

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109270.D
 Acq On : 24 Sep 2018 16:26
 Operator : JU/SJ
 Sample : J5017-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Manual Integrations
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Sohil
 9/25/2018 9:57:34 AM

Quant Time: Sep 25 04:56:35 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	107204	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	404051	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	168448	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	248140	20.00	ng	0.01
75) Chrysene-d12	13.87	240	190215	20.00	ng	0.03
86) Perylene-d12	15.28	264	177193	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	631833	97.07	ng	0.00
7) Phenol-d6	6.36	99	811438	97.70	ng	0.00
23) Nitrobenzene-d5	7.27	82	504327	73.68	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	162968	98.14	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	885450	79.28	ng	0.00
78) Terphenyl-d14	12.83	244	545879	70.43	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	84323	28.130	ng	95
3) Pyridine	3.10	79	231083	29.952	ng	91
4) n-Nitrosodimethylamine	3.02	42	120681	36.756	ng	# 99
6) Aniline	6.37	93	290043	27.296	ng	# 1
8) 2-Chlorophenol	6.50	128	258899	35.770	ng	96
9) Benzaldehyde	6.25	77	174954	32.791	ng	97
10) Phenol	6.37	94	324461	34.497	ng	82
11) bis(2-Chloroethyl)ether	6.45	93	251553	34.180	ng	98
12) 1,3-Dichlorobenzene	6.65	146	281359	33.762	ng	99
13) 1,4-Dichlorobenzene	6.73	146	282142	33.606	ng	99
14) 1,2-Dichlorobenzene	6.88	146	268031	34.608	ng	99
15) Benzyl Alcohol	6.85	79	237578	37.371	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	347239	33.262	ng	95
17) 2-Methylphenol	6.97	107	208786	35.650	ng	96
18) Hexachloroethane	7.22	117	97936	33.110	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	185984	34.175	ng	99
20) 3+4-Methylphenols	7.12	107	260779	36.881	ng	# 60
22) Acetophenone	7.12	105	361854	38.736	ng	# 92
24) Nitrobenzene	7.29	77	274831	37.763	ng	99
25) Isophorone	7.53	82	500543	40.611	ng	98
26) 2-Nitrophenol	7.61	139	125775	43.701	ng	96
27) 2,4-Dimethylphenol	7.65	122	222838	41.493	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	309743	37.963	ng	99
29) 2,4-Dichlorophenol	7.85	162	216961	38.450	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	223614	35.466	ng	96
31) Naphthalene	8.02	128	731675	38.752	ng	99
32) Benzoic acid	7.75	122	60096m	20.932	ng	
33) 4-Chloroaniline	8.06	127	211542	25.647	ng	99
34) Hexachlorobutadiene	8.14	225	134315	35.337	ng	99
35) Caprolactam	8.42	113	77873	43.227	ng	92
36) 4-Chloro-3-methylphenol	8.55	107	222431	37.461	ng	99
37) 2-Methylnaphthalene	8.70	142	477785	39.253	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	216508	40.386	ng	98
40) Hexachlorocyclopentadiene	8.86	237	44084	18.853	ng	99

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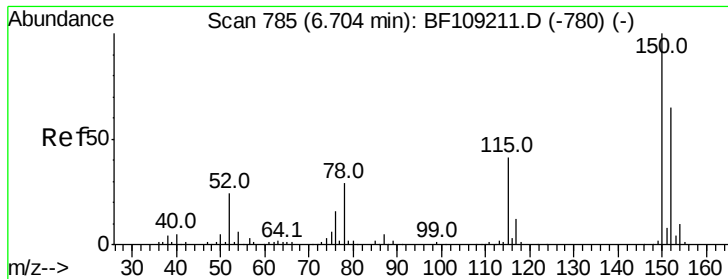
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	145282	42.225	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	149040	41.015	nq	92
45) 1,1'-Biphenyl	9.17	154	539951	39.342	nq	99
46) 2-Chloronaphthalene	9.19	162	418972	38.213	nq	98
47) 2-Nitroaniline	9.29	65	127906	41.146	nq	98
48) Acenaphthylene	9.60	152	637764	38.558	nq	99
49) Dimethylphthalate	9.47	163	567942	46.356	nq	# 99
50) 2,6-Dinitrotoluene	9.53	165	99744	41.106	nq	90
51) Acenaphthene	9.78	154	369464	36.945	nq	99
52) 3-Nitroaniline	9.69	138	98122	34.918	nq	96
53) 2,4-Dinitrophenol	9.80	184	15302	24.396	nq	# 25
54) Dibenzofuran	9.95	168	521270	35.050	nq	# 95
55) 4-Nitrophenol	9.86	139	161379	76.235	nq	89
56) 2,4-Dinitrotoluene	9.93	165	120175	39.142	nq	# 98
57) Fluorene	10.29	166	398227	37.528	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	103453	35.956	nq	# 94
59) Diethylphthalate	10.17	149	450336	36.298	nq	97
60) 4-Chlorophenyl-phenylether	10.29	204	187037	33.747	nq	99
61) 4-Nitroaniline	10.30	138	90630	33.071	nq	92
62) Azobenzene	10.45	77	423095	32.823	nq	96
64) 4,6-Dinitro-2-methylphenol	10.35	198	17862	22.062	nq	# 35
65) n-Nitrosodiphenylamine	10.40	169	459555	56.054	nq	92
66) 4-Bromophenyl-phenylether	10.77	248	111390	40.425	nq	93
67) Hexachlorobenzene	10.85	284	110132	37.633	nq	94
68) Atrazine	10.93	200	118839	47.132	nq	94
69) Pentachlorophenol	11.04	266	111001	63.373	nq	99
70) Phenanthrene	11.26	178	567927	45.839	nq	98
71) Anthracene	11.30	178	497752	39.610	nq	97
72) Carbazole	11.46	167	428401	34.264	nq	96
73) Di-n-butylphthalate	11.80	149	496855	34.520	nq	98
74) Fluoranthene	12.46	202	421488	31.833	nq	95
76) Benzidine	12.56	184	176709	25.766	nq	# 86
77) Pyrene	12.68	202	490755	35.999	nq	97
79) Butylbenzylphthalate	13.29	149	195509	33.710	nq	# 85
80) Benzo(a)anthracene	13.86	228	433886	37.870	nq	# 95
81) 3,3'-Dichlorobenzidine	13.82	252	150325	34.524	nq	98
82) Chrysene	13.90	228	421097	37.082	nq	97
83) Bis(2-ethylhexyl)phthalate	13.86	149	265742	36.331	nq	# 97
84) Di-n-octyl phthalate	14.46	149	478742	38.280	nq	# 74
85) Indeno(1,2,3-cd)pyrene	16.63	276	348716	37.885	nq	# 92
87) Benzo(b)fluoranthene	14.89	252	419966	43.133	nq	# 91
88) Benzo(k)fluoranthene	14.91	252	321179	34.762	nq	# 93
89) Benzo(a)pyrene	15.23	252	343347	39.134	nq	# 93
90) Dibenzo(a,h)anthracene	16.64	278	293842	40.824	nq	98
91) Benzo(g,h,i)perylene	17.04	276	286934	40.562	nq	# 91

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



#1

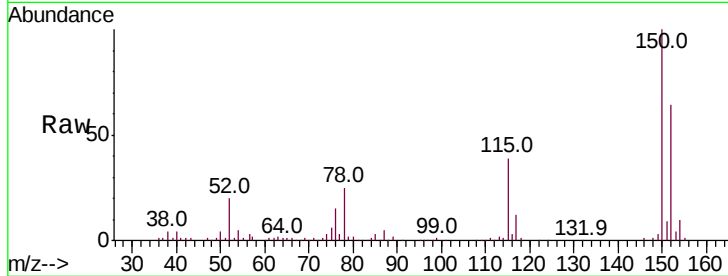
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	59.9	50.1	75.1

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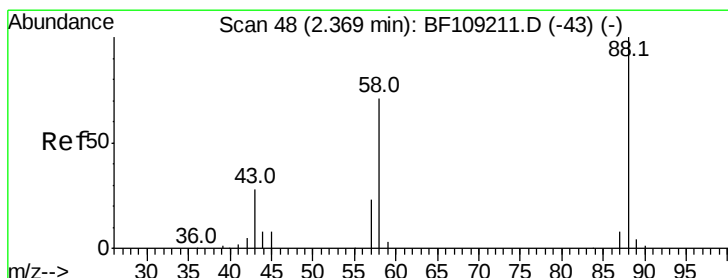
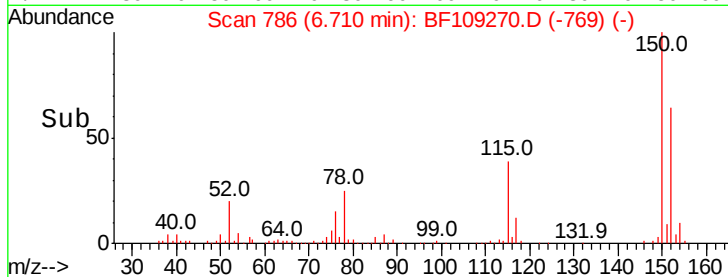
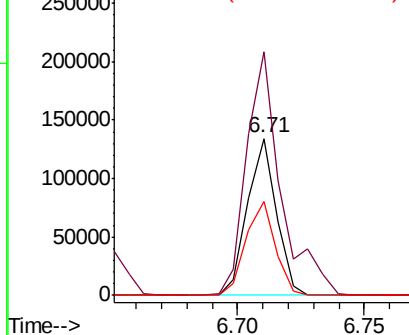


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

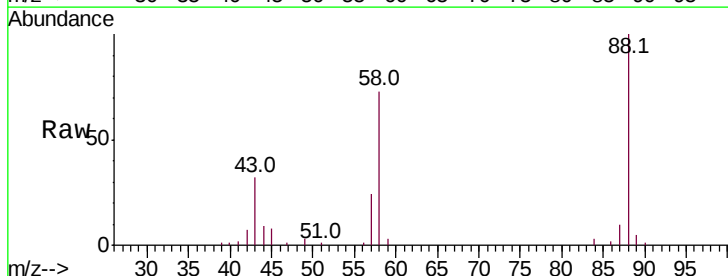
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.130 ng
RT: 2.39 min Scan# 51
Delta R.T. 0.02 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	62.6	93.8
43	30.7	24.6	37.0

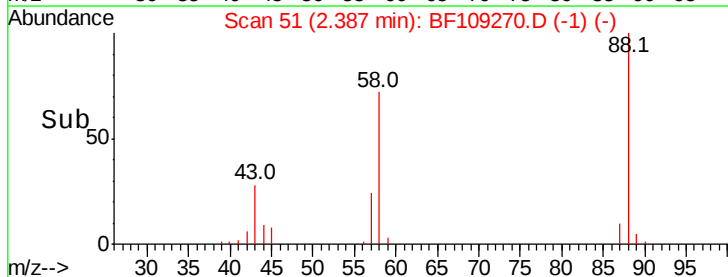
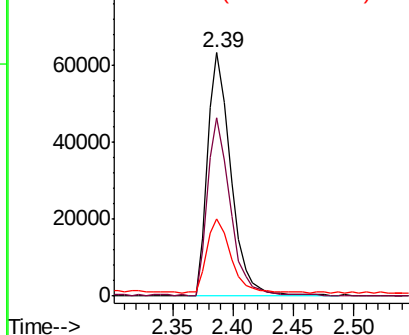


Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.952 ng

RT: 3.10 min Scan# 172

Delta R.T. 0.04 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

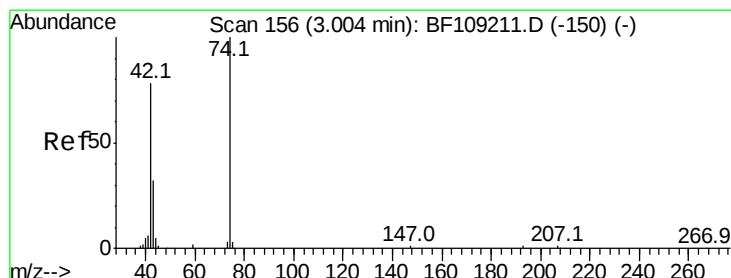
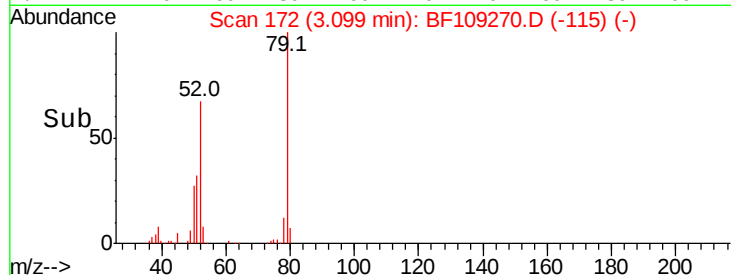
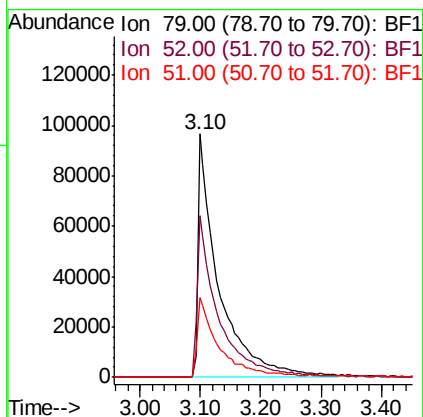
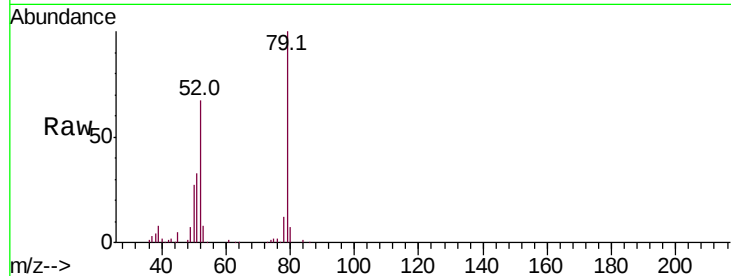
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	79	Resp:	231083
Ion Ratio	Lower	Upper	
79	100		
52	66.6	59.8	89.6
51	32.8	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 36.756 ng

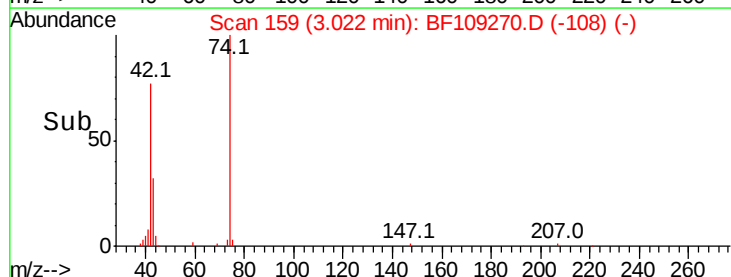
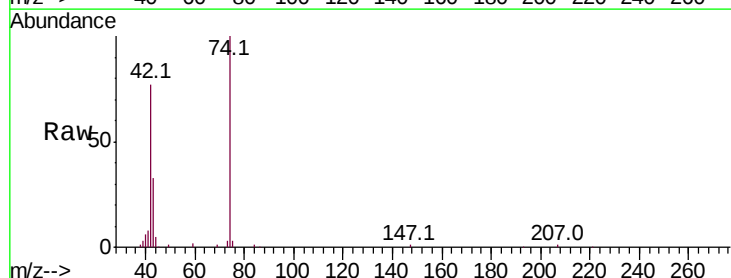
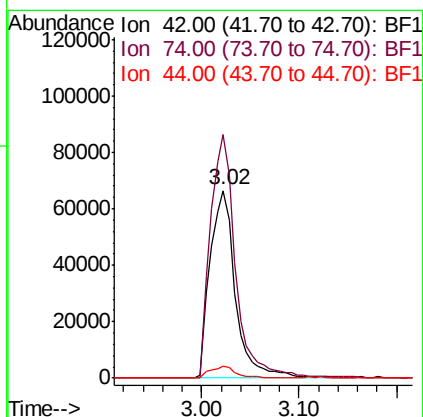
RT: 3.02 min Scan# 159

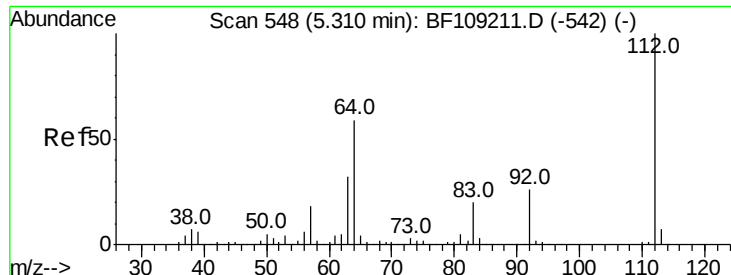
Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	42	Resp:	120681
Ion Ratio	Lower	Upper	
42	100		
74	129.8	104.9	157.3
44	6.1	6.9	10.3#





#5

2-Fluorophenol

Concen: 97.075 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

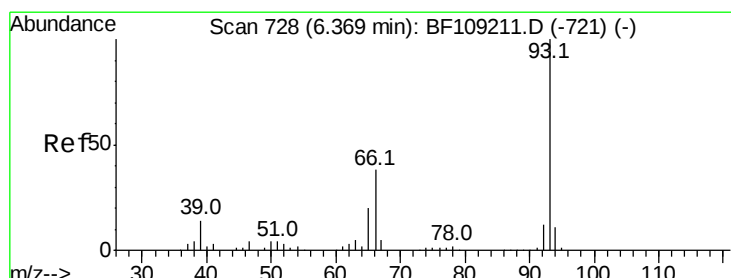
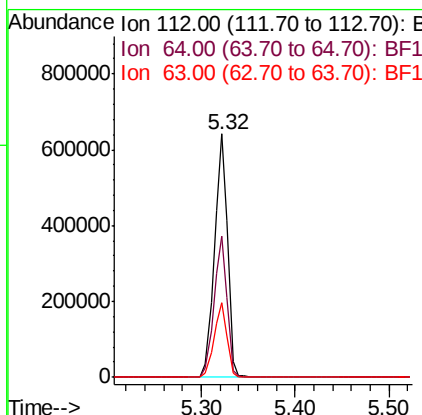
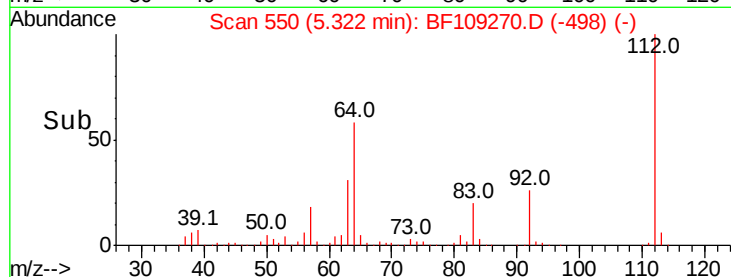
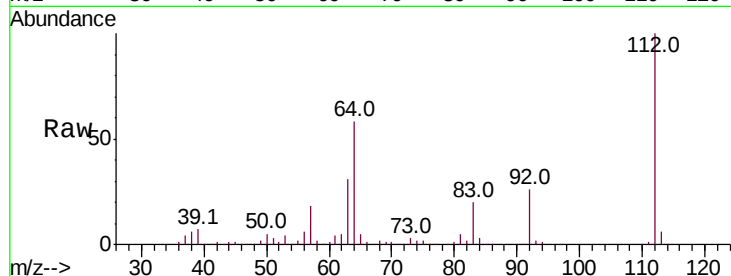
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	112	Resp:	631833
Ion Ratio		Lower	Upper
112	100		
64	58.2	47.9	71.9
63	30.9	23.7	35.5

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#6

Aniline

Concen: 27.296 ng

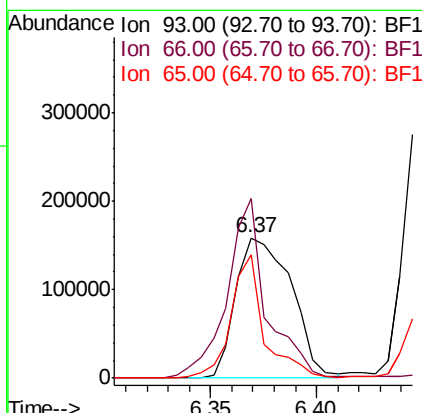
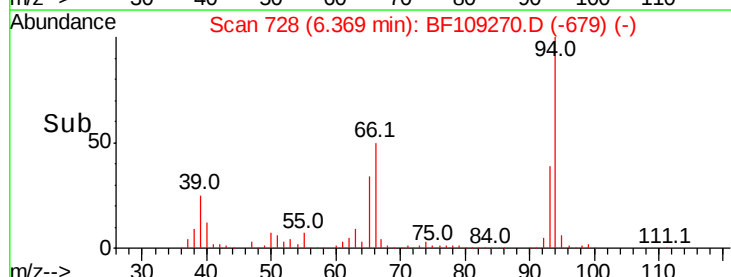
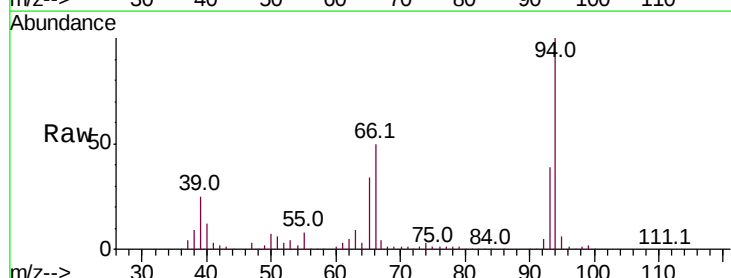
RT: 6.37 min Scan# 728

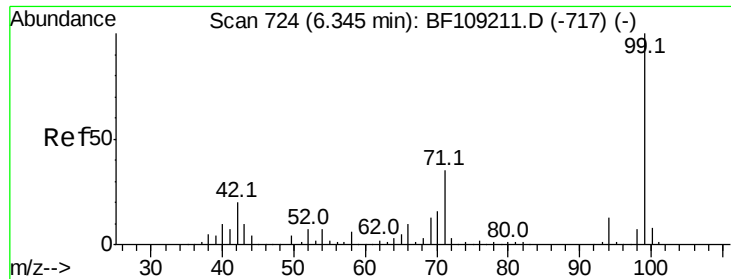
Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	93	Resp:	290043
Ion Ratio		Lower	Upper
93	100		
66	128.4	32.2	48.2#
65	87.6	16.4	24.6#





#7

Phenol-d6

Concen: 97.700 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

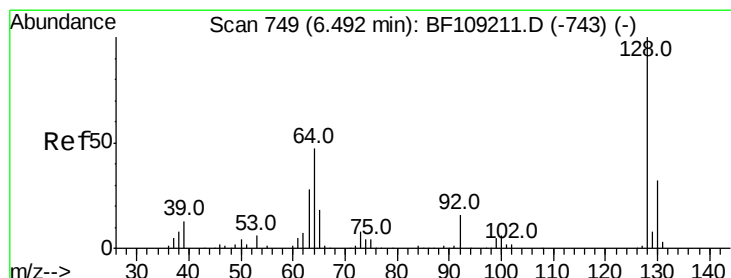
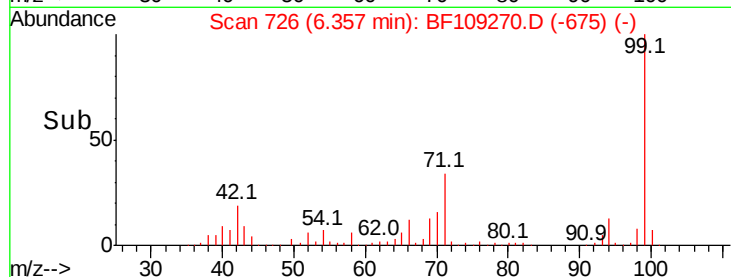
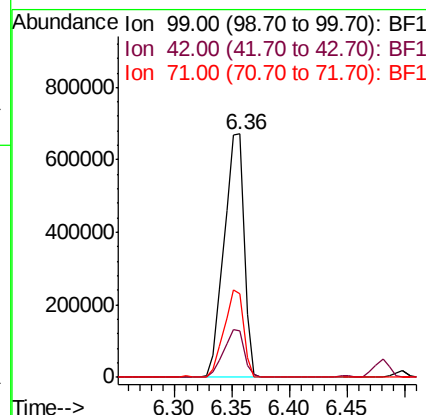
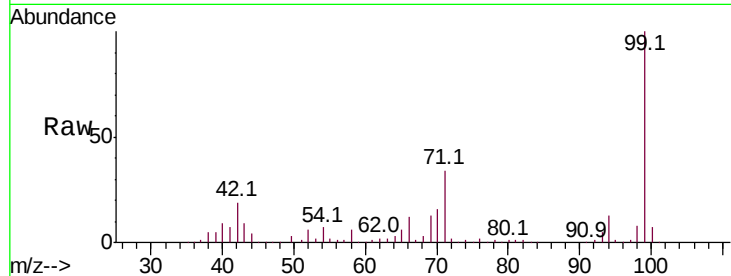
ClientSampleId :

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Tot Ion:	99	Resp:	811438
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.5	21.7
71	34.1	25.4	38.0

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#8

2-Chlorophenol

Concen: 35.770 ng

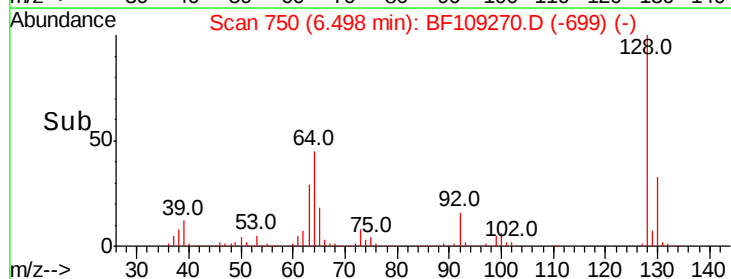
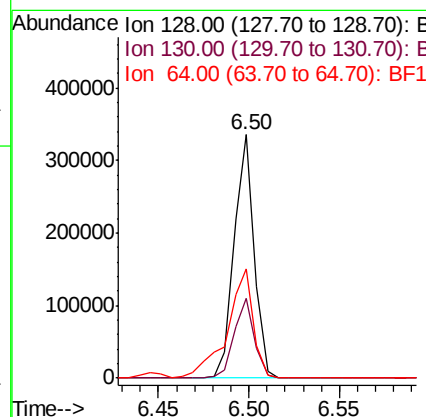
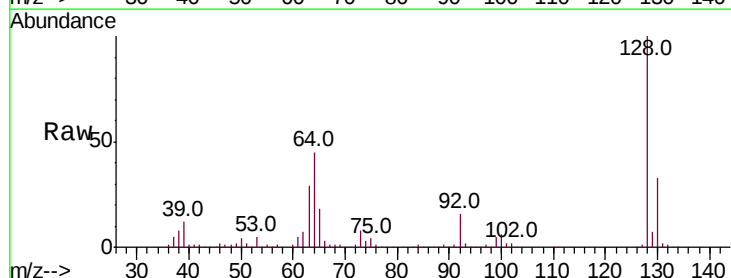
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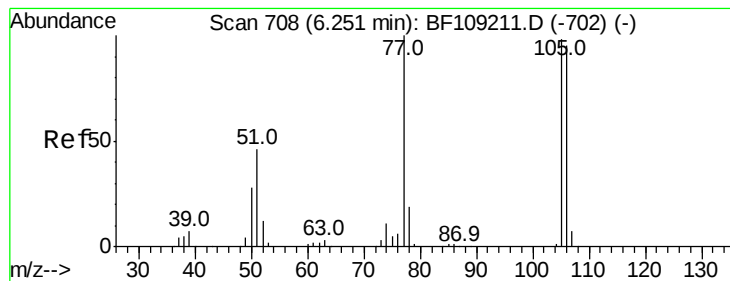
Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	128	Resp:	258899
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.0	53.0
64	45.0	29.4	69.4





#9

Benzaldehyde

Concen: 32.791 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

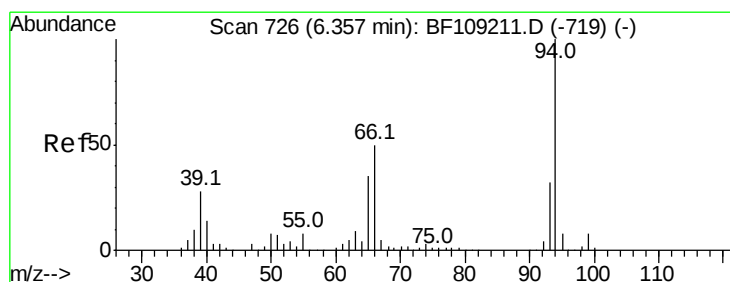
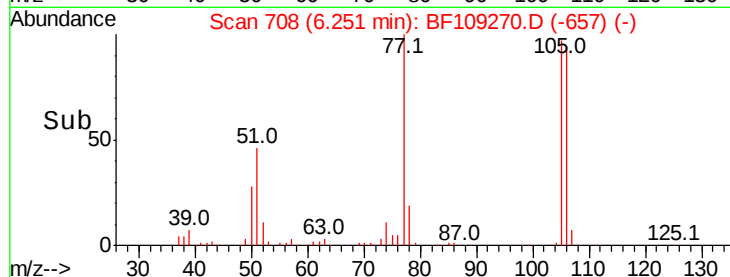
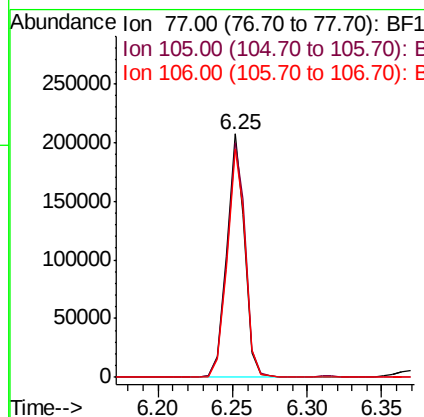
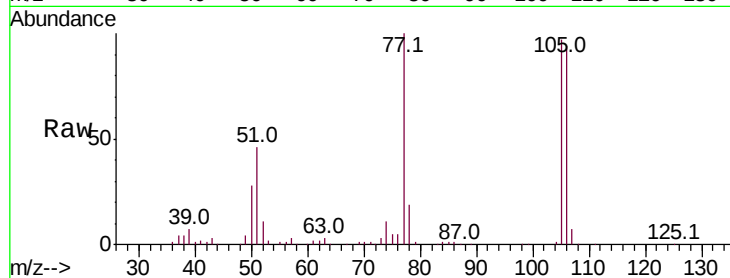
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	96.5	81.1	121.1
106	93.6	74.5	114.5

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#10

Phenol

Concen: 34.497 ng

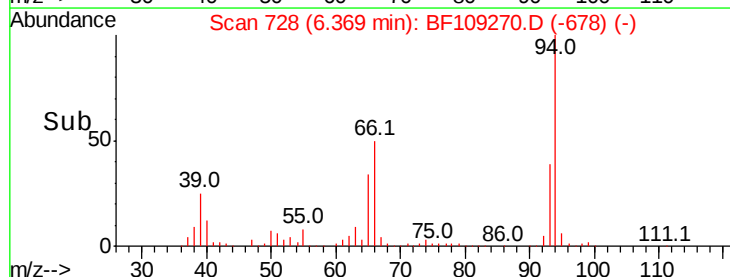
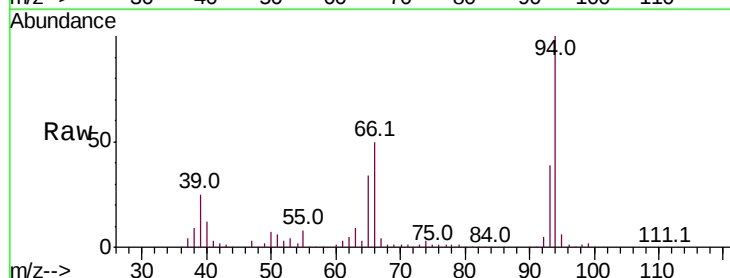
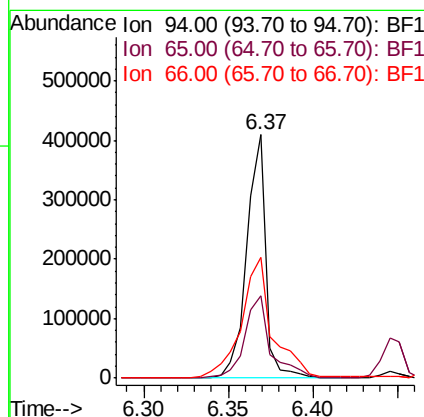
RT: 6.37 min Scan# 728

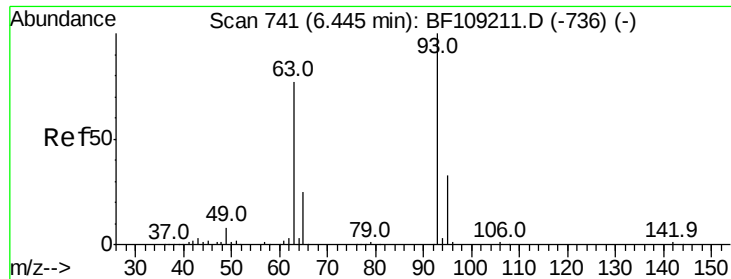
Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.9	7.9	47.9
66	49.7	16.2	56.2





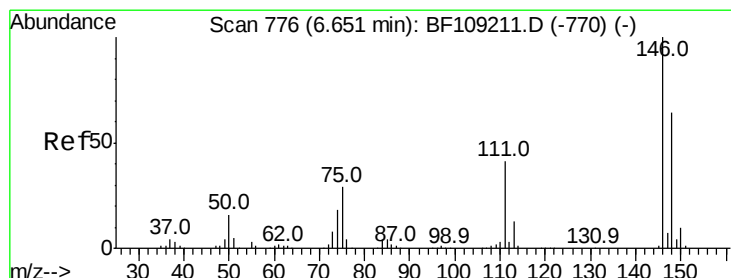
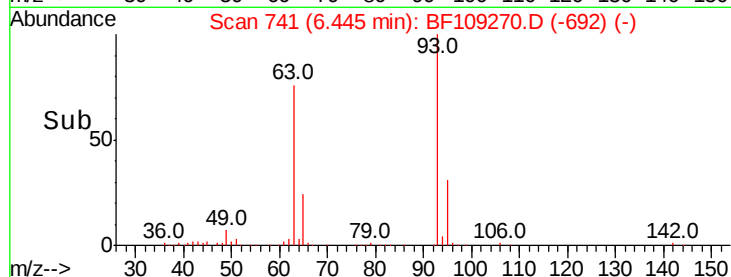
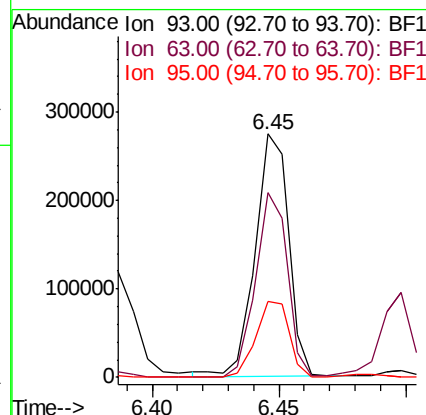
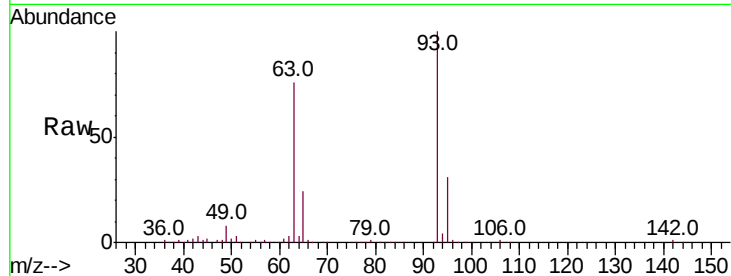
#11
 bis(2-Chloroethyl)ether
 Concen: 34.180 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	93	Resp:	251553
Ion Ratio	Lower	Upper	
93	100		
63	75.9	58.6	98.6
95	31.4	11.8	51.8

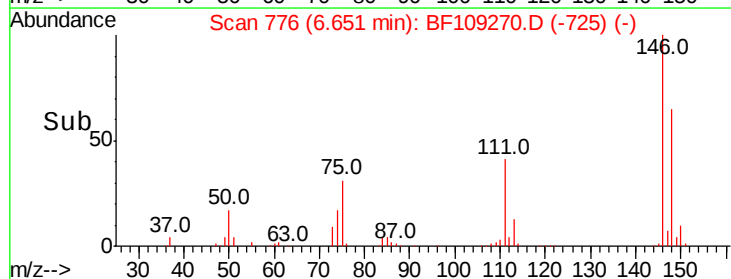
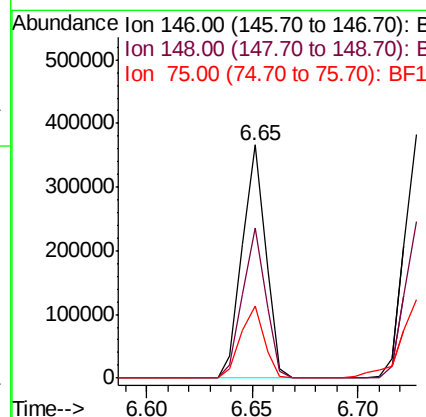
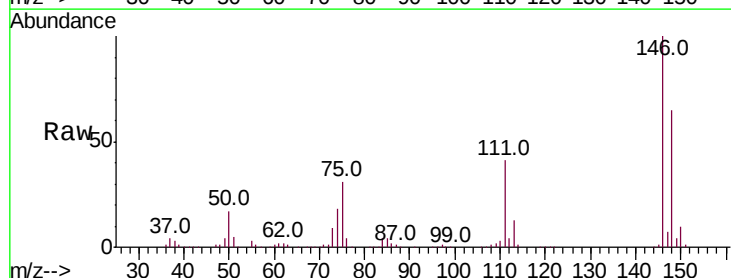
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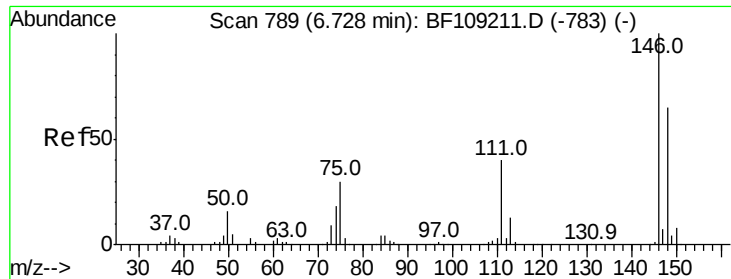
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#12
 1,3-Dichlorobenzene
 Concen: 33.762 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion:	146	Resp:	281359
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.8	77.8
75	31.2	24.2	36.4





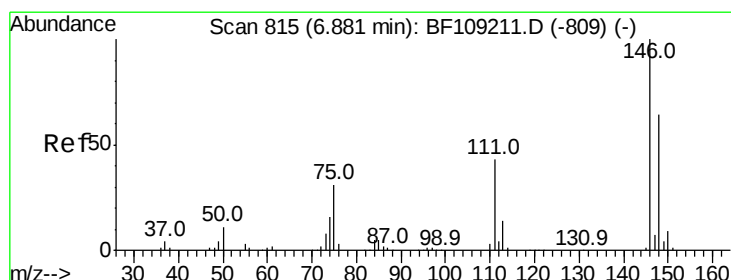
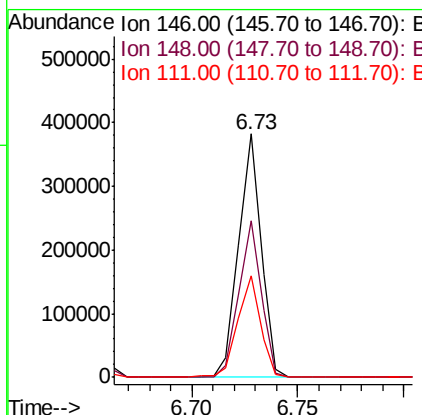
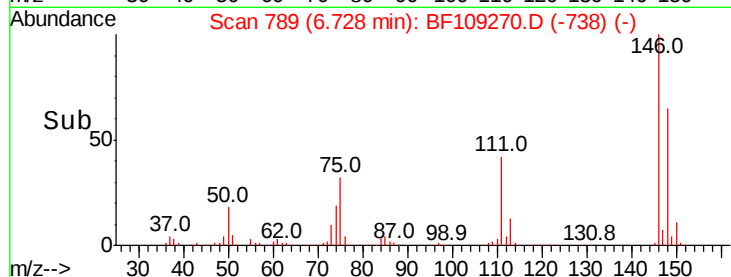
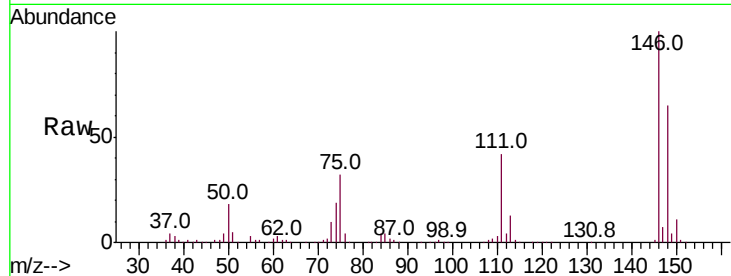
#13
 1,4-Dichlorobenzene
 Concen: 33.606 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.8	76.2
111	41.6	34.2	51.2

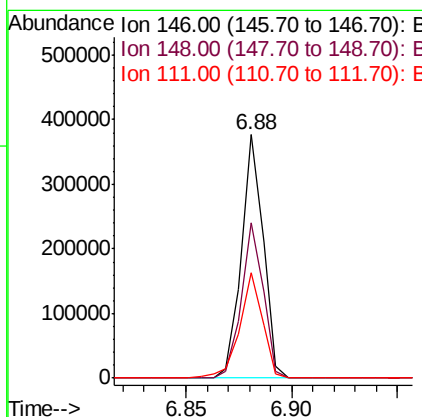
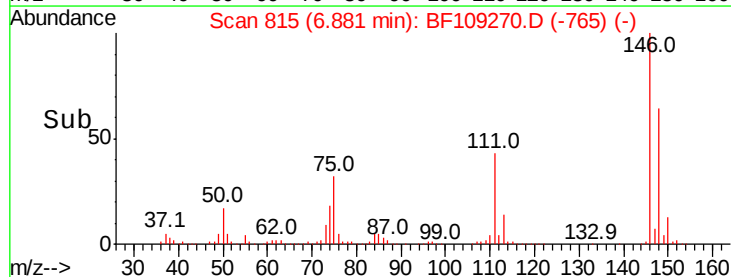
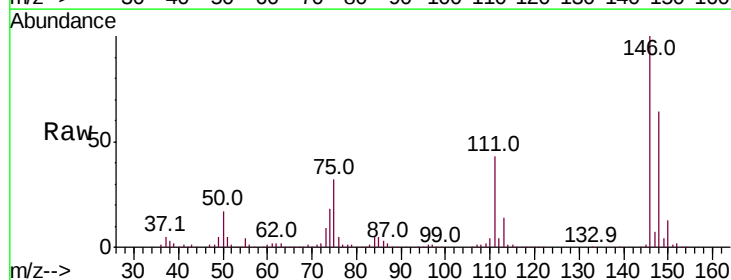
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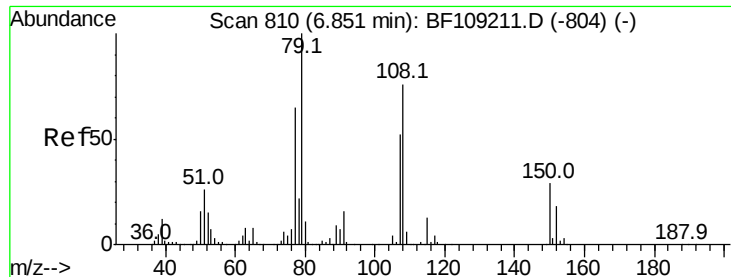
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#14
 1,2-Dichlorobenzene
 Concen: 34.608 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	43.4	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.371 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

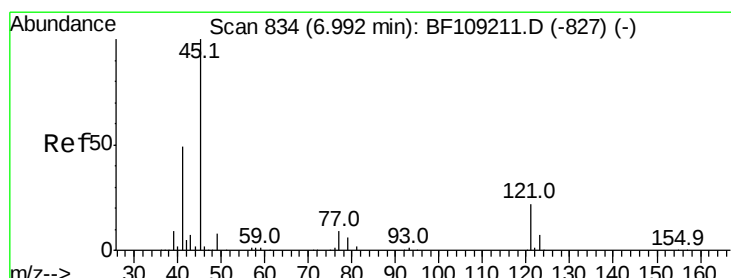
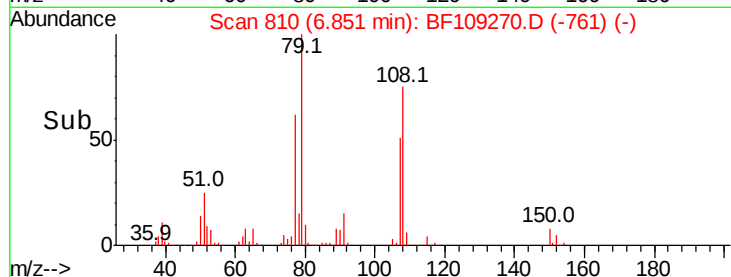
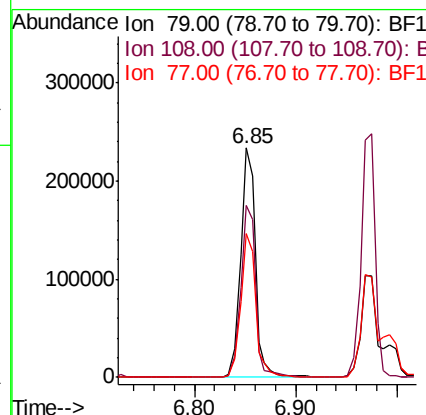
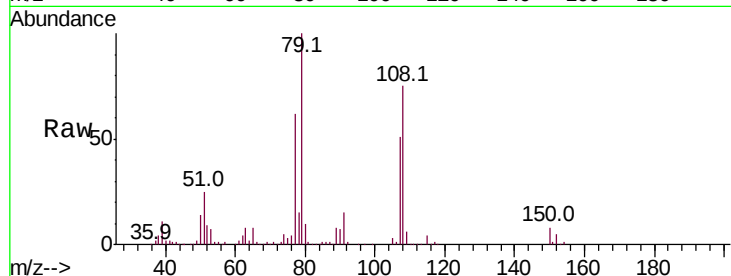
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	79	Resp:	237578
Ion Ratio	Lower	Upper	
79	100		
108	74.9	65.1	97.7
77	62.4	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.262 ng

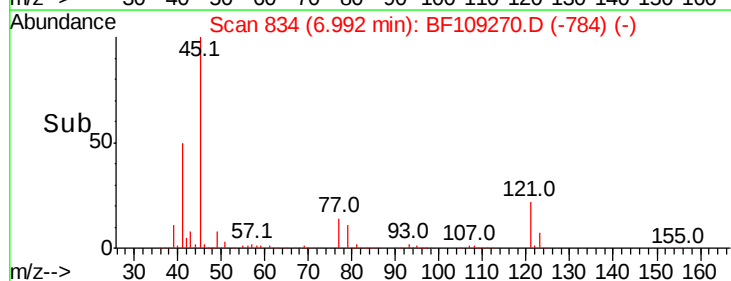
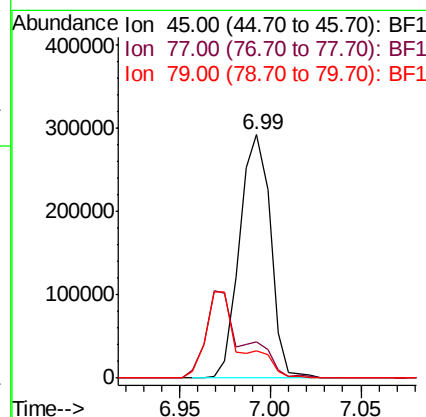
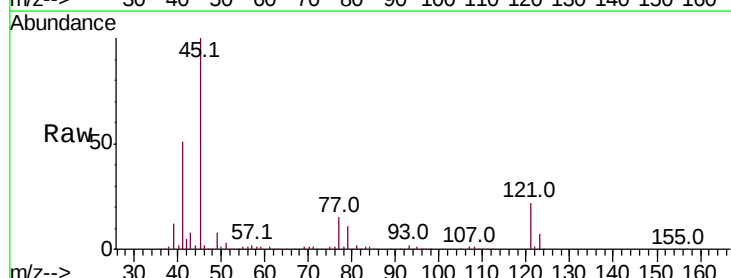
RT: 6.99 min Scan# 834

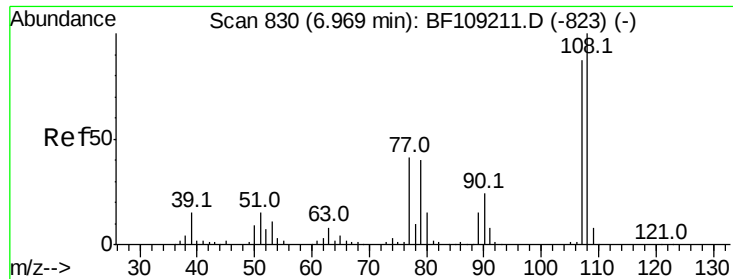
Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	45	Resp:	347239
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	32.9
79	11.3	0.0	29.6





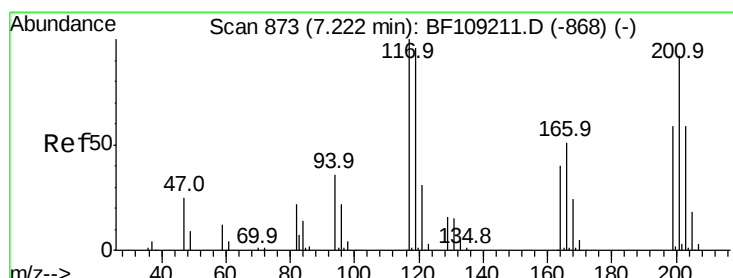
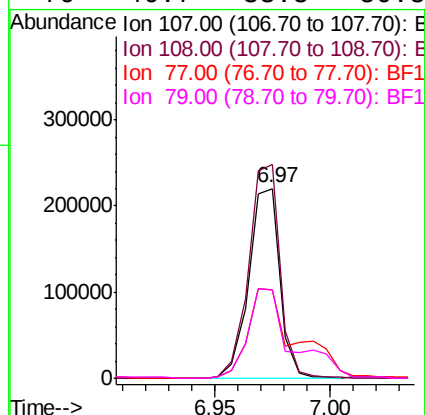
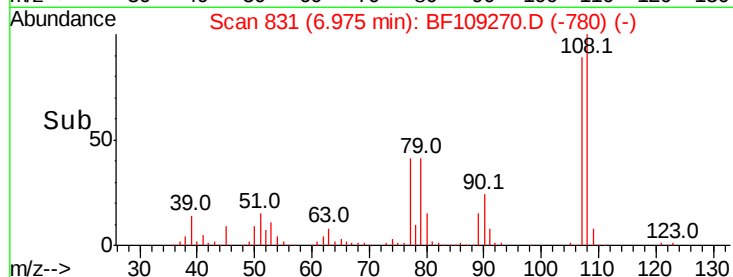
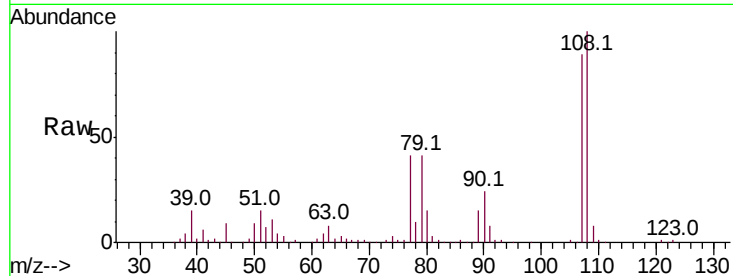
#17
2-Methylphenol
Concen: 35.650 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.7	137.5	
77	46.4	33.8	50.8	
79	46.7	33.8	50.8	

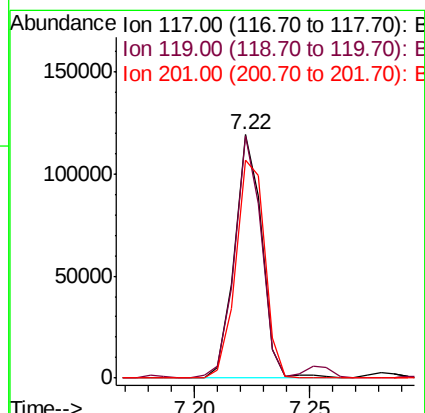
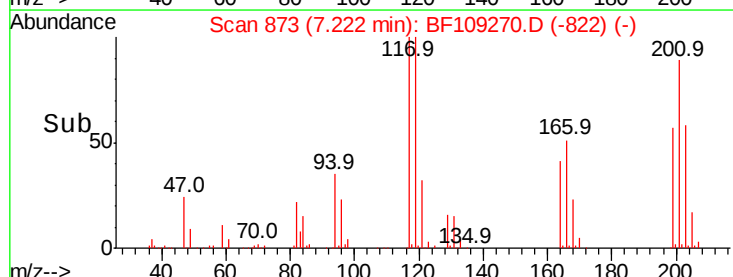
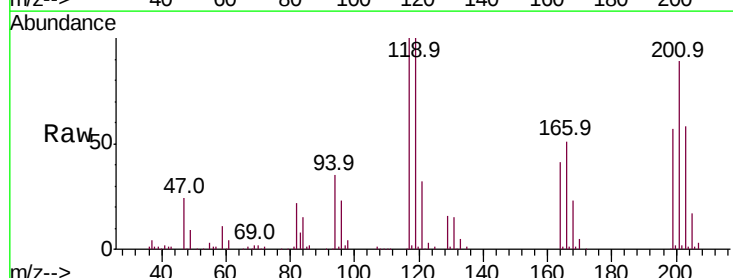
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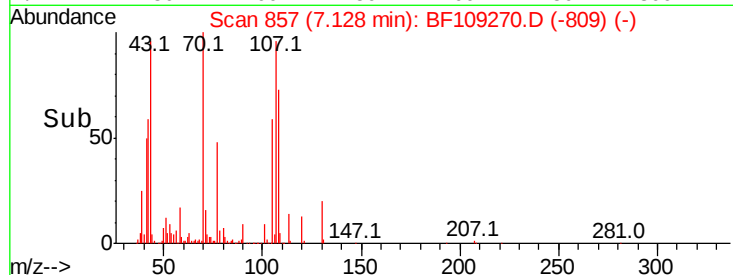
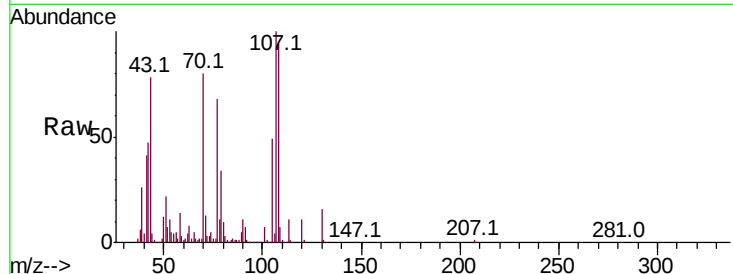
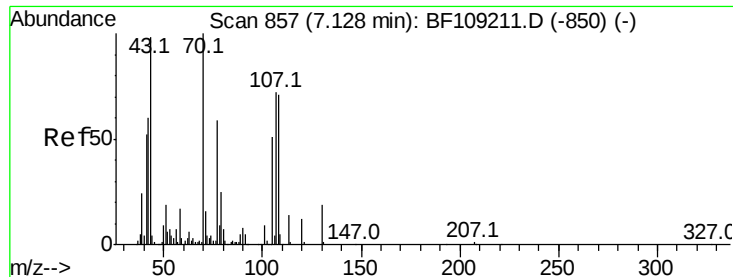
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#18
Hexachloroethane
Concen: 33.110 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.8	75.8	113.8	
201	89.3	75.7	113.5	





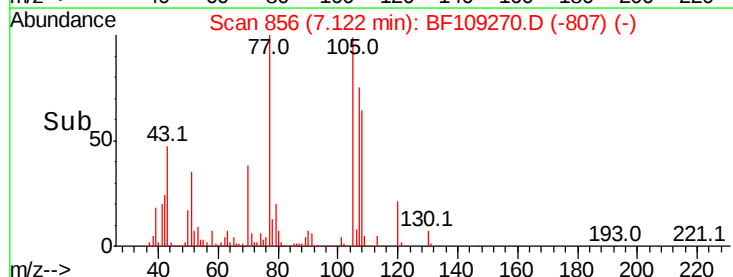
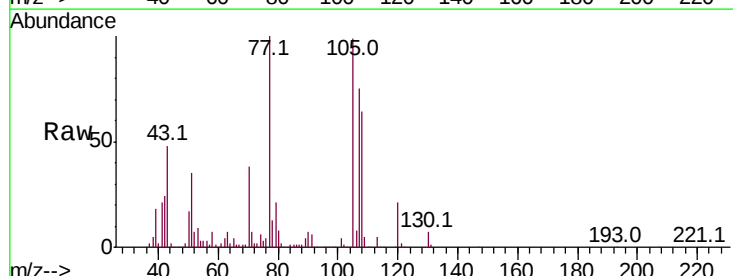
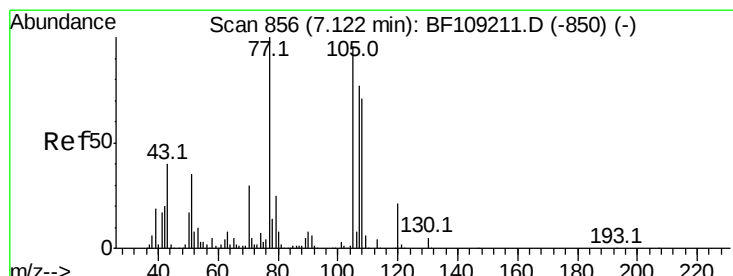
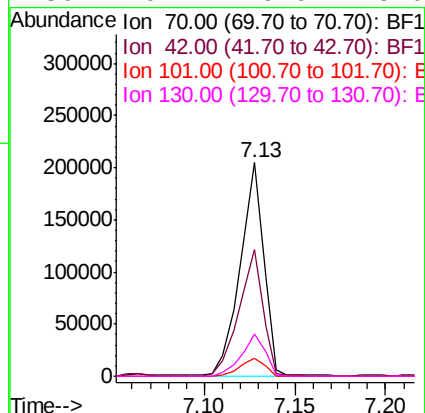
#19
n-Nitroso-di-n-propylamine
Concen: 34.175 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		185984		
42	59.2	47.5	71.3		
101	8.7	7.4	11.2		
130	19.7	16.6	25.0		

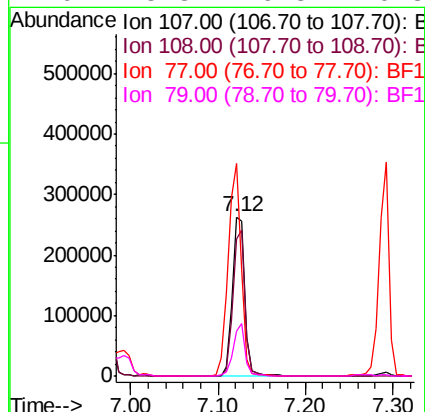
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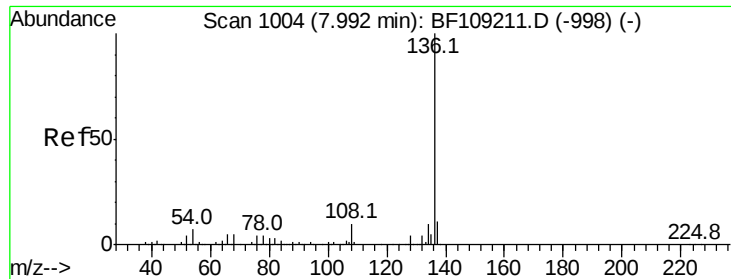
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#20
3+4-Methylphenols
Concen: 36.881 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		260779		
108	86.0	68.2	108.2		
77	134.1	26.7	66.7#		
79	28.3	6.3	46.3		





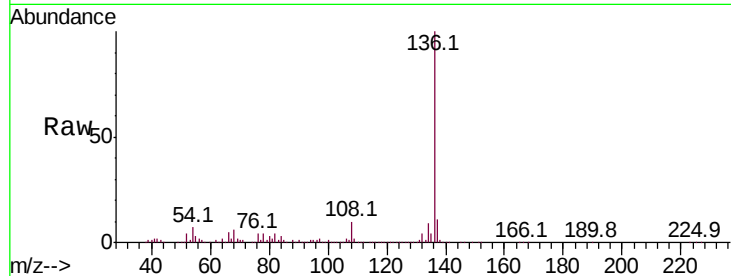
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.1	6.6	9.8	
68	5.9	5.0	7.4	

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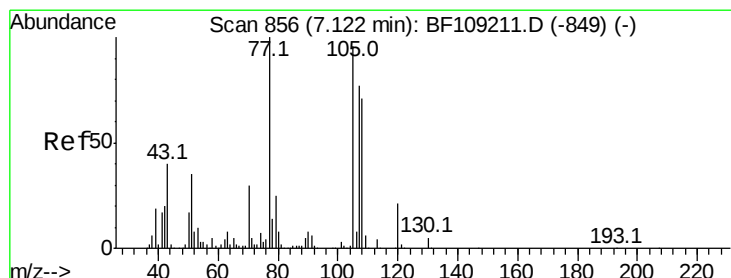
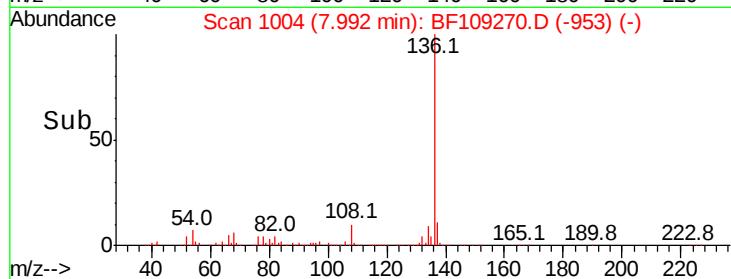
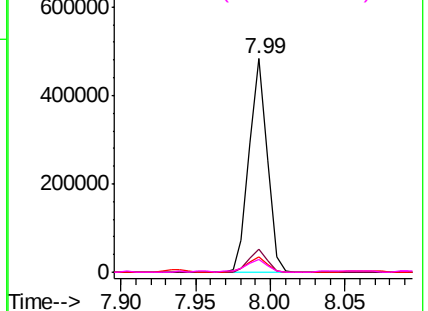
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 38.736 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.9	4.4	6.6#	
51	35.3	22.3	33.5#	
120	20.8	16.9	25.3	

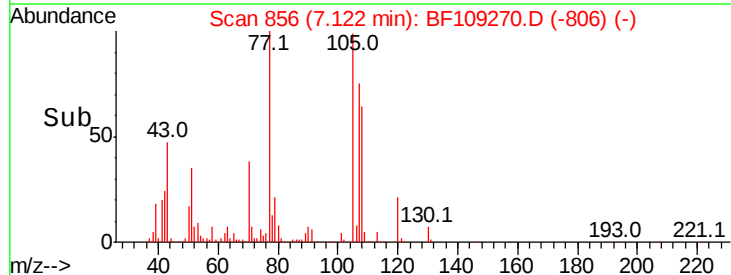
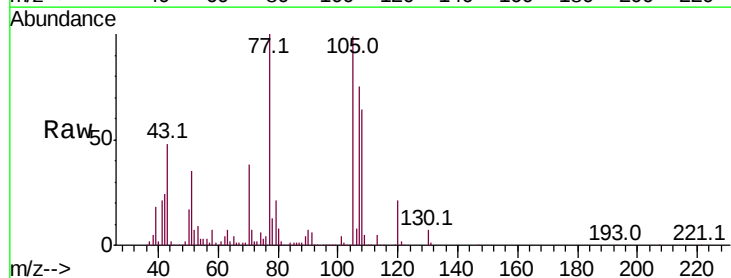
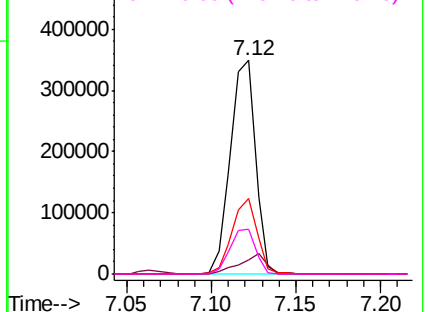
Abundance

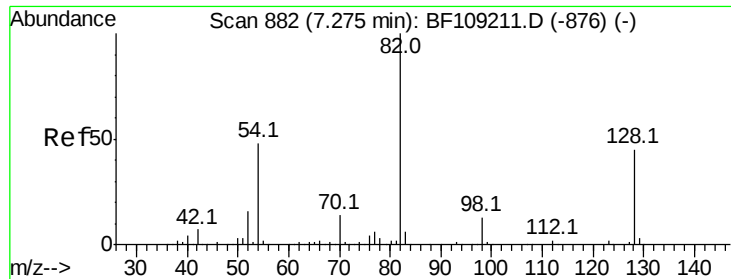
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 73.682 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

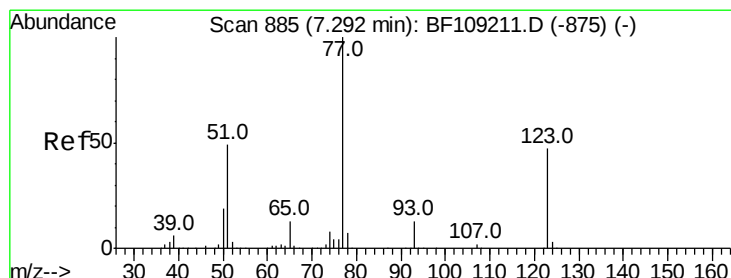
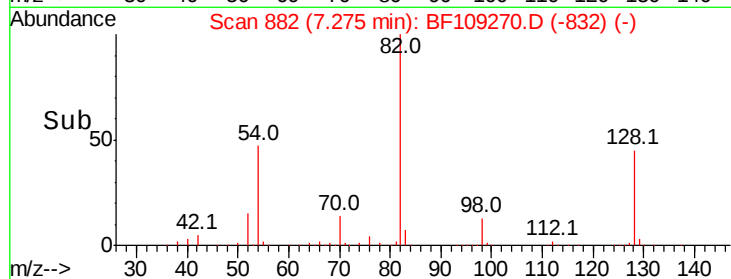
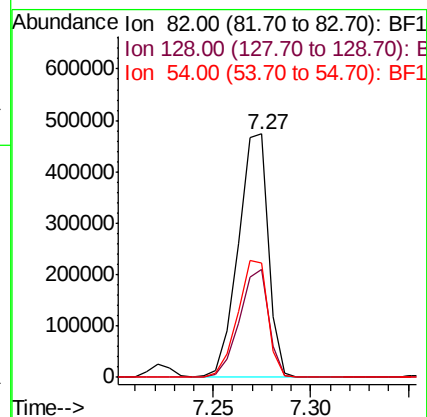
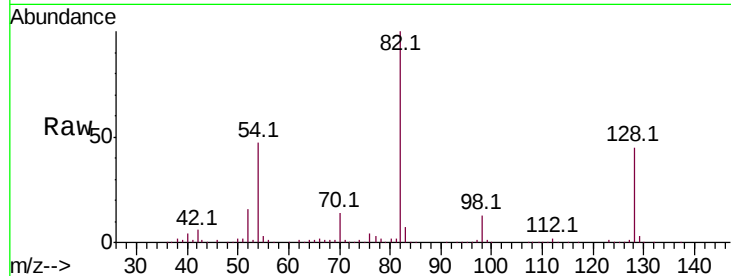
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	82	Resp:	504327
Ion Ratio	Lower	Upper	
82	100		
128	44.6	36.1	54.1
54	47.2	41.4	62.2

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#24

Nitrobenzene

Concen: 37.763 ng

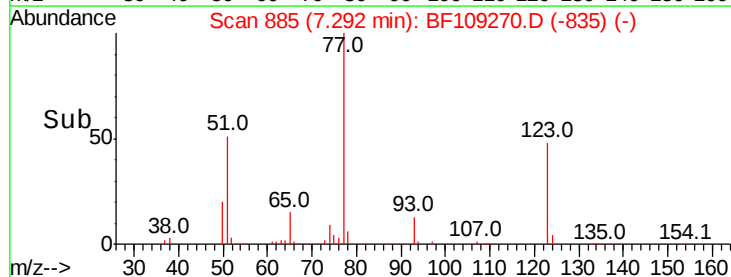
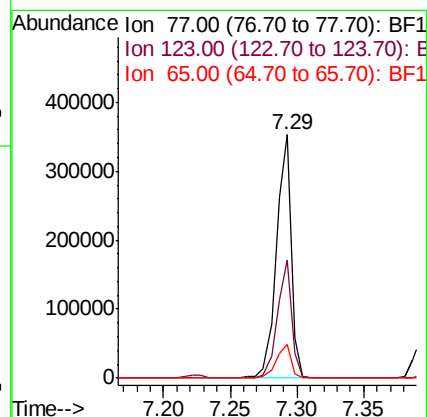
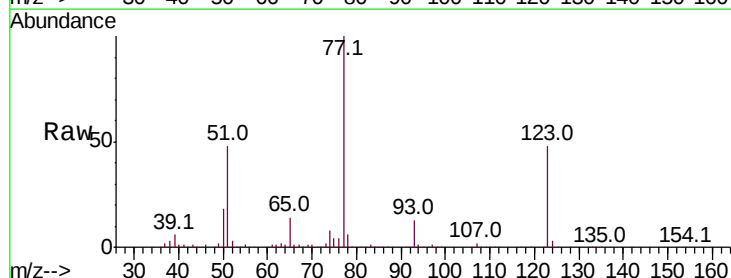
RT: 7.29 min Scan# 885

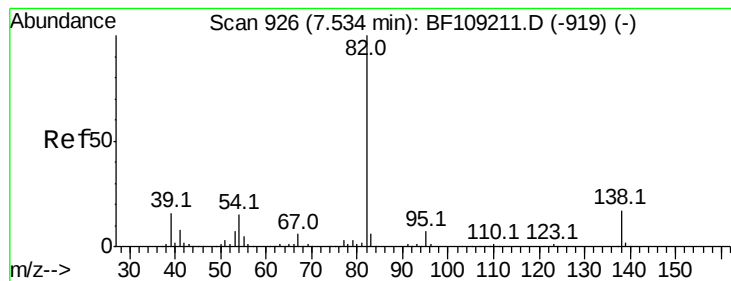
Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	77	Resp:	274831
Ion Ratio	Lower	Upper	
77	100		
123	48.4	37.9	56.9
65	13.7	11.0	16.4





#25

Isophorone

Concen: 40.611 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

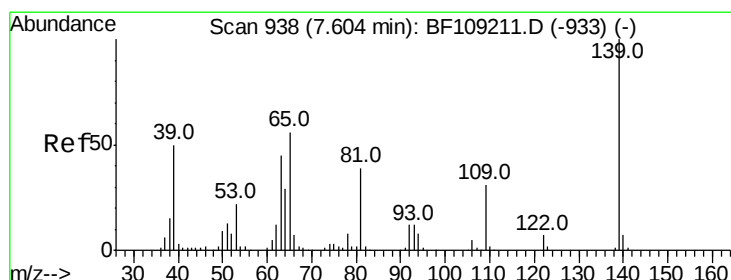
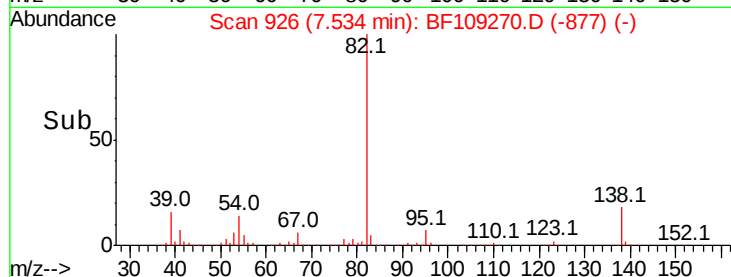
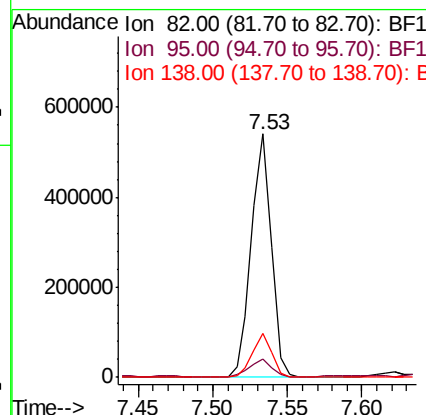
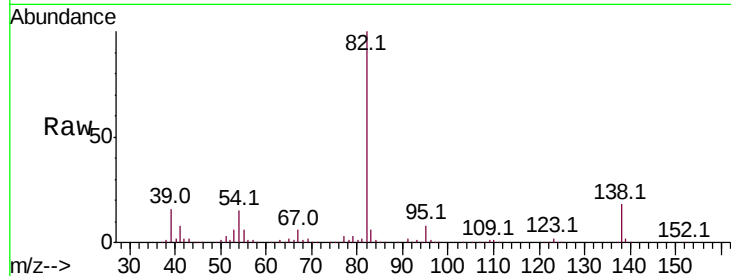
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	82	Resp:	500543
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.2	7.8
138	18.0	14.9	22.3

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#26

2-Nitrophenol

Concen: 43.701 ng

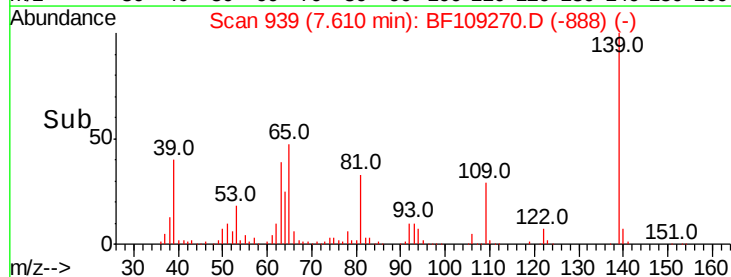
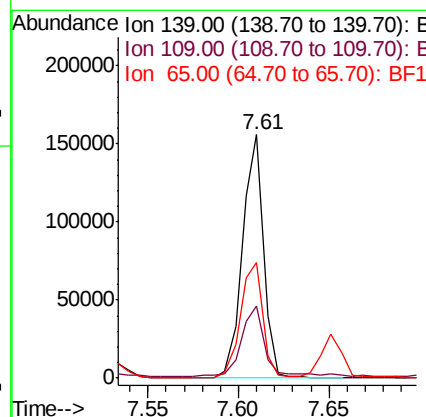
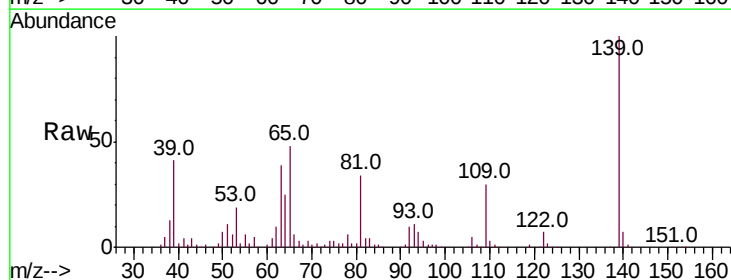
RT: 7.61 min Scan# 939

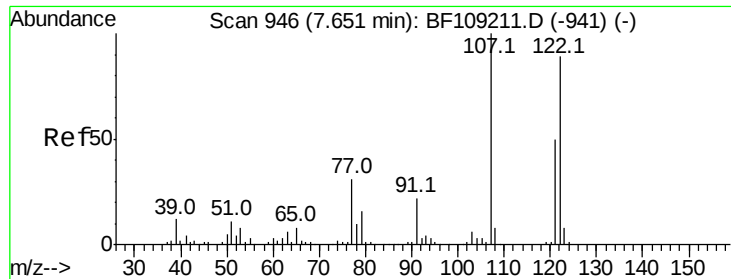
Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	139	Resp:	125775
Ion Ratio	Lower	Upper	
139	100		
109	29.6	22.7	34.1
65	47.6	40.5	60.7





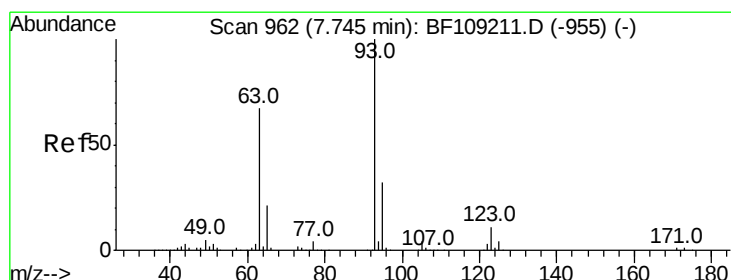
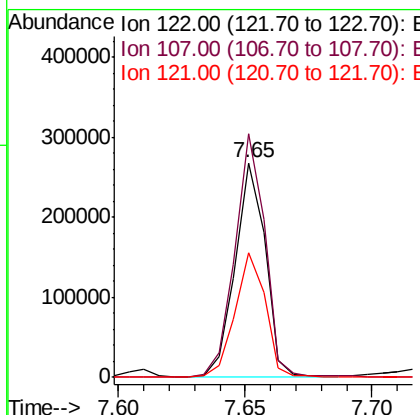
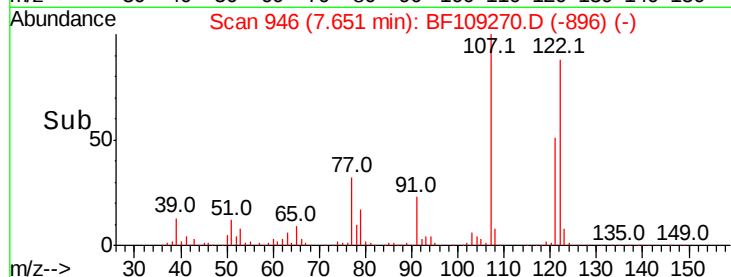
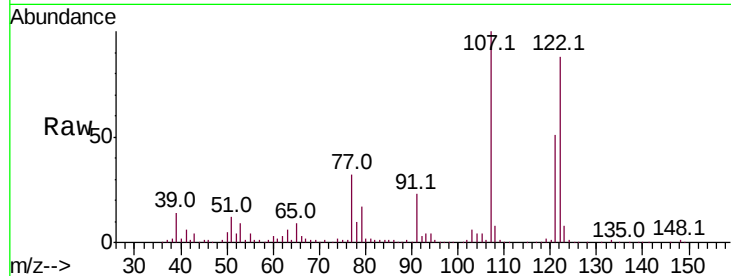
#27
 2,4-Dimethylphenol
 Concen: 41.493 ng
 RT: 7.65 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
122	100	222838		
107	113.4	91.2	136.8	
121	57.8	47.2	70.8	

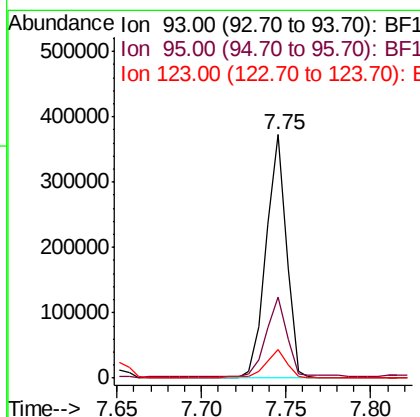
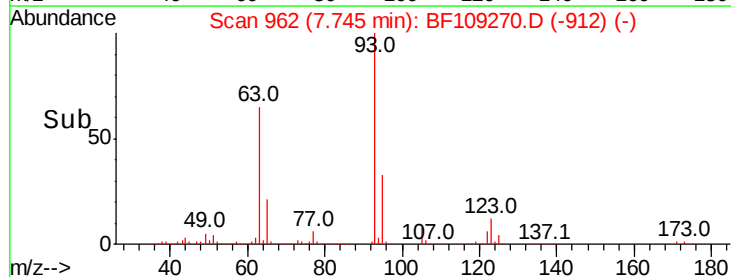
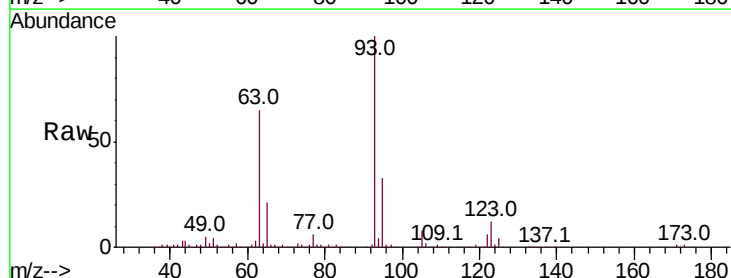
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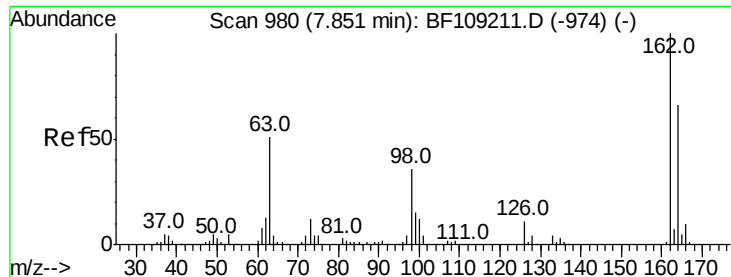
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#28
 bis(2-Chloroethoxy)methane
 Concen: 37.963 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	309743		
95	33.3	26.3	39.5	
123	11.7	9.8	14.6	





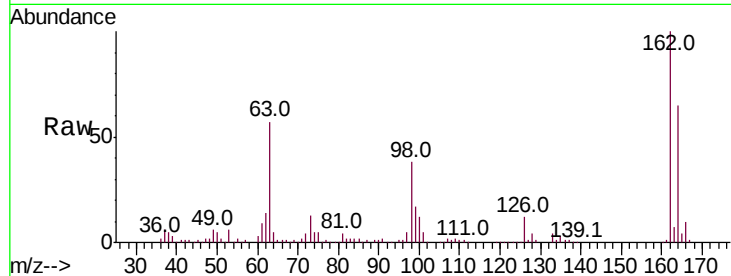
#29
 2,4-Dichlorophenol
 Concen: 38.450 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

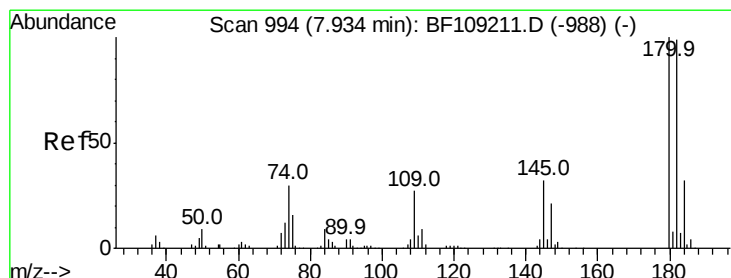
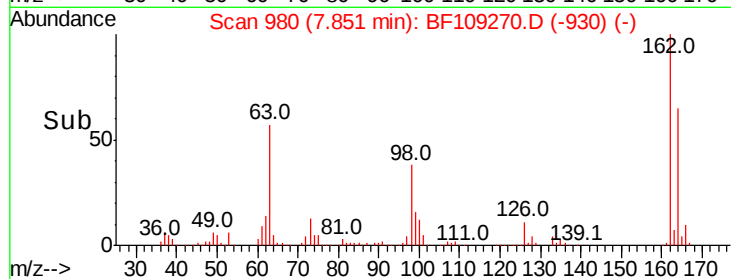
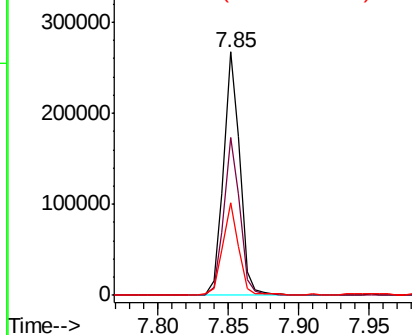
Tot Ion:	162	Resp:	216961
Ion Ratio	Lower	Upper	
162	100		
164	64.7	42.7	82.7
98	37.9	18.1	58.1

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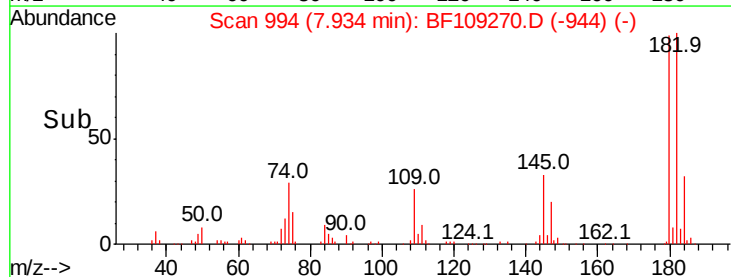
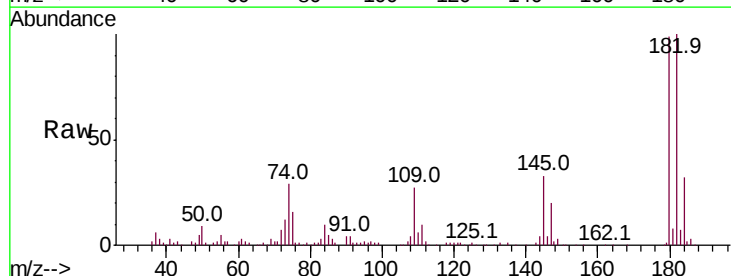
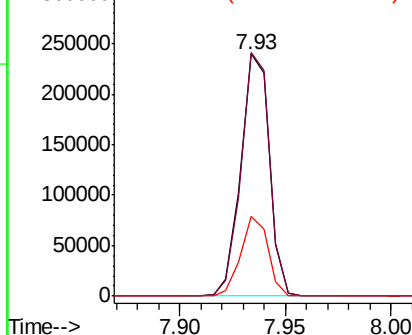
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

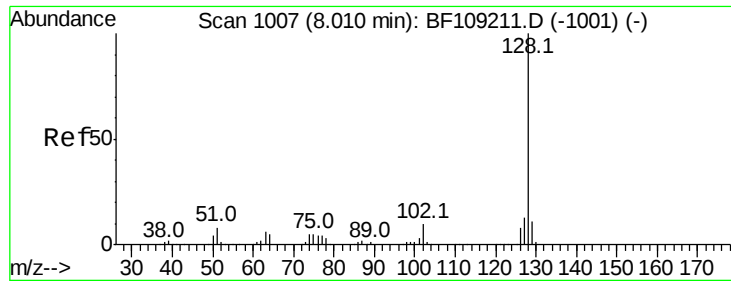


#30
 1,2,4-Trichlorobenzene
 Concen: 35.466 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion:	180	Resp:	223614
Ion Ratio	Lower	Upper	
180	100		
182	100.6	76.8	115.2
145	33.2	26.5	39.7

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: 38.752 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

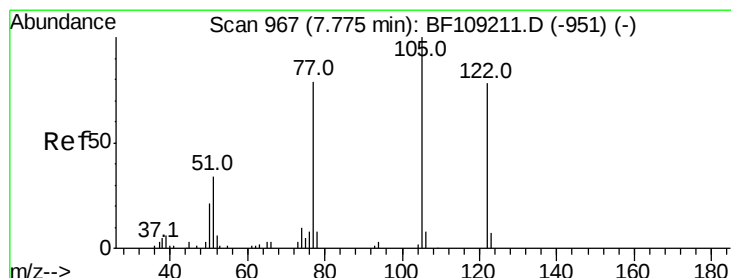
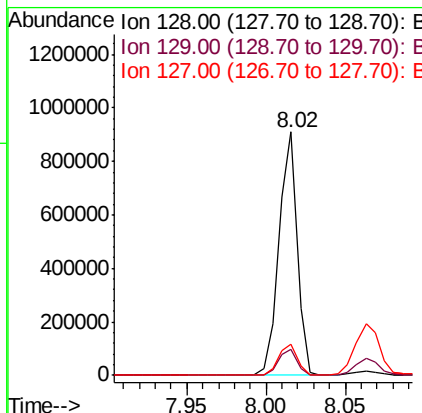
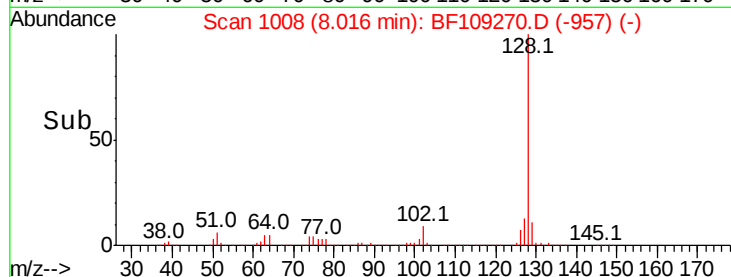
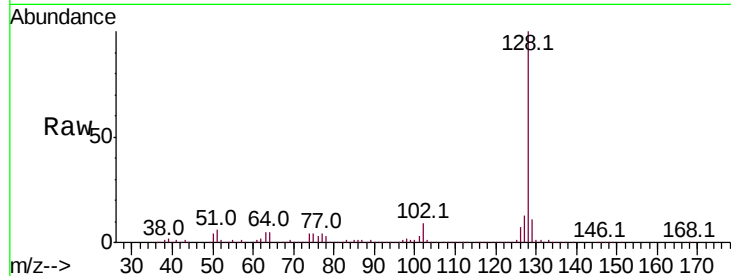
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:128	Resp:	731675
Ion Ratio	Lower	Upper
128 100		
129 10.9	8.8	13.2
127 13.0	10.9	16.3

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#32

Benzoic acid

Concen: 20.932 ng m

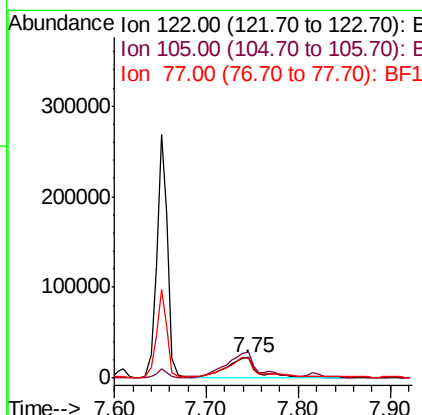
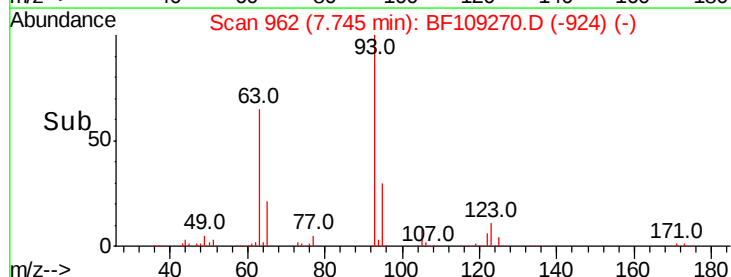
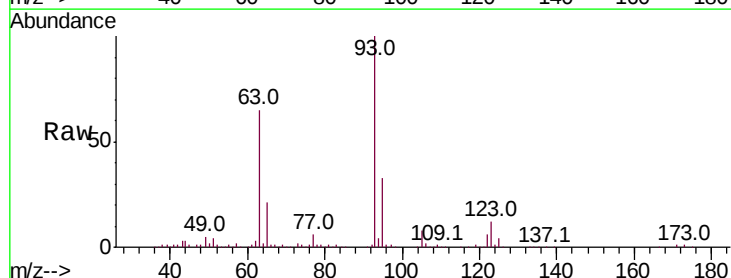
RT: 7.75 min Scan# 962

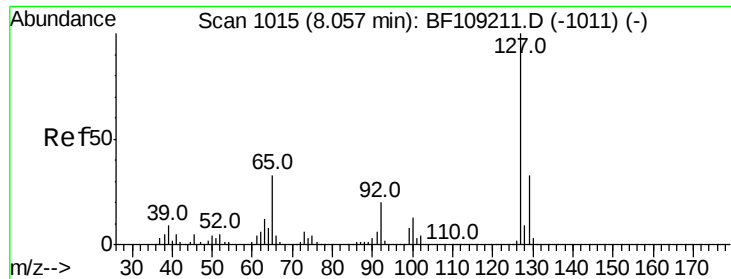
Delta R.T. -0.08 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:122	Resp:	60096
Ion Ratio	Lower	Upper
122 100		
105 129.6	101.1	141.1
77 99.1	70.7	110.7





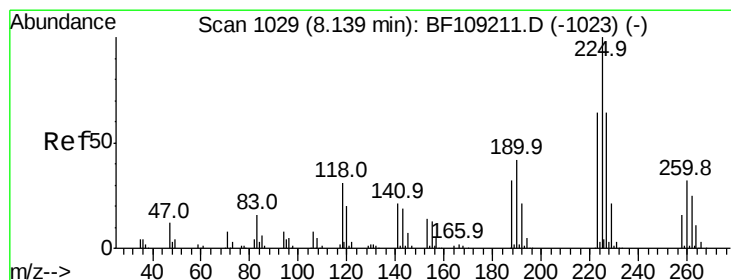
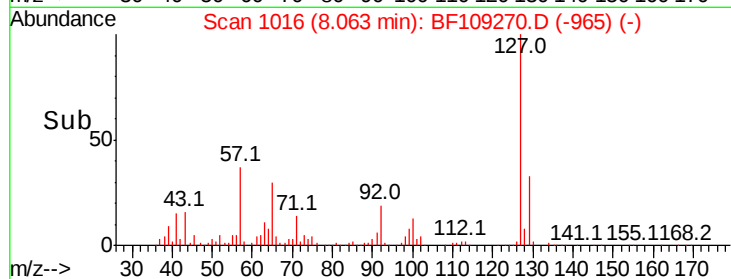
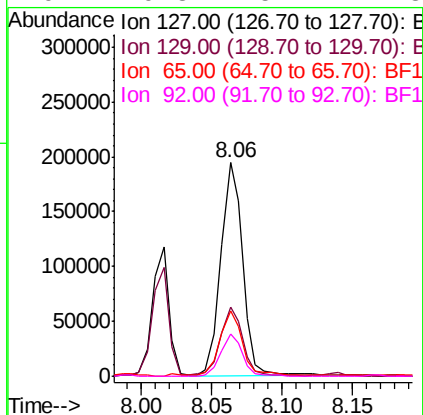
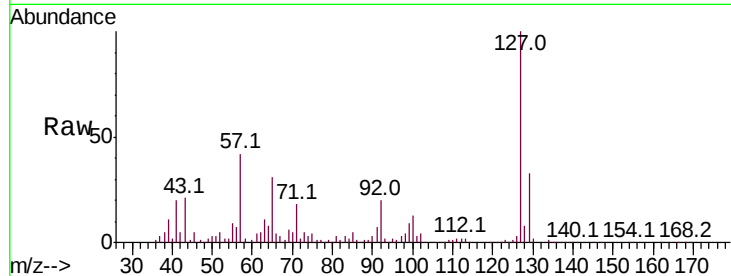
#33
4-Chloroaniline
Concen: 25.647 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.9	38.9		
65	30.6	25.0	37.4		
92	19.8	15.2	22.8		

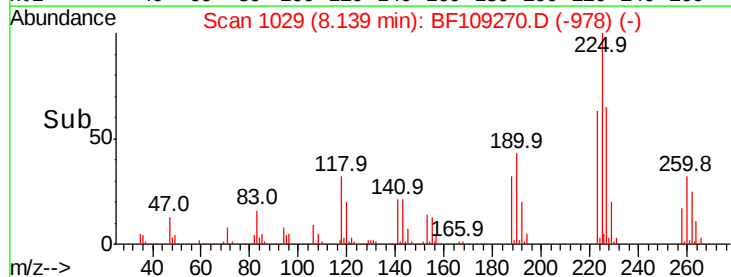
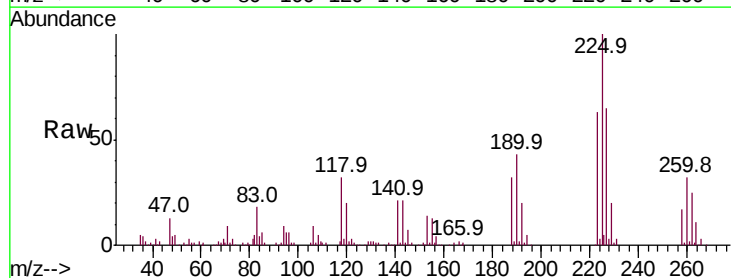
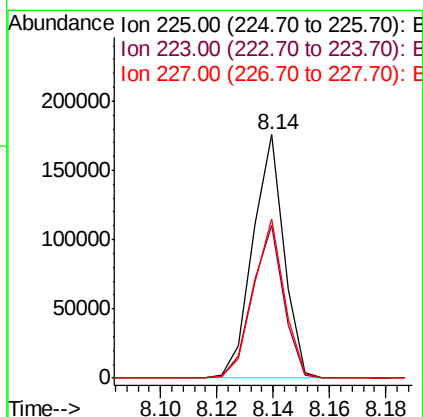
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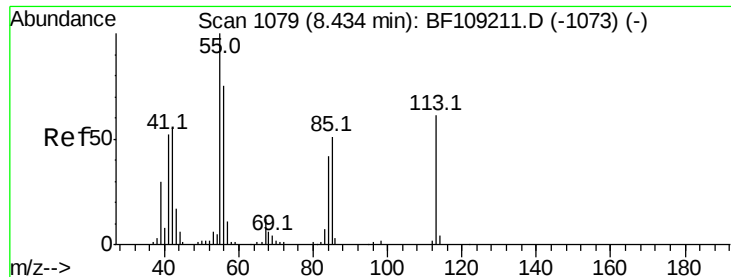
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#34
Hexachlorobutadiene
Concen: 35.337 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.6	76.0		
227	65.4	51.9	77.9		





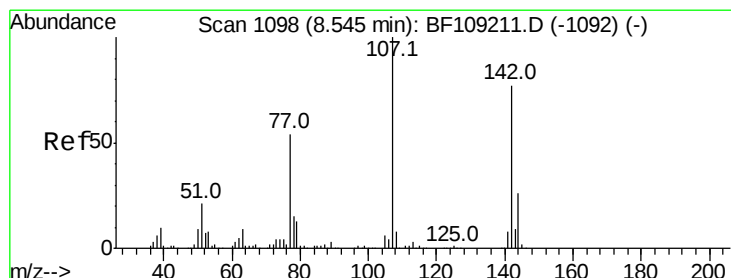
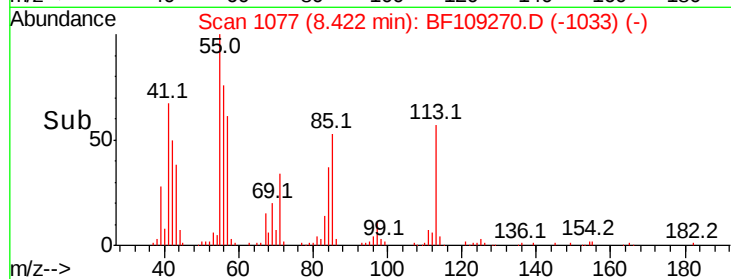
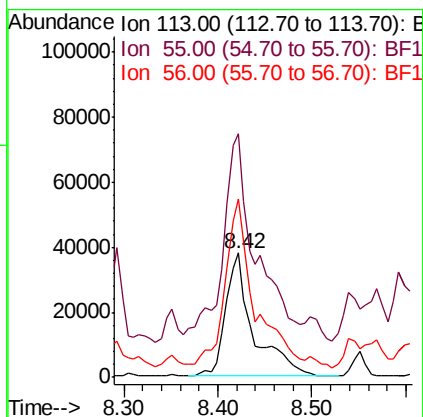
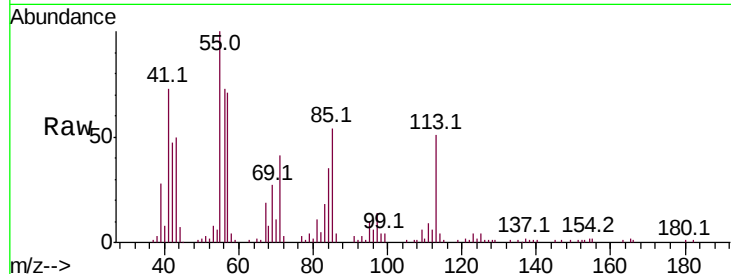
#35
 Caprolactam
 Concen: 43.227 ng
 RT: 8.42 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
113	100		
55	196.2	163.3	203.3
56	144.0	115.7	155.7

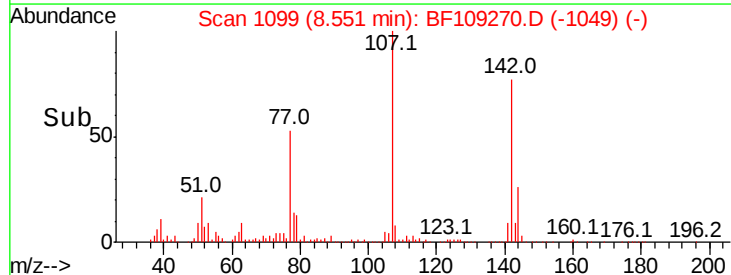
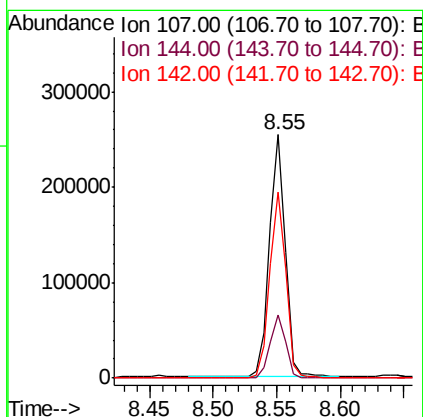
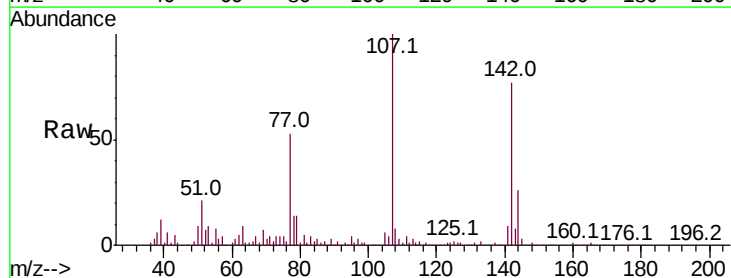
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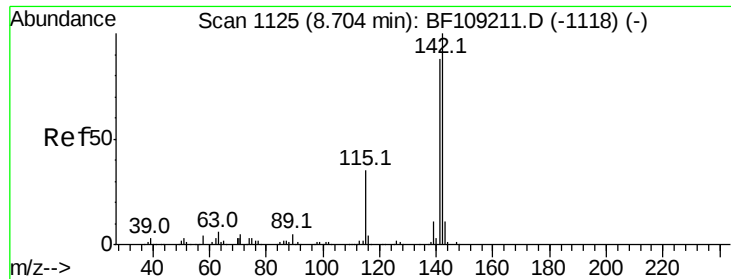
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#36
 4-Chloro-3-methylphenol
 Concen: 37.461 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.5	30.7
142	76.5	62.0	93.0





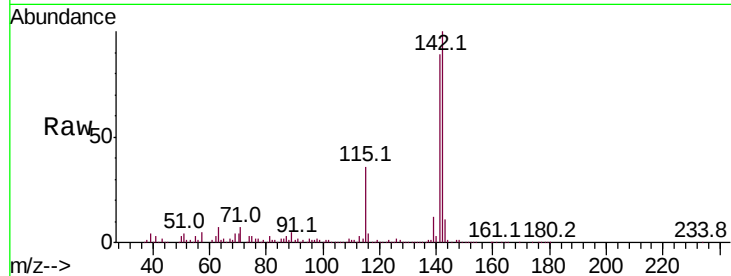
#37
2-Methylnaphthalene
Concen: 39.253 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

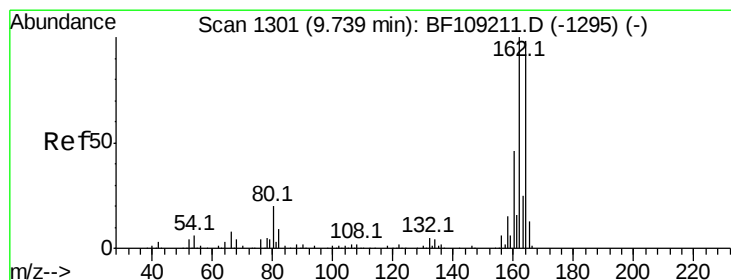
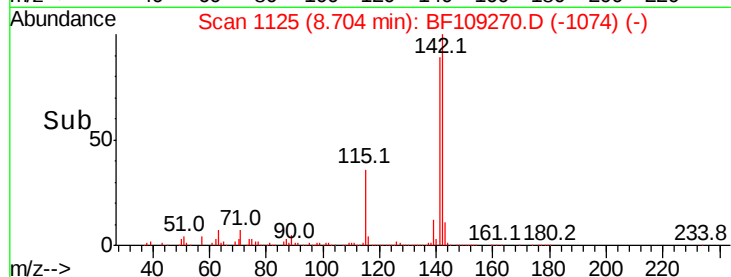
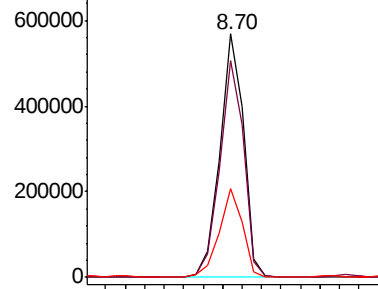
Tot Ion	Ratio	Resp	Lower	Upper
142	100	477785		
141	89.3	70.8	106.2	
115	36.3	26.1	39.1	

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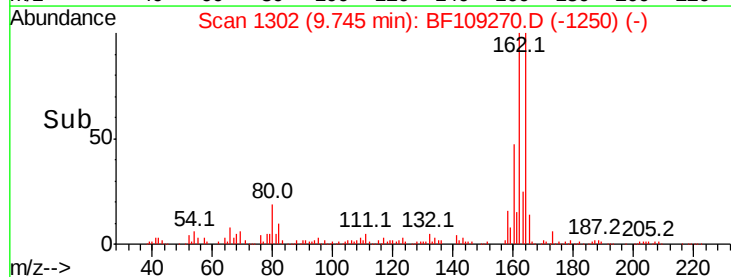
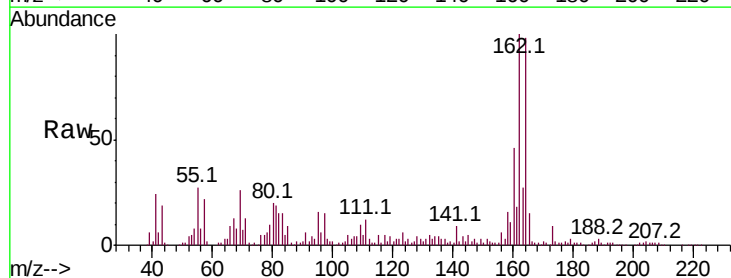
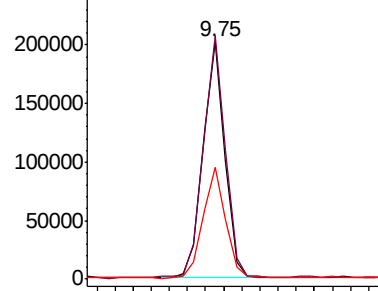
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

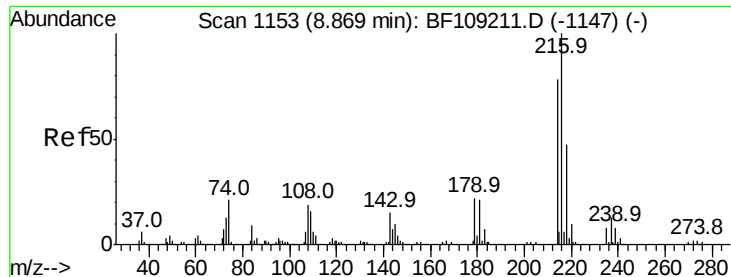


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	168448		
162	102.4	86.1	129.1	
160	46.9	38.3	57.5	

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





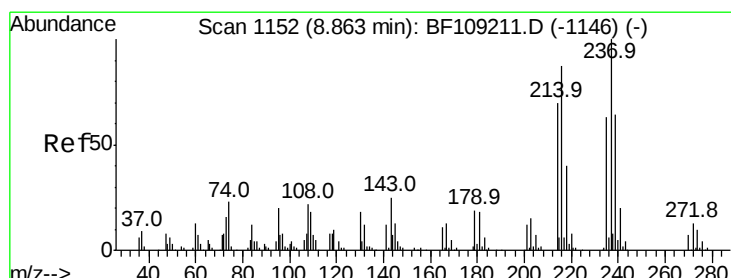
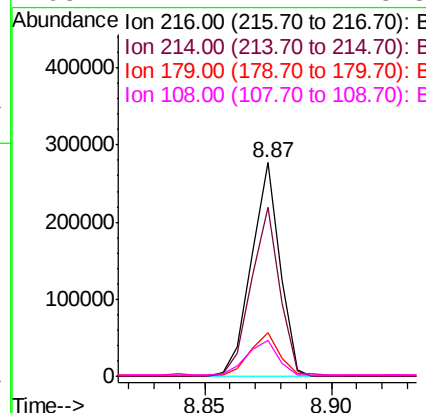
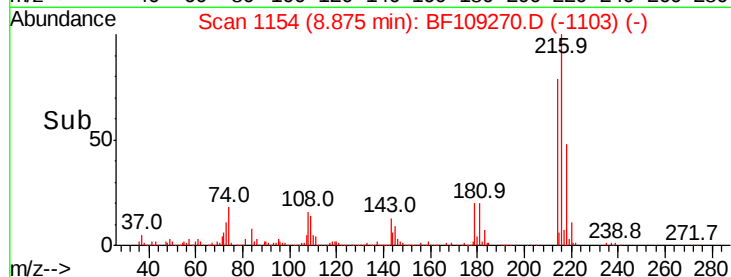
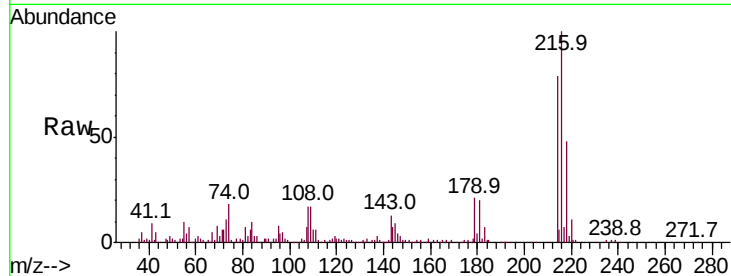
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.386 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
216	100	216508		
214	79.0	63.0	94.4	
179	21.5	18.1	27.1	
108	17.7	17.2	25.8	

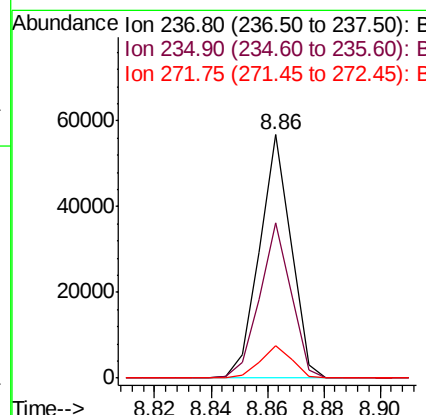
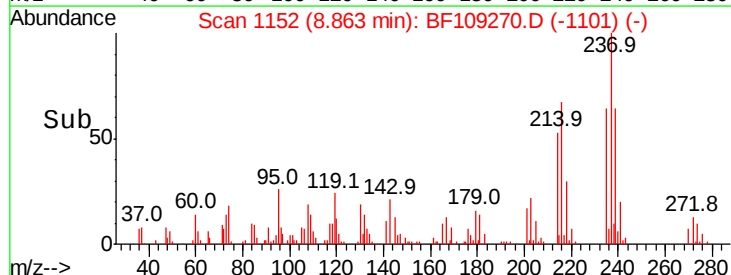
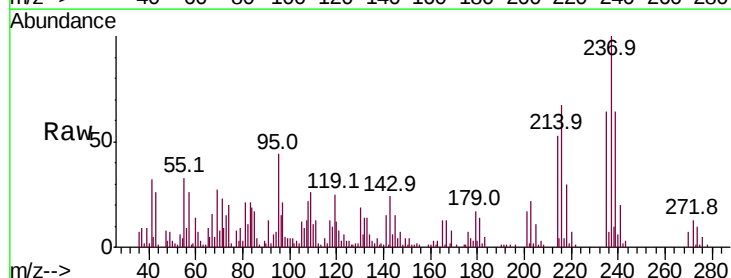
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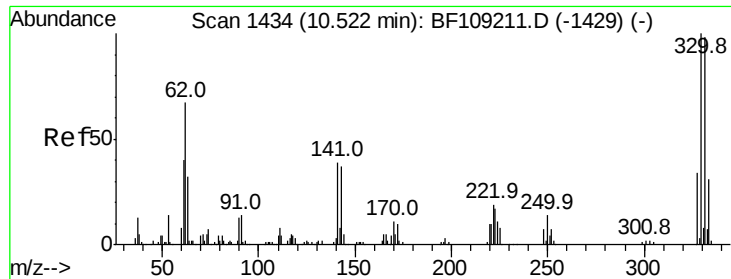
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#40
 Hexachlorocyclopentadiene
 Concen: 18.853 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	44084		
235	63.8	44.8	84.8	
272	13.3	0.0	33.3	





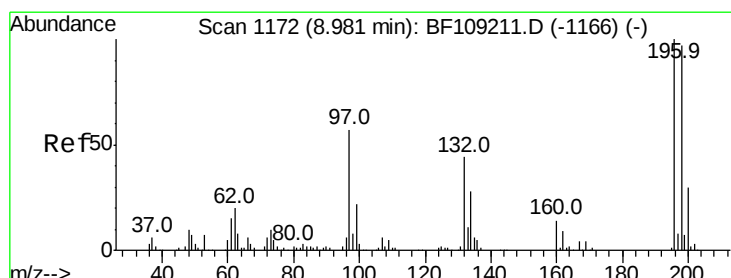
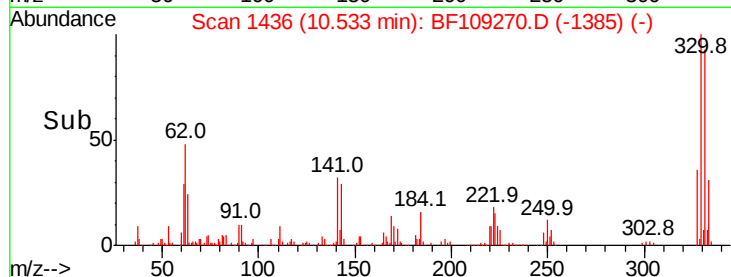
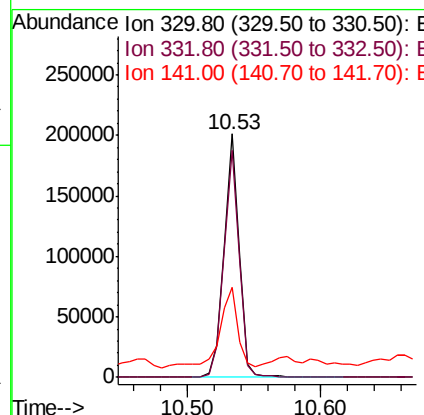
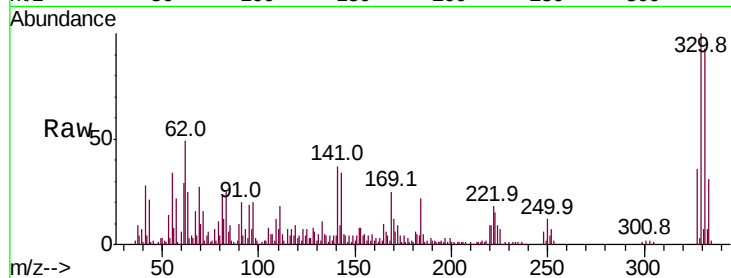
#41
 2,4,6-Tribromophenol
 Concen: 98.141 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
330	100	162968		
332	94.4	77.0	115.6	
141	38.8	29.9	44.9	

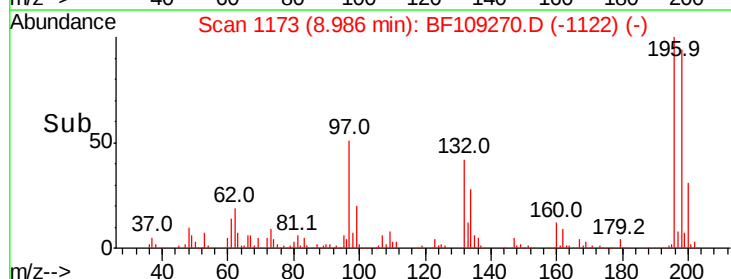
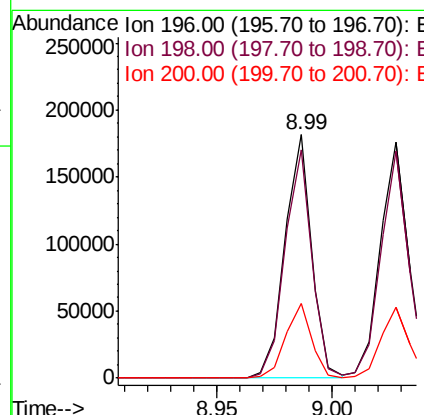
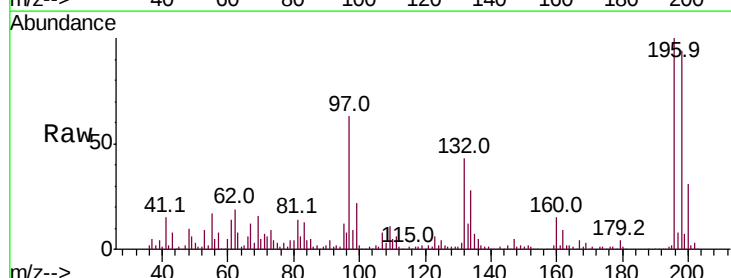
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#42
 2,4,6-Trichlorophenol
 Concen: 42.225 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145282		
198	93.7	75.7	113.5	
200	30.7	24.5	36.7	





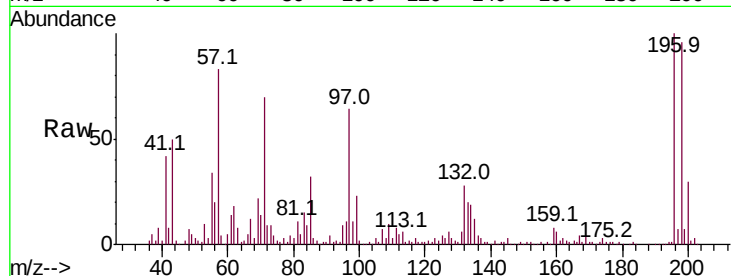
#43
 2,4,5-Trichlorophenol
 Concen: 41.015 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	196	Resp:	149040
Ion Ratio	Lower	Upper	
196	100		
198	96.1	74.6	112.0
97	64.2	42.9	64.3
132	28.1	26.3	39.5

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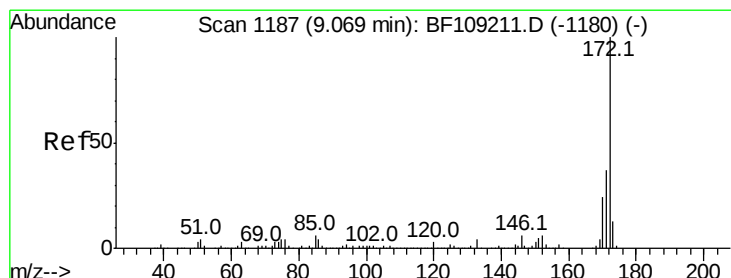
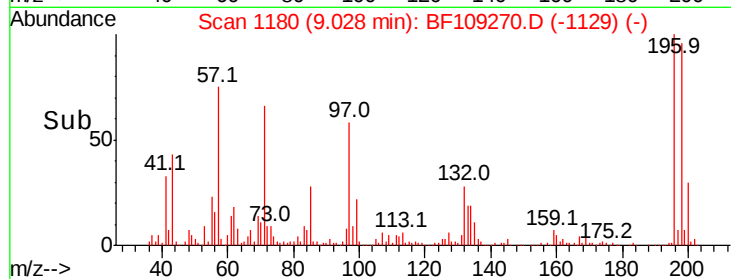
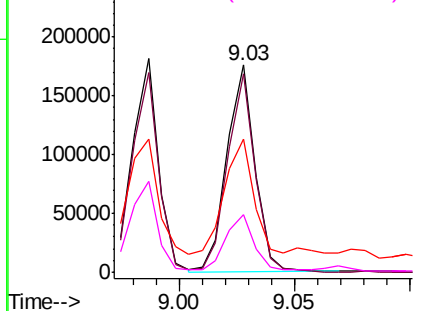
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.278 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

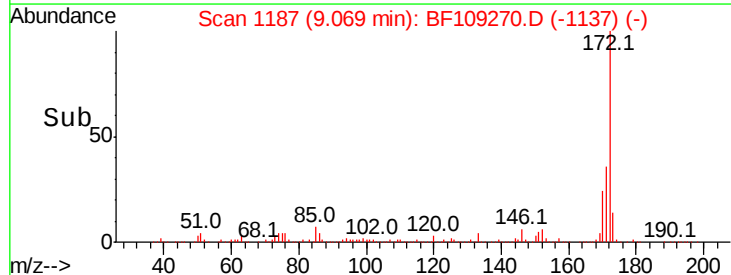
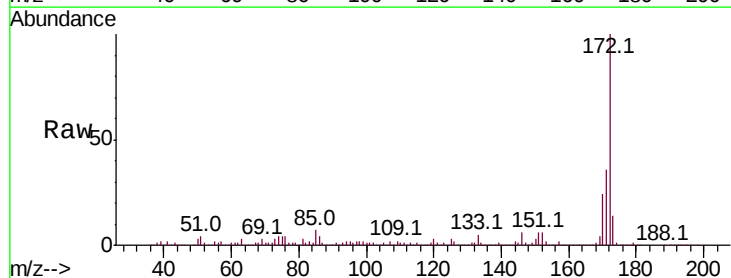
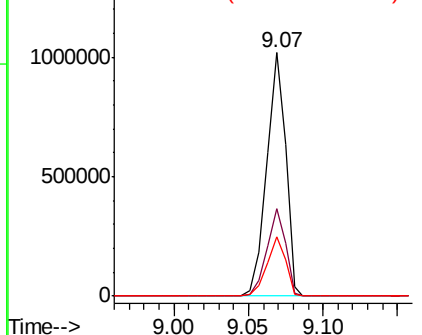
Tgt Ion:	172	Resp:	885450
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	24.2	19.6	29.4

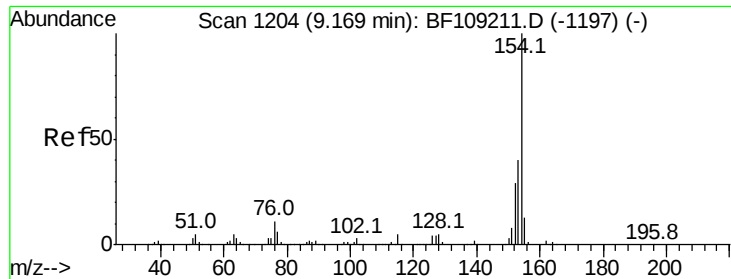
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





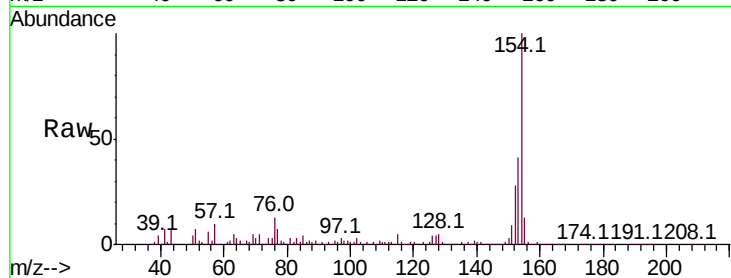
#45
1,1'-Biphenyl
Concen: 39.342 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

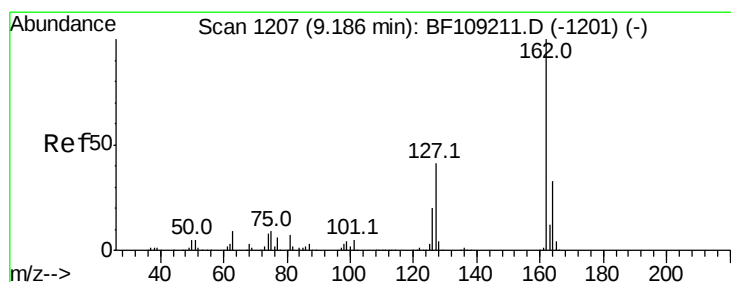
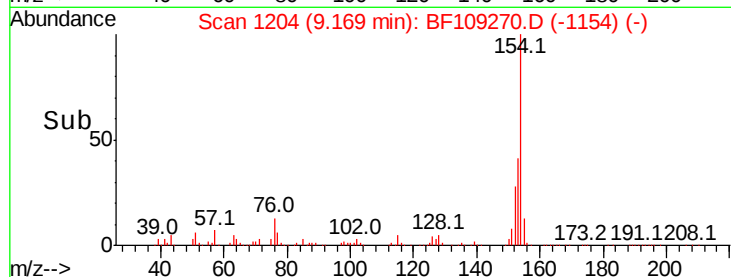
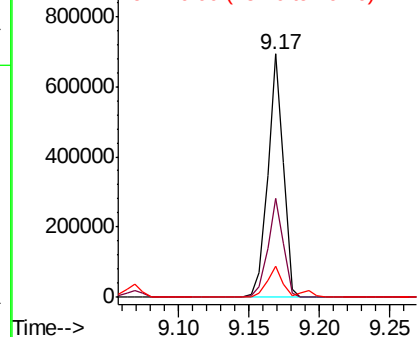
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.3	61.3	
76	12.6	0.0	34.0	

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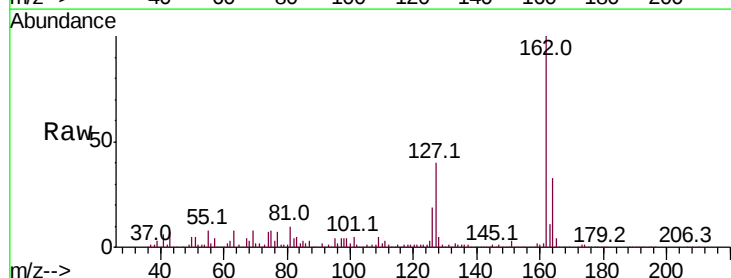


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

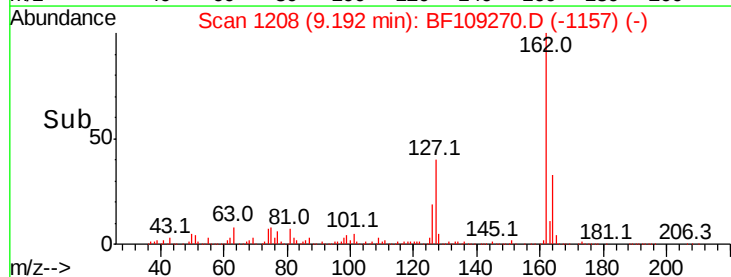
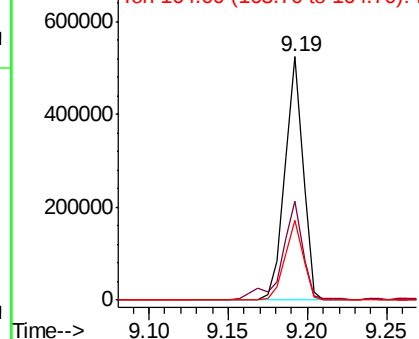


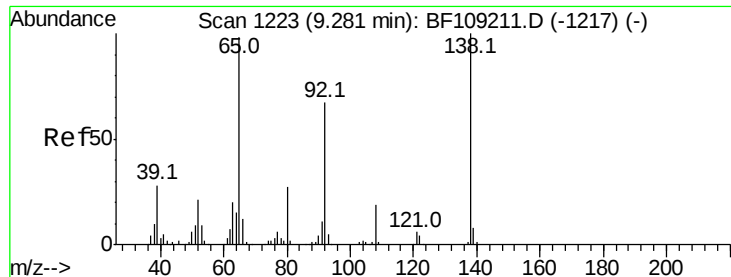
#46
2-Chloronaphthalene
Concen: 38.213 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.4	33.9	50.9	
164	32.8	26.5	39.7	



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





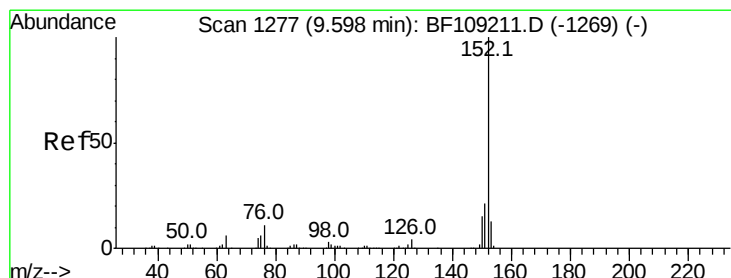
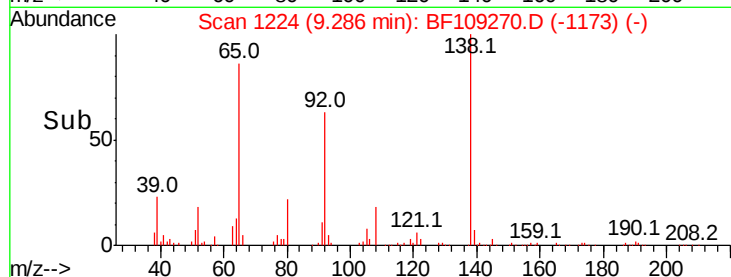
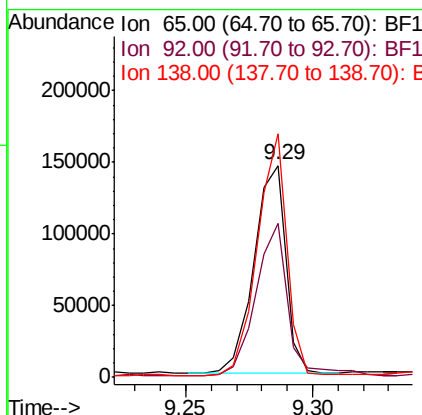
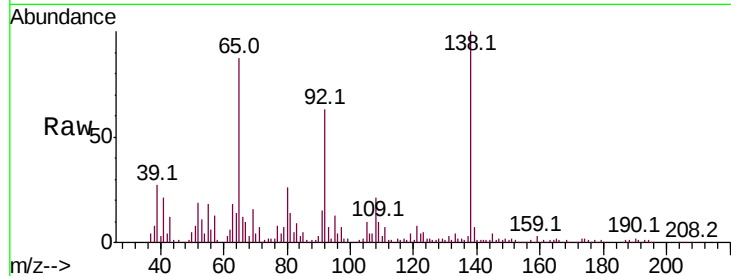
#47
2-Nitroaniline
Concen: 41.146 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.3	55.8	83.6
138	114.7	91.2	136.8

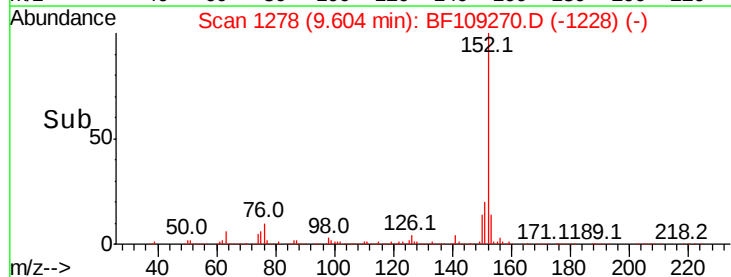
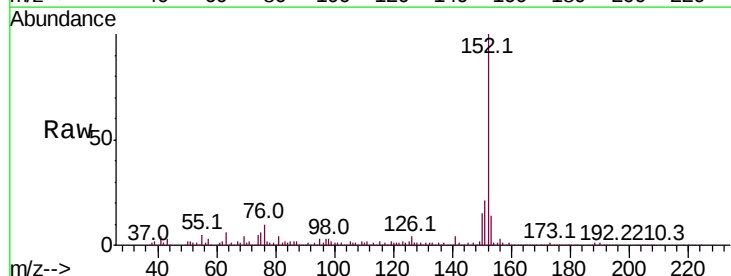
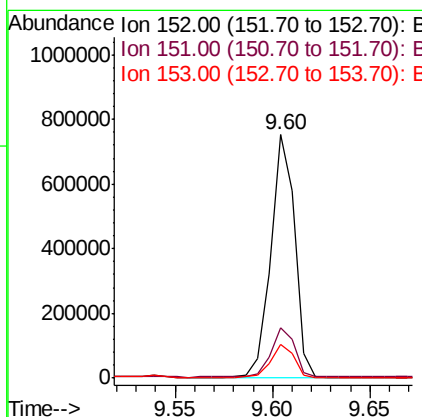
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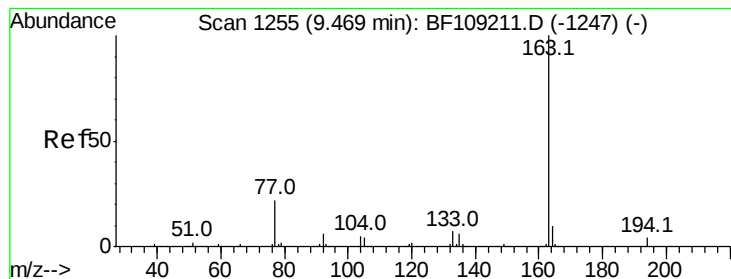
Sohil
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#48
Acenaphthylene
Concen: 38.558 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.9	10.7	16.1





#49

Dimethylphthalate

Concen: 46.356 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

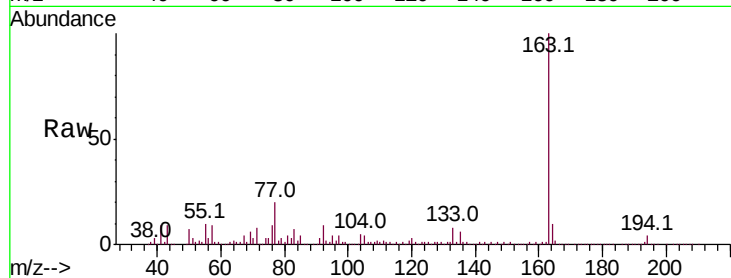
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

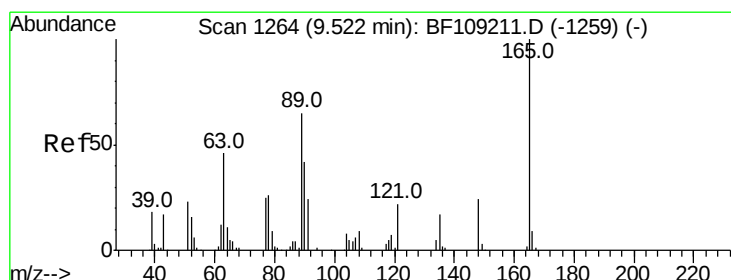
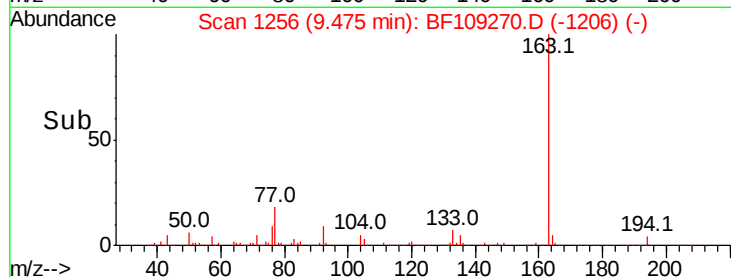
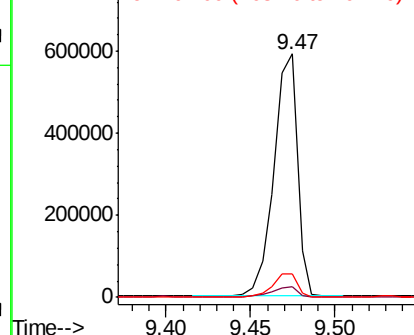
Tot Ion:	163	Resp:	567942
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	9.9	8.2	12.2

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



#50

2,6-Dinitrotoluene

Concen: 41.106 ng

RT: 9.53 min Scan# 1265

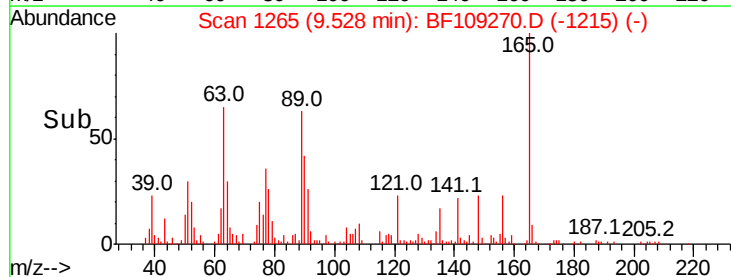
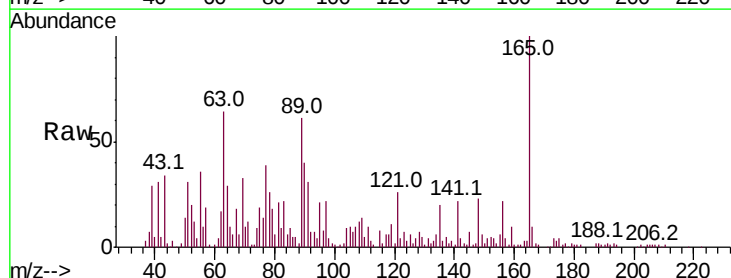
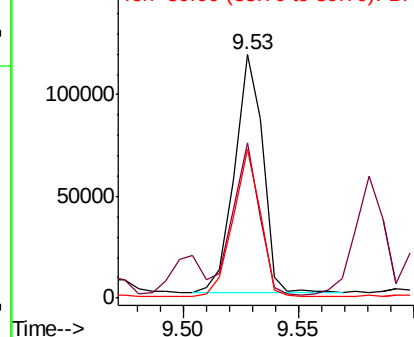
Delta R.T. -0.01 min

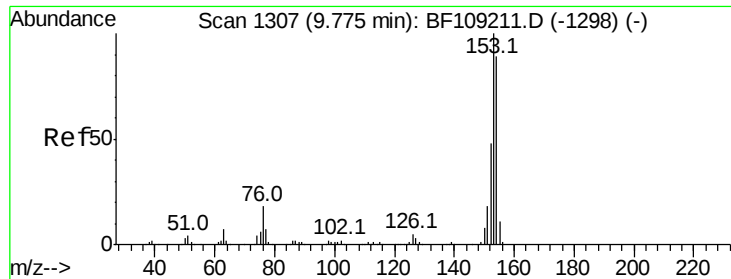
Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	165	Resp:	99744
Ion Ratio	Lower	Upper	
165	100		
63	63.9	44.7	67.1
89	61.3	44.0	66.0

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





#51

Acenaphthene

Concen: 36.945 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

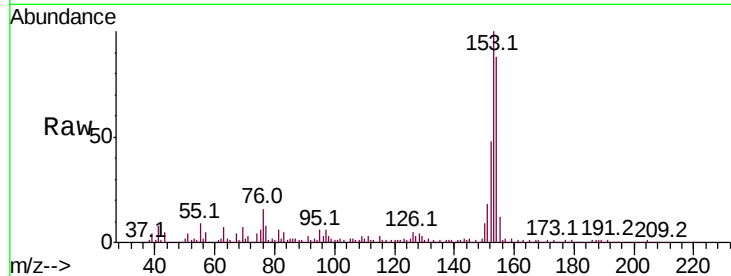
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.2	136.8
152	53.8	43.8	65.8

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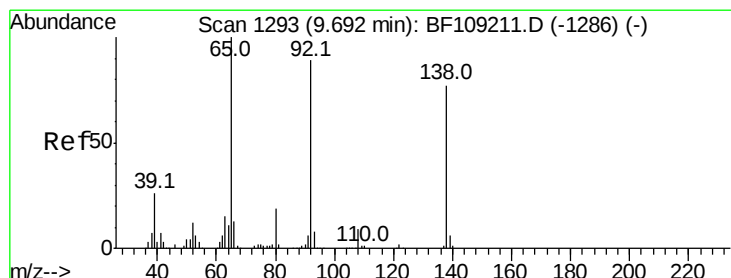
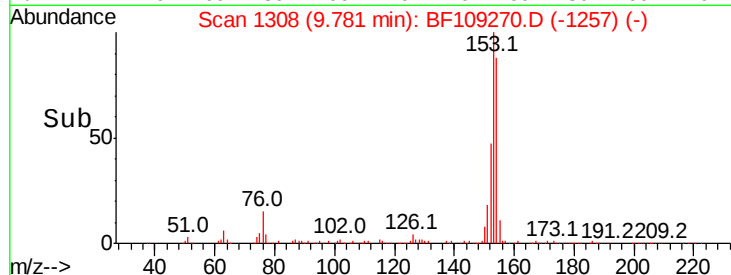
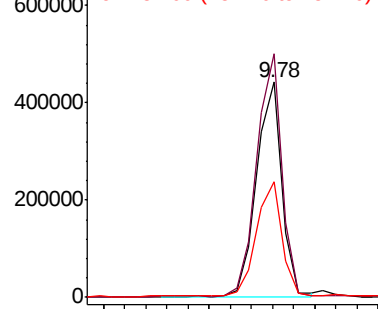


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 34.918 ng

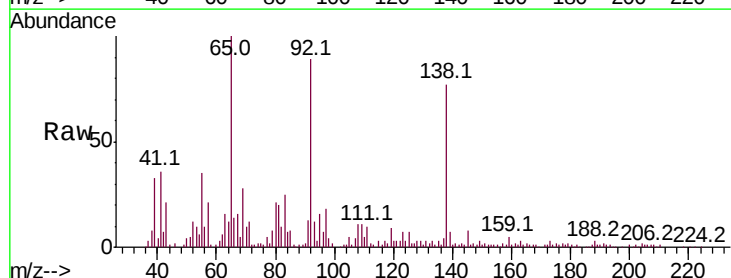
RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.7	9.4	14.0
92	115.8	89.4	134.2

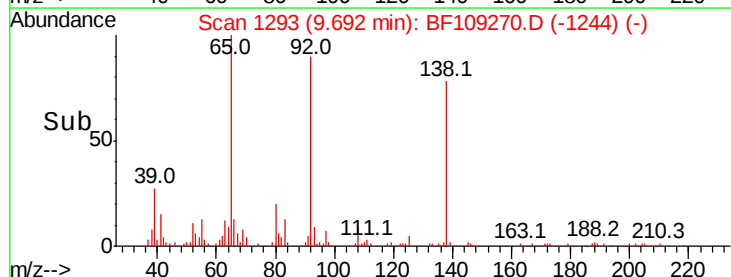
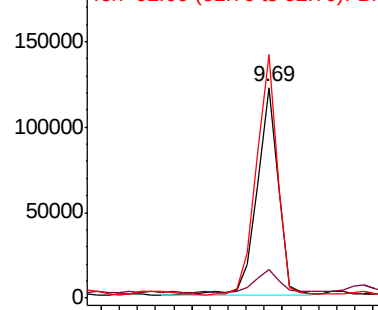


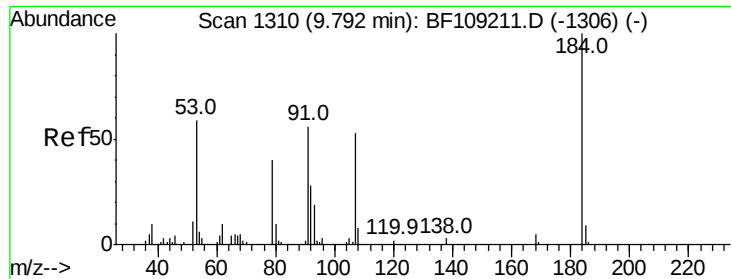
Abundance

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





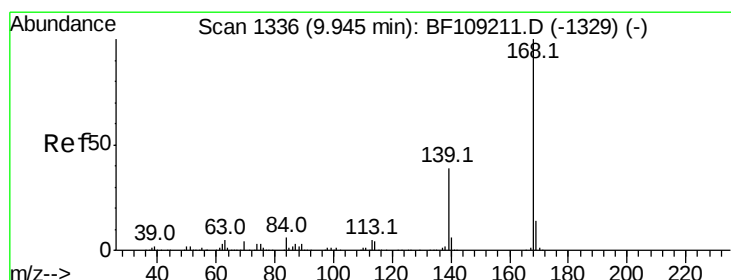
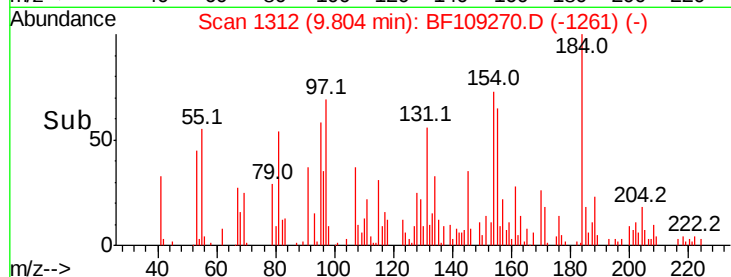
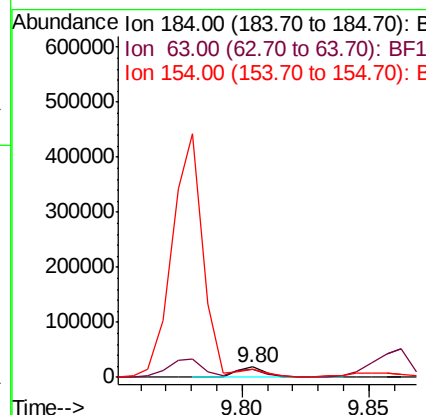
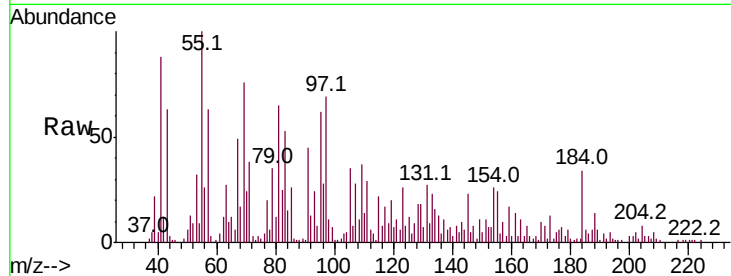
#53
2,4-Dinitrophenol
Concen: 24.396 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
184	100		
63	80.1	54.2	81.2
154	77.8	184.0	276.0#

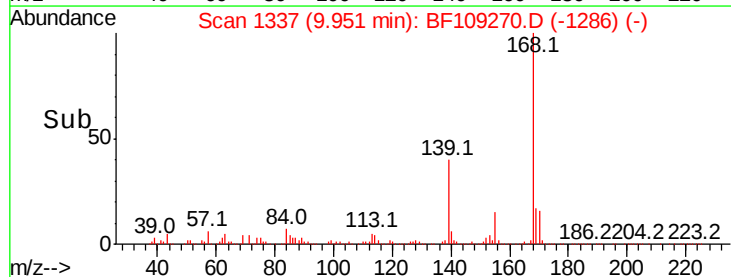
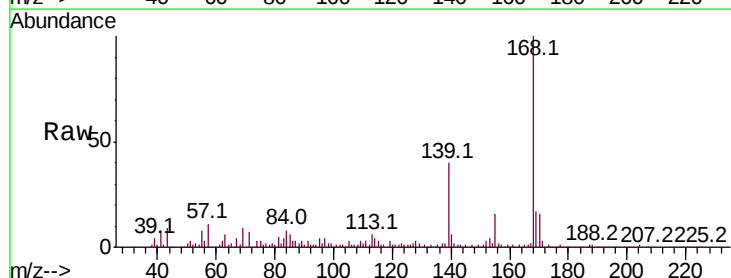
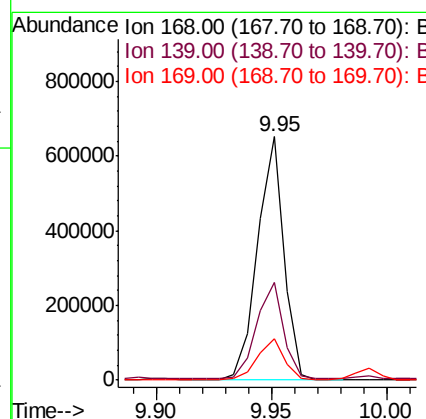
Manual Integrations
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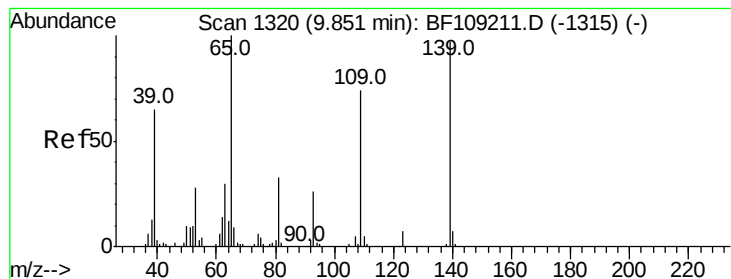
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#54
Dibenzofuran
Concen: 35.050 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.3	30.1	45.1
169	16.9	10.9	16.3#





#55

4-Nitrophenol

Concen: 76.235 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

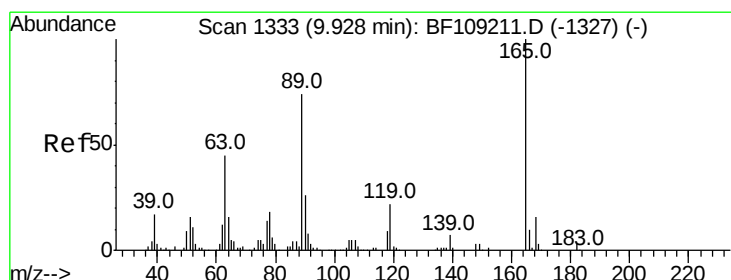
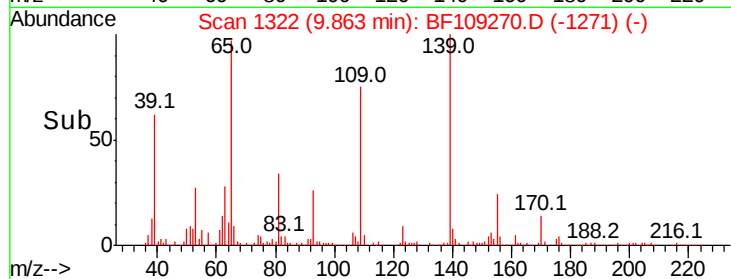
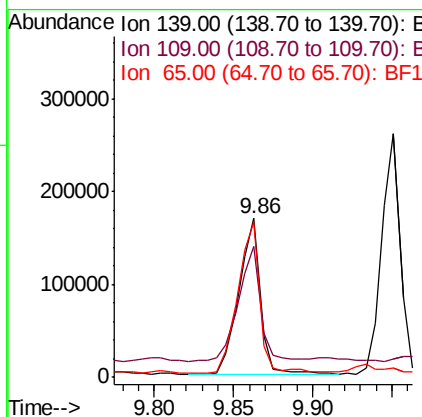
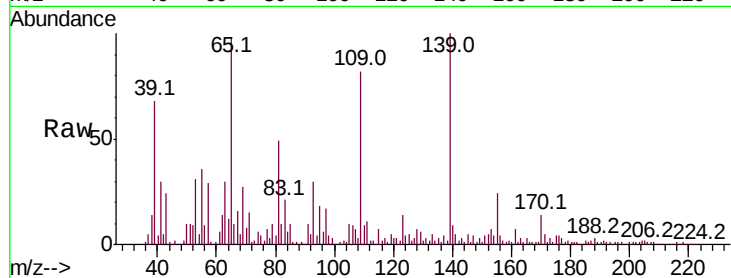
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	139	Resp:	161379
Ion Ratio	Lower	Upper	
139	100		
109	82.5	48.4	88.4
65	97.9	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 39.142 ng

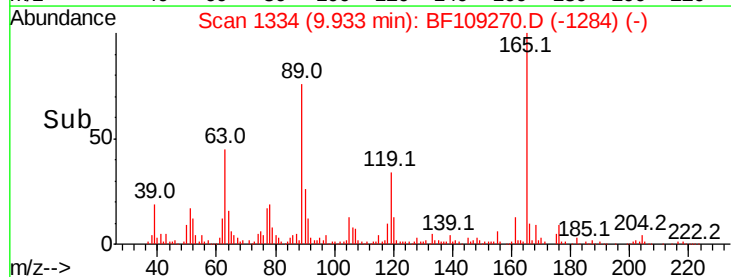
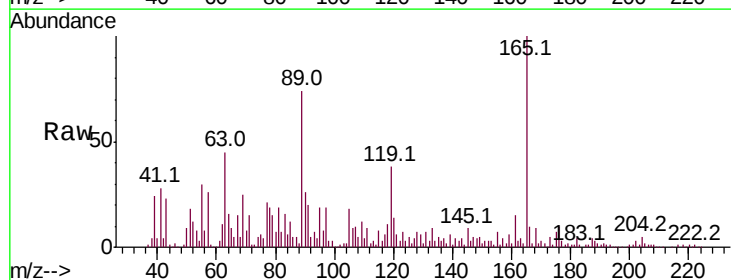
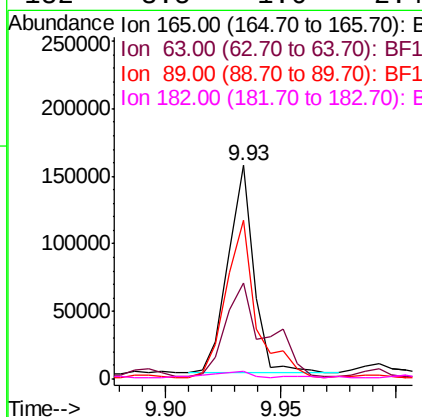
RT: 9.93 min Scan# 1334

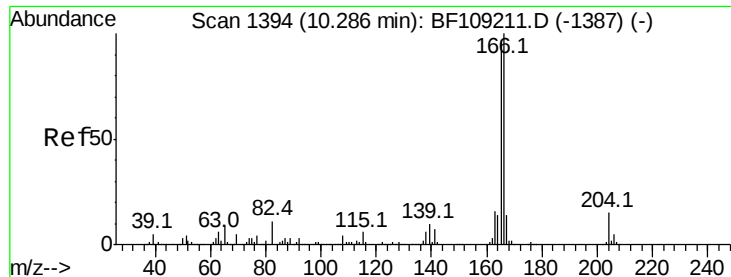
Delta R.T. -0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	165	Resp:	120175
Ion Ratio	Lower	Upper	
165	100		
63	45.2	36.4	54.6
89	74.1	57.8	86.6
182	3.5	1.6	2.4#





#57

Fluorene

Concen: 37.528 ng

RT: 10.29 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

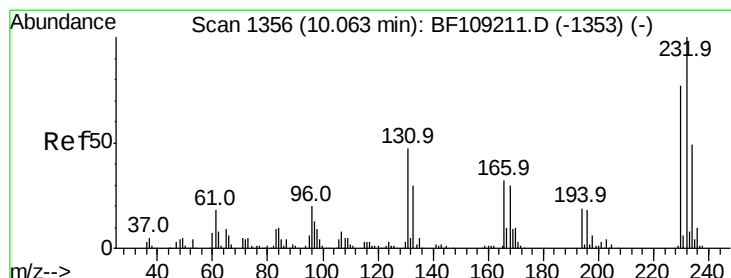
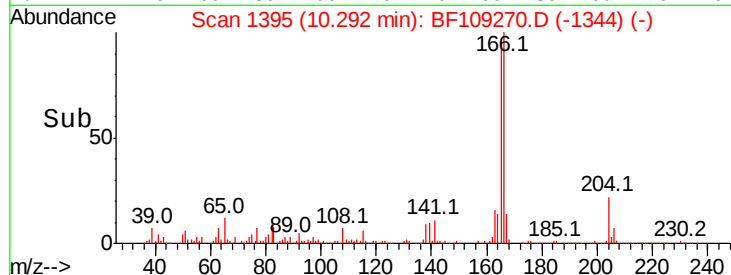
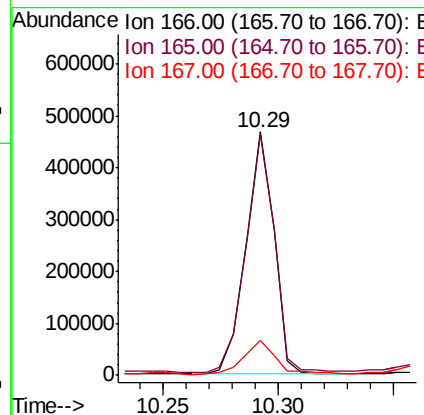
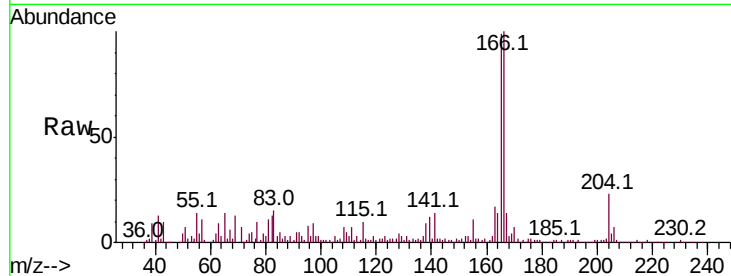
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	166	Resp:	398227
Ion Ratio	Lower	Upper	
166	100		
165	98.8	79.8	119.8
167	14.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 35.956 ng

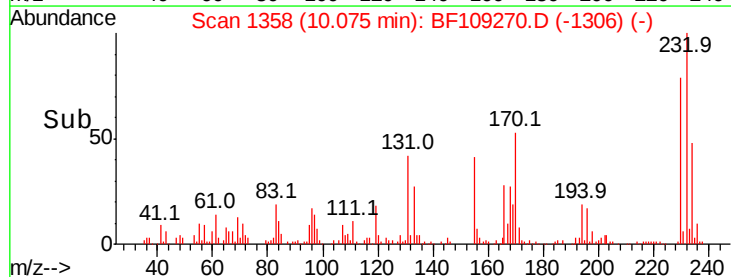
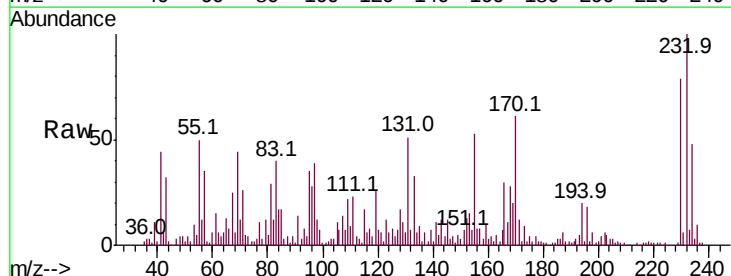
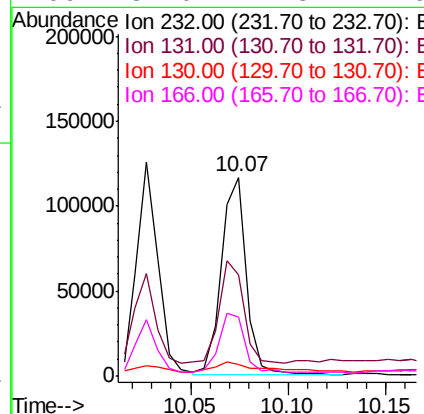
RT: 10.07 min Scan# 1358

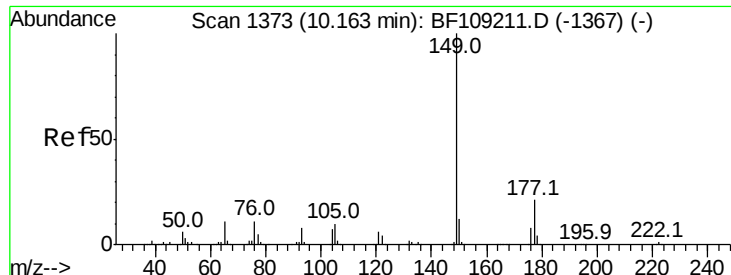
Delta R.T. 0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	232	Resp:	103453
Ion Ratio	Lower	Upper	
232	100		
131	50.8	43.8	65.8
130	8.9	2.1	3.1#
166	31.0	27.8	41.6





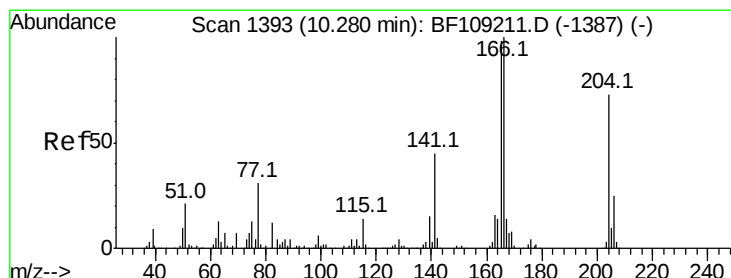
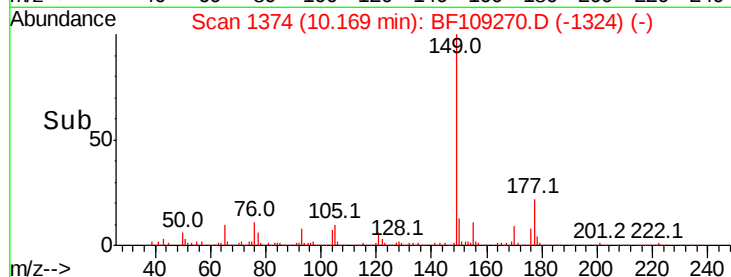
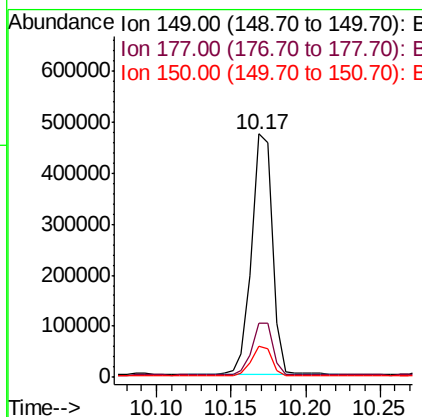
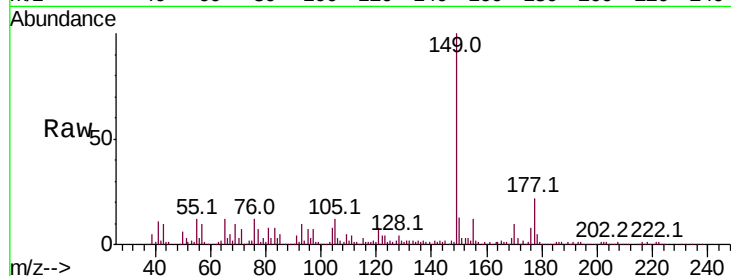
#59
Diethylphthalate
Concen: 36.298 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
149	100	450336		
177	22.4	16.1	24.1	
150	12.9	10.1	15.1	

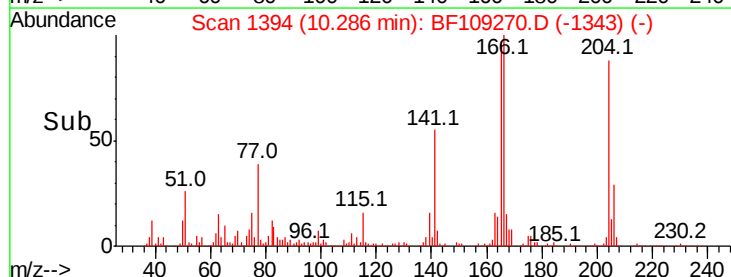
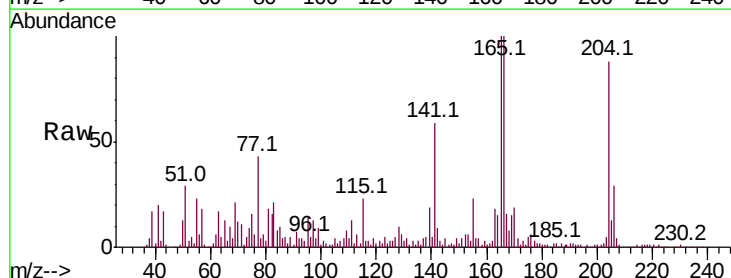
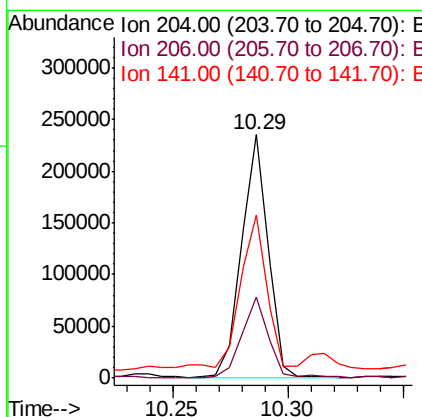
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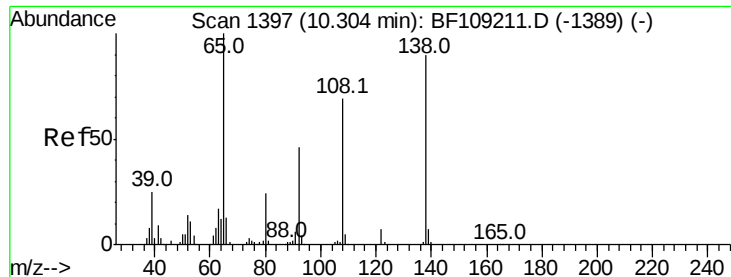
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 33.747 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	187037		
206	33.1	26.5	39.7	
141	67.1	54.6	81.8	





#61

4-Nitroaniline

Concen: 33.071 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.02 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

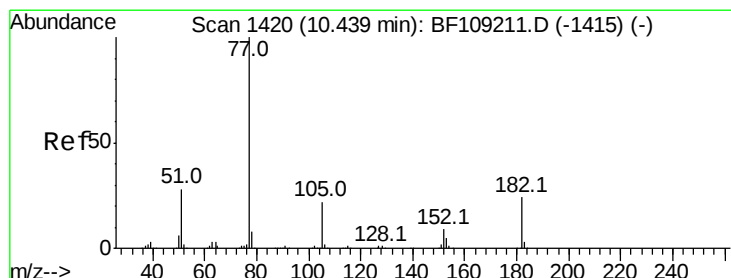
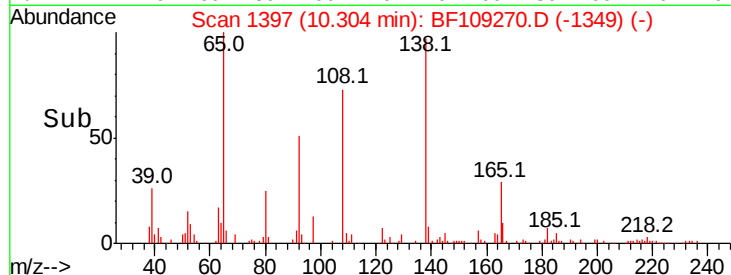
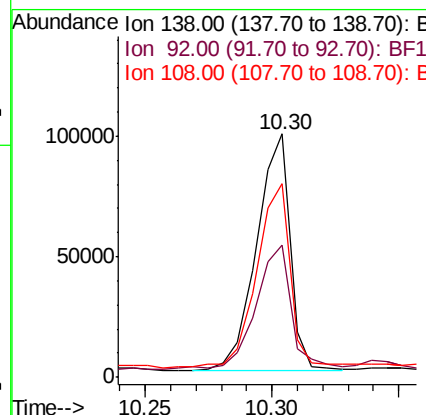
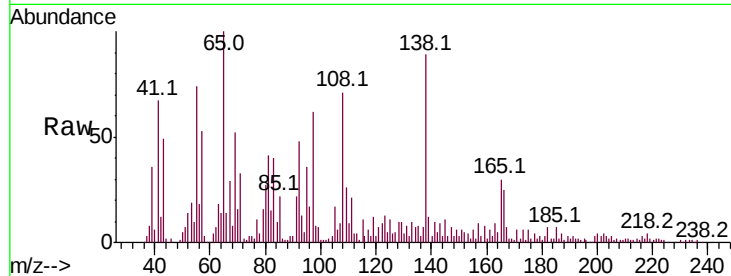
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	138	Resp:	90630
Ion	Ratio	Lower	Upper
138	100		
92	54.2	30.2	70.2
108	79.7	52.5	92.5

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#62

Azobenzene

Concen: 32.823 ng

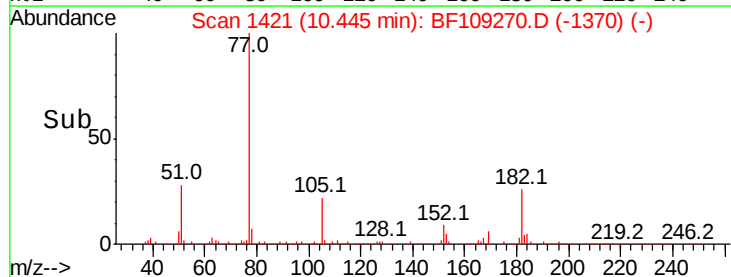
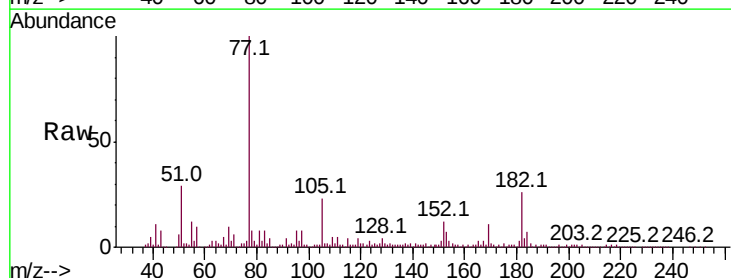
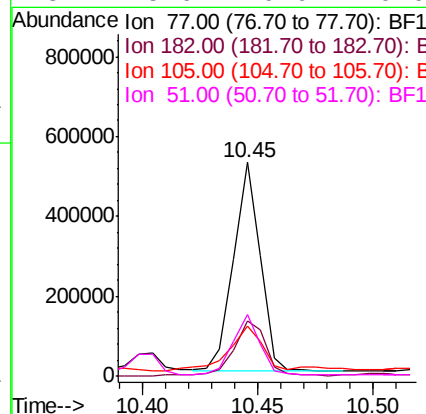
RT: 10.45 min Scan# 1421

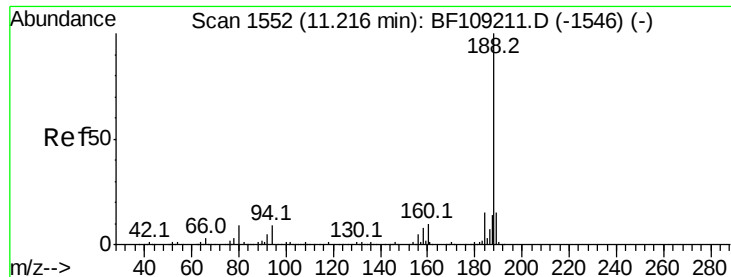
Delta R.T. 0.00 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	77	Resp:	423095
Ion	Ratio	Lower	Upper
77	100		
182	26.0	1.7	41.7
105	23.5	3.0	43.0
51	28.6	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

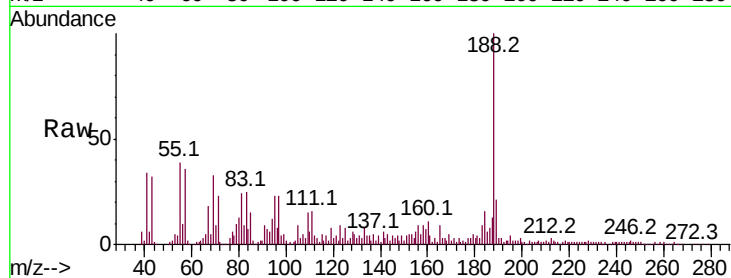
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	188	Resp:	248140
Ion Ratio	Lower	Upper	
188	100		
94	12.2	8.5	12.7
80	12.8	9.2	13.8

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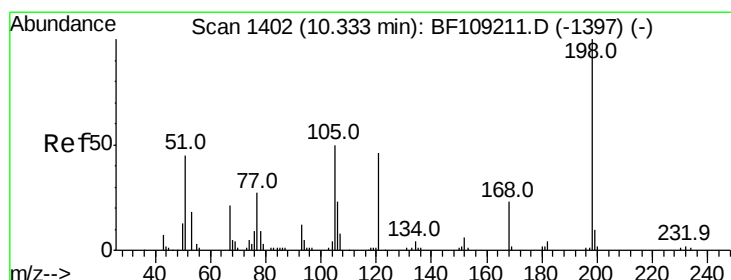
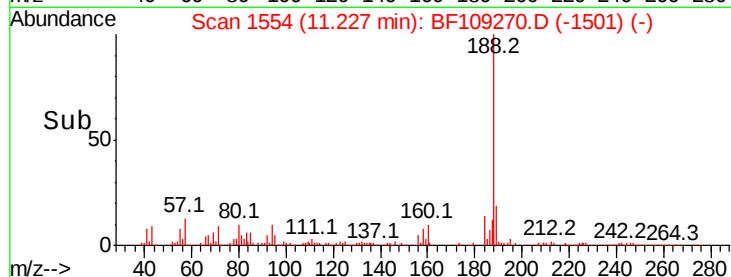
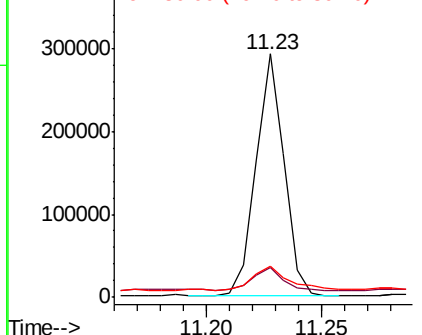
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 22.062 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF109270.D

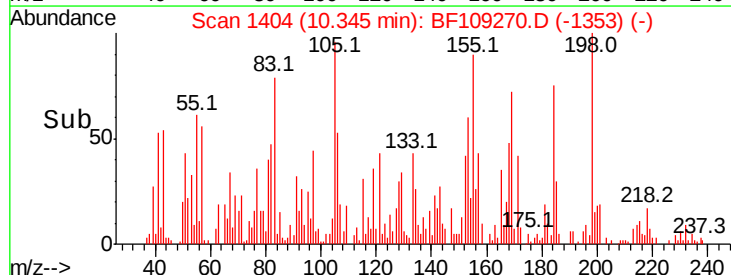
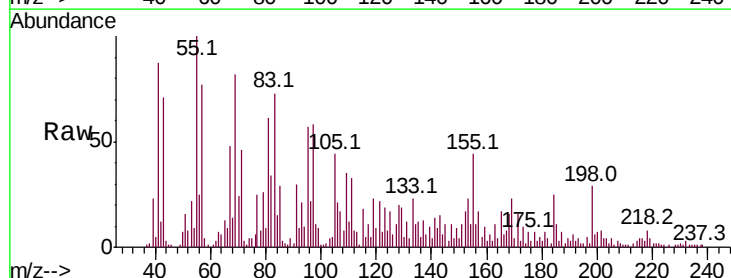
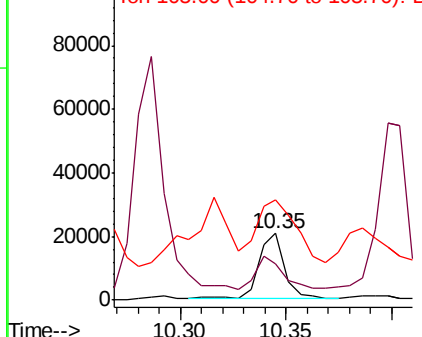
Acq: 24 Sep 2018 16:26

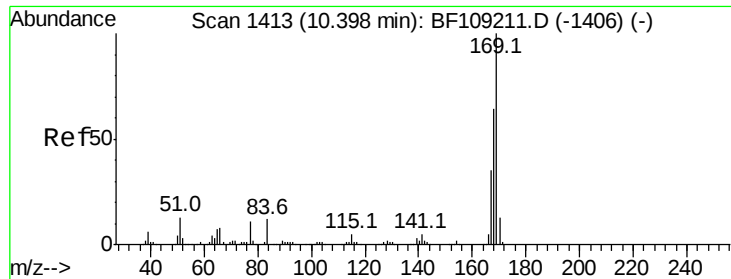
Tgt Ion:	198	Resp:	17862
Ion Ratio	Lower	Upper	
198	100		
51	54.0	37.7	77.7
105	149.6	36.3	76.3#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





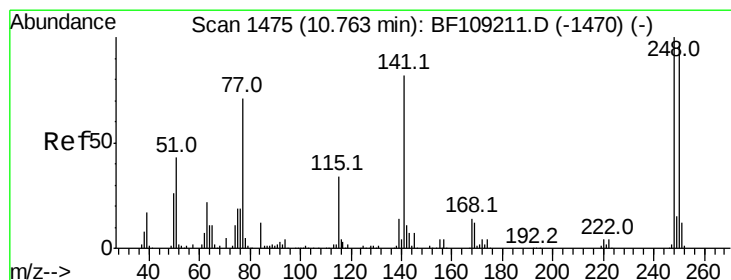
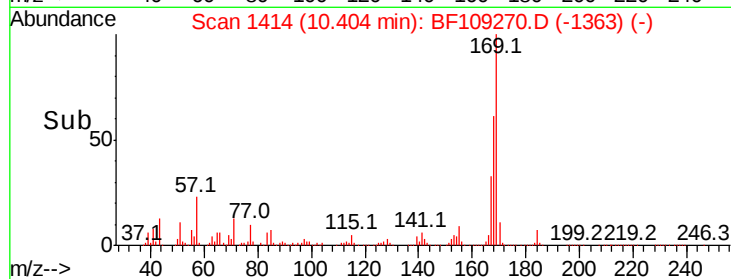
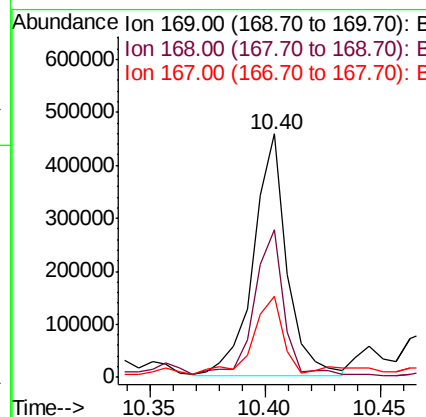
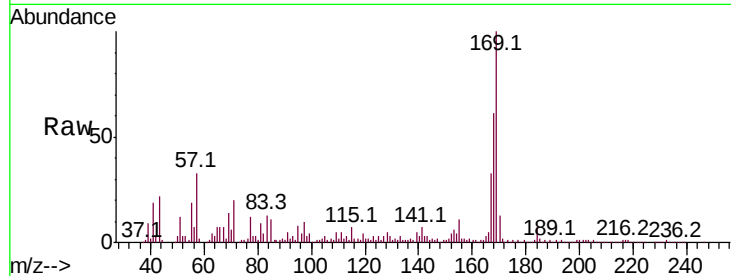
#65
n-Nitrosodiphenylamine
Concen: 56.054 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	60.6	54.4	81.6	
167	33.4	29.8	44.6	

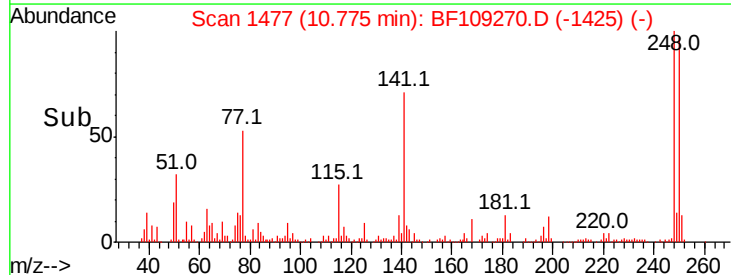
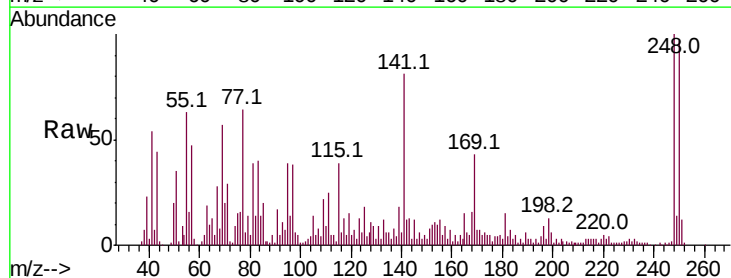
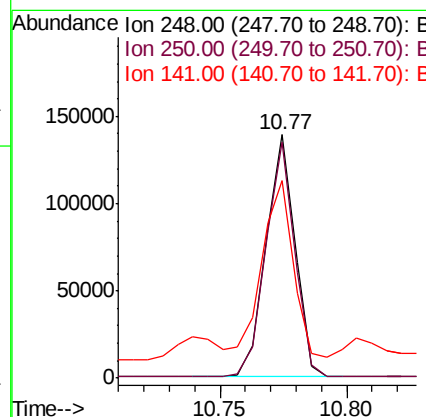
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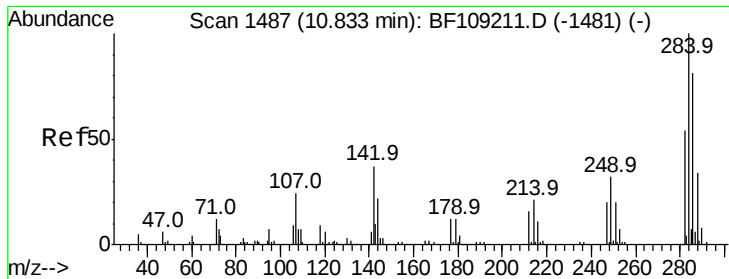
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#66
4-Bromophenyl-phenylether
Concen: 40.425 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.2	76.9	115.3	
141	81.3	74.4	111.6	





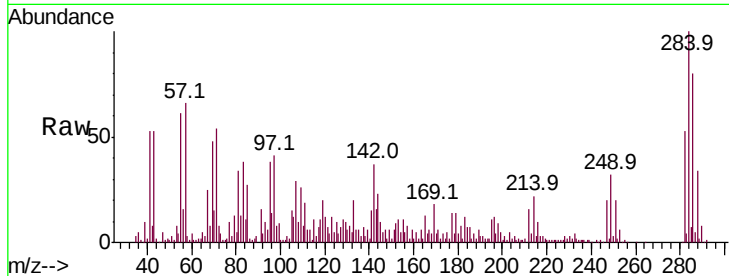
#67
Hexachlorobenzene
Concen: 37.633 ng
RT: 10.85 min Scan# 1490
Delta R.T. 0.01 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

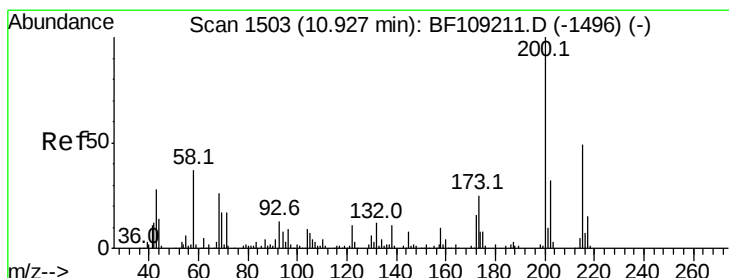
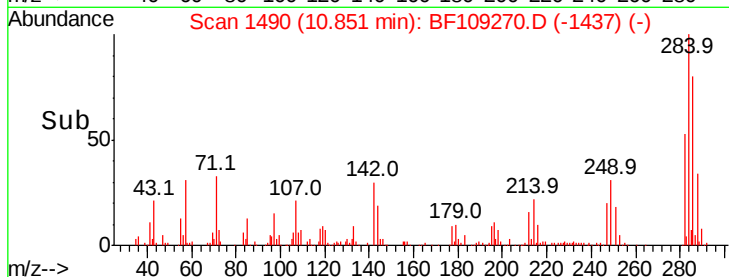
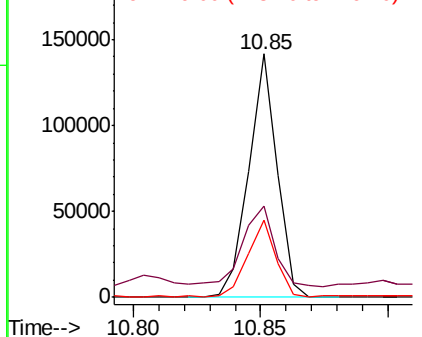
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.3	34.6	52.0	
249	31.7	24.8	37.2	

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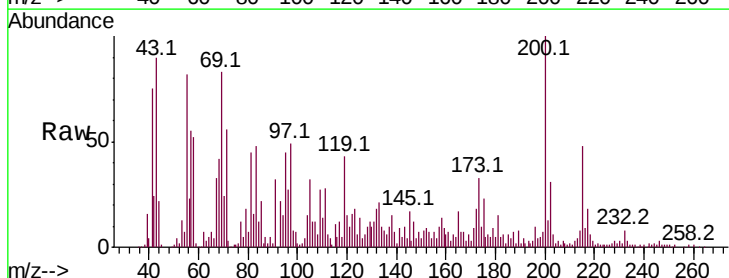


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

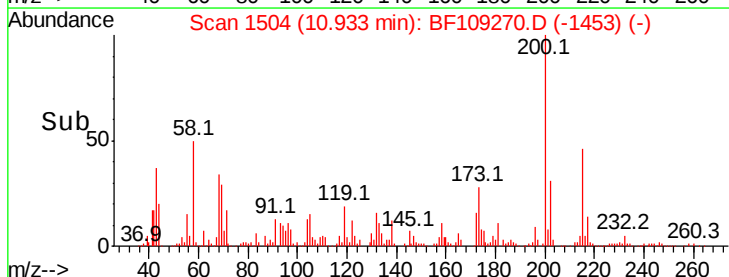
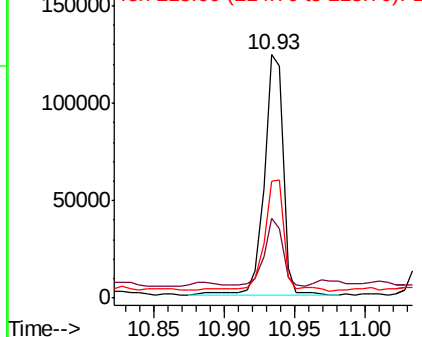


#68
Atrazine
Concen: 47.132 ng
RT: 10.93 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	32.7	8.6	48.6	
215	47.8	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





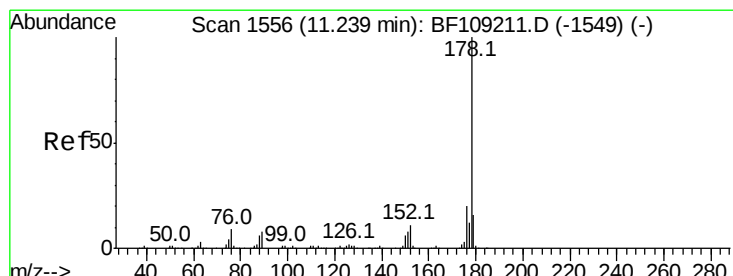
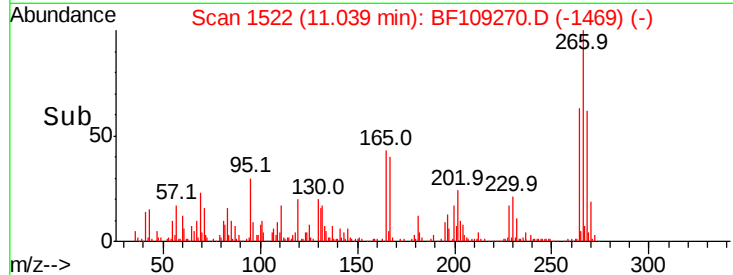
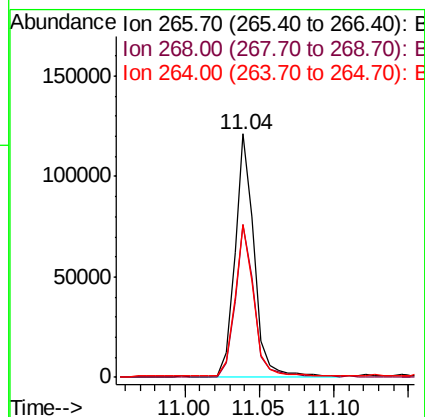
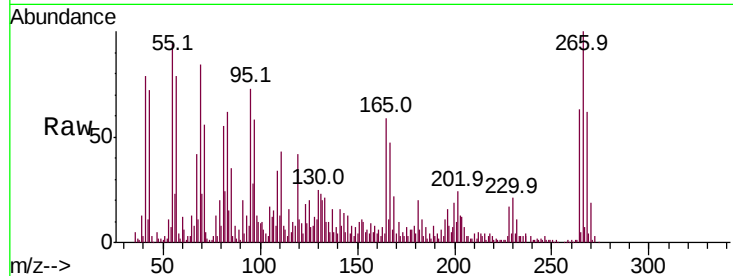
#69
 Pentachlorophenol
 Concen: 63.373 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.5	51.1	76.7	
264	62.6	49.5	74.3	

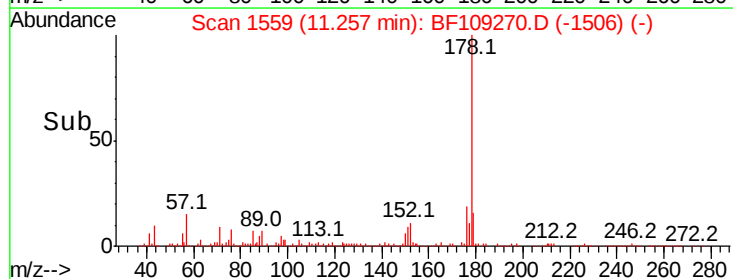
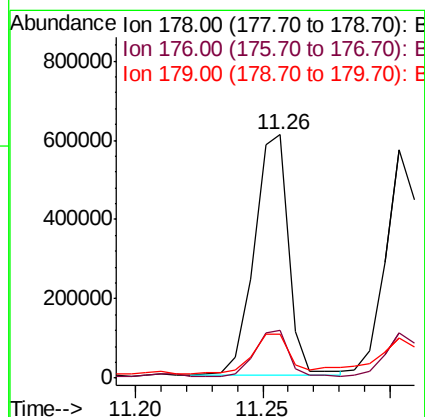
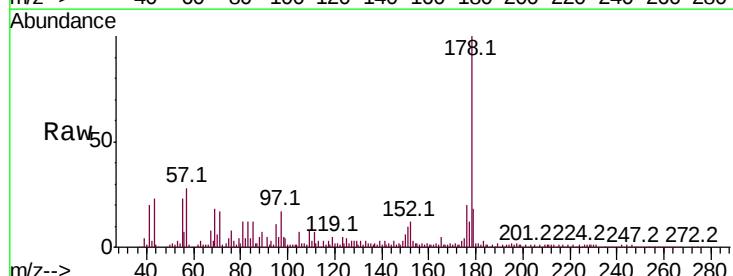
Manual Integrations
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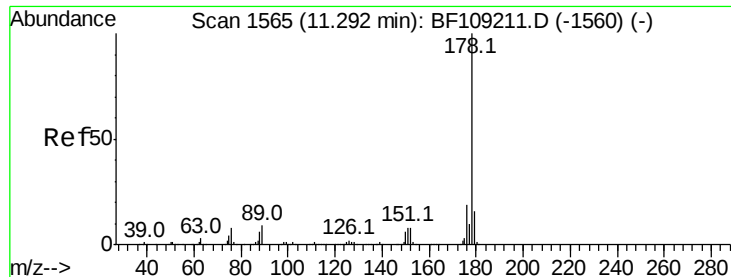
Sohil
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#70
 Phenanthrene
 Concen: 45.839 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.7	15.8	23.8	
179	18.2	13.0	19.6	





#71

Anthracene

Concen: 39.610 ng

RT: 11.30 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

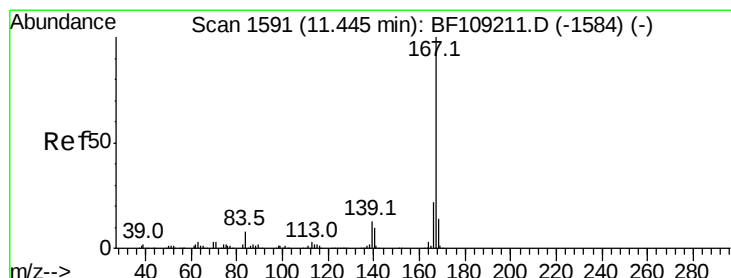
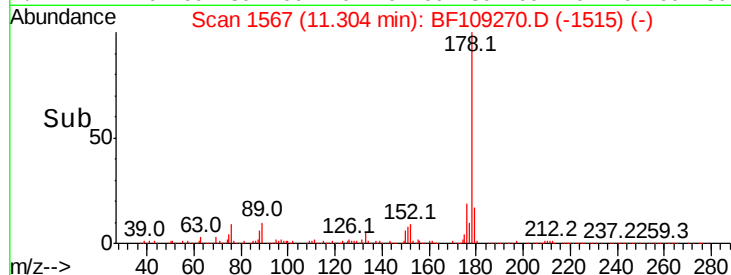
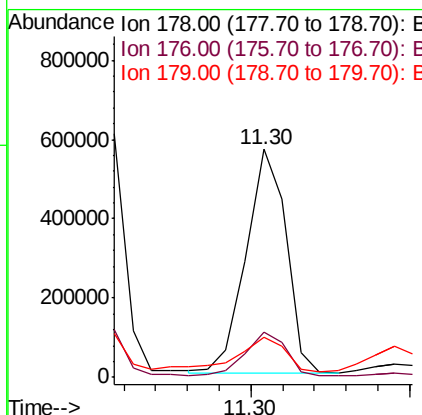
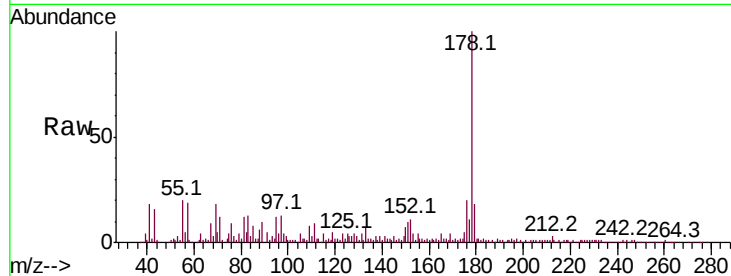
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	178	Resp:	497752
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.4	23.2
179	17.9	12.6	19.0

Manual Integrations
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#72

Carbazole

Concen: 34.264 ng

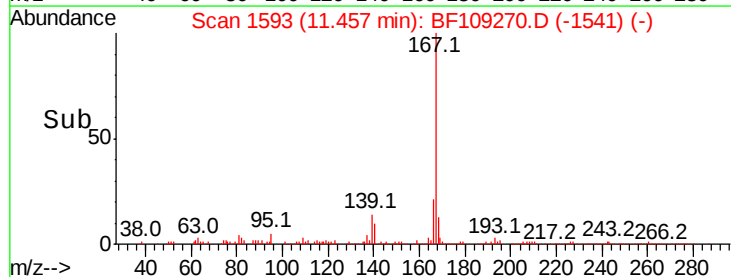
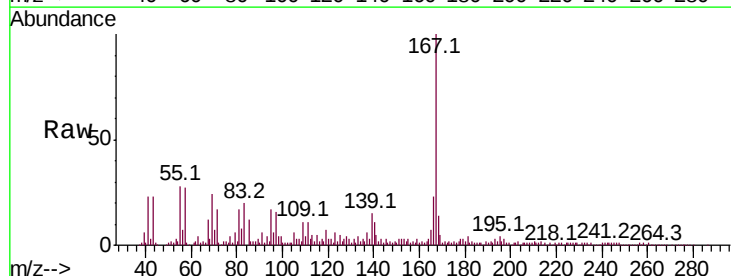
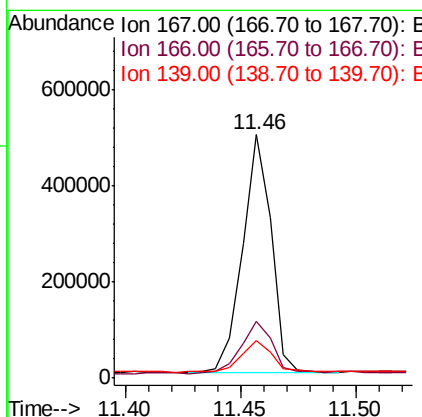
RT: 11.46 min Scan# 1593

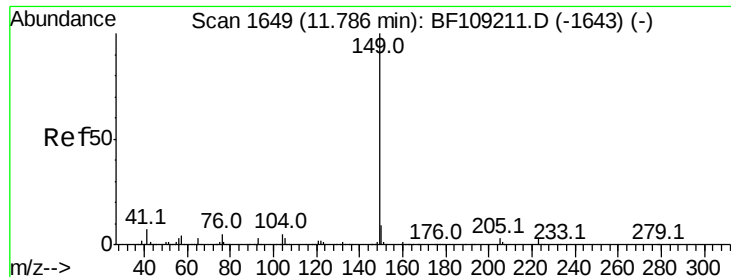
Delta R.T. 0.01 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	167	Resp:	428401
Ion Ratio	Lower	Upper	
167	100		
166	23.4	17.6	26.4
139	15.4	10.9	16.3





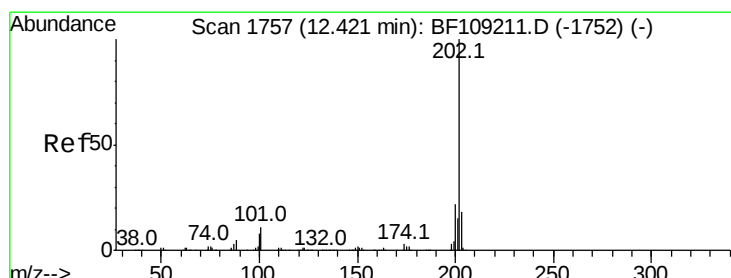
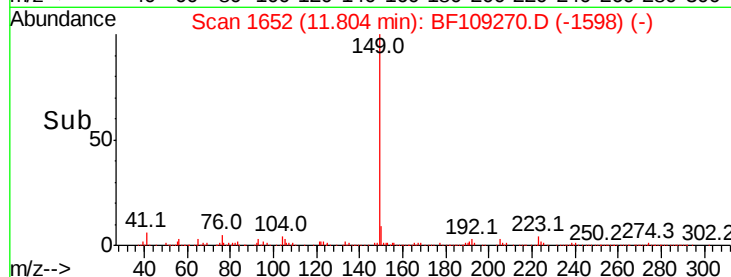
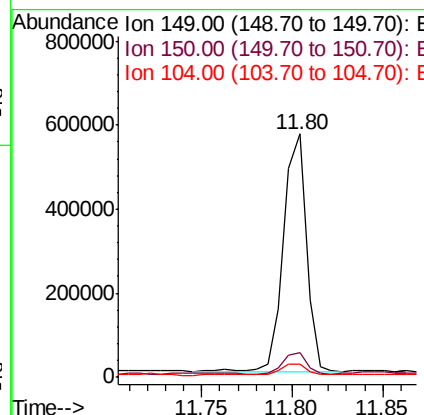
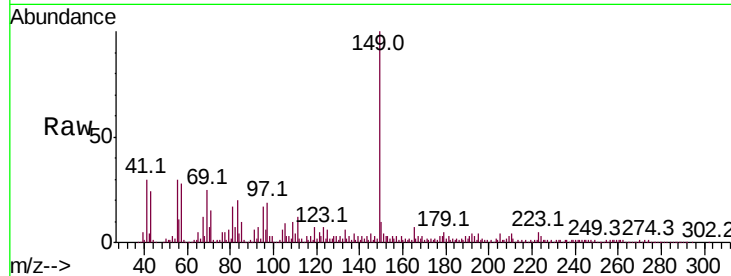
#73
Di-n-butylphthalate
Concen: 34.520 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.02 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	10.3	7.8	11.6	
104	5.5	3.8	5.8	

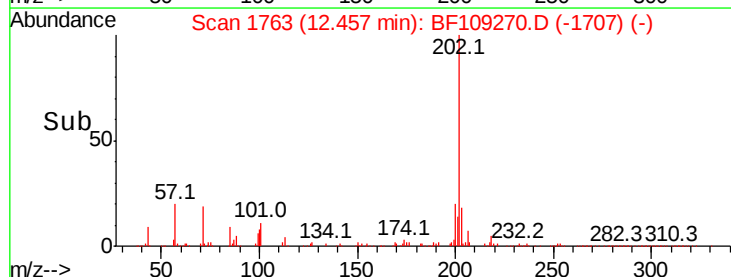
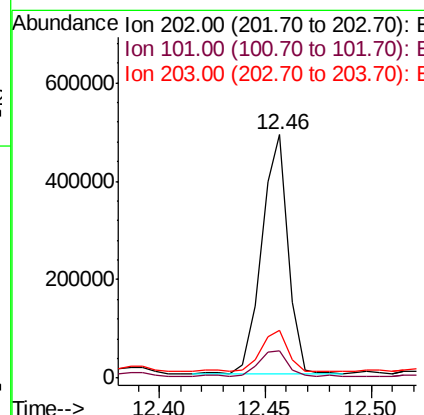
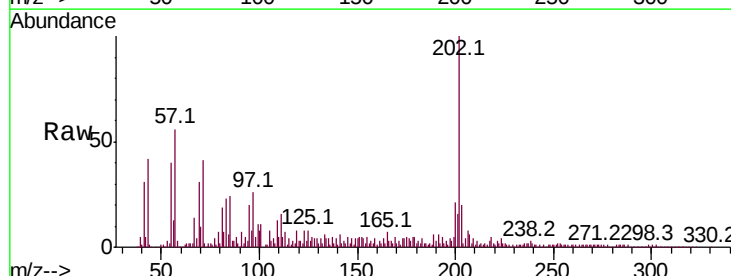
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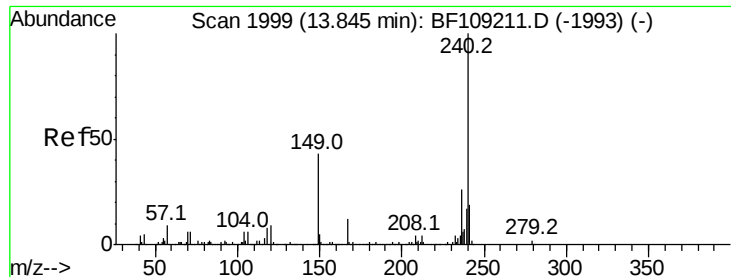
Sohil
9/25/2018 9:57:34 AM



#74
Fluoranthene
Concen: 31.833 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.03 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.2	0.0	34.1	
203	19.8	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.03 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

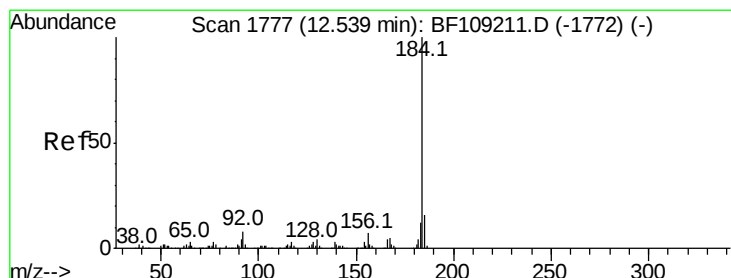
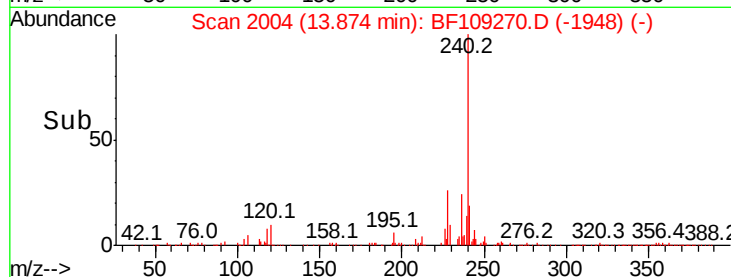
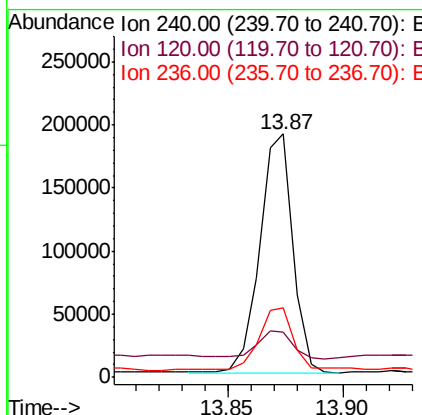
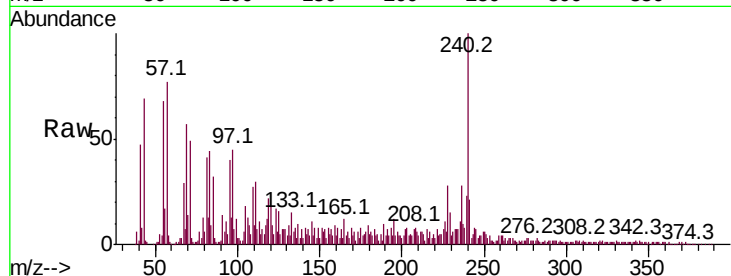
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion:	240	Resp:	190215
Ion Ratio	Lower	Upper	
240	100		
120	18.4	9.5	14.3#
236	28.4	20.7	31.1

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#76

Benzidine

Concen: 25.766 ng

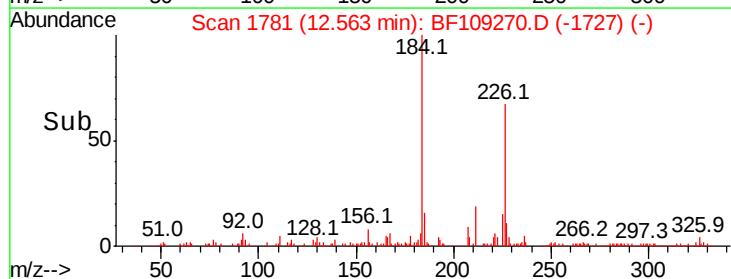
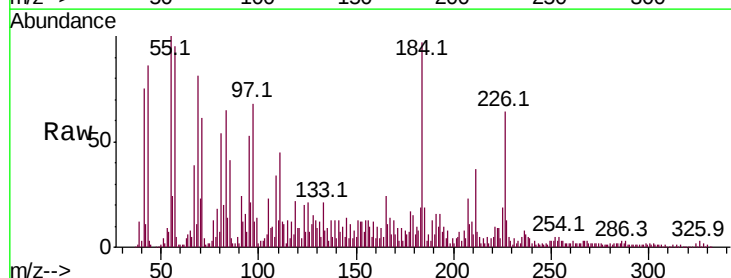
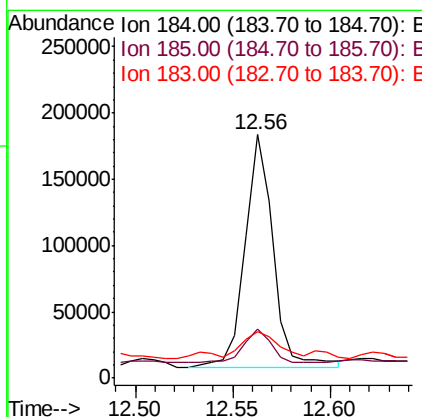
RT: 12.56 min Scan# 1781

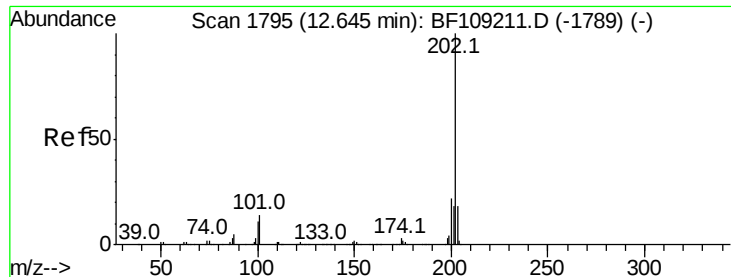
Delta R.T. 0.02 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion:	184	Resp:	176709
Ion Ratio	Lower	Upper	
184	100		
185	20.0	12.6	18.8#
183	19.3	9.3	13.9#





#77

Pvrene

Concen: 35.999 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.02 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

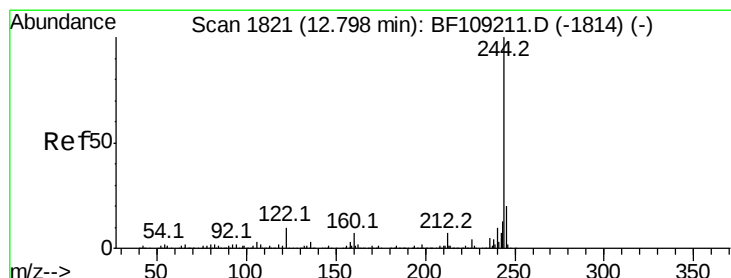
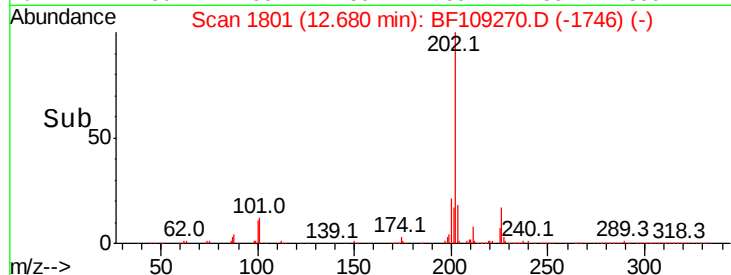
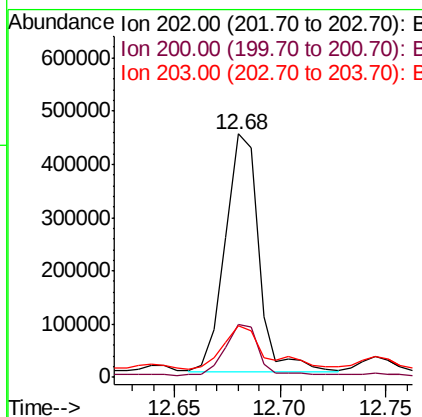
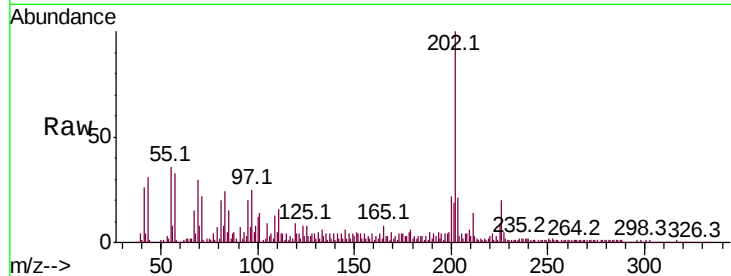
ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.8	17.4	26.2	
203	21.0	14.3	21.5	

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#78

Terphenyl-d14

Concen: 70.430 ng

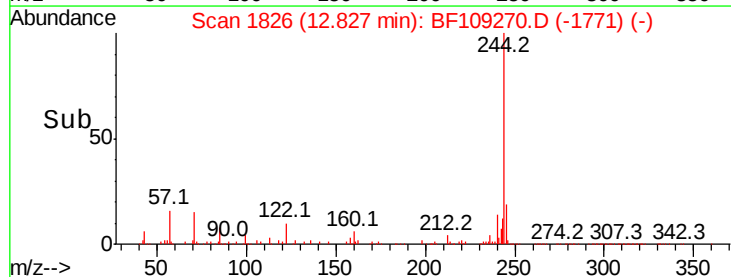
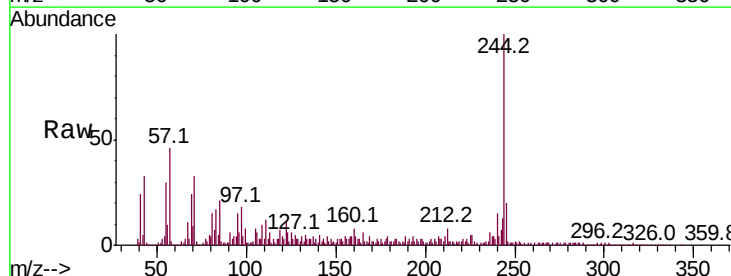
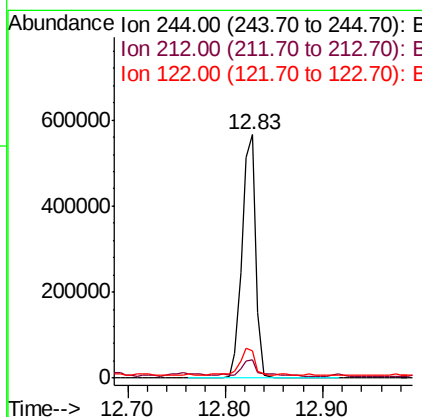
RT: 12.83 min Scan# 1826

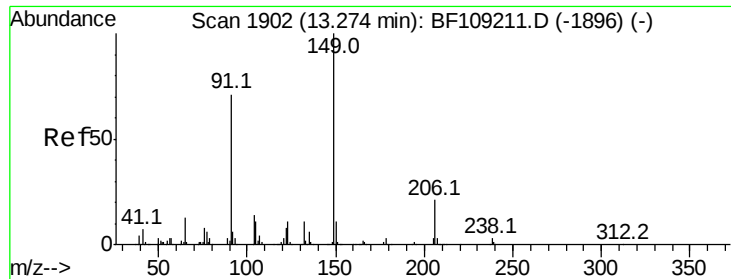
Delta R.T. 0.02 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.7	5.4	8.0	
122	11.1	11.0	16.4	





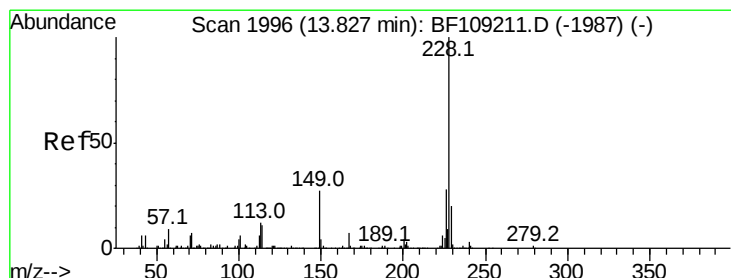
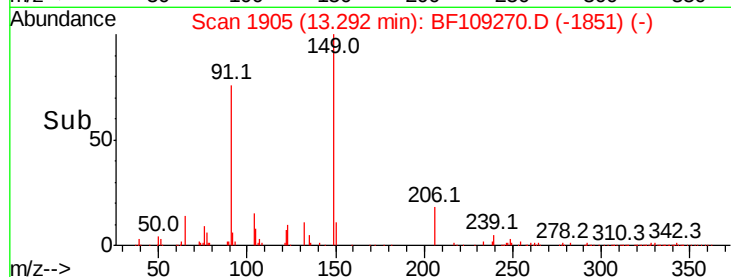
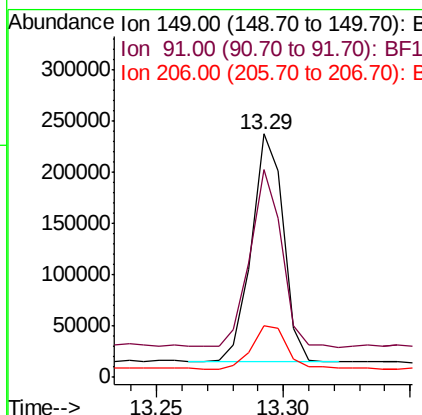
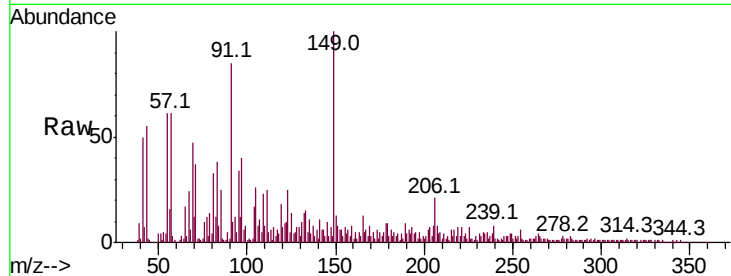
#79
Butylbenzylphthalate
Concen: 33.710 ng
RT: 13.29 min Scan# 1905
Delta R.T. 0.02 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	85.1	56.8	85.2	
206	21.2	14.1	21.1	

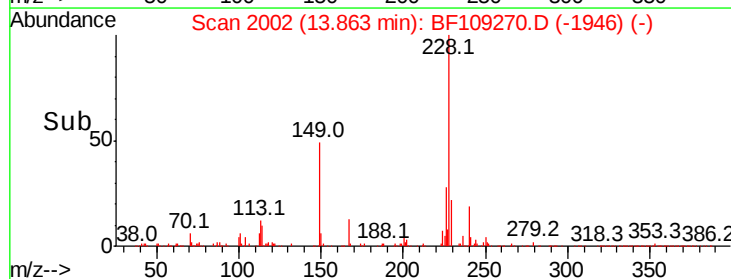
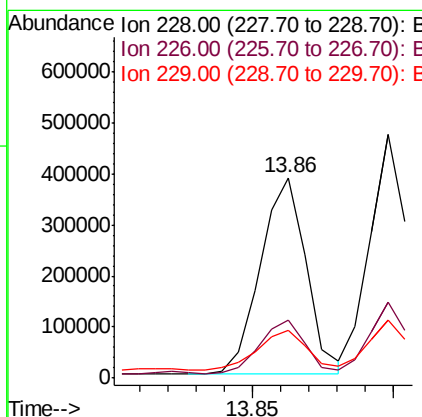
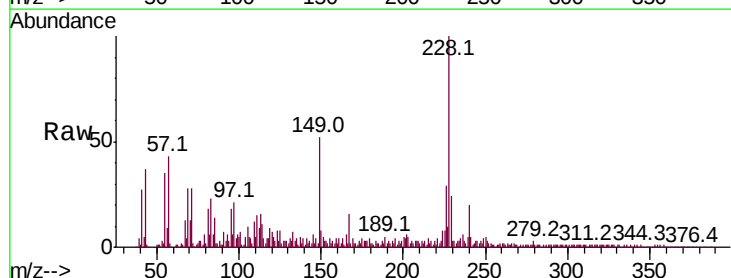
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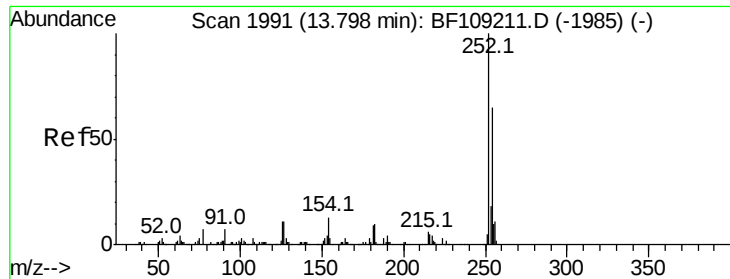
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#80
Benzo(a)anthracene
Concen: 37.870 ng
RT: 13.86 min Scan# 2002
Delta R.T. 0.03 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	29.2	22.6	33.8	
229	24.0	15.8	23.6	





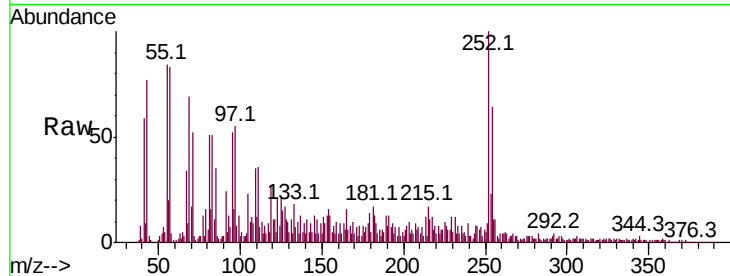
#81
 3,3'-Dichlorobenzidine
 Concen: 34.524 ng
 RT: 13.82 min Scan# 1995
 Delta R.T. 0.02 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.3	50.4	75.6	
126	15.4	11.3	16.9	

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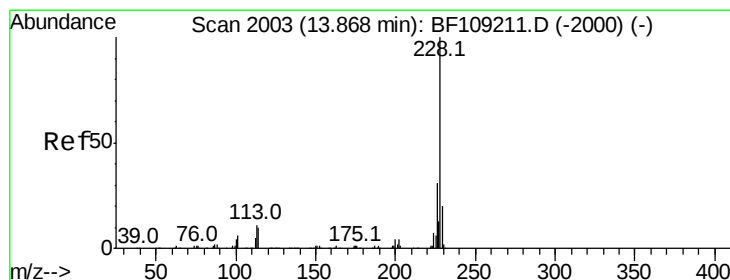
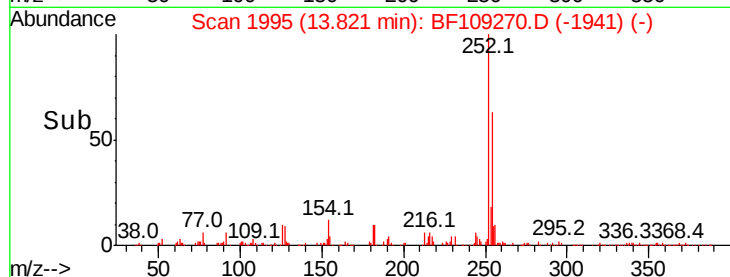
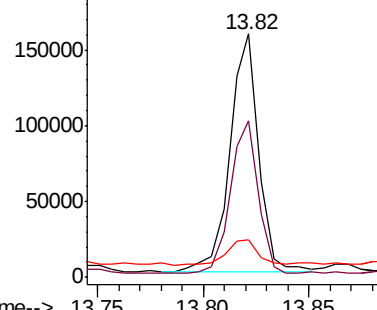


Abundance

Ion 252.00 (251.70 to 252.70): E

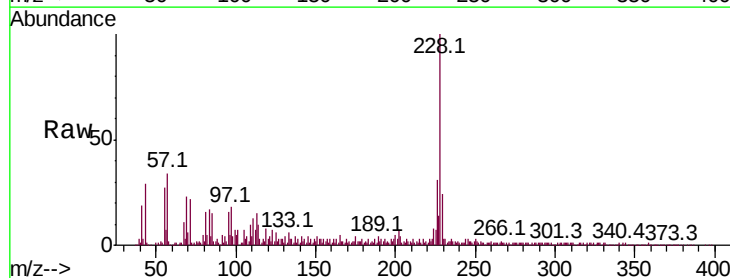
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 37.082 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.02 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.1	25.0	37.6	
229	24.0	16.2	24.4	

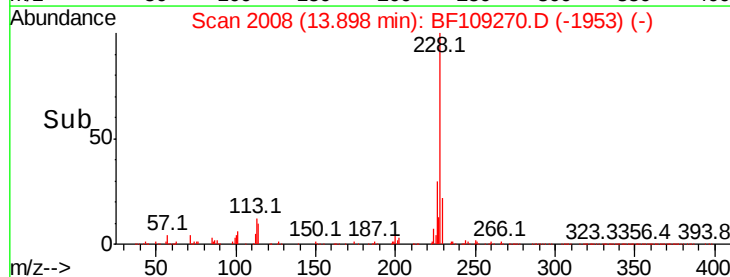
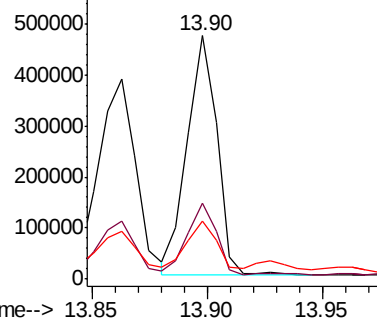


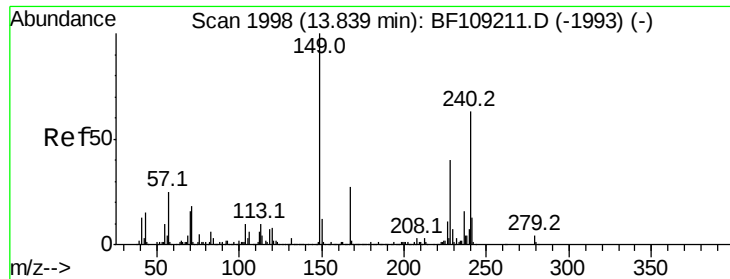
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





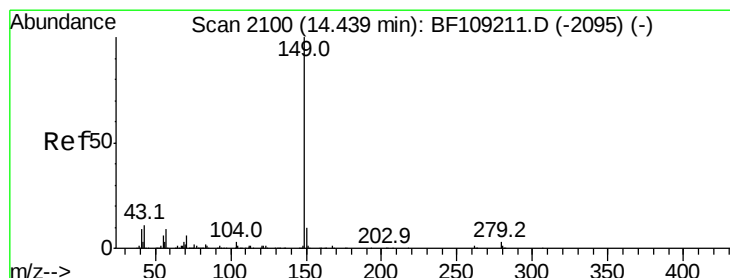
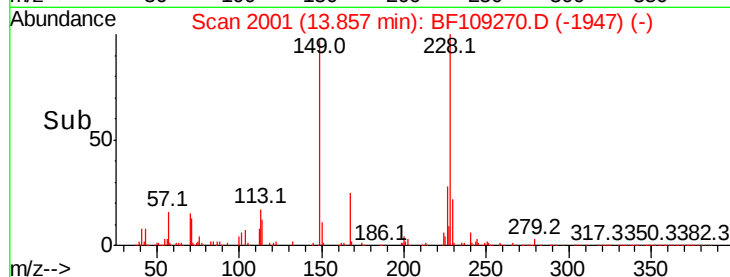
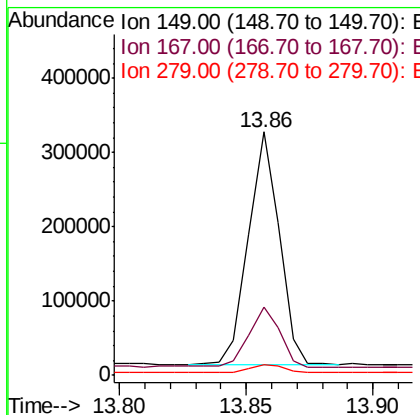
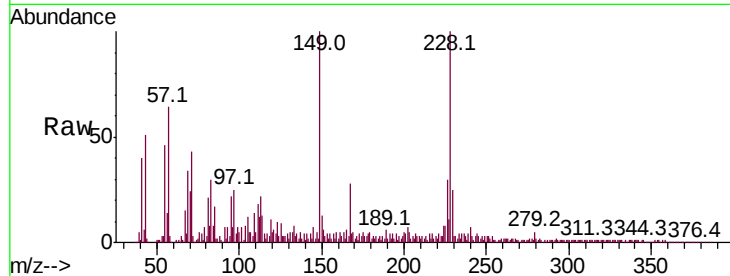
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.331 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.02 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Instrument :
 BNA_F
 ClientSampleId :
 RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Resp	Lower	Upper
149	100	265742		
167	28.1	21.3	31.9	
279	4.6	3.0	4.4#	

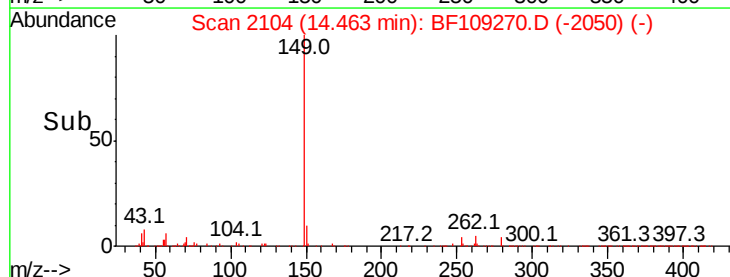
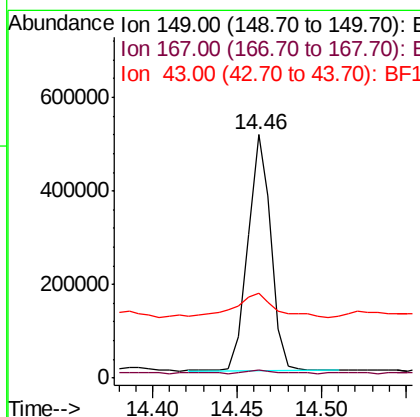
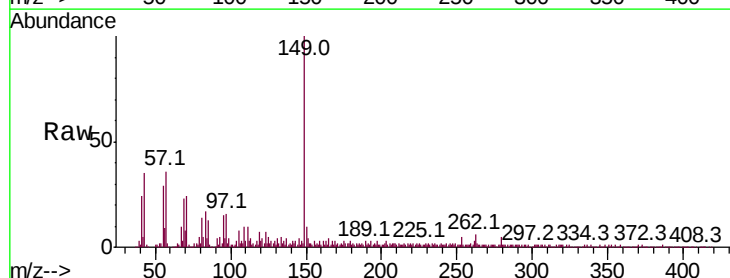
Manual Integrations
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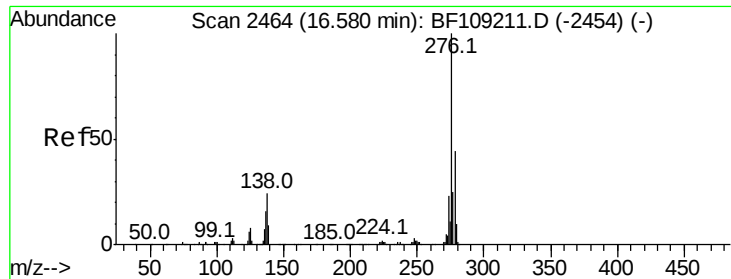
Sohil
 9/25/2018 9:57:34 AM



#84
 Di-n-octyl phthalate
 Concen: 38.280 ng
 RT: 14.46 min Scan# 2104
 Delta R.T. 0.02 min
 Lab File: BF109270.D
 Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	478742		
167	1.8	1.2	1.8#	
43	21.6	8.4	12.6#	





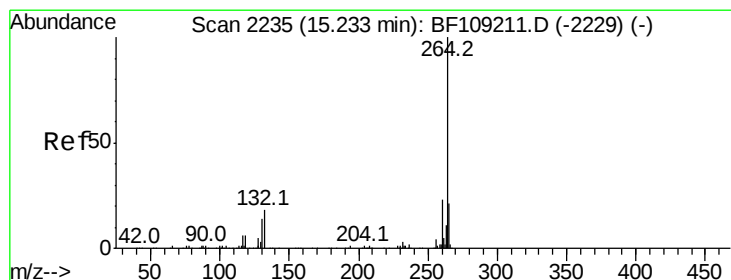
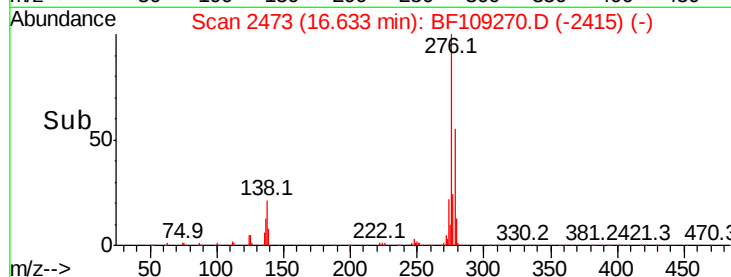
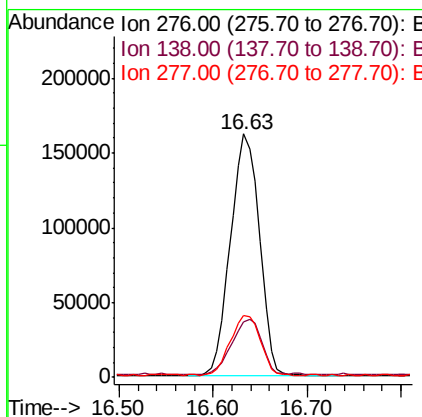
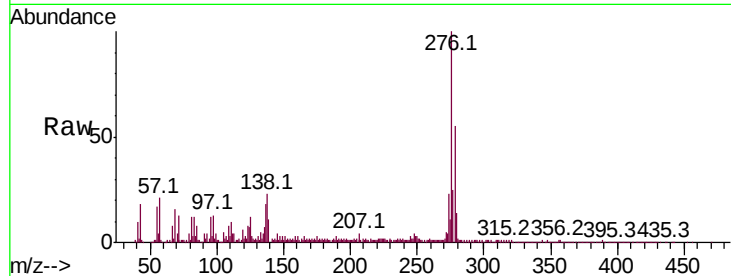
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.885 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.04 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.4	25.0	37.6#
277	25.2	20.1	30.1

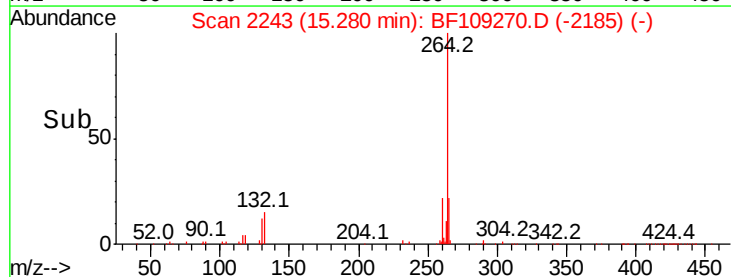
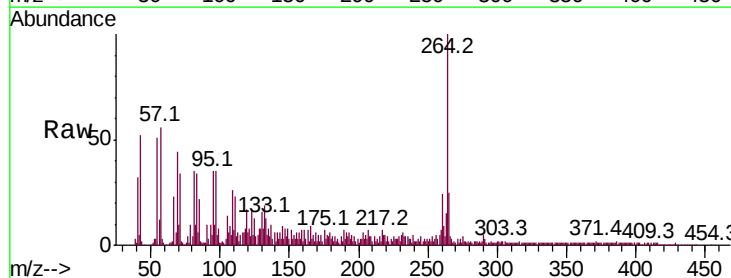
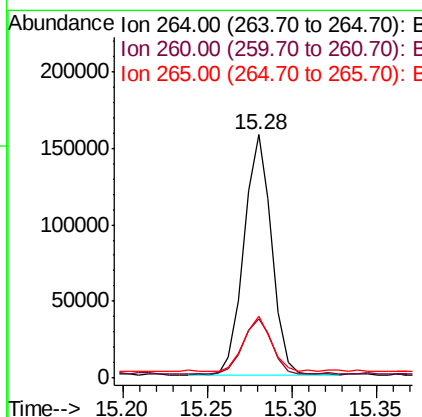
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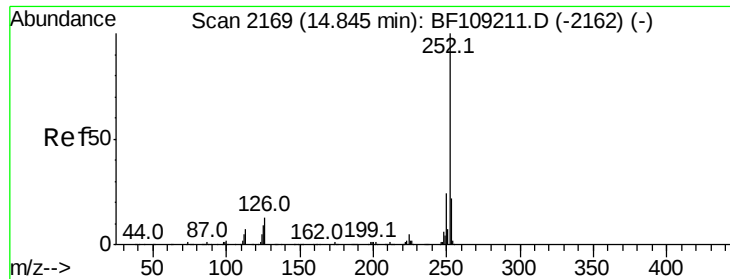
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.04 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	25.2	17.5	26.3





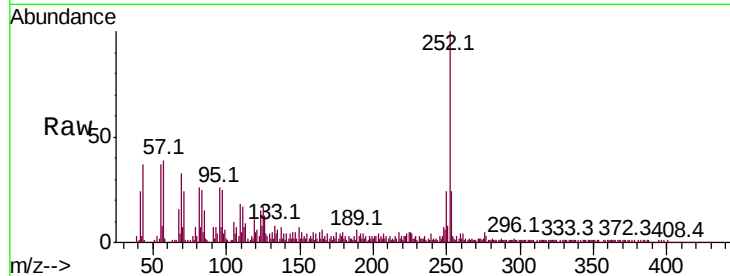
#87
Benzo(b)fluoranthene
Concen: 43.133 ng
RT: 14.89 min Scan# 2176
Delta R.T. 0.04 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	16.9	9.0	13.6

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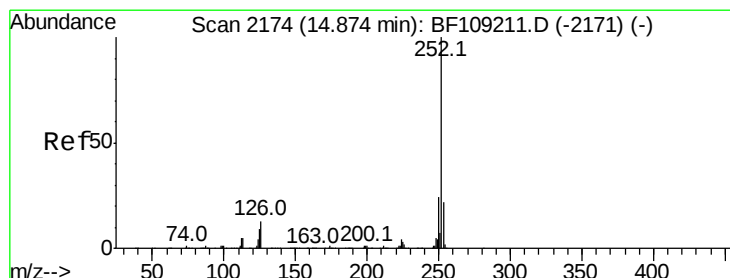
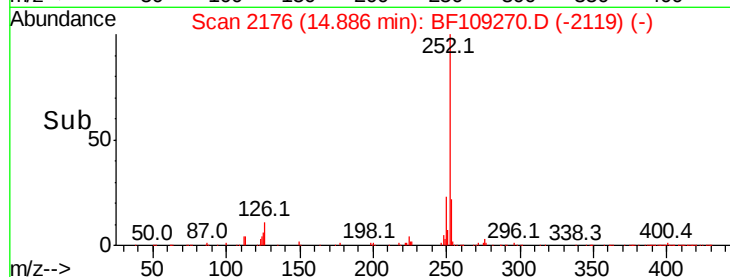
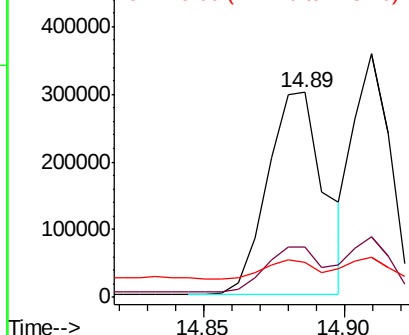


Abundance

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



#88
Benzo(k)fluoranthene
Concen: 34.762 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.03 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

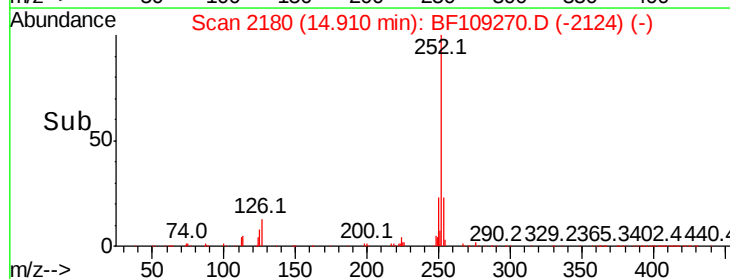
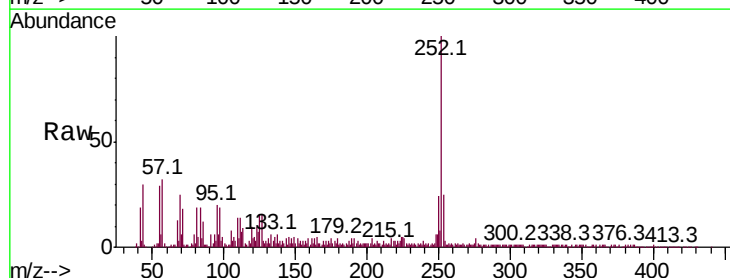
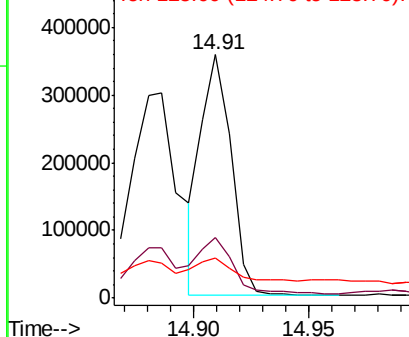
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.9	26.9
125	16.3	10.2	15.2

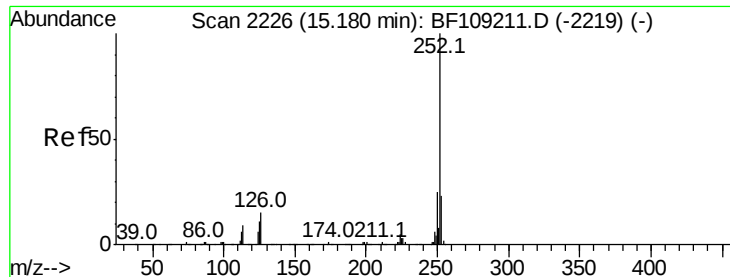
Abundance

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





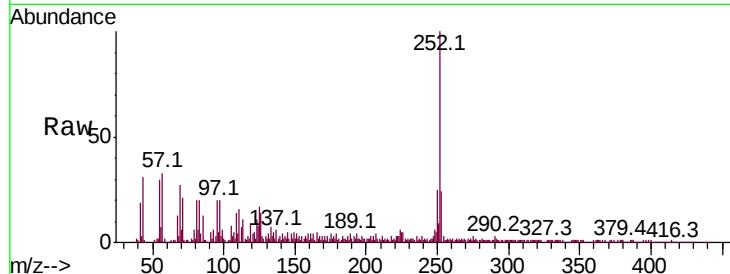
#89
Benzo(a)pyrene
Concen: 39.134 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.04 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

Instrument :
BNA_F
ClientSampleId :
RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	17.0	9.8	14.6

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9/25/2018 9:57:34 AM

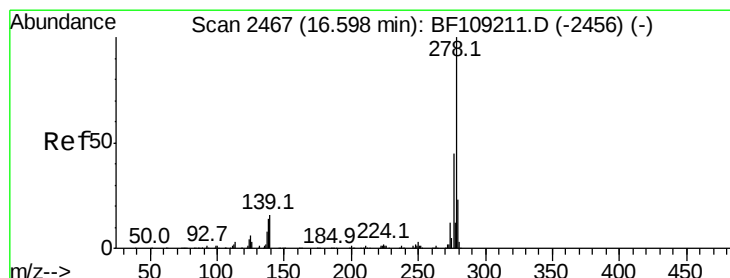
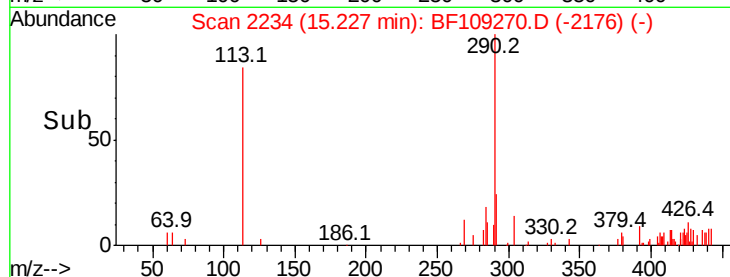
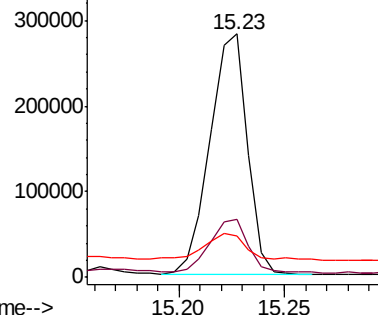


Abundance

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



#90
Dibenzo(a,h)anthracene
Concen: 40.824 ng
RT: 16.64 min Scan# 2475
Delta R.T. 0.04 min
Lab File: BF109270.D
Acq: 24 Sep 2018 16:26

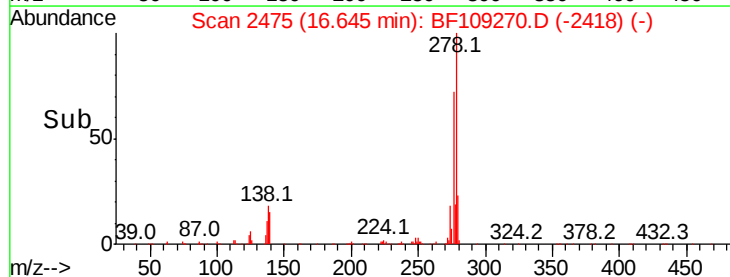
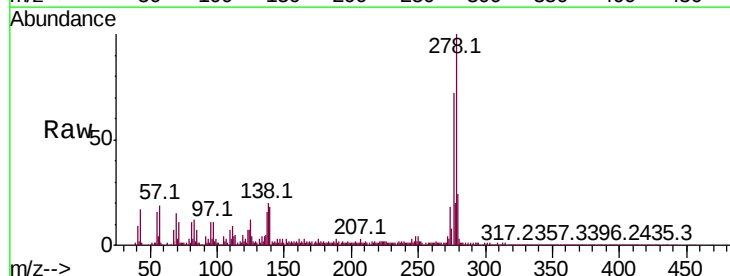
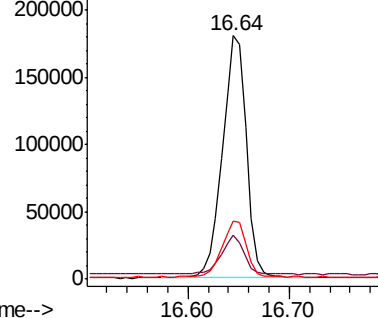
Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.9	23.9
279	23.9	19.0	28.4

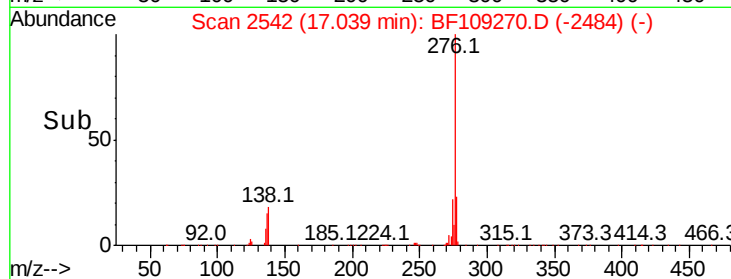
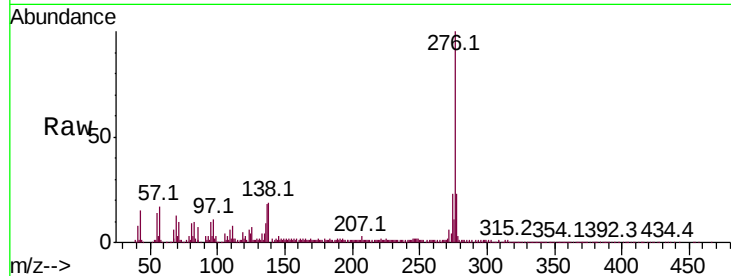
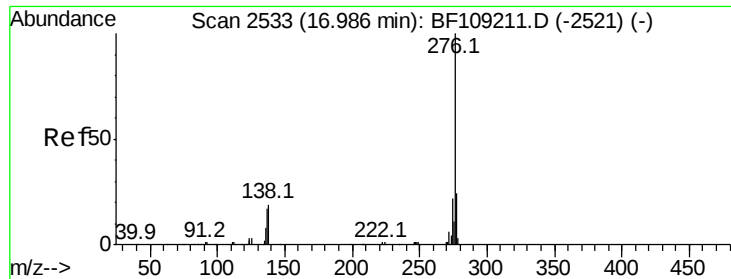
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.562 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.04 min

Lab File: BF109270.D

Acq: 24 Sep 2018 16:26

Instrument :

BNA_F

ClientSampleId :

RA-091918-SOUTHEX-NW-LOW-061

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	19.1	21.8	32.8

Manual Integrations
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