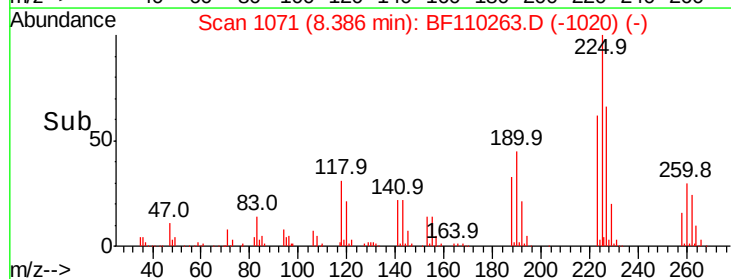
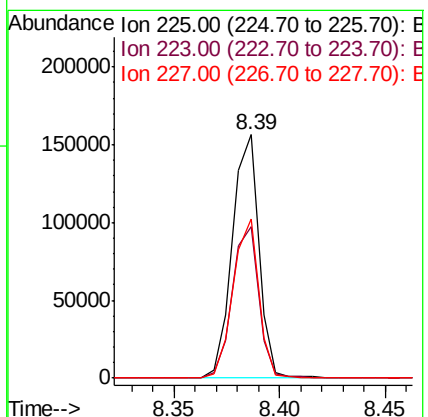
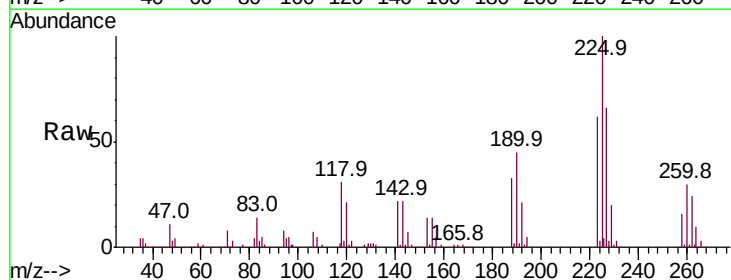
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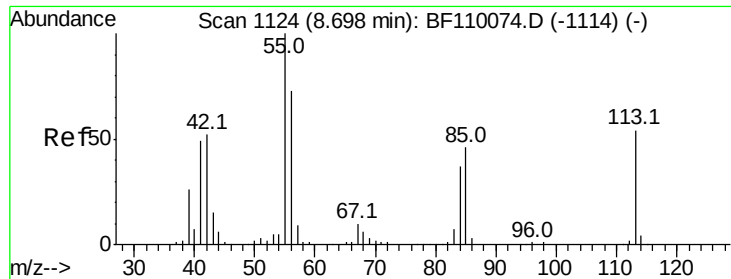
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#34
Hexachlorobutadiene
Concen: 36.008 ng
RT: 8.39 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	51.4	77.2	
227	65.6	51.0	76.6	





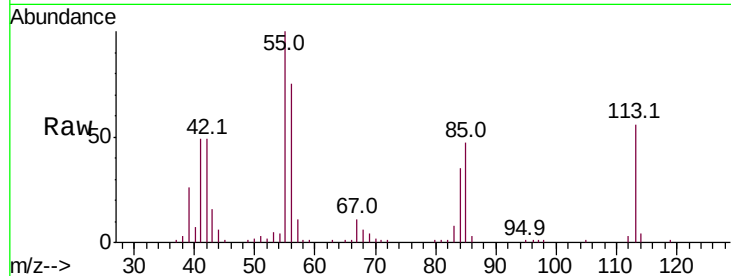
#35
 Caprolactam
 Concen: 37.716 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleID :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	179.6	142.8	182.8
56	135.4	105.0	145.0

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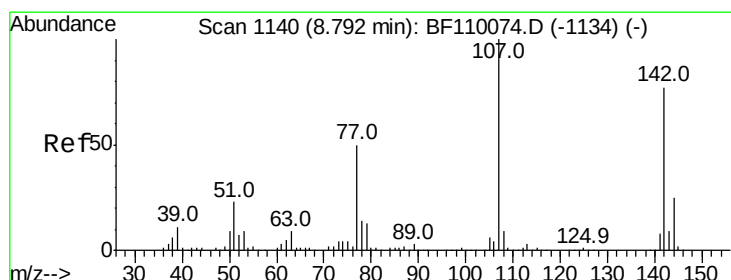
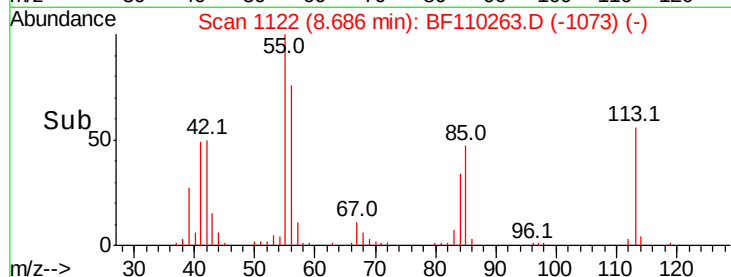
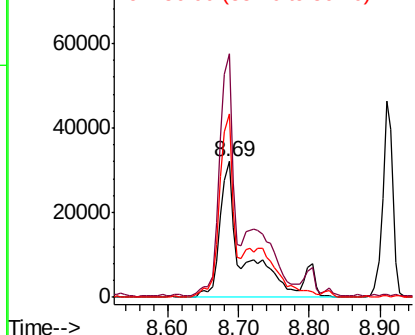


Abundance

Ion 113.00 (112.70 to 113.70): E

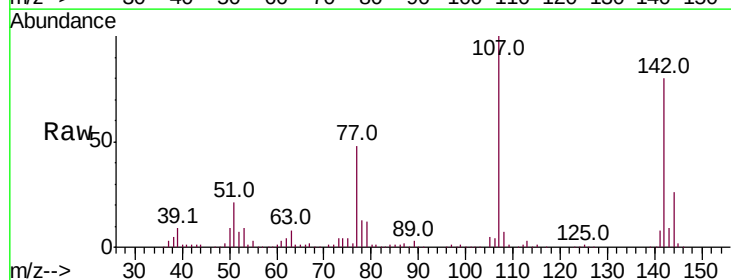
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 37.680 ng/ml
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.0	30.0
142	80.3	59.7	89.5

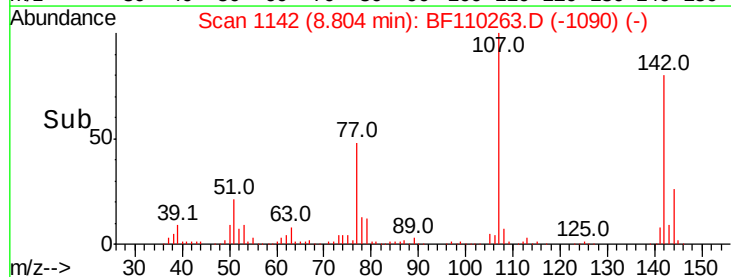
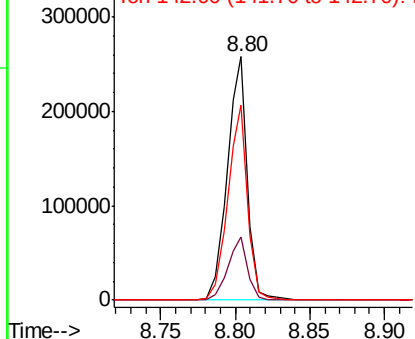


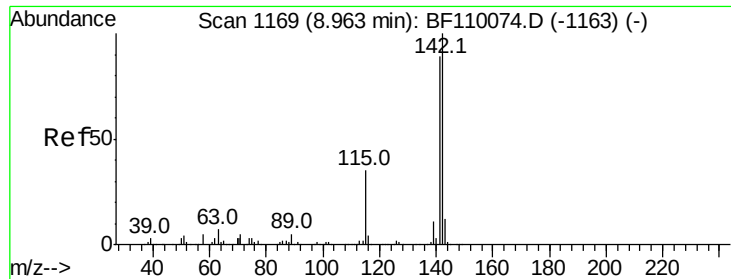
Abundance

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





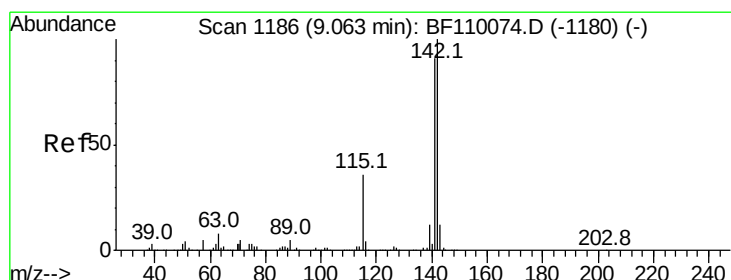
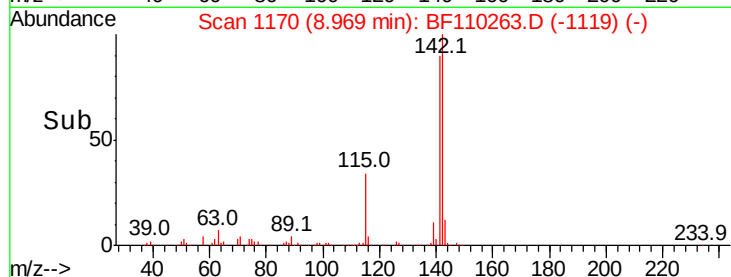
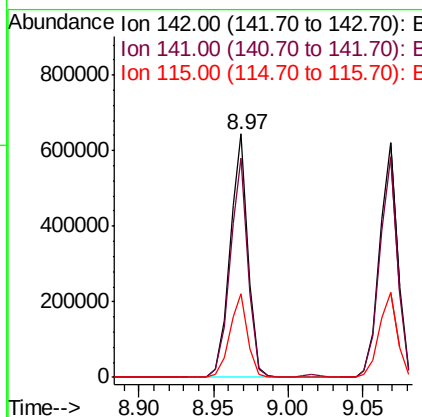
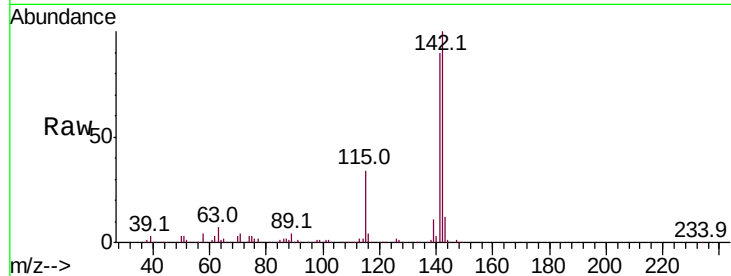
#37
2-Methylnaphthalene
Concen: 41.516 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.4	107.2
115	34.4	28.7	43.1

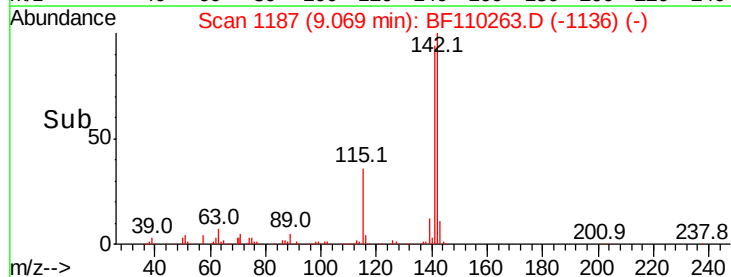
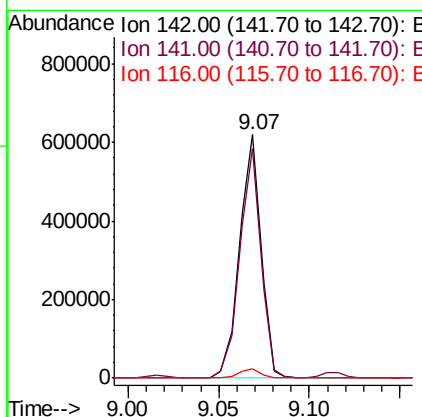
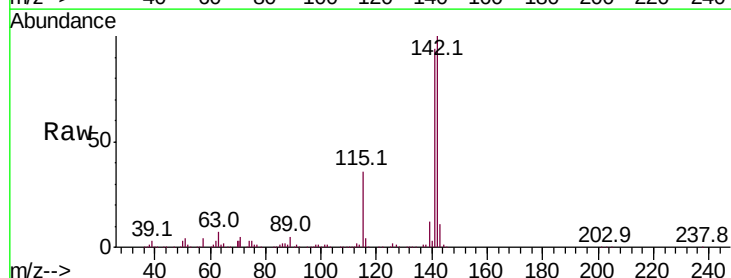
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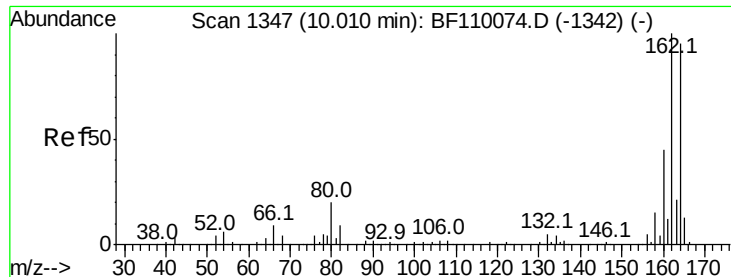
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#38
1-Methylnaphthalene
Concen: 39.881 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.2	111.4
116	3.6	2.6	4.0





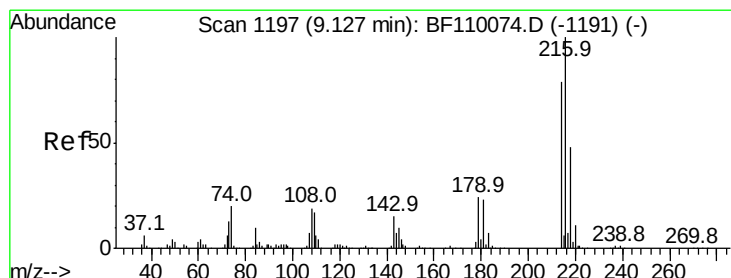
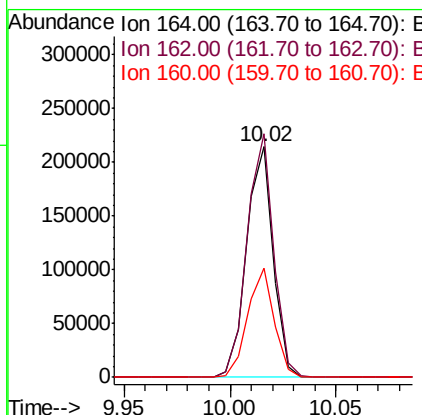
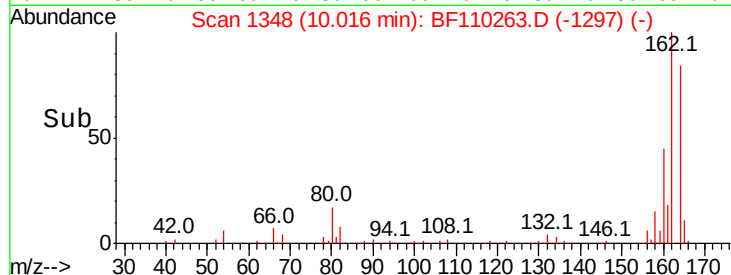
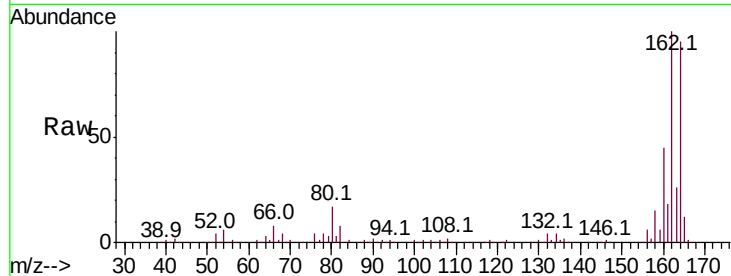
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.0	124.6
160	47.3	37.0	55.6

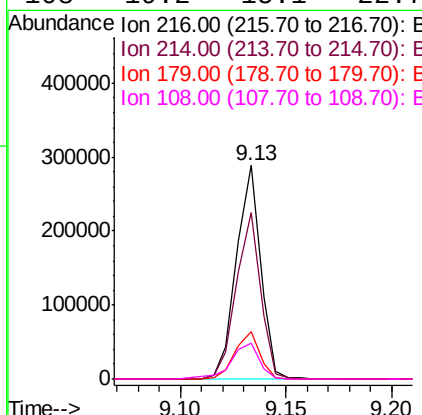
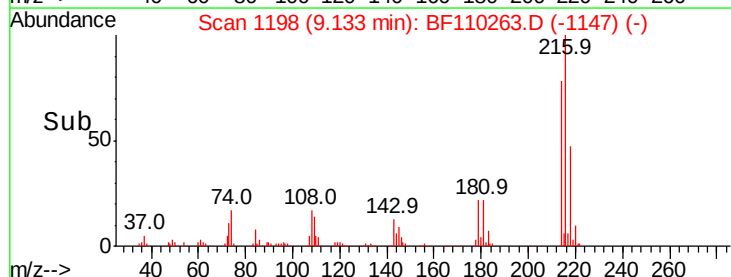
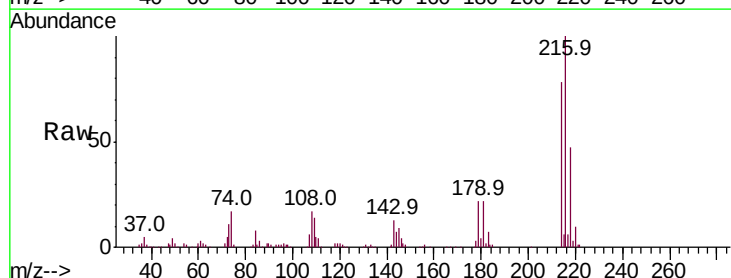
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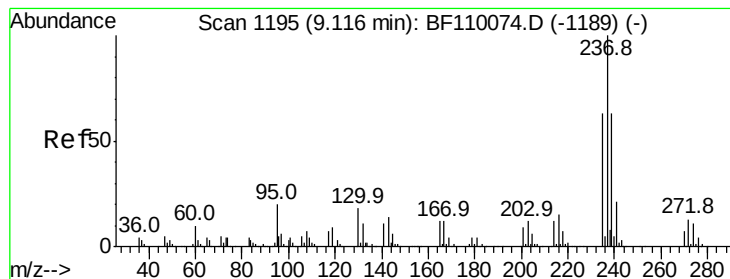
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.342 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.8	95.6
179	22.8	16.6	25.0
108	19.2	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 29.409 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

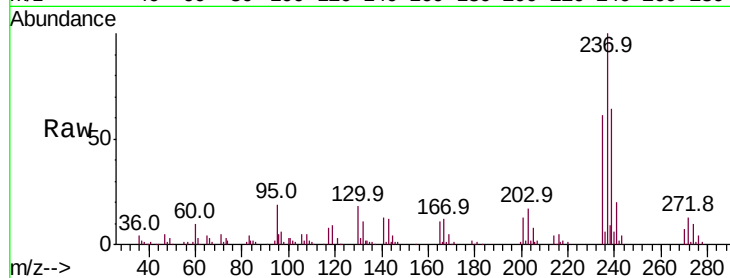
ClientSampled :

DL-03AMS

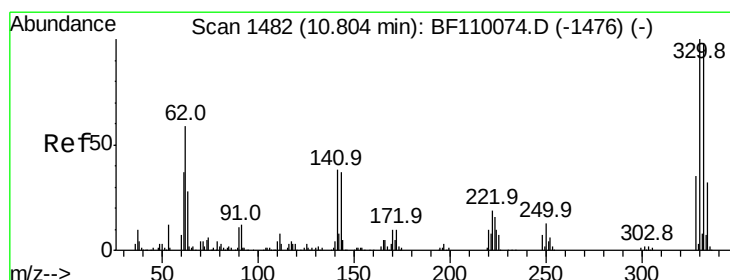
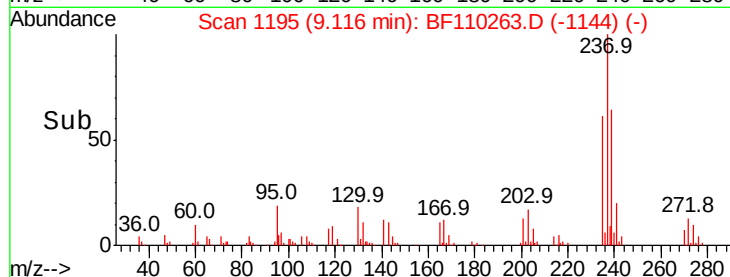
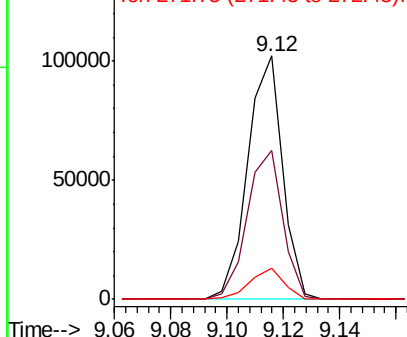
Tot Ion:	237	Resp:	87599
Ion Ratio	Lower	Upper	
237	100		
235	61.4	43.1	83.1
272	12.7	0.0	32.6

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



#42

2,4,6-Tribromophenol

Concen: 110.036 ng

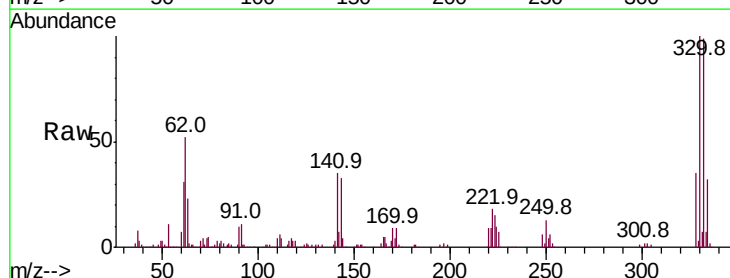
RT: 10.81 min Scan# 1483

Delta R.T. 0.00 min

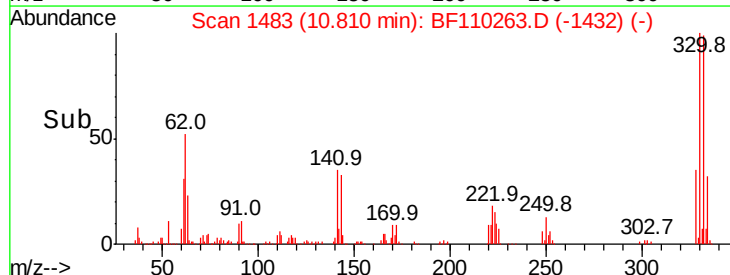
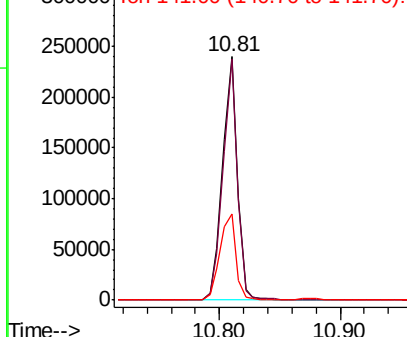
Lab File: BF110263.D

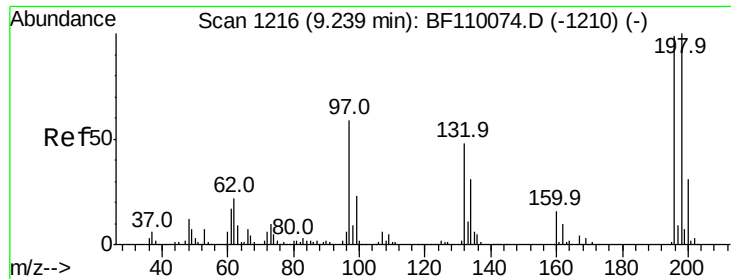
Acq: 29 Oct 2018 15:33

Tgt Ion:	330	Resp:	203783
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.1	115.7
141	38.0	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





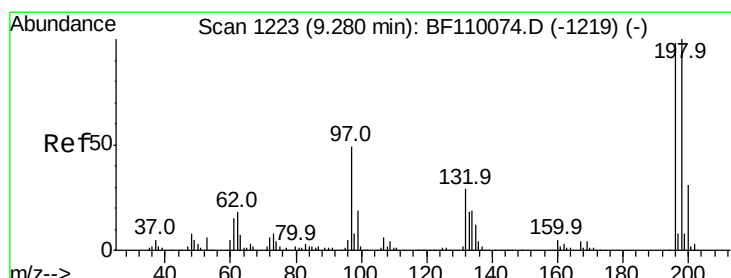
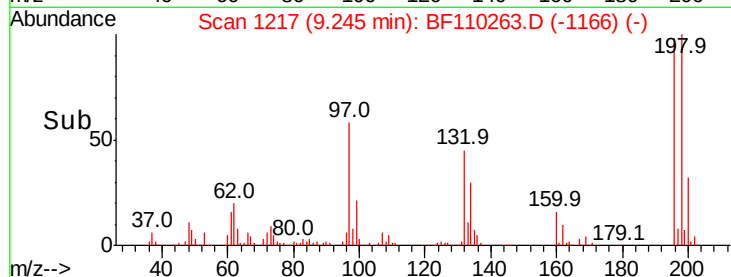
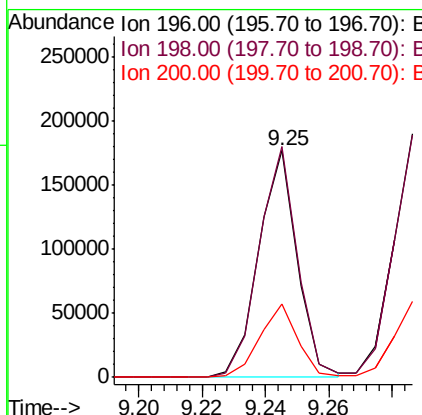
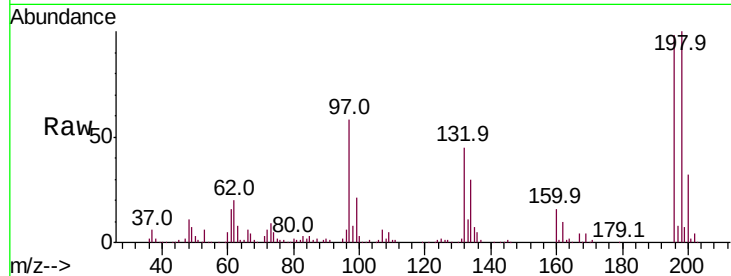
#43
 2,4,6-Trichlorophenol
 Concen: 39.771 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	149429		
198	101.7	76.2	114.4	
200	32.3	24.4	36.6	

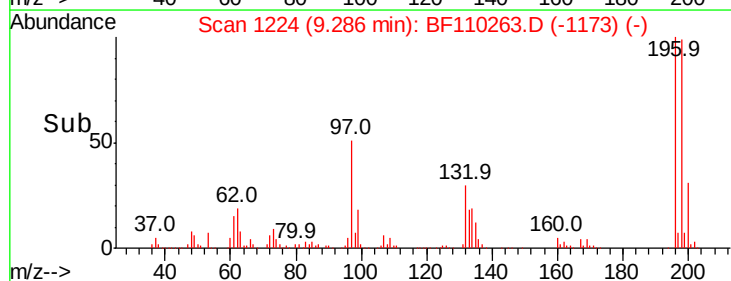
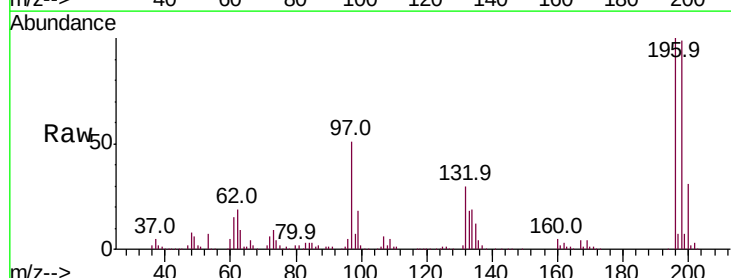
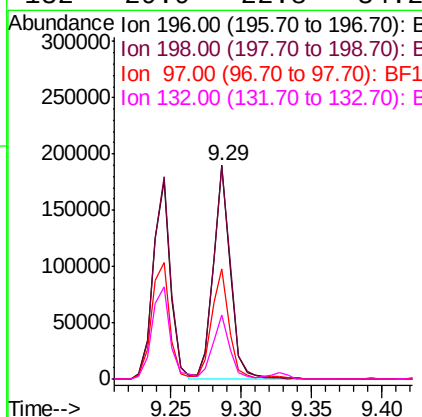
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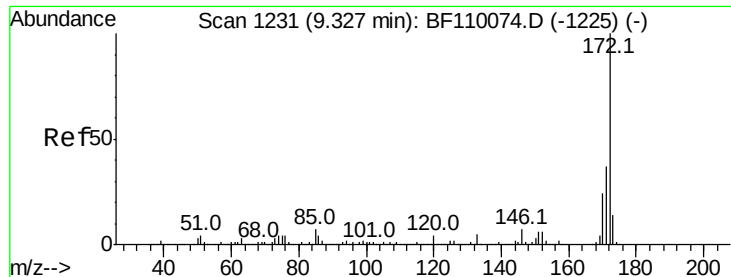
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 40.443 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160622		
198	99.5	75.8	113.6	
97	51.3	42.4	63.6	
132	29.9	22.8	34.2	





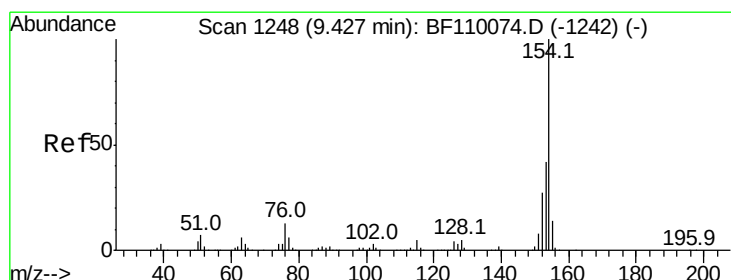
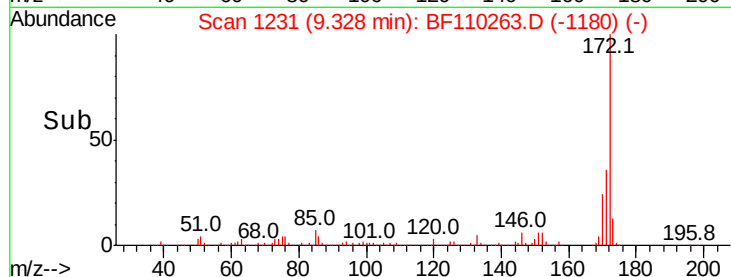
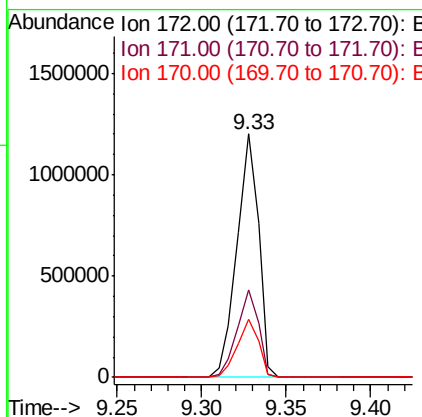
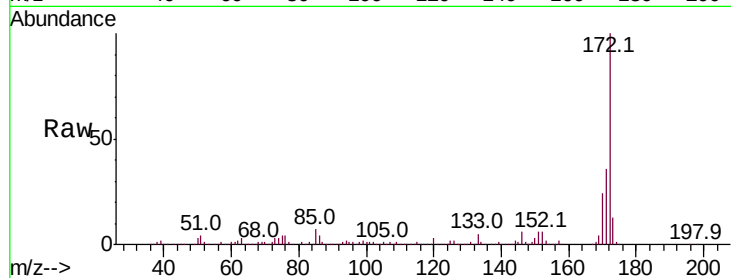
#45
2-Fluorobiphenyl
Concen: 90.276 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.9	19.7	29.5

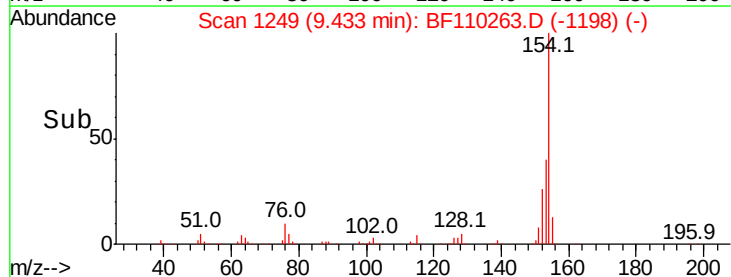
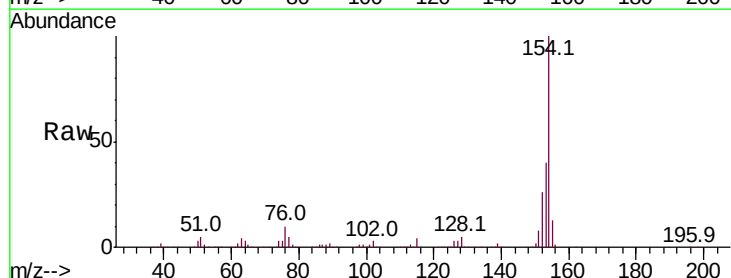
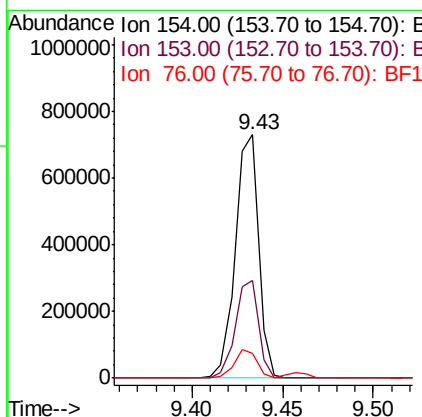
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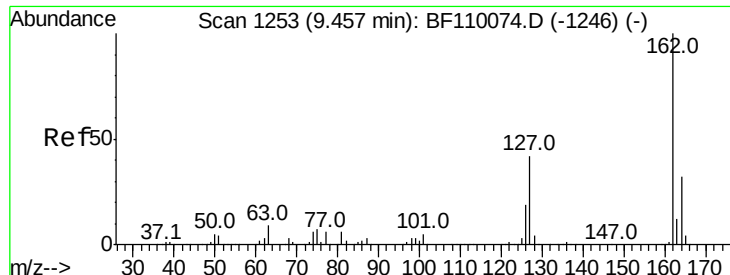
Sohil
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#46
1,1'-Biphenyl
Concen: 38.674 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.4	60.4
76	10.2	0.0	31.9





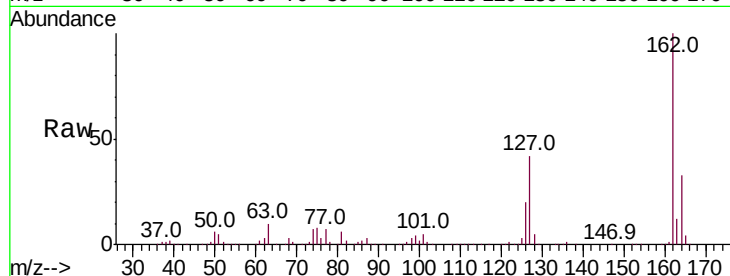
#47
 2-Chloronaphthalene
 Concen: 38.829 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	481547		
127	42.0		32.6	48.8
164	32.6		25.9	38.9

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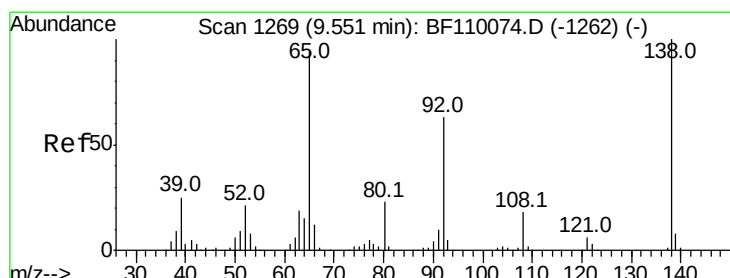
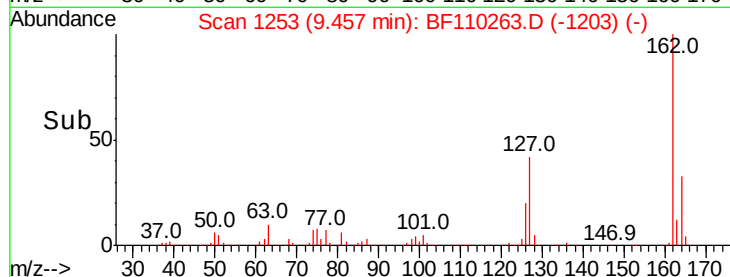
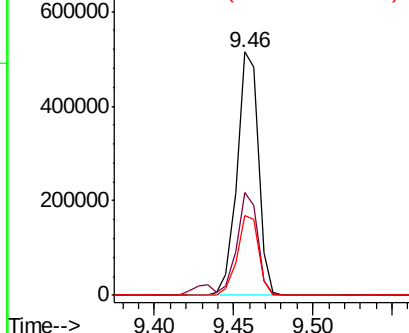


Abundance

Ion 162.00 (161.70 to 162.70): E

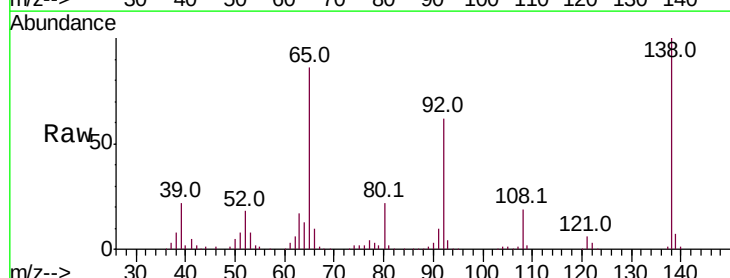
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 38.853 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	146012		
92	71.8		54.6	81.8
138	115.7		80.3	120.5

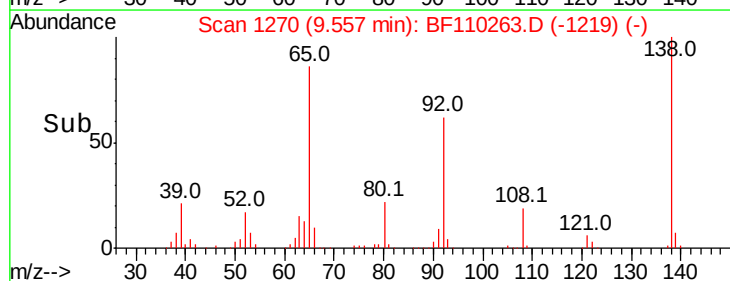
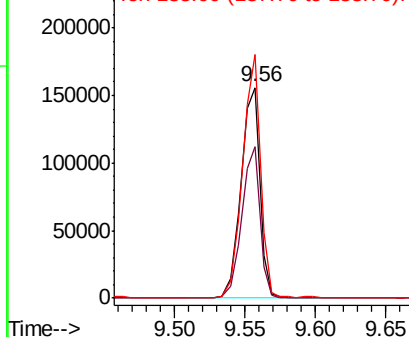


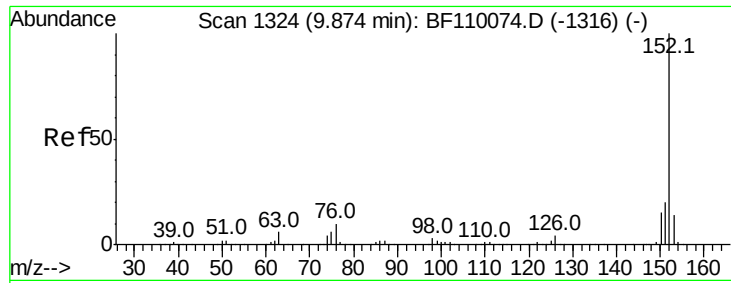
Abundance

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: 40.713 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.01 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

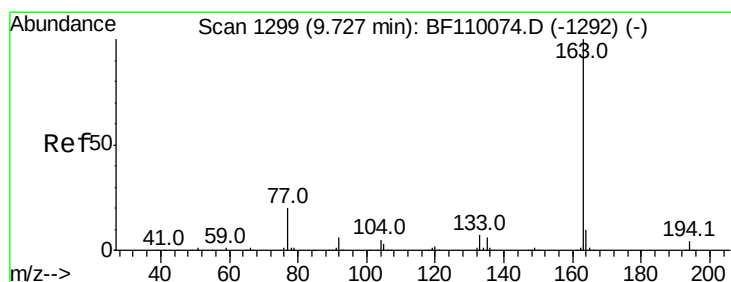
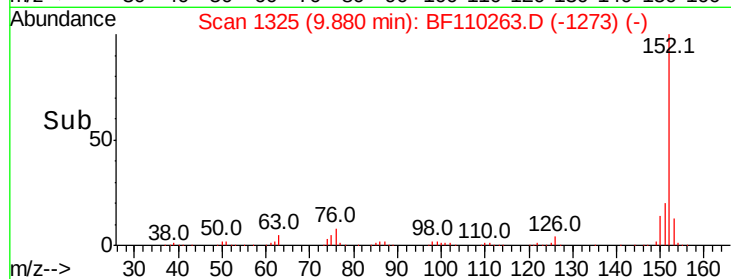
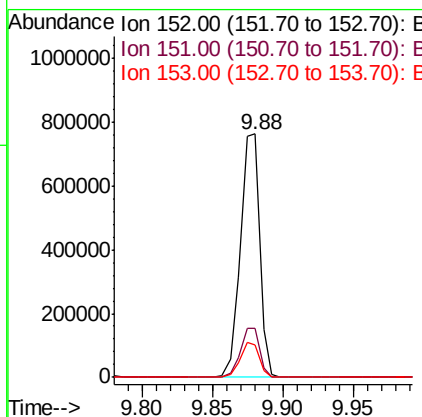
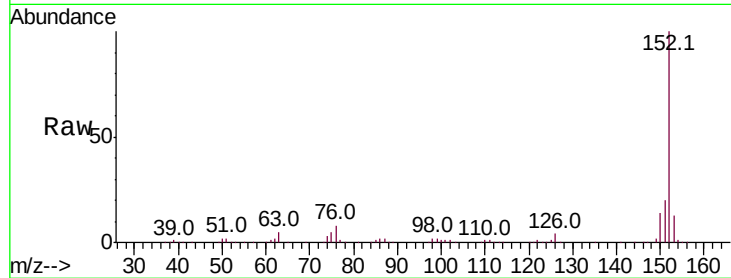
ClientSampleId :

DL-03AMS

Tot Ion:	152	Resp:	729261
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.8	23.8
153	13.4	10.4	15.6

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#50

Dimethylphthalate

Concen: 54.250 ng

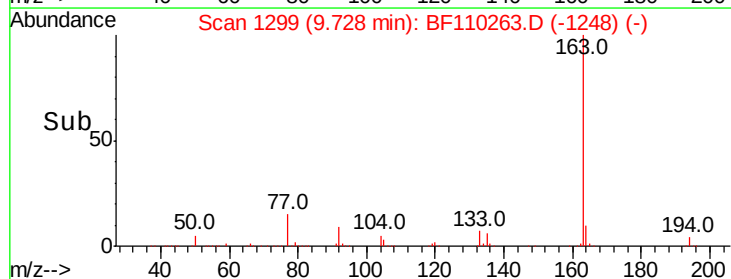
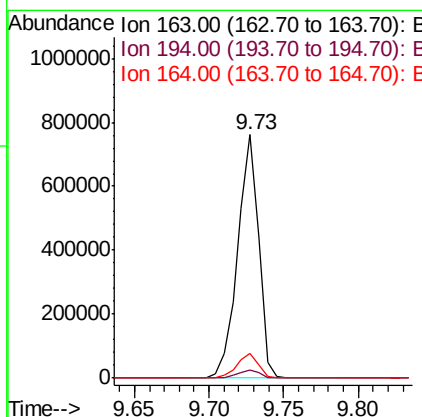
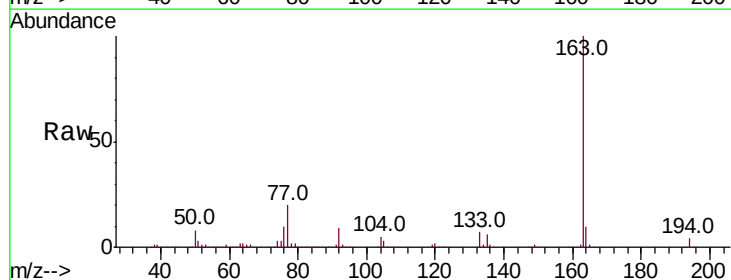
RT: 9.73 min Scan# 1299

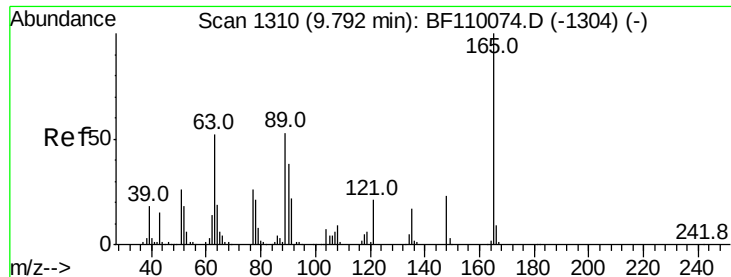
Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:	163	Resp:	748703
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.2	4.8
164	10.3	8.1	12.1





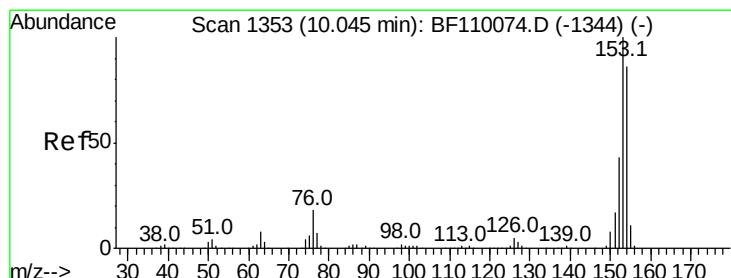
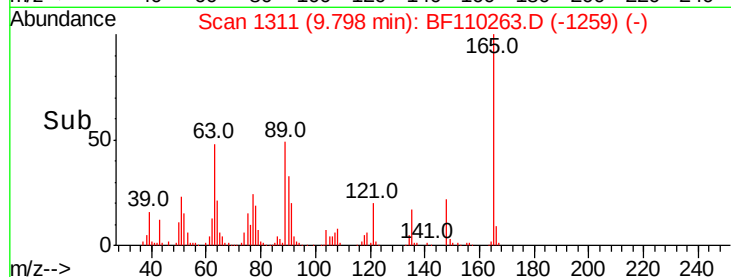
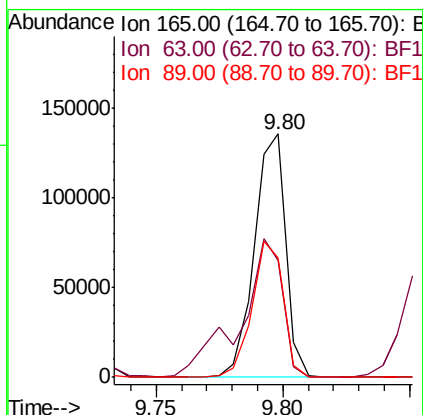
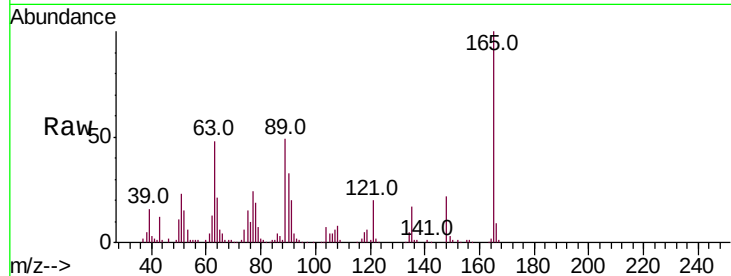
#51
2,6-Dinitrotoluene
Concen: 39.204 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	116545		
63	48.0		48.9	73.3#
89	49.2		46.6	69.8

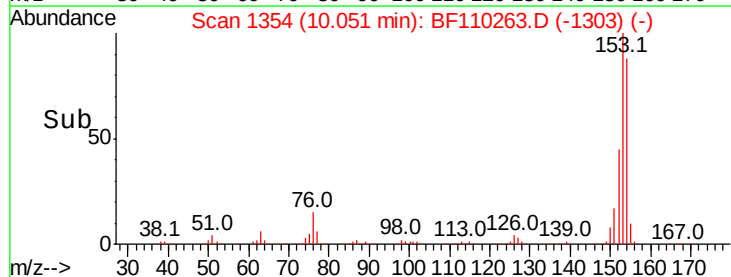
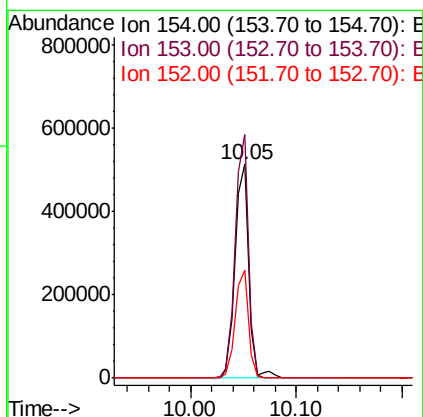
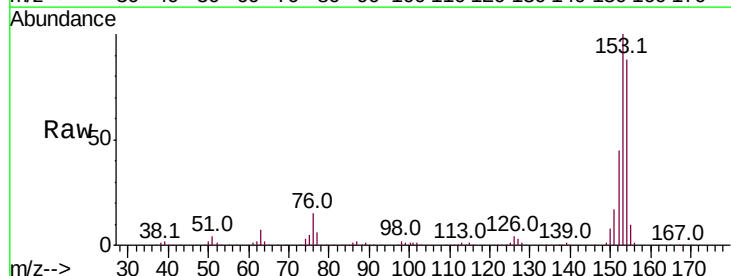
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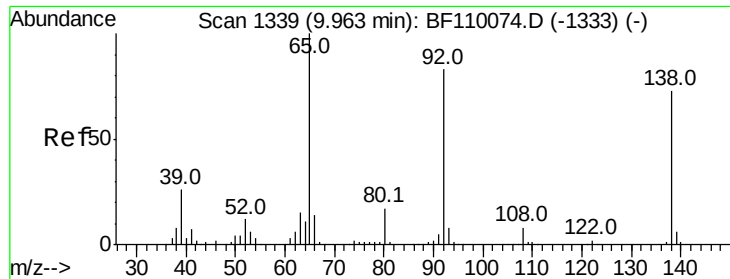
Sohil
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#52
Acenaphthene
Concen: 38.444 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	455557		
153	113.7		90.1	135.1
152	50.7		43.4	65.2





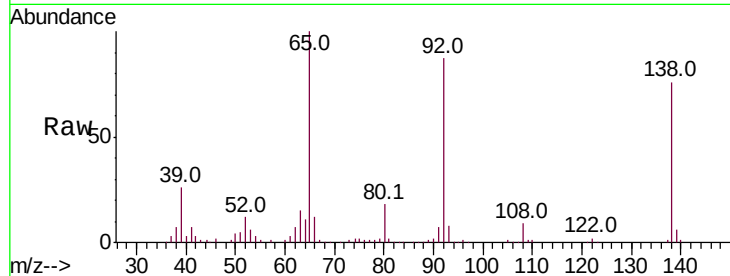
#53
3-Nitroaniline
Concen: 26.064 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.7	13.1
92	114.5	97.0	145.4

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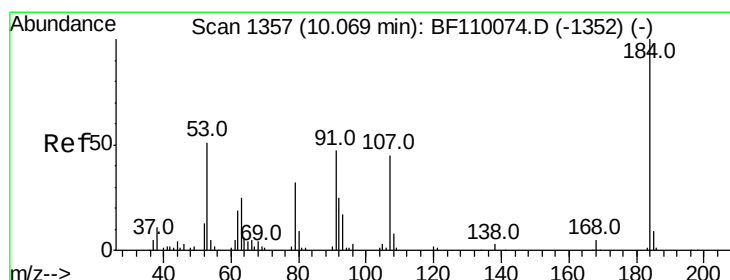
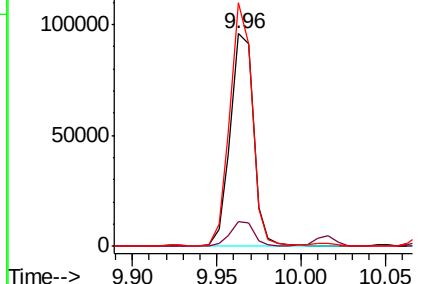
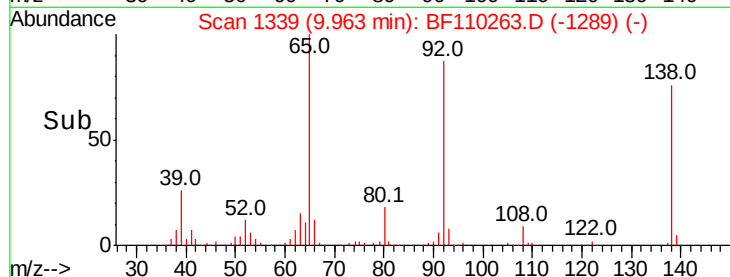


Abundance

Ion 138.00 (137.70 to 138.70): E

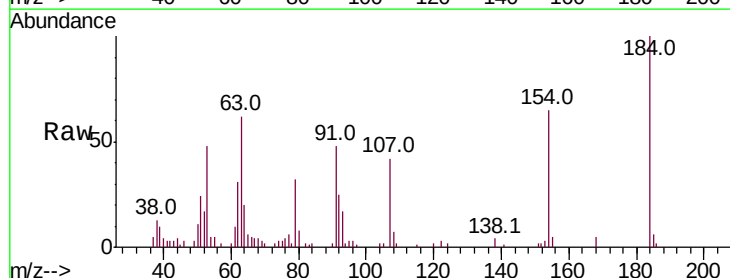
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 22.582 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.2	55.8	83.6
154	64.9	63.2	94.8

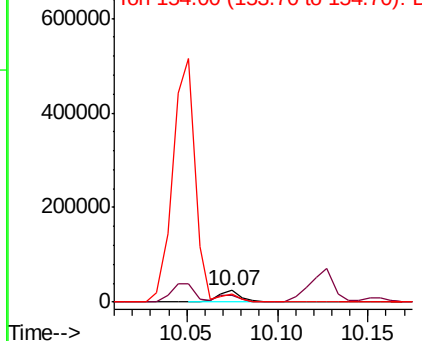
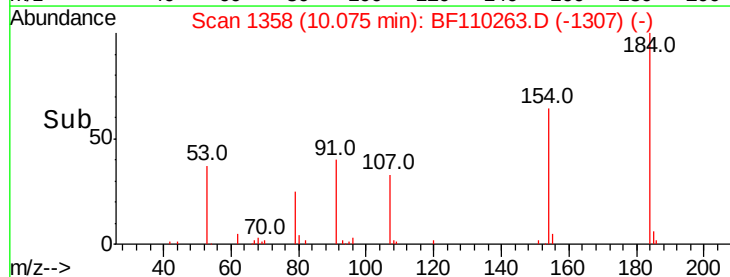


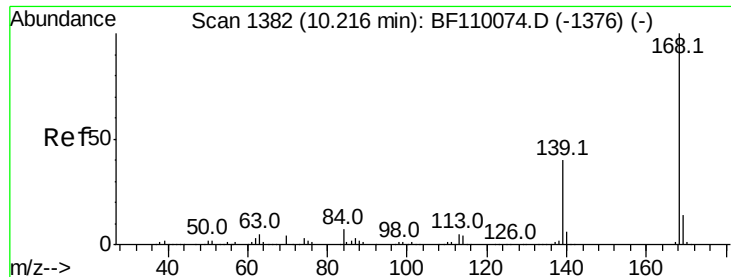
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 38.721 ng

RT: 10.22 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

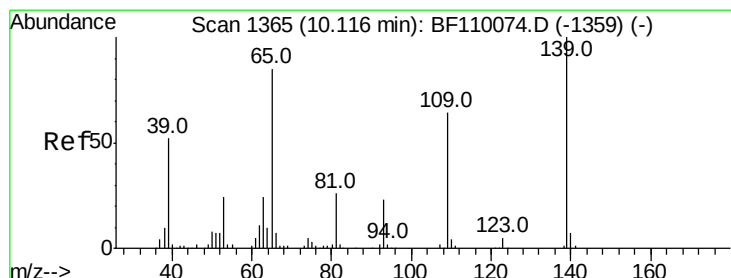
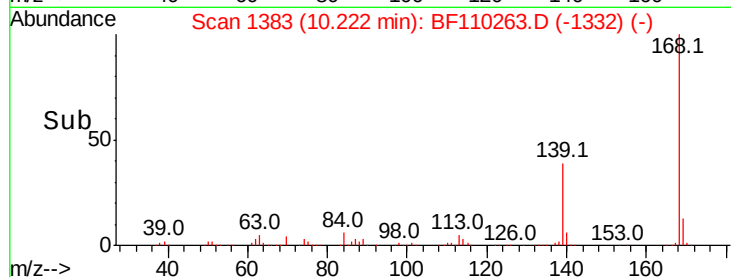
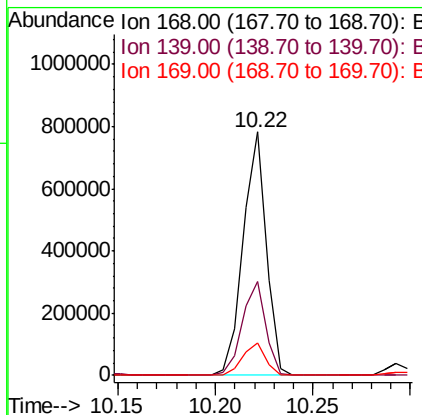
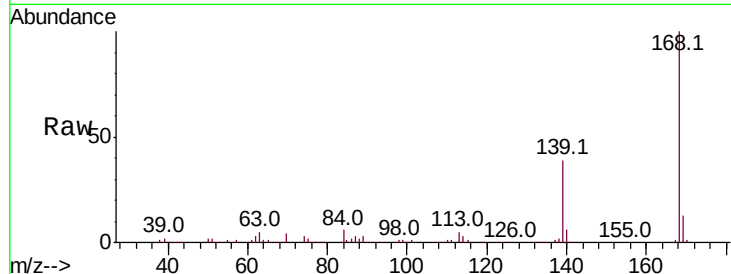
ClientSampled :

DL-03AMS

Tot Ion:168	Resp: 642412
Ion Ratio	Lower Upper
168 100	
139 38.8	33.0 49.6
169 13.2	11.3 16.9

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#56

4-Nitrophenol

Concen: 89.578 ng

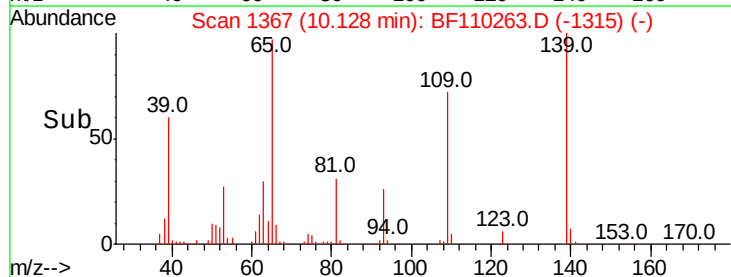
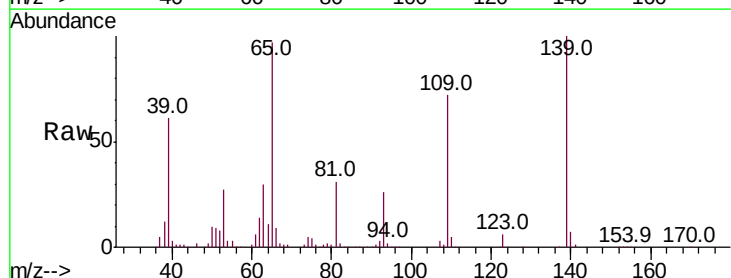
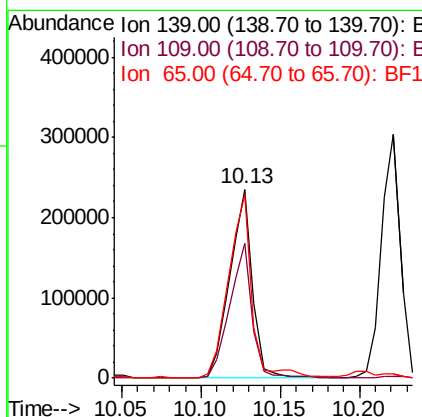
RT: 10.13 min Scan# 1367

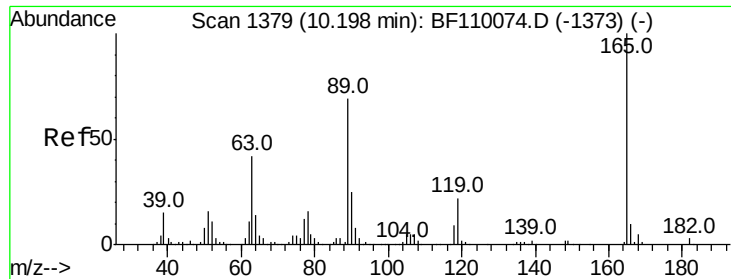
Delta R.T. 0.01 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:139	Resp: 234377
Ion Ratio	Lower Upper
139 100	
109 71.5	55.8 95.8
65 97.1	77.9 117.9





#57

2,4-Dinitrotoluene

Concen: 38.616 ng

RT: 10.20 min Scan# 1380

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

ClientSampled :

DL-03AMS

Tot Ion:165 Resp: 145813
Ion Ratio Lower Upper

165 100

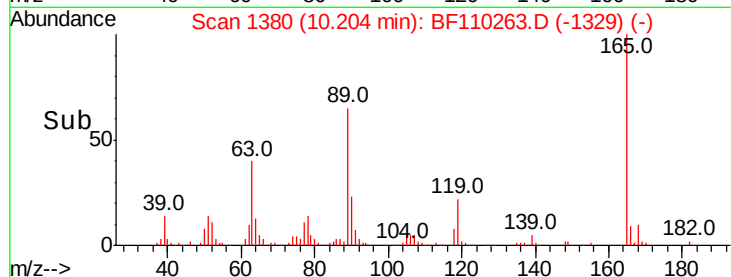
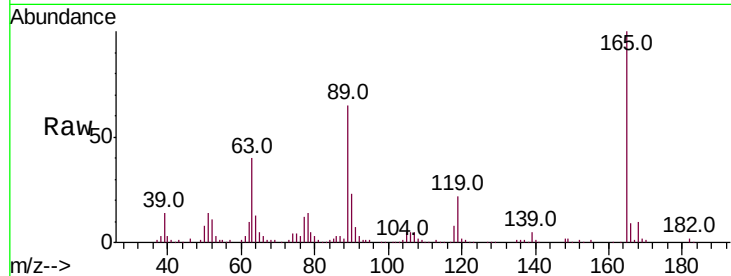
63 39.9 44.8 67.2#

89 65.1 62.2 93.4

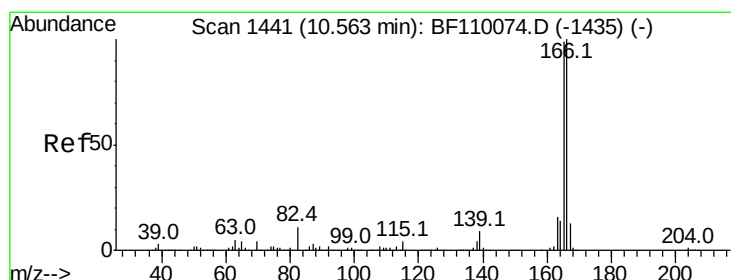
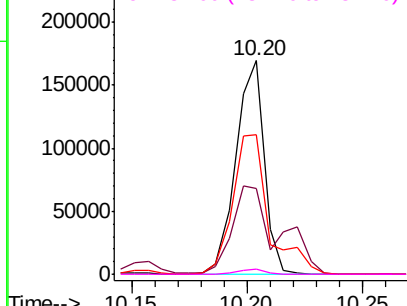
182 2.4 2.1 3.1

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.897 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.00 min

Lab File: BF110263.D

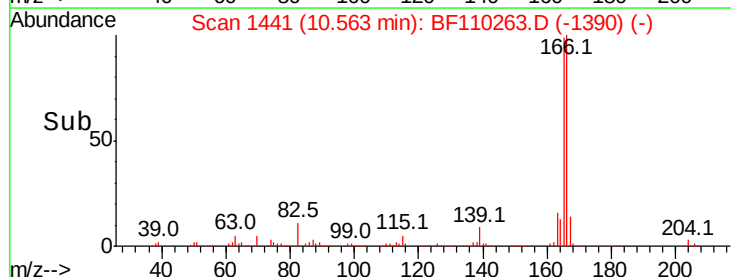
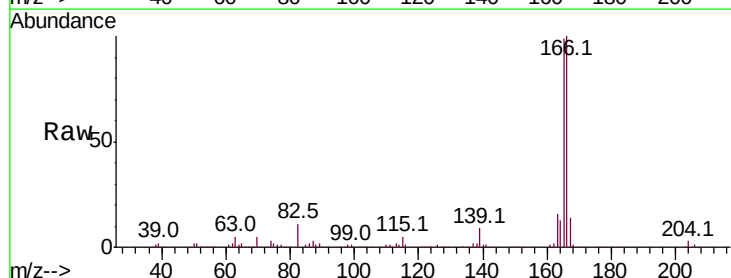
Acq: 29 Oct 2018 15:33

Tgt Ion:166 Resp: 492635
Ion Ratio Lower Upper

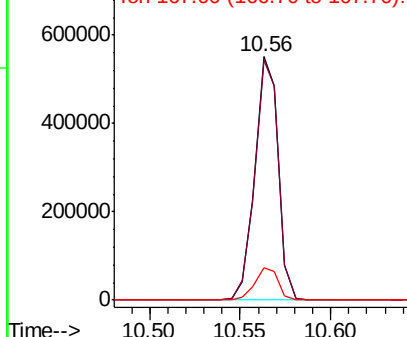
166 100

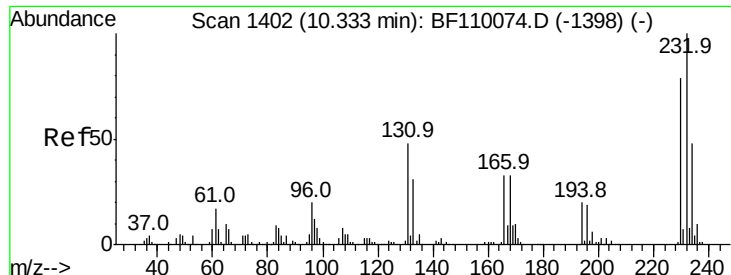
165 98.5 78.6 117.8

167 13.6 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





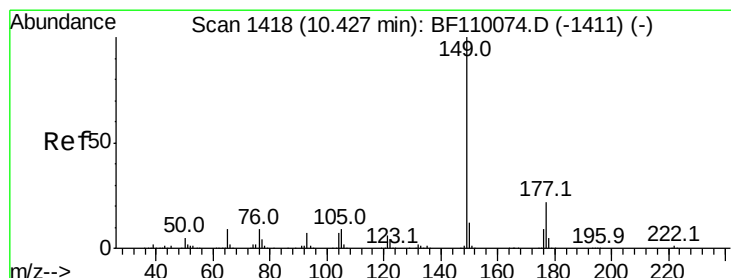
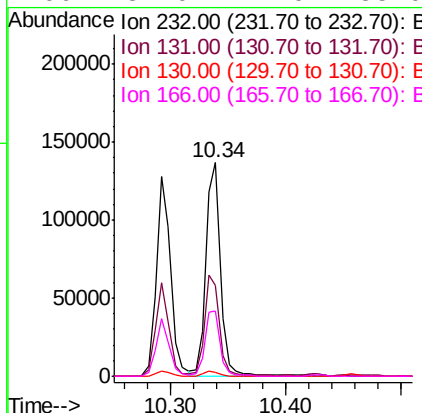
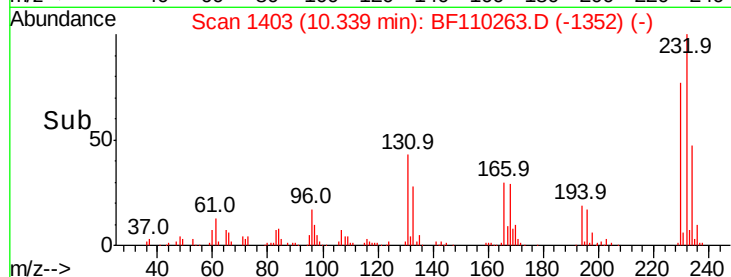
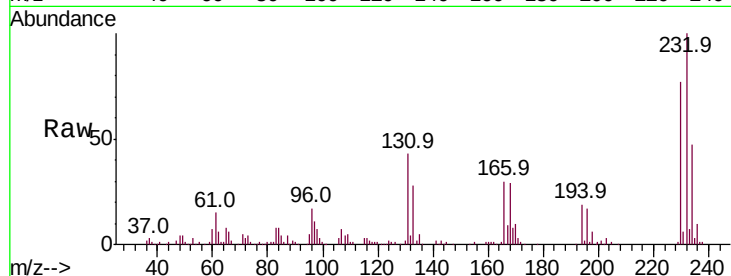
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.795 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	37.0	55.4
130	2.4	1.8	2.6
166	32.0	22.0	33.0

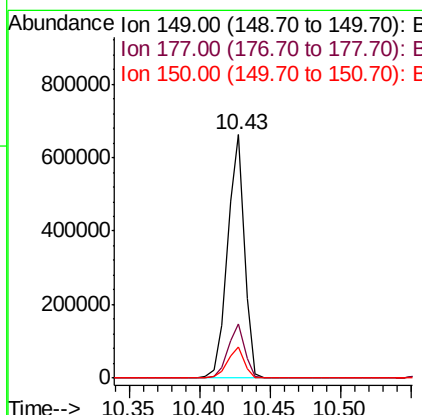
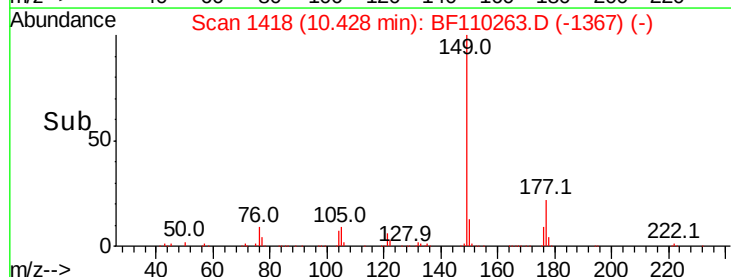
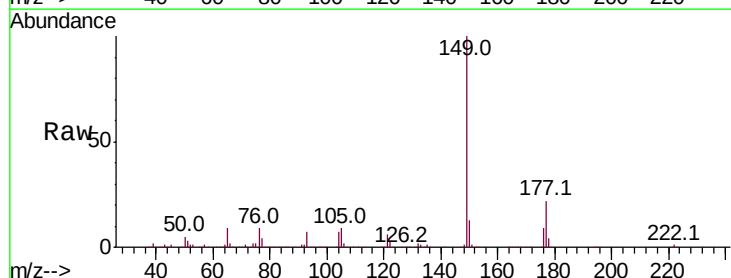
Manual Integrations
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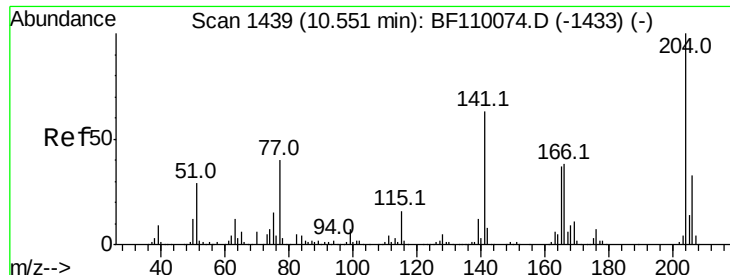
Sohil
 10/30/2018 2:24:09 PM



#60
 Diethylphthalate
 Concen: 40.637 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.4	26.2
150	12.7	9.8	14.8





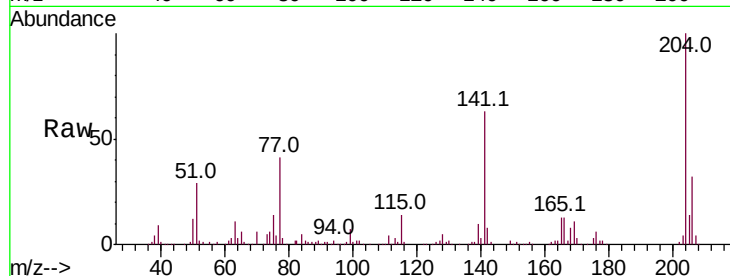
#61
 4-Chlorophenyl-phenylether
 Concen: 37.299 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleID :
 DL-03AMS

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	31.7	26.5	39.7
141	63.0	51.8	77.8

Manual Integrations
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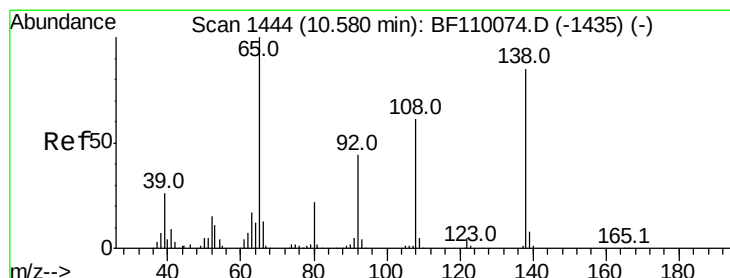
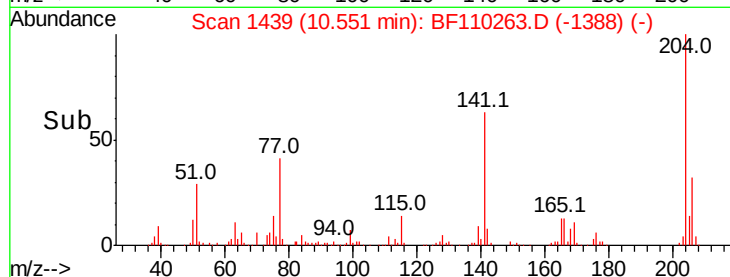
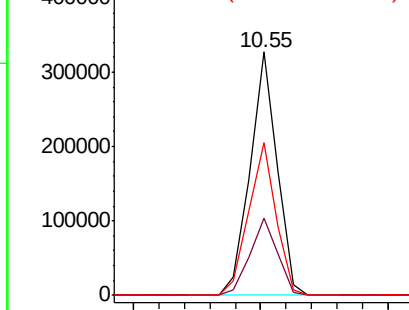


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 30.568 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

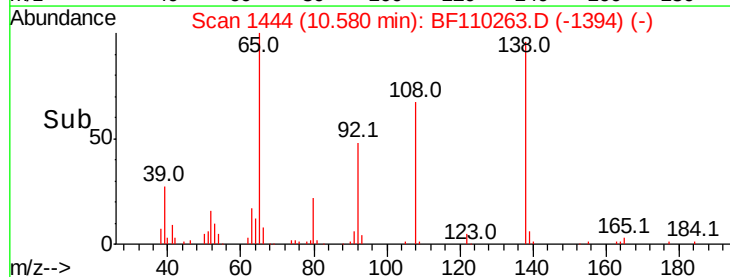
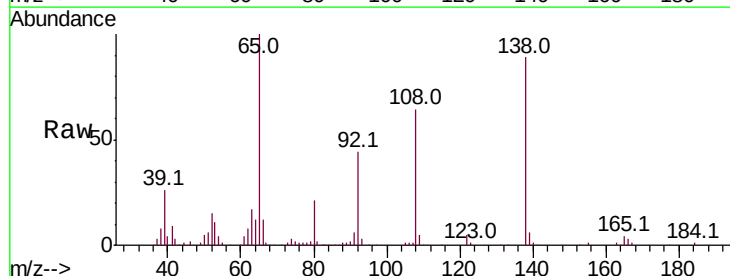
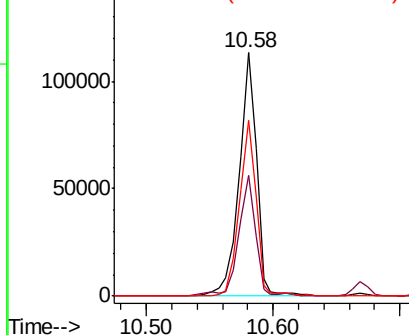
Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	49.8	31.7	71.7
108	72.1	59.3	99.3

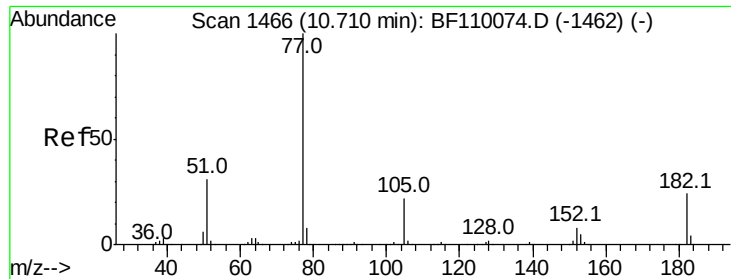
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.205 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

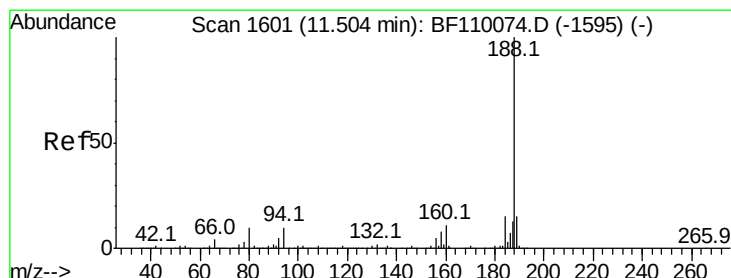
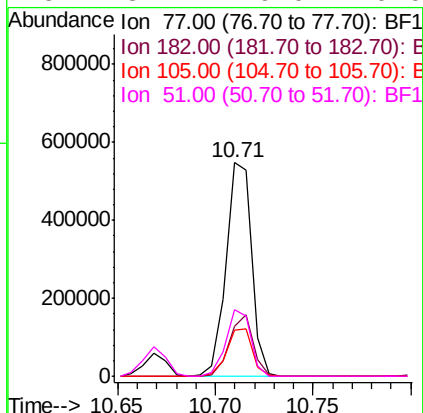
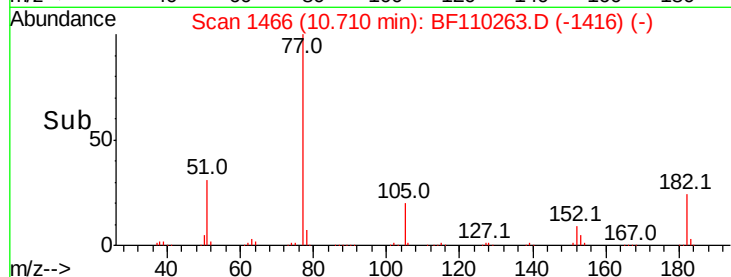
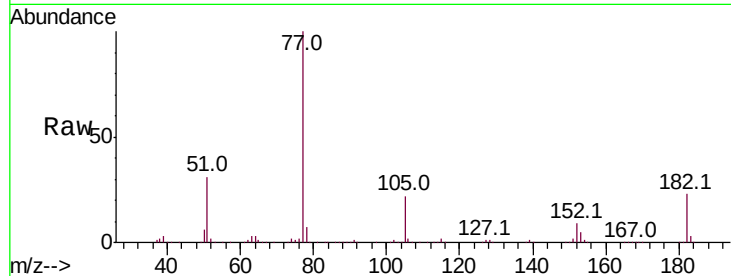
ClientSampled :

DL-03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		497523		
182	23.4	4.3	44.3		
105	21.8	1.3	41.3		
51	31.2	9.0	49.0		

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

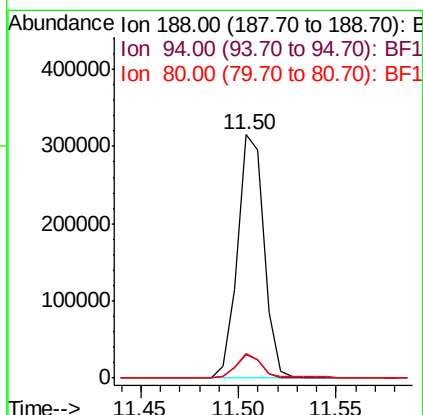
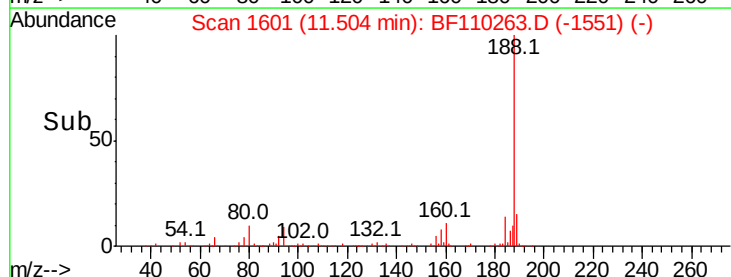
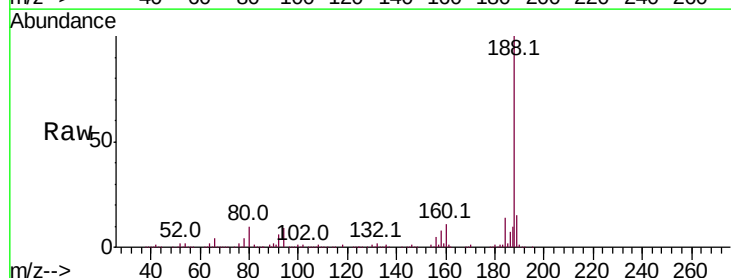
RT: 11.50 min Scan# 1601

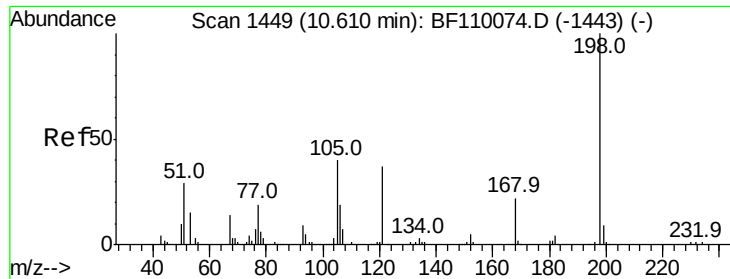
Delta R.T. -0.01 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		296529		
94	9.5	7.2	10.8		
80	10.4	7.9	11.9		





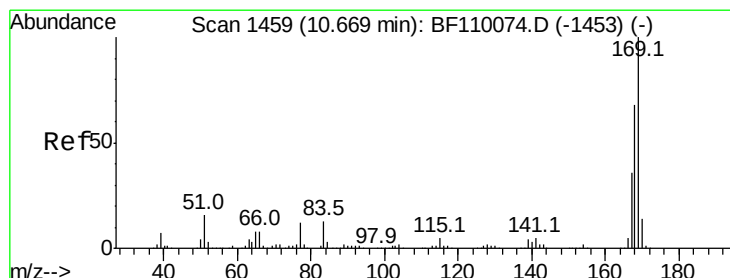
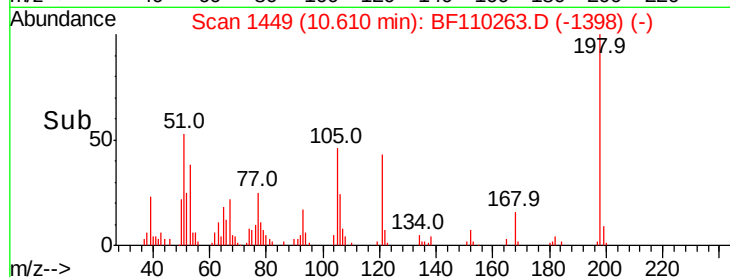
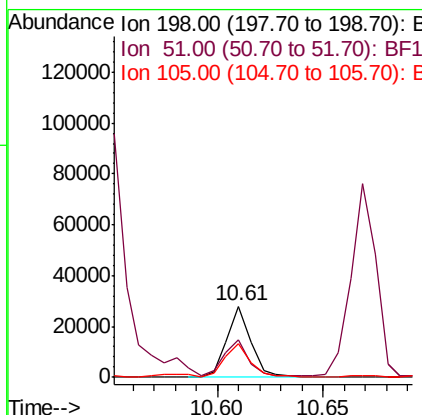
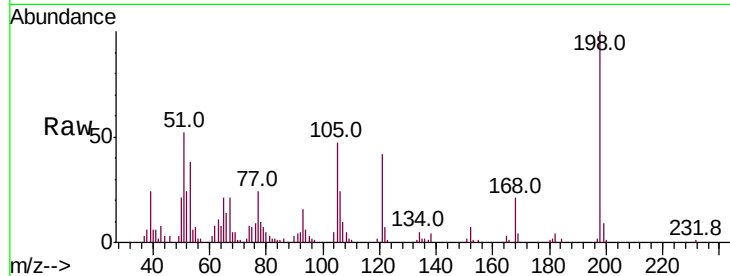
#65
4,6-Dinitro-2-methylphenol
Concen: 16.192 ng
RT: 10.61 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	52.4	22.8	62.8
105	46.7	23.6	63.6

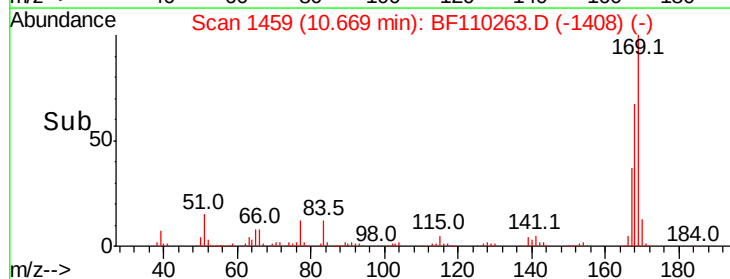
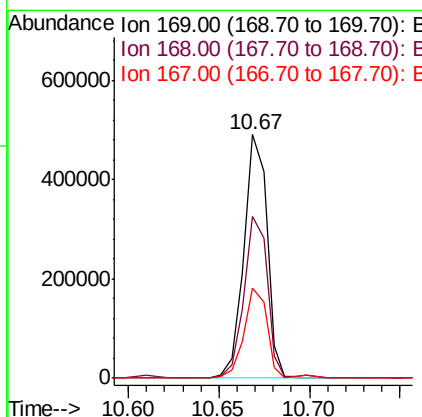
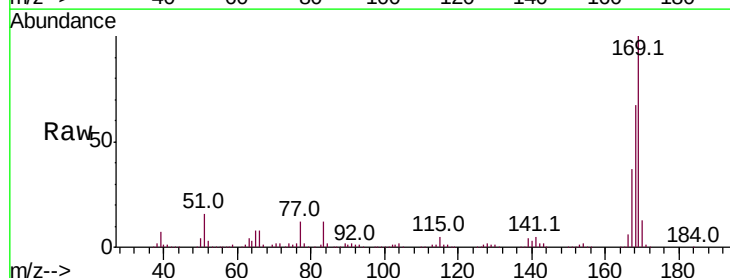
Manual Integrations
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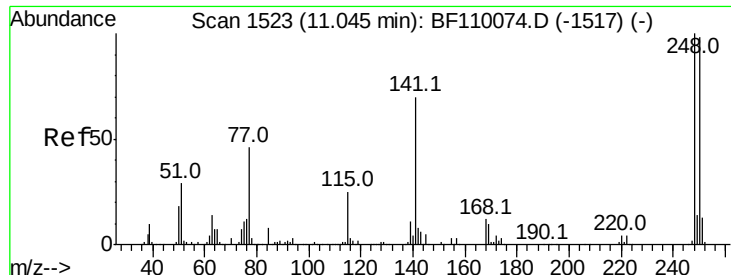
Sohil
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#66
n-Nitrosodiphenylamine
Concen: 44.879 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	51.2	76.8
167	37.0	27.8	41.6





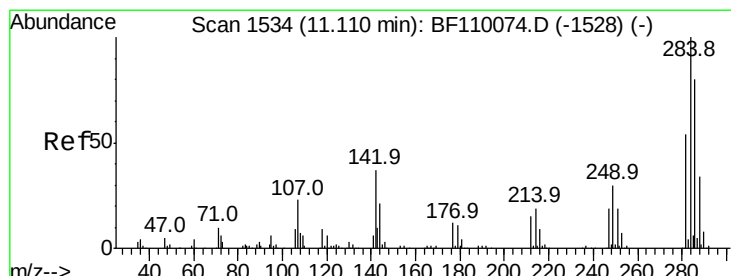
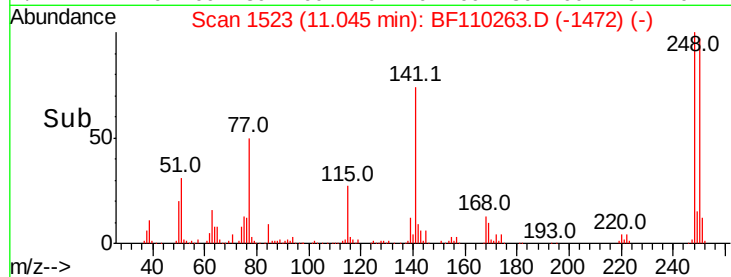
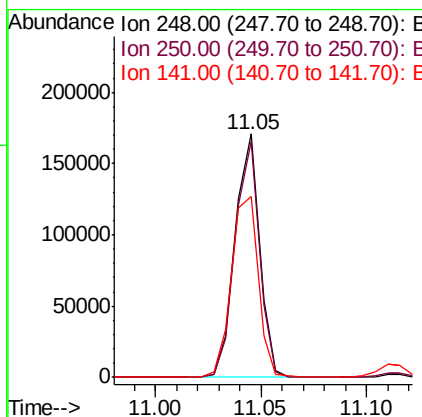
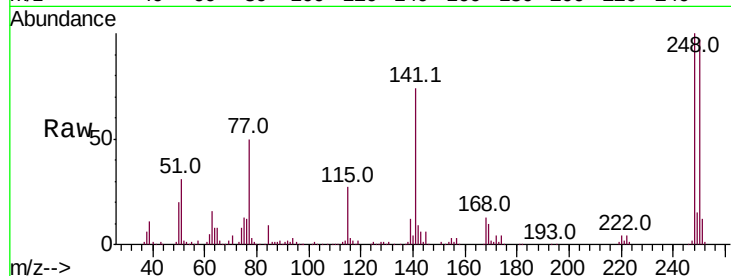
#67
 4-Bromophenyl-phenylether
 Concen: 42.607 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.4	119.2
141	74.1	55.9	83.9

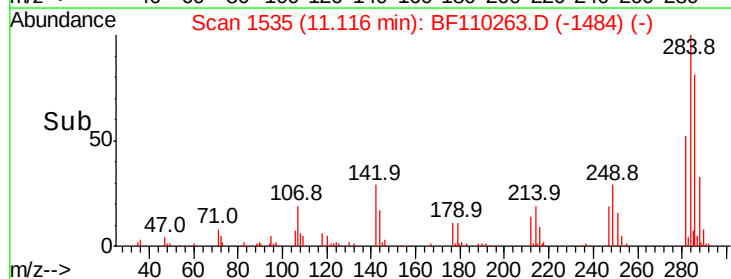
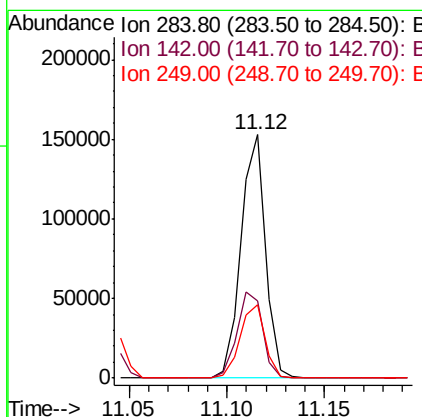
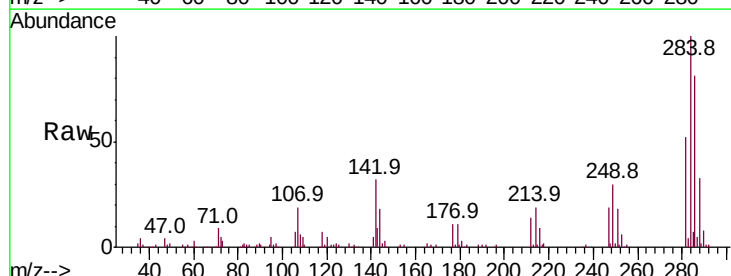
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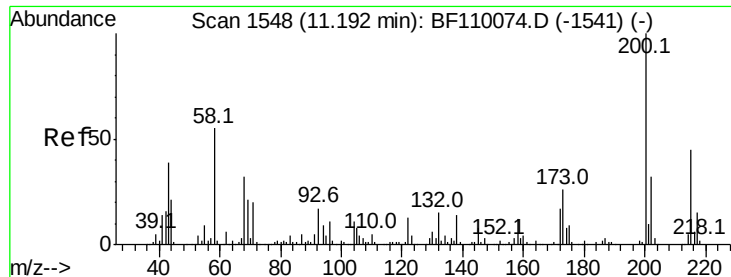
Sohil
 10/30/2018 2:24:09 PM



#68
 Hexachlorobenzene
 Concen: 38.935 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.8	23.9	35.9
249	30.2	24.2	36.2





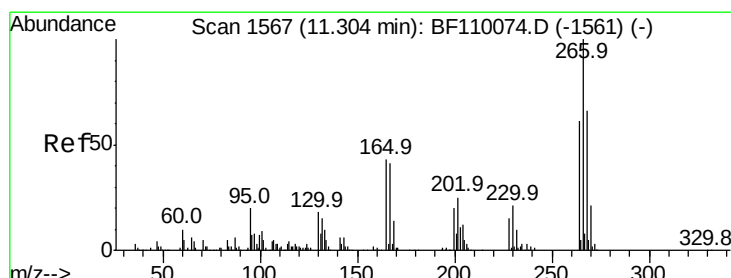
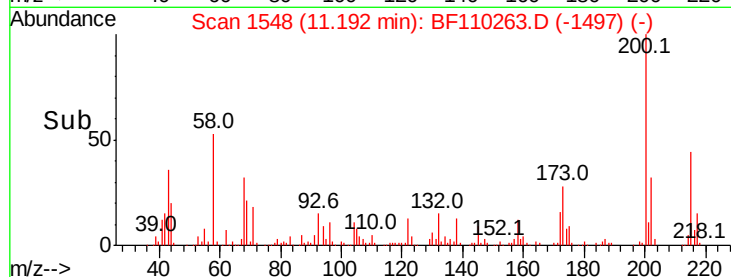
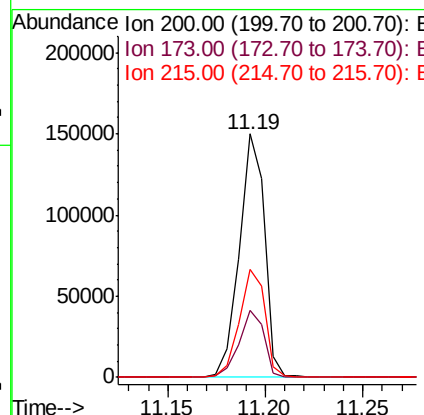
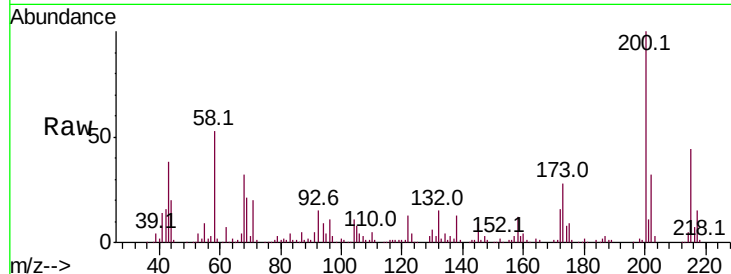
#69
Atrazine
Concen: 43.637 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampled :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.6	6.6	46.6
215	44.1	26.3	66.3

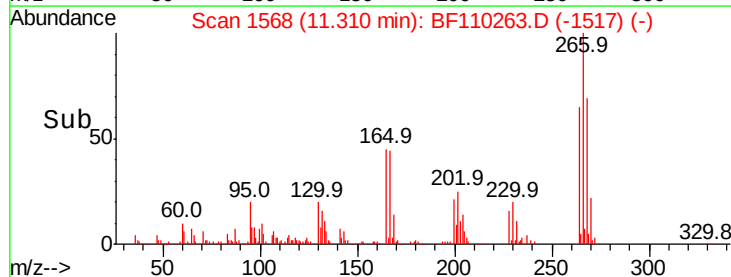
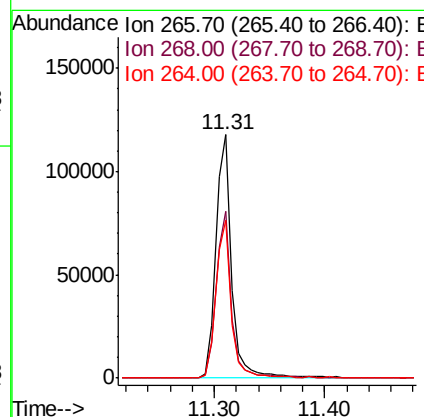
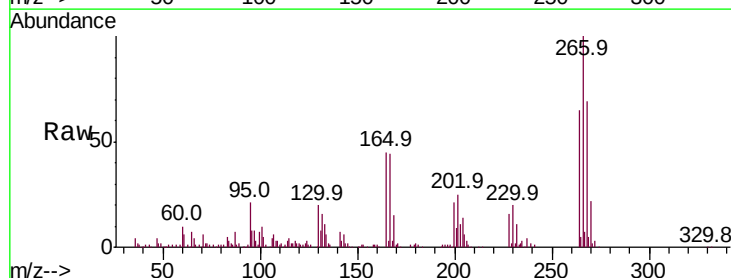
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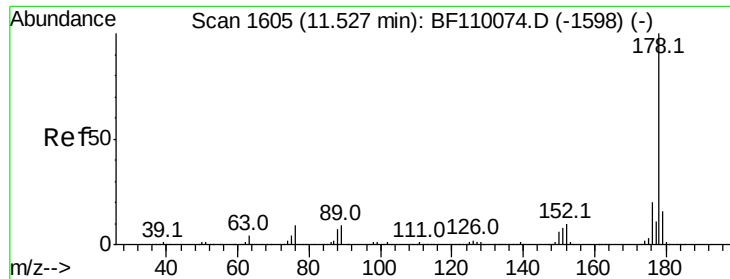
Sohil
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#70
Pentachlorophenol
Concen: 57.256 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.7	50.6	75.8
264	65.1	50.6	75.8





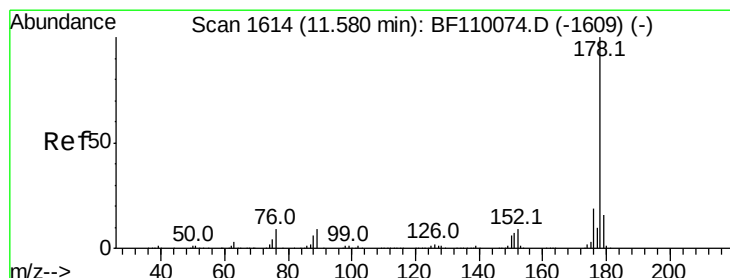
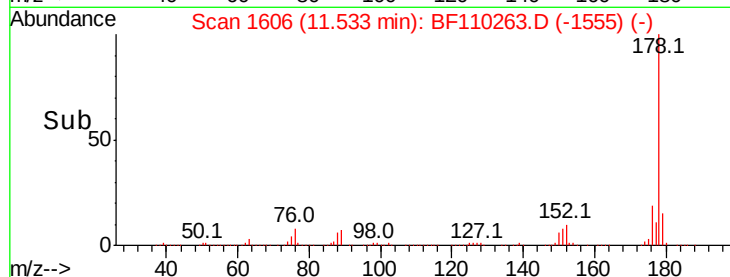
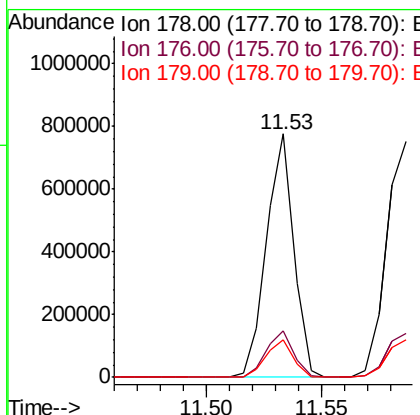
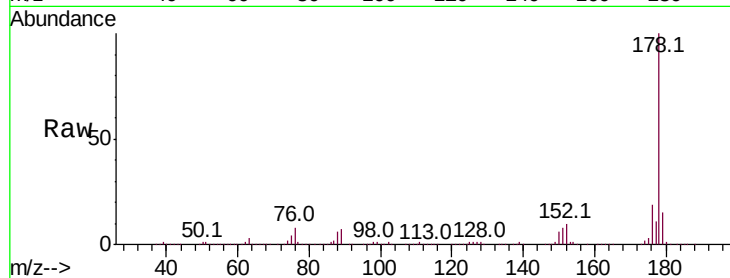
#71
Phenanthrene
Concen: 41.591 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampled :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.5	12.5	18.7

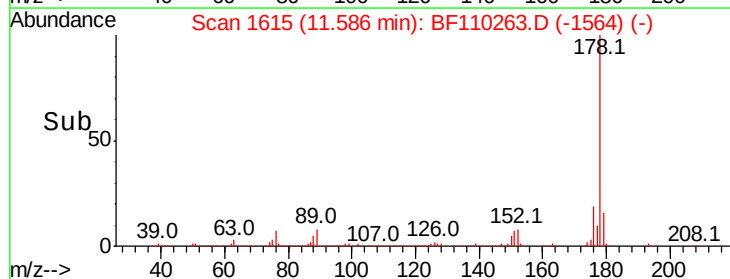
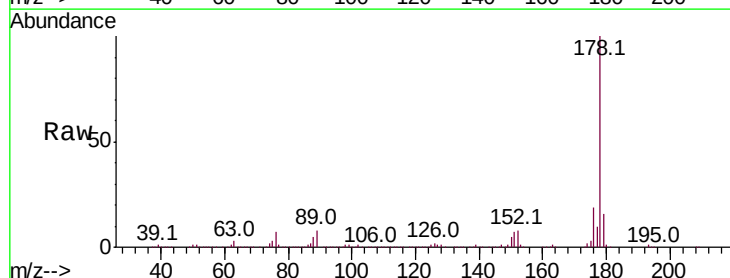
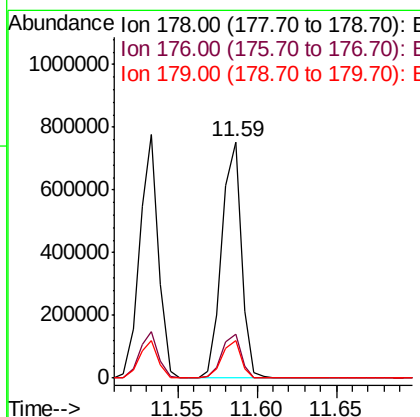
Manual Integrations
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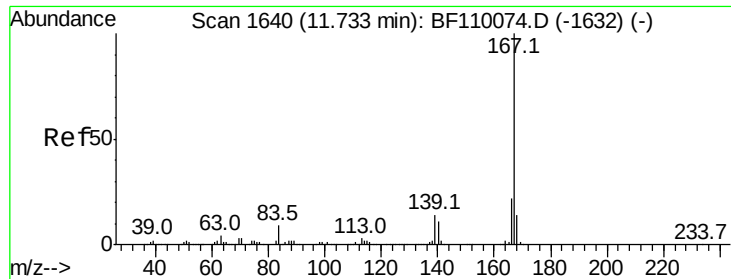
Sohil
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#72
Anthracene
Concen: 41.652 ng
RT: 11.59 min Scan# 1615
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.9	12.6	18.8





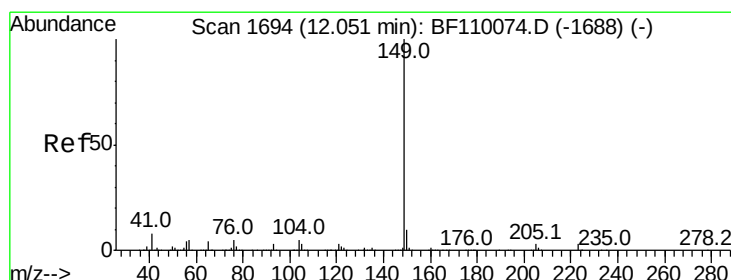
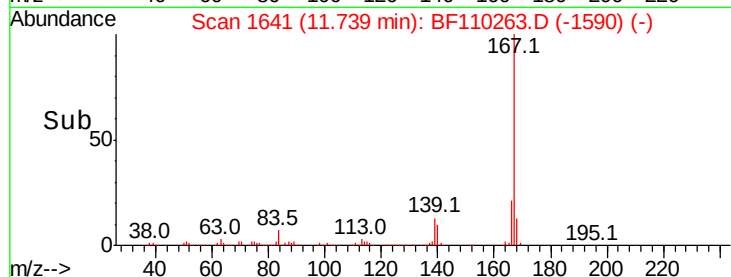
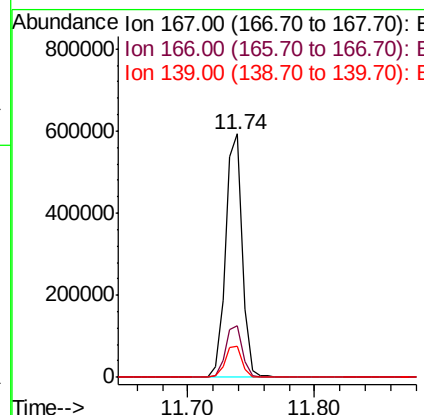
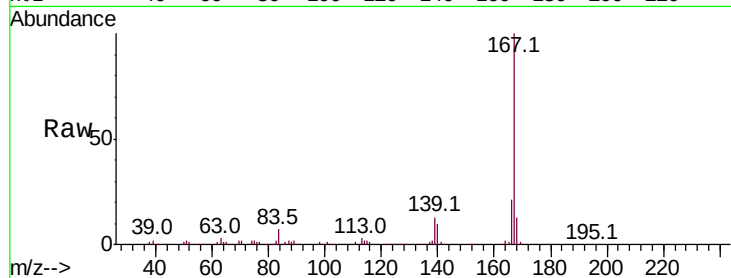
#73
 Carbazole
 Concen: 35.903 ng
 RT: 11.74 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	12.9	10.9	16.3

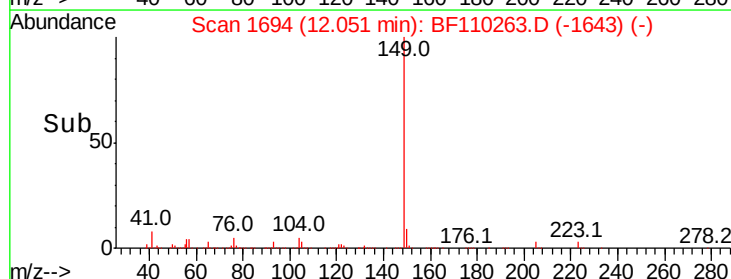
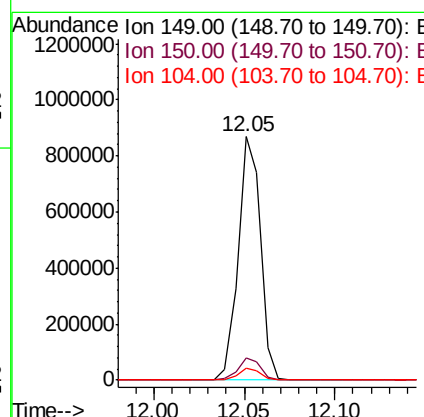
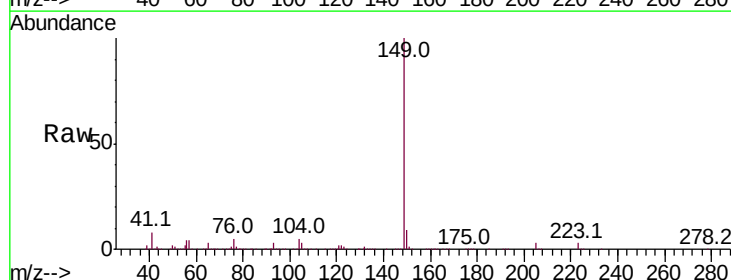
Manual Integrations
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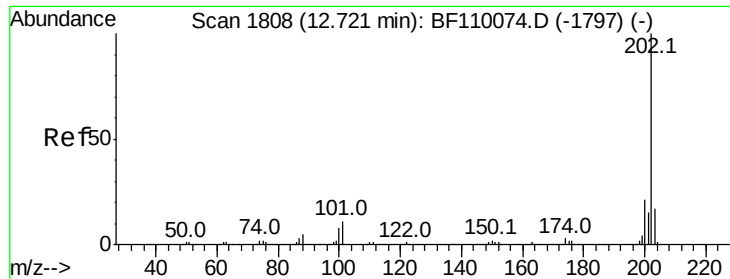
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#74
 Di-n-butylphthalate
 Concen: 43.296 ng
 RT: 12.05 min Scan# 1694
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.0	4.2	6.4





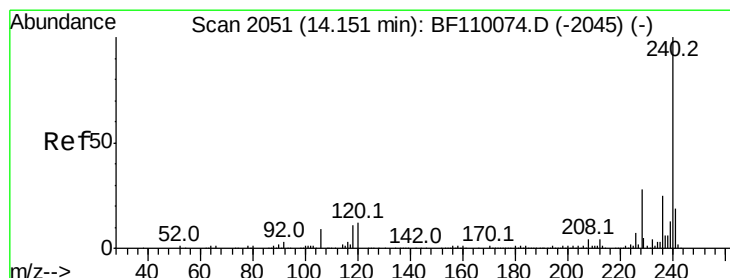
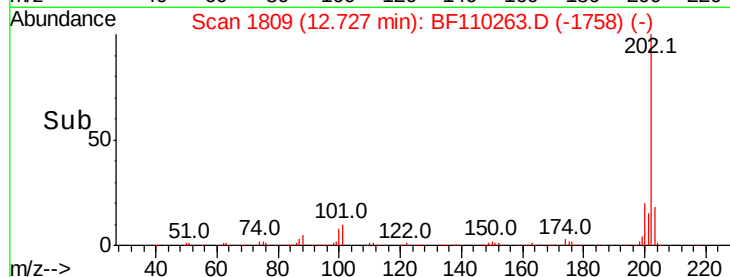
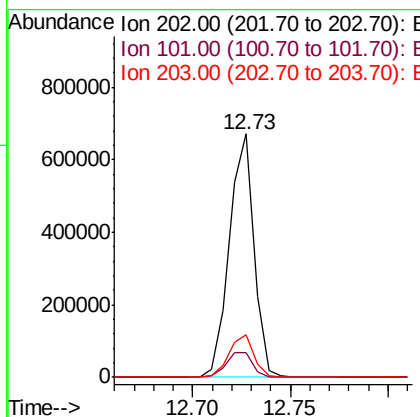
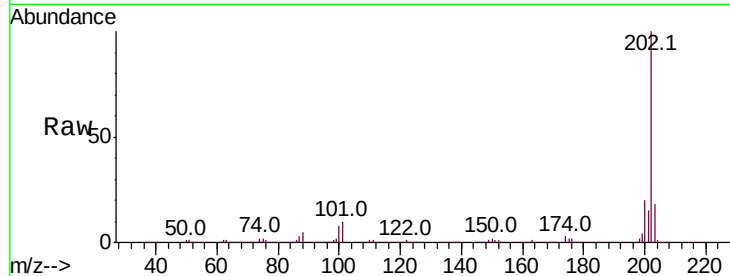
#75
Fluoranthene
Concen: 37.403 ng
RT: 12.73 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	0.0	31.4
203	17.7	0.0	37.7

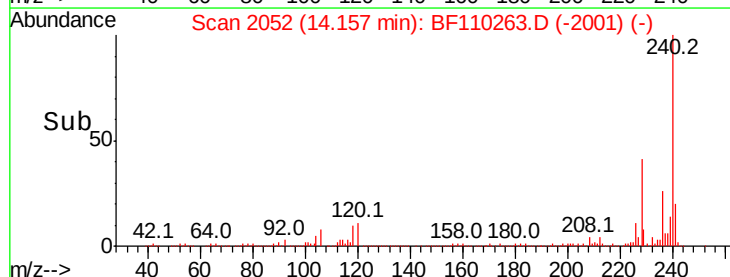
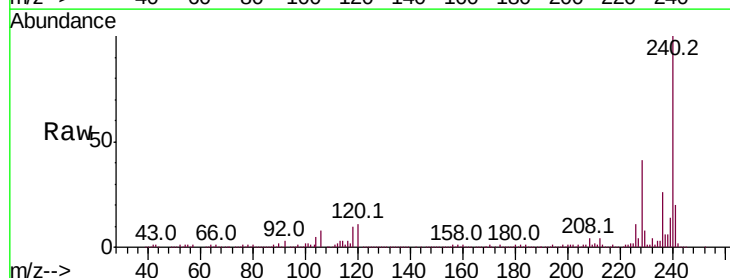
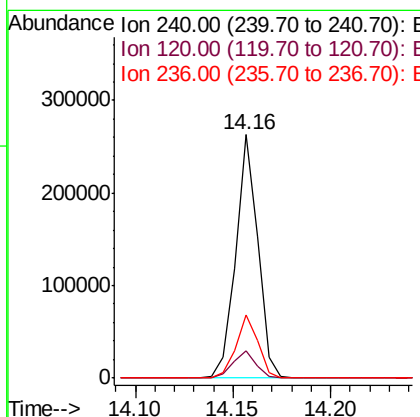
Manual Integrations
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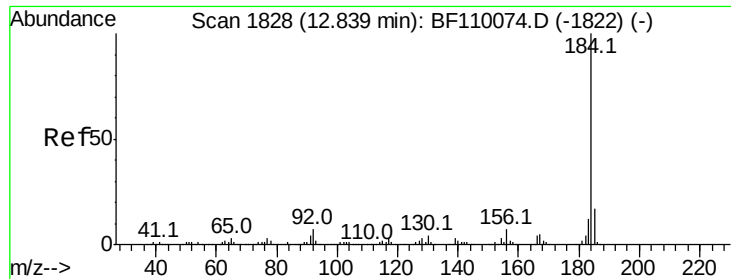
Sohil
10/30/2018 2:24:09 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.9	21.2	31.8





#77

Benzidine

Concen: 18.920 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

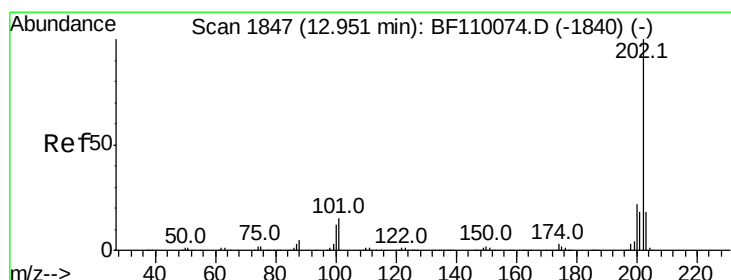
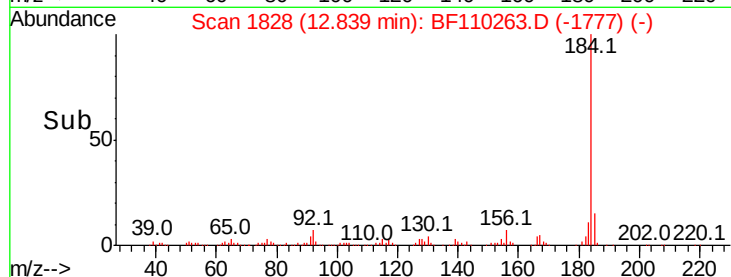
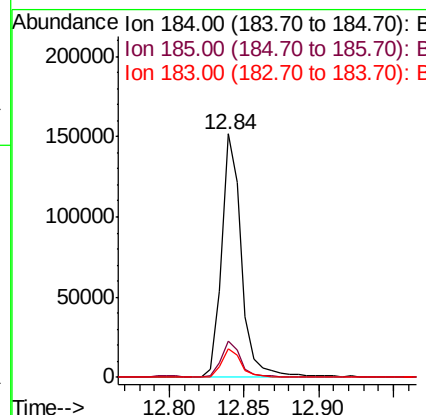
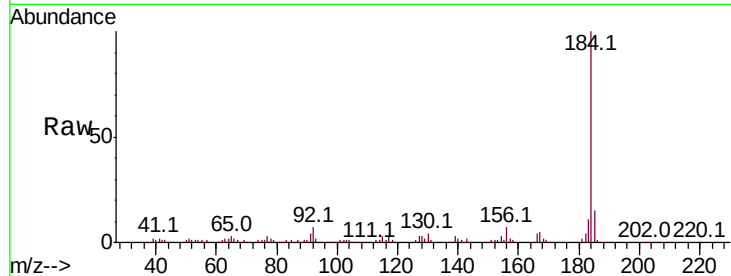
ClientSampleId :

DL-03AMS

Tot Ion:	184	Resp:	142221
Ion Ratio	Lower	Upper	
184	100		
185	14.7	13.4	20.2
183	11.5	9.4	14.2

Manual Integrations
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#78

Pyrene

Concen: 39.702 ng

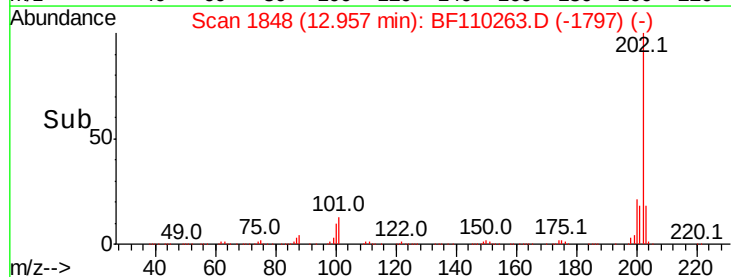
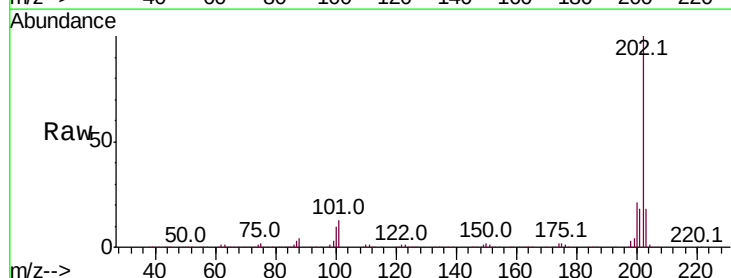
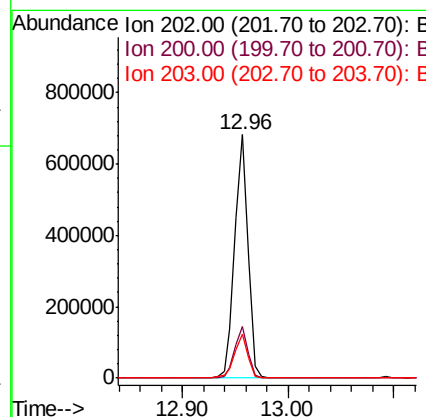
RT: 12.96 min Scan# 1848

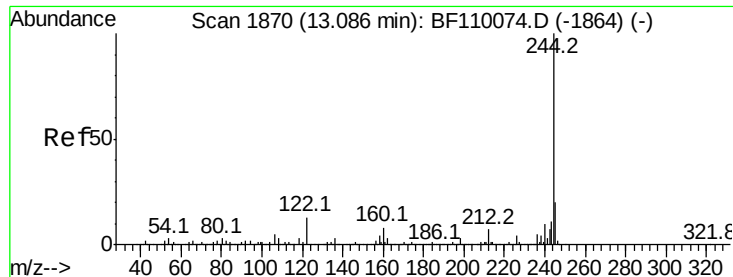
Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:	202	Resp:	587314
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	17.8	14.2	21.4





#79

Terphenyl-d14

Concen: 87.583 ng

RT: 13.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

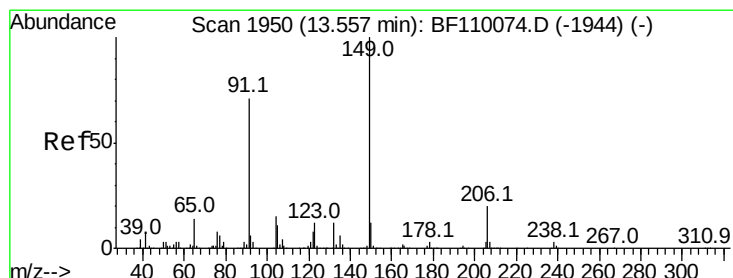
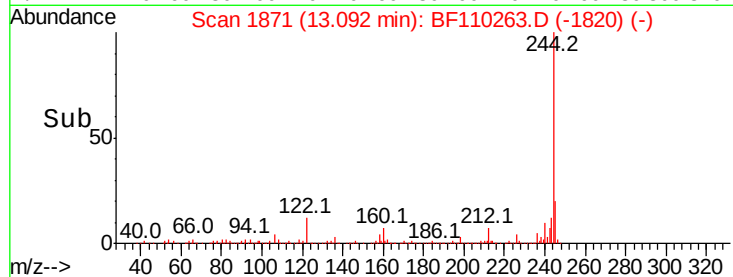
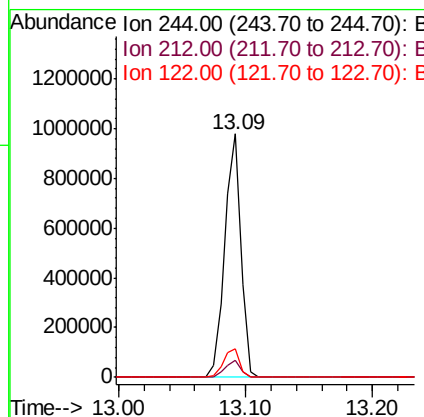
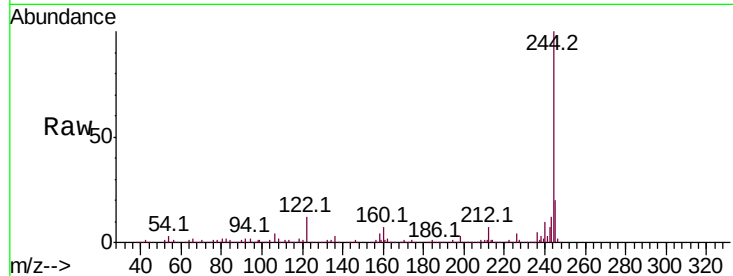
ClientSampled :

DL-03AMS

Tot Ion:	244	Resp:	868987
Ion Ratio		Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.6	8.7	13.1

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 40.468 ng

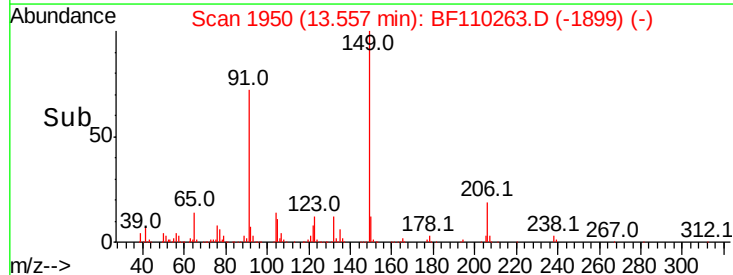
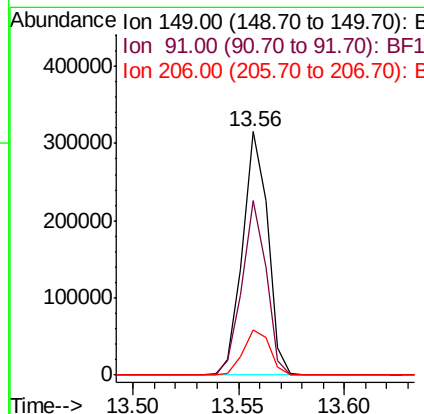
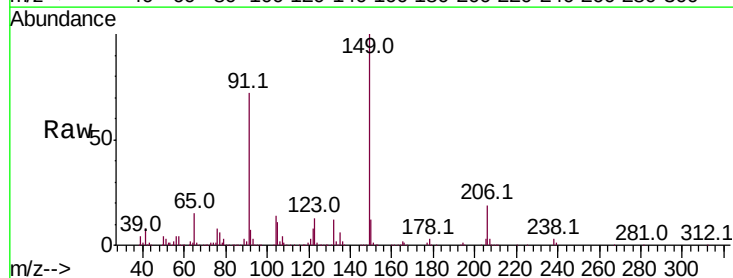
RT: 13.56 min Scan# 1950

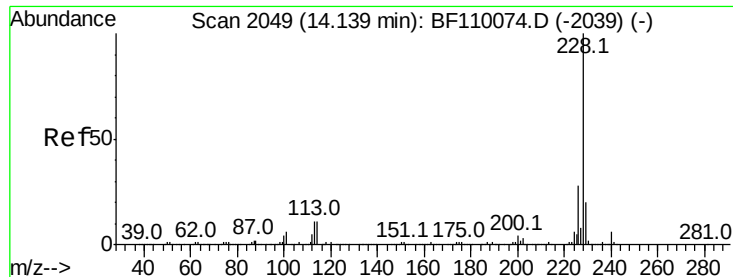
Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Tgt Ion:	149	Resp:	259838
Ion Ratio		Lower	Upper
149	100		
91	71.7	57.2	85.8
206	18.8	15.7	23.5





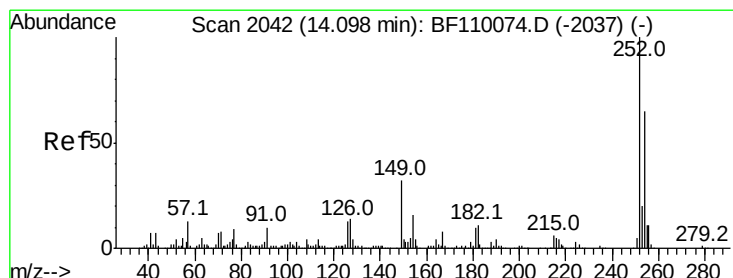
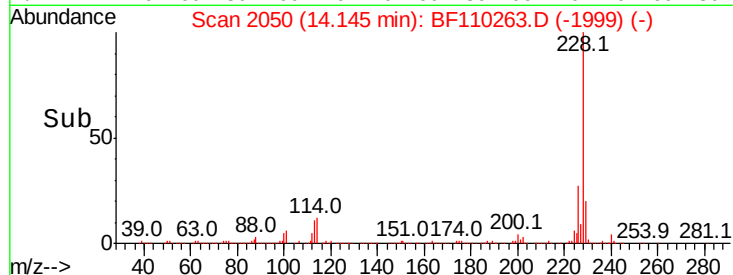
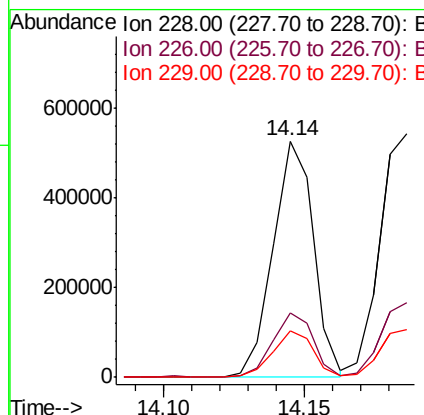
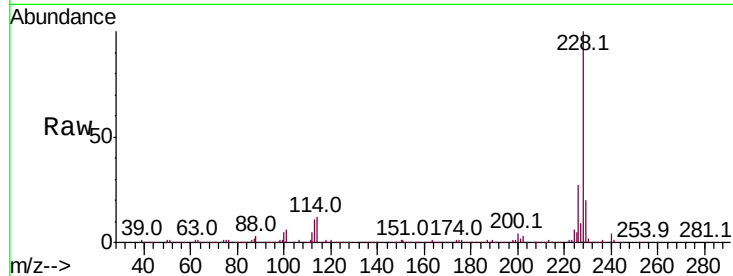
#81
Benzo(a)anthracene
Concen: 42.574 ng
RT: 14.14 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.1	33.1
229	19.9	15.6	23.4

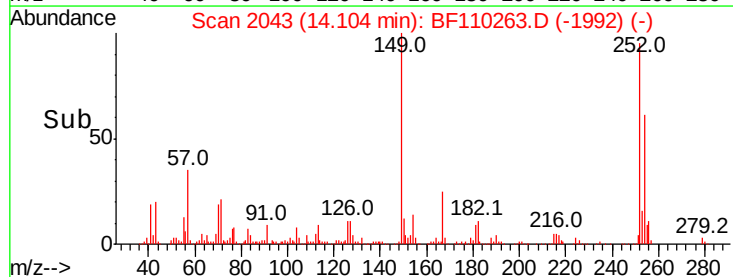
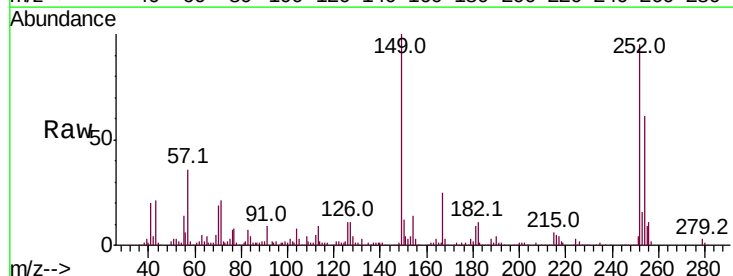
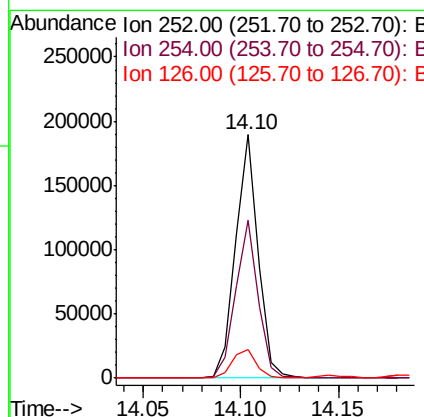
Manual Integrations
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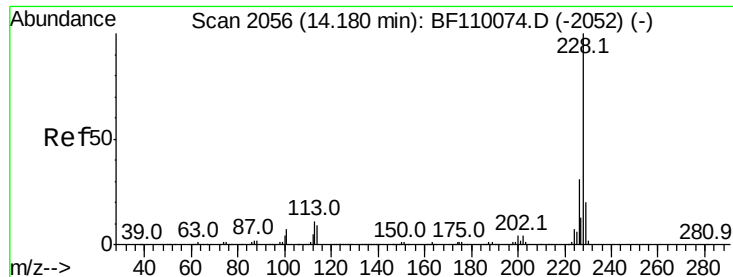
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 35.845 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.3	76.9
126	11.8	9.4	14.2





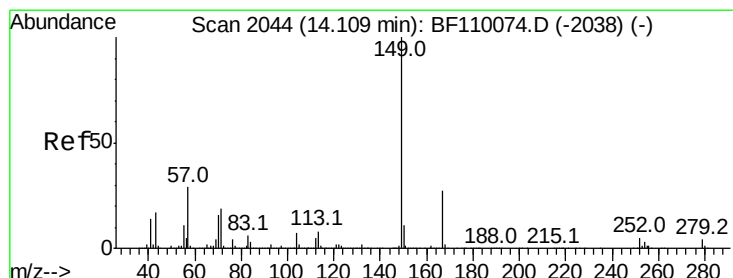
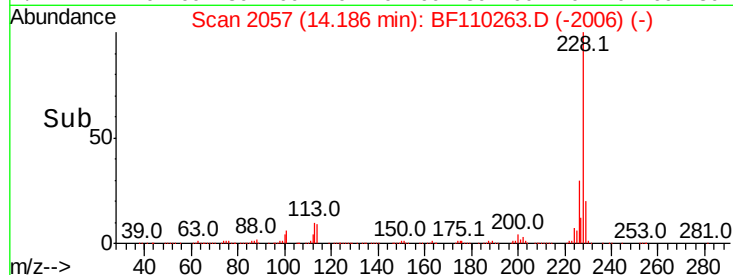
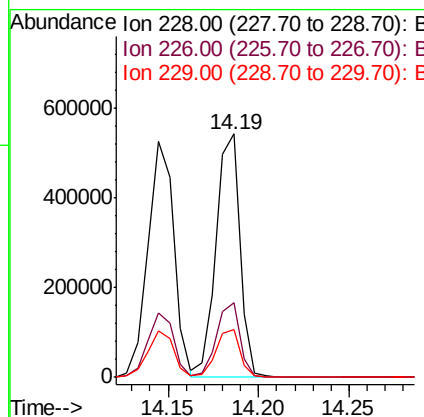
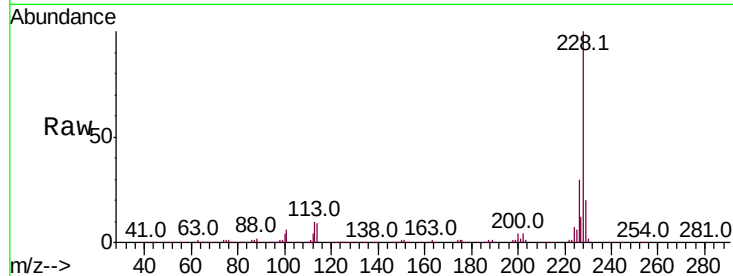
#83
Chrysene
Concen: 42.728 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampled :
DL-03AMS

Tot Ion:	228	Resp:	496604
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.7	37.1
229	19.6	15.9	23.9

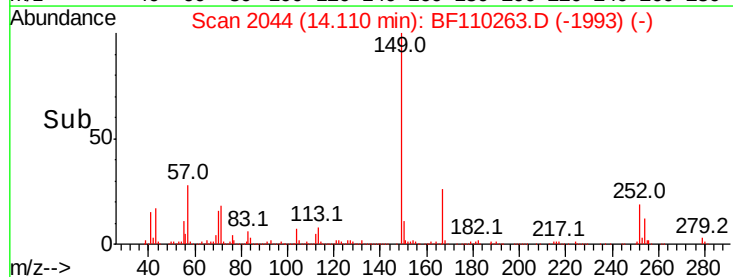
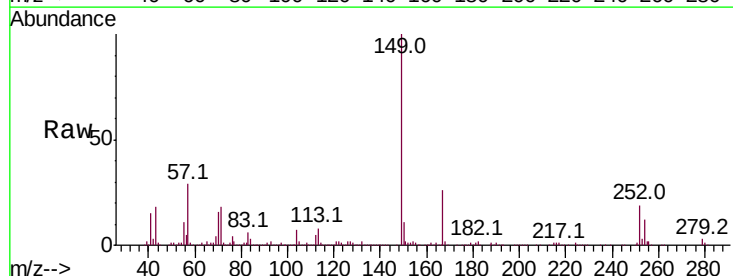
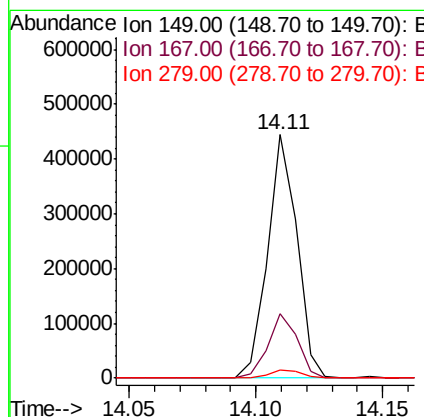
Manual Integrations
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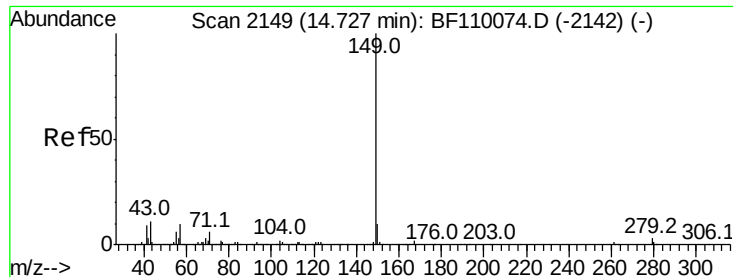
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.194 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion:	149	Resp:	357552
Ion Ratio	Lower	Upper	
149	100		
167	26.4	19.8	29.8
279	3.5	2.7	4.1





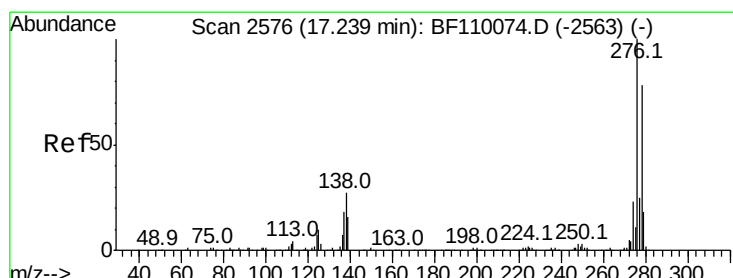
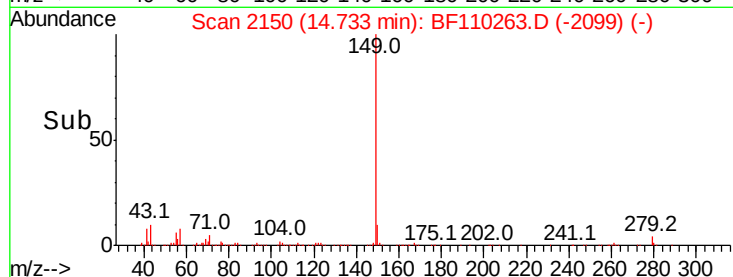
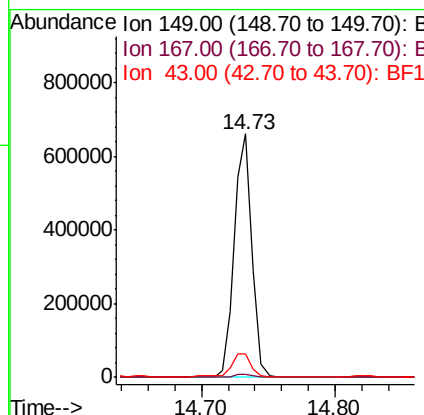
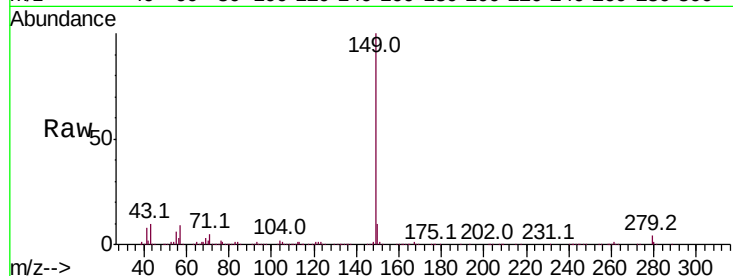
#85
Di-n-octyl phthalate
Concen: 45.415 ng
RT: 14.73 min Scan# 2150
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	612944		
167	1.6		1.1	1.7
43	10.7		7.8	11.8

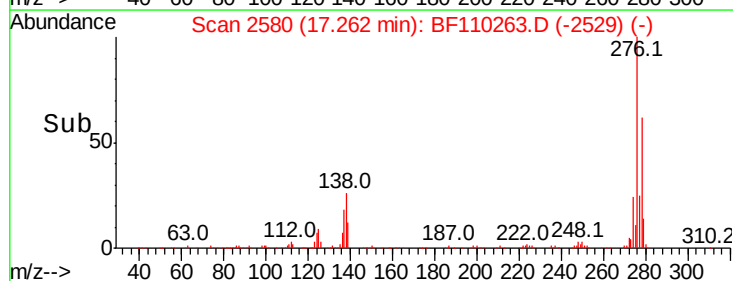
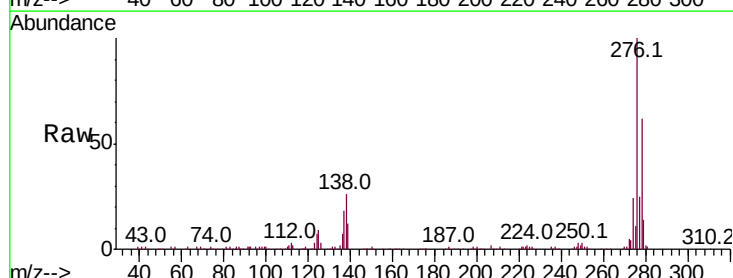
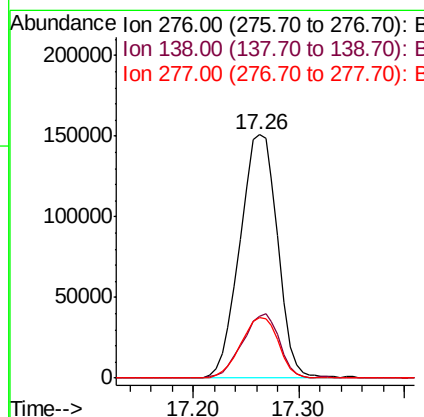
Manual Integrations
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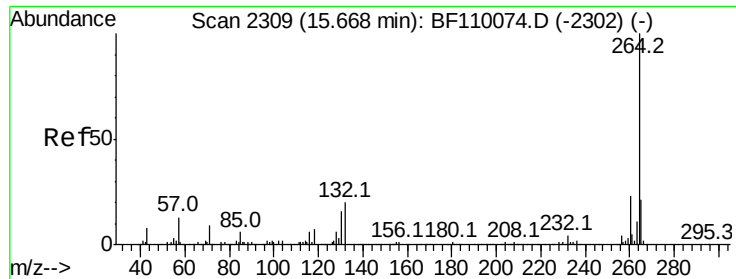
Sohil
10/30/2018 2:24:09 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.835 ng
RT: 17.26 min Scan# 2580
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	374448		
138	26.2		18.5	27.7
277	25.2		20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

Instrument :

BNA_F

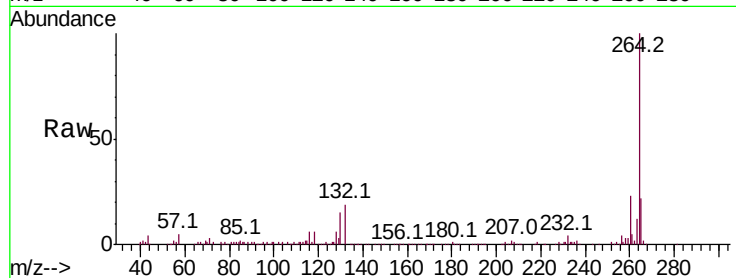
ClientSampleId :

DL-03AMS

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.3	18.7	28.1	
265	22.3	16.7	25.1	

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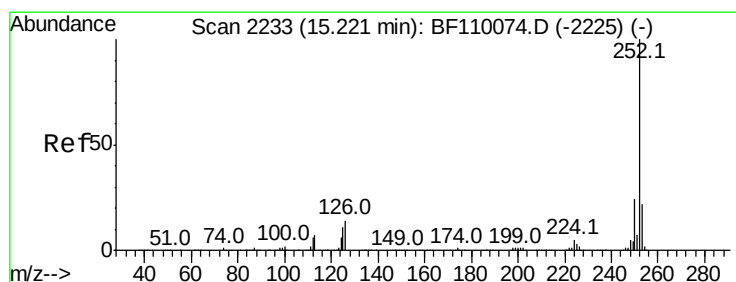
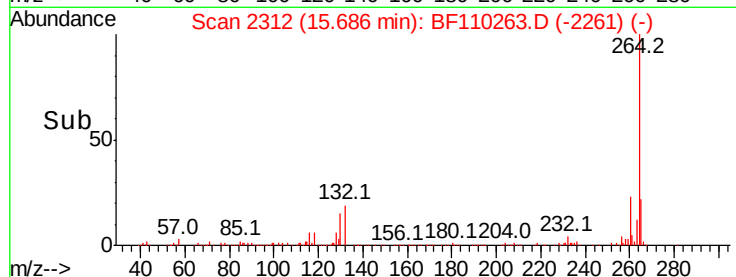
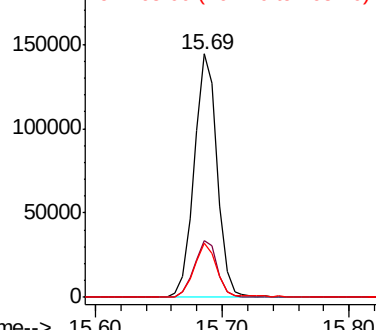


Abundance

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: 44.488 ng

RT: 15.23 min Scan# 2235

Delta R.T. 0.01 min

Lab File: BF110263.D

Acq: 29 Oct 2018 15:33

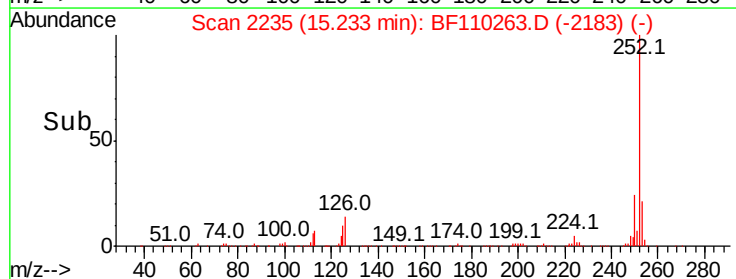
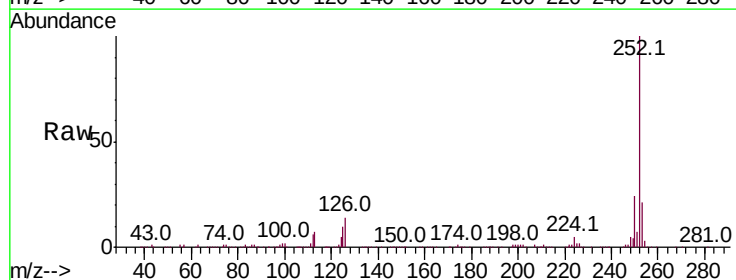
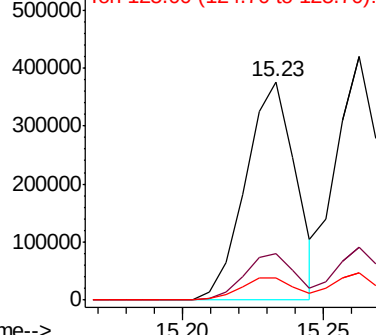
Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.3	17.2	25.8	
125	10.1	8.2	12.4	

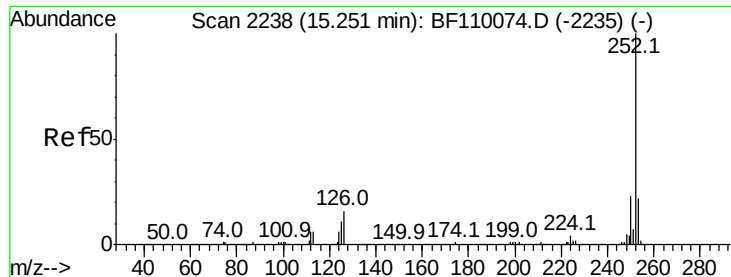
Abundance

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





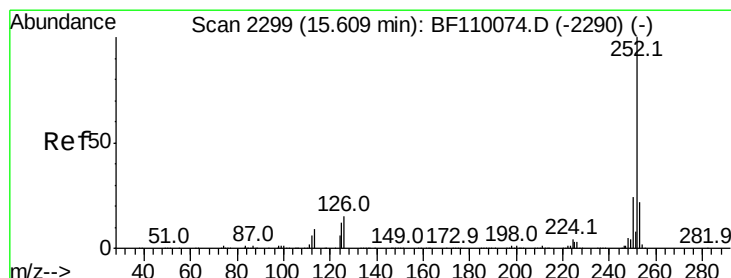
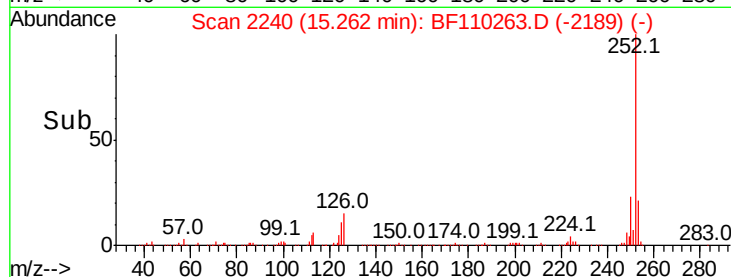
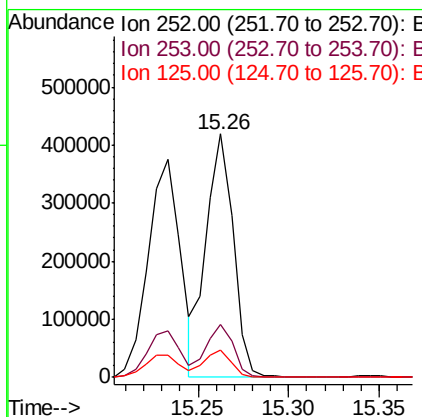
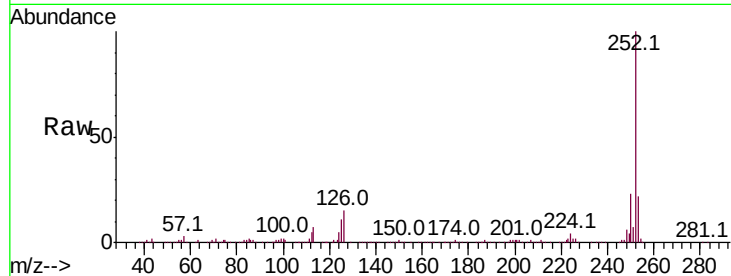
#89
Benzo(k)fluoranthene
Concen: 42.600 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Instrument :
BNA_F
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.0	7.4	11.0

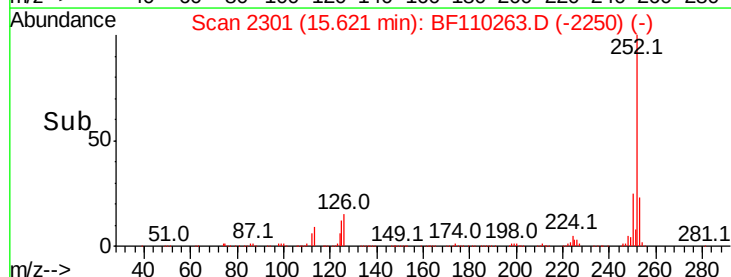
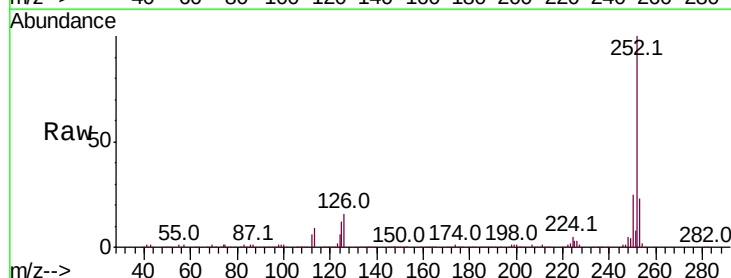
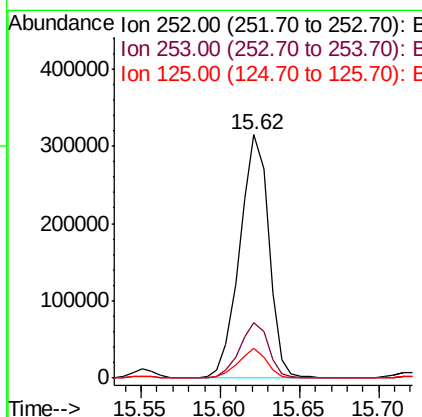
Manual Integrations
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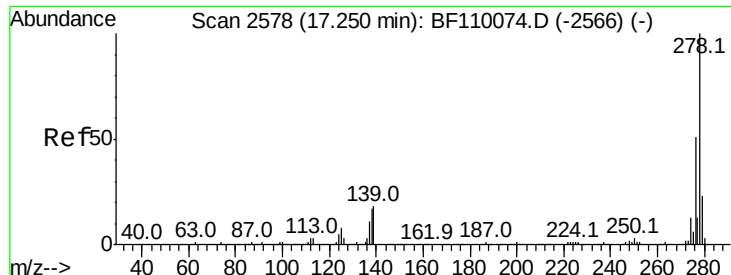
Sohil
10/30/2018 2:24:09 PM



#90
Benzo(a)pyrene
Concen: 42.183 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.00 min
Lab File: BF110263.D
Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	12.1	9.0	13.6





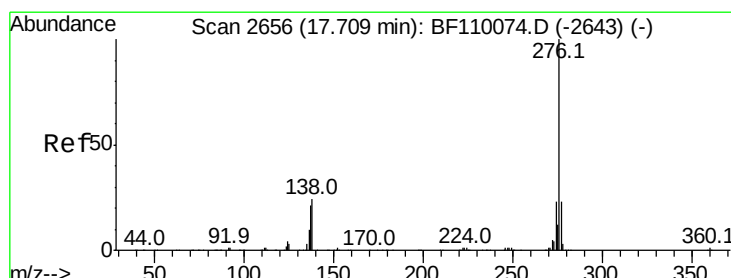
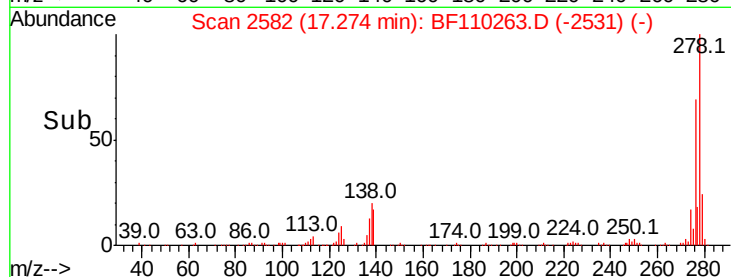
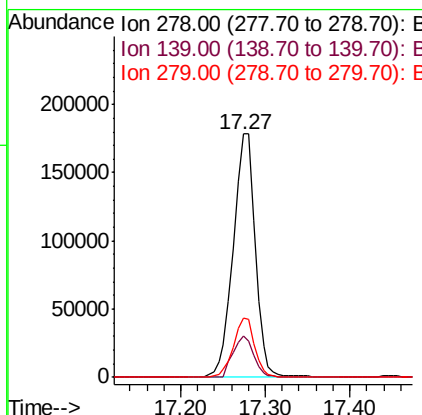
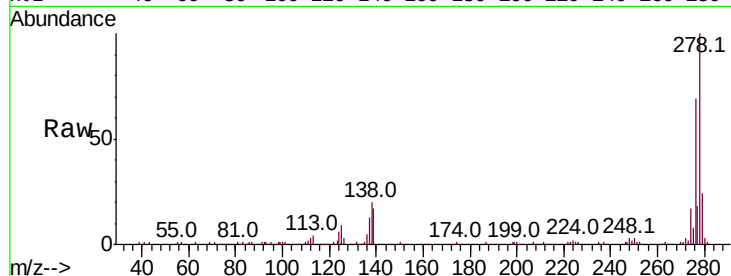
#91
 Dibenzo(a,h)anthracene
 Concen: 38.897 ng
 RT: 17.27 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Instrument :
 BNA_F
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.7	19.1
279	24.4	19.0	28.4

Manual Integrations
 APPROVED

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



#92
 Benzo(g,h,i)perylene
 Concen: 36.561 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. 0.00 min
 Lab File: BF110263.D
 Acq: 29 Oct 2018 15:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.8	28.2
138	21.7	16.0	24.0

