

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109440.D
 Acq On : 28 Sep 2018 19:51
 Operator : JU/SJ
 Sample : J5118-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MS

Manual Integrations
 APPROVED

Sohil
 10/1/2018 9:57:17 AM

Quant Time: Sep 29 04:59:16 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	104391	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	352550	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	138107	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	247602	20.00	ng	0.00
75) Chrysene-d12	13.85	240	174969	20.00	ng	0.00
86) Perylene-d12	15.26	264	145844	20.00	ng	0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	575098	90.74	ng	0.02
7) Phenol-d6	6.36	99	709516	87.73	ng	0.00
23) Nitrobenzene-d5	7.27	82	427805	71.63	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	129746	95.30	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	660227	72.10	ng	0.00
78) Terphenyl-d14	12.80	244	586169	82.22	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	83742	28.689	ng	93
3) Pyridine	3.15	79	227884	30.333	ng	92
4) n-Nitrosodimethylamine	3.07	42	110361	34.518	ng	# 98
6) Aniline	6.37	93	226567	21.897	ng	# 1
8) 2-Chlorophenol	6.50	128	216010	30.648	ng	97
9) Benzaldehyde	6.25	77	117401	22.597	ng	98
10) Phenol	6.37	94	305036	33.305	ng	73
11) bis(2-Chloroethyl)ether	6.45	93	217406	30.336	ng	98
12) 1,3-Dichlorobenzene	6.65	146	242622	29.899	ng	98
13) 1,4-Dichlorobenzene	6.73	146	245091	29.980	ng	99
14) 1,2-Dichlorobenzene	6.88	146	222310	29.478	ng	99
15) Benzyl Alcohol	6.86	79	185451	29.957	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	292372	28.761	ng	94
17) 2-Methylphenol	6.97	107	171250	30.029	ng	96
18) Hexachloroethane	7.22	117	65750	22.828	ng	99
19) n-Nitroso-di-n-propylamine	7.13	70	152722	28.819	ng	99
20) 3+4-Methylphenols	7.13	107	208616	30.299	ng	# 84
22) Acetophenone	7.12	105	295746	36.284	ng	96
24) Nitrobenzene	7.29	77	220011	34.647	ng	98
25) Isophorone	7.53	82	397657	36.976	ng	98
26) 2-Nitrophenol	7.61	139	73345	29.206	ng	95
27) 2,4-Dimethylphenol	7.66	122	179204	38.242	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	254136	35.698	ng	99
29) 2,4-Dichlorophenol	7.86	162	159192	32.334	ng	96
30) 1,2,4-Trichlorobenzene	7.94	180	173104	31.465	ng	95
31) Naphthalene	8.02	128	562995	34.174	ng	99
32) Benzoic acid	7.79	122	3754m	7.809	ng	
33) 4-Chloroaniline	8.06	127	175020	24.318	ng	98
34) Hexachlorobutadiene	8.14	225	107653	32.460	ng	98
35) Caprolactam	8.42	113	45642	29.037	ng	# 80
36) 4-Chloro-3-methylphenol	8.55	107	153596	29.647	ng	98
37) 2-Methylnaphthalene	8.70	142	350334	32.987	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	156900	35.697	ng	97
40) Hexachlorocyclopentadiene	8.86	237	9624	5.020	ng	99

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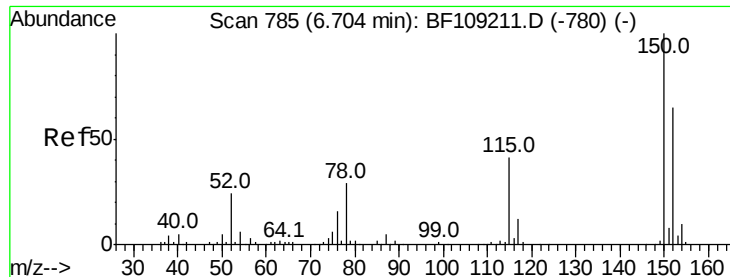
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	100240	35.534	nq	98
43) 2,4,5-Trichlorophenol	9.03	196	102209	34.306	nq	97
45) 1,1'-Biphenyl	9.17	154	396556	35.242	nq	98
46) 2-Chloronaphthalene	9.19	162	297625	33.109	nq	97
47) 2-Nitroaniline	9.29	65	104301	40.924	nq	98
48) Acenaphthylene	9.60	152	458162	33.785	nq	99
49) Dimethylphthalate	9.47	163	456702	45.466	nq	98
50) 2,6-Dinitrotoluene	9.53	165	58300	29.305	nq	95
51) Acenaphthene	9.77	154	263610	32.151	nq	100
52) 3-Nitroaniline	9.69	138	93215	40.459	nq	97
54) Dibenzofuran	9.95	168	386360	31.686	nq	97
55) 4-Nitrophenol	9.86	139	100708	58.026	nq	98
56) 2,4-Dinitrotoluene	9.93	165	66213	26.304	nq	# 99
57) Fluorene	10.29	166	293139	33.694	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	78647	33.340	nq	89
59) Diethylphthalate	10.16	149	337953	33.224	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	139307	30.657	nq	97
61) 4-Nitroaniline	10.30	138	91974	40.935	nq	97
62) Azobenzene	10.44	77	300758	28.458	nq	96
64) 4,6-Dinitro-2-methylphenol	10.35	198	344	6.820	nq	# 53
65) n-Nitrosodiphenylamine	10.40	169	277470	33.918	nq	95
66) 4-Bromophenyl-phenylether	10.77	248	88135	32.055	nq	# 86
67) Hexachlorobenzene	10.84	284	92711	31.749	nq	92
68) Atrazine	10.93	200	88816	35.301	nq	97
69) Pentachlorophenol	11.03	266	90048	51.522	nq	99
70) Phenanthrene	11.25	178	459985	37.207	nq	99
71) Anthracene	11.30	178	448672	35.782	nq	99
72) Carbazole	11.45	167	415221	33.282	nq	99
73) Di-n-butylphthalate	11.79	149	496983	34.603	nq	99
74) Fluoranthene	12.43	202	507975	38.449	nq	97
76) Benzidine	12.54	184	271303	43.006	nq	99
77) Pyrene	12.66	202	496416	39.587	nq	100
79) Butylbenzylphthalate	13.27	149	205262	38.475	nq	94
80) Benzo(a)anthracene	13.84	228	355589	33.741	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	130729	32.640	nq	# 98
82) Chrysene	13.87	228	345226	33.050	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	272436	40.492	nq	96
84) Di-n-octyl phthalate	14.45	149	438084	38.081	nq	99
85) Indeno(1,2,3-cd)pyrene	16.62	276	264260	31.211	nq	# 91
87) Benzo(b)fluoranthene	14.86	252	275071	34.324	nq	99
88) Benzo(k)fluoranthene	14.89	252	267834m	35.220	nq	
89) Benzo(a)pyrene	15.20	252	252483	34.964	nq	99
90) Dibenzo(a,h)anthracene	16.63	278	214976	36.287	nq	# 95
91) Benzo(g,h,i)perylene	17.03	276	205989	35.378	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

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BNA_F

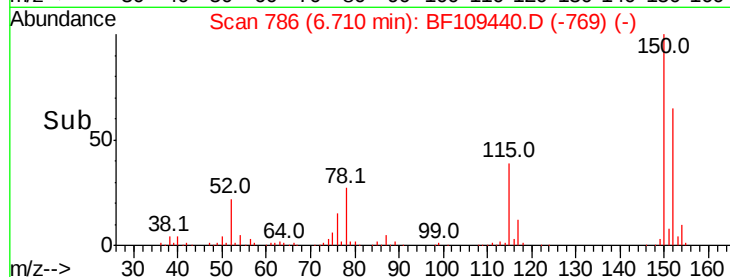
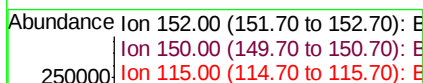
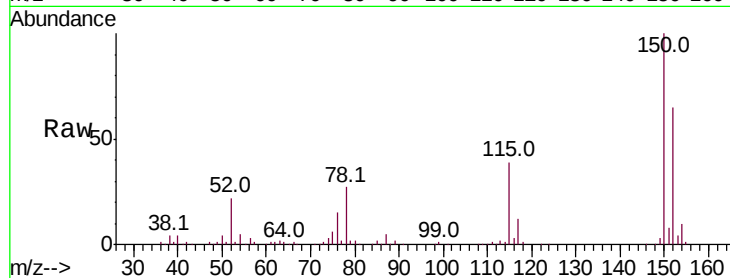
ClientSampleId :

RA-092518-USTEXC-NW-L-063MS

Tot Ion:	152	Resp:	104391
Ion Ratio	Lower	Upper	
152	100		
150	154.8	124.6	186.8
115	60.1	50.1	75.1

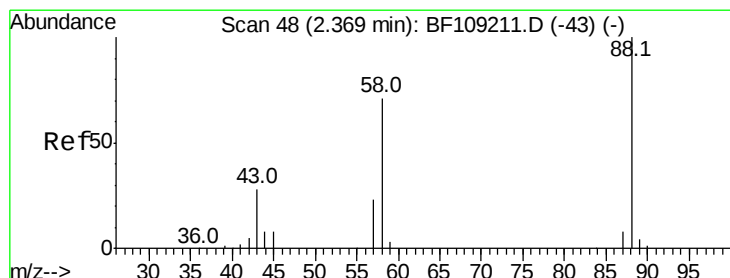
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#2

1,4-Dioxane

Concen: 28.689 ng

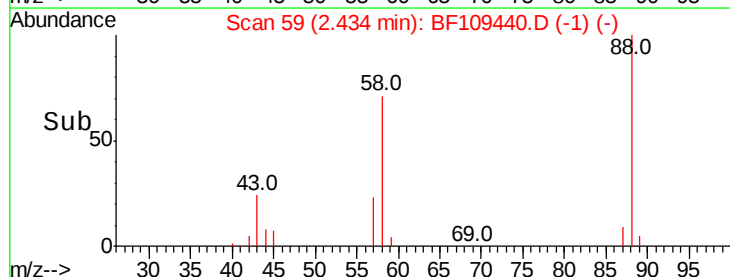
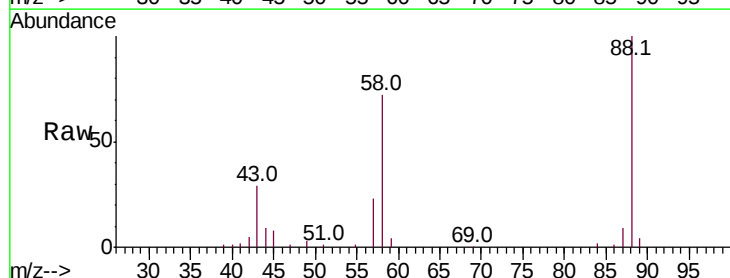
RT: 2.43 min Scan# 59

Delta R.T. 0.06 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Tgt Ion:	88	Resp:	83742
Ion Ratio	Lower	Upper	
88	100		
58	70.7	62.6	93.8
43	28.5	24.6	37.0





#3

Pvridine

Concen: 30.333 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.08 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Instrument :

BNA_F

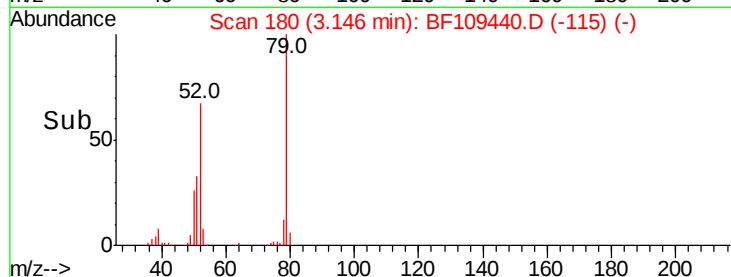
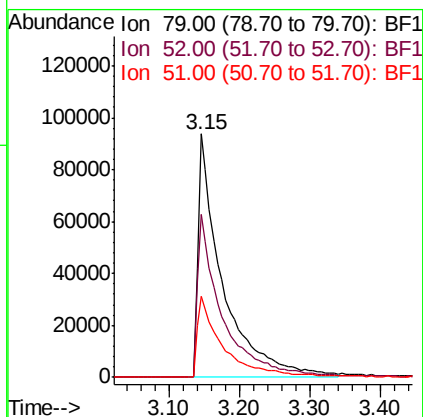
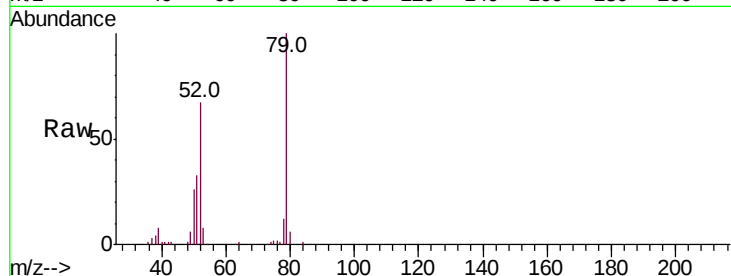
ClientSampleId :

RA-092518-USTEXC-NW-L-063MS

Tot Ion	79	Resp	227884
Ion Ratio	Lower	Upper	
79	100		
52	67.0	59.8	89.6
51	33.2	29.8	44.8

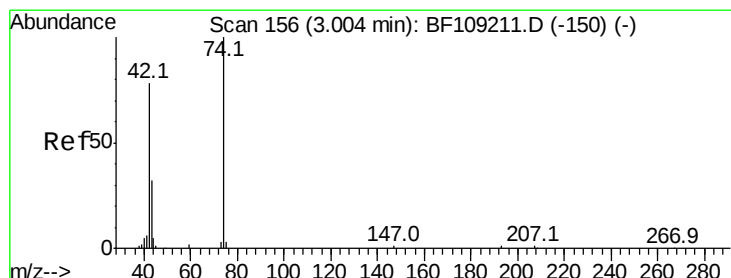
Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.518 ng

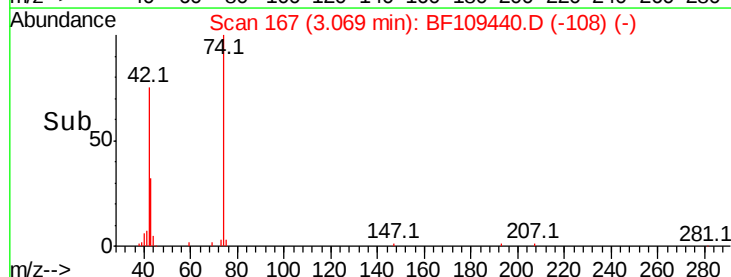
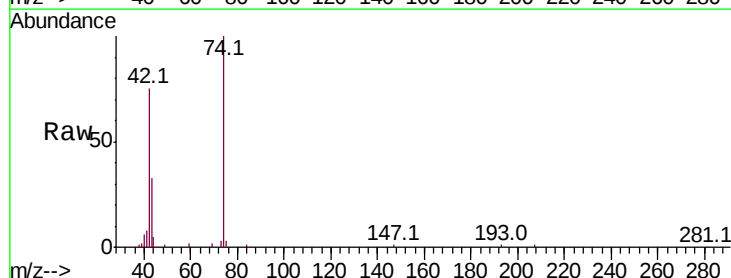
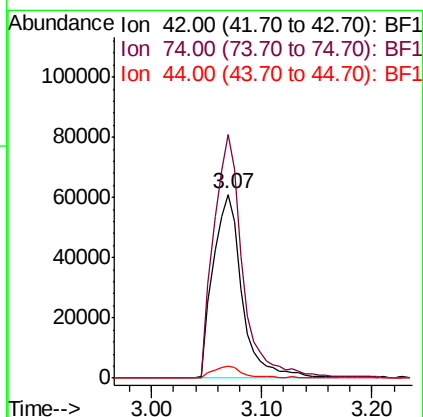
RT: 3.07 min Scan# 167

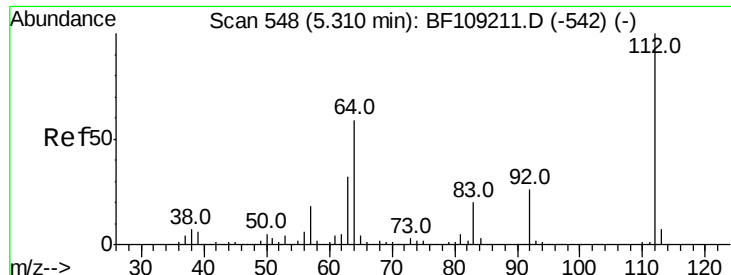
Delta R.T. 0.05 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Tgt Ion	42	Resp	110361
Ion Ratio	Lower	Upper	
42	100		
74	132.7	104.9	157.3
44	6.3	6.9	10.3#





#5

2-Fluorophenol

Concen: 90.739 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Instrument :

BNA_F

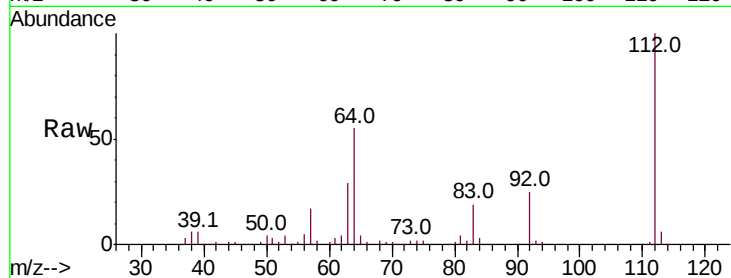
ClientSampleId :

RA-092518-USTEXC-NW-L-063MS

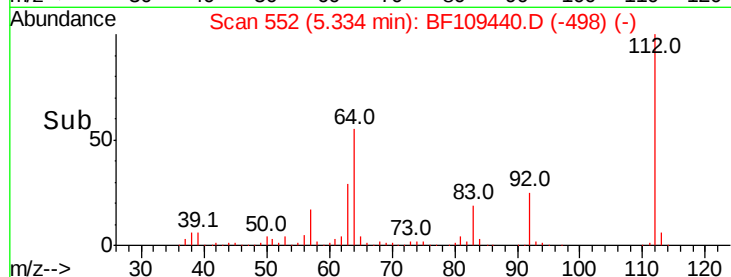
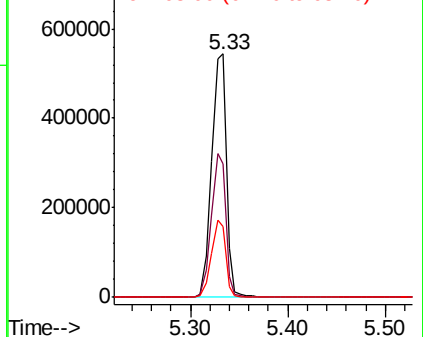
Tot Ion:	112	Resp:	575098
Ion Ratio	Lower	Upper	
112	100		
64	54.9	47.9	71.9
63	28.9	23.7	35.5

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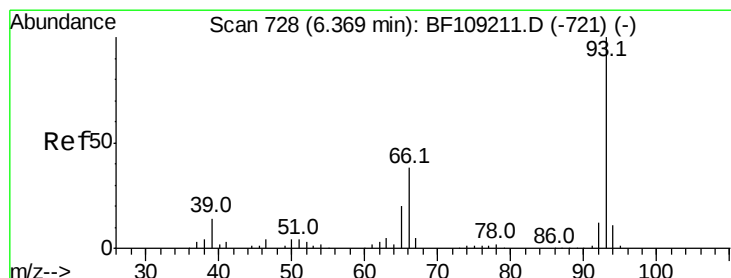


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



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#6

Aniline

Concen: 21.897 ng

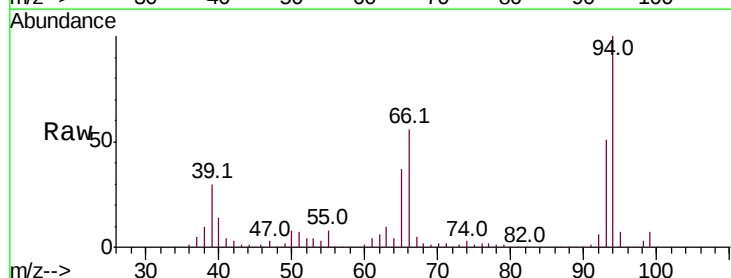
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

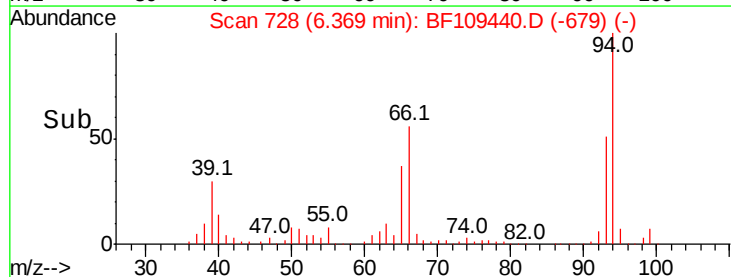
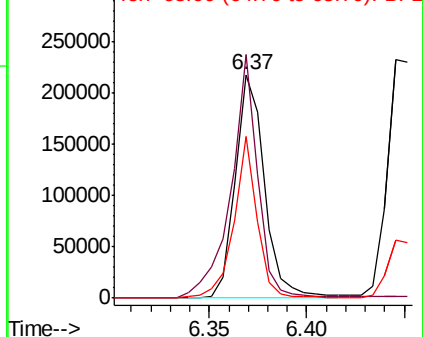
Lab File: BF109440.D

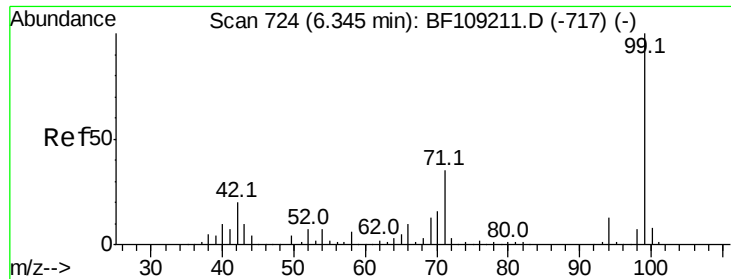
Acq: 28 Sep 2018 19:51

Tgt Ion:	93	Resp:	226567
Ion Ratio	Lower	Upper	
93	100		
66	109.1	32.2	48.2#
65	72.4	16.4	24.6#



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





#7

Phenol-d6

Concen: 87.730 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Instrument :

BNA_F

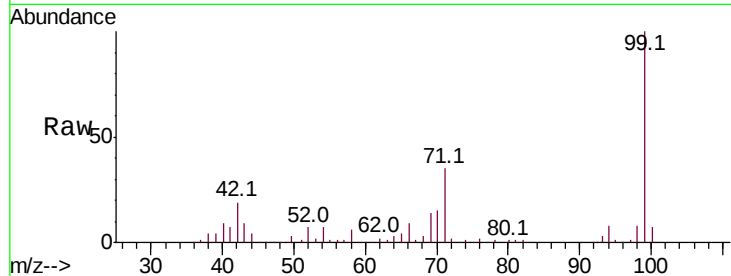
ClientSampleId :

RA-092518-USTEXC-NW-L-063MS

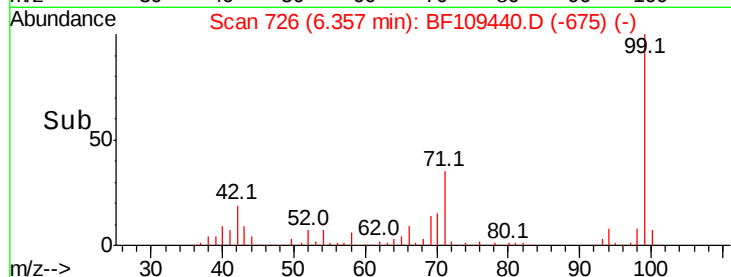
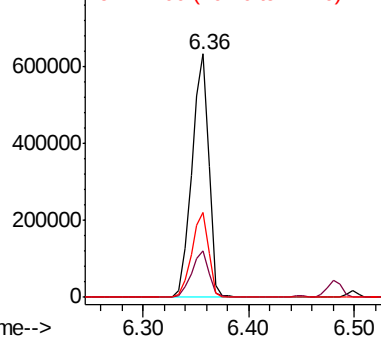
Tot Ion:	99	Resp:	709516
Ion Ratio	Lower	Upper	
99	100		
42	19.3	14.5	21.7
71	35.1	25.4	38.0

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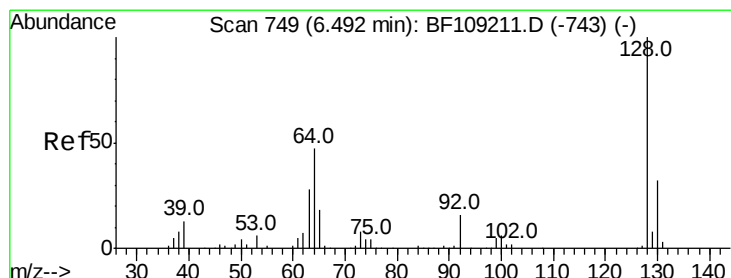


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 30.648 ng

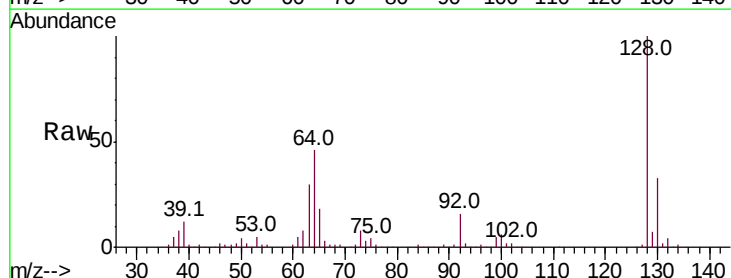
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

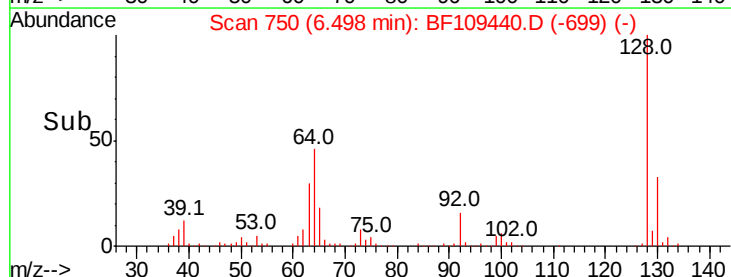
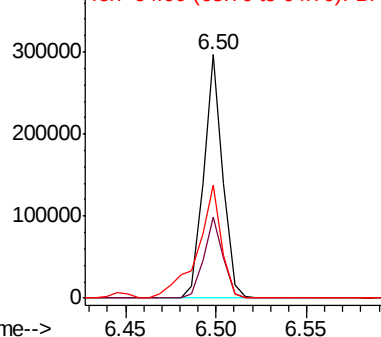
Lab File: BF109440.D

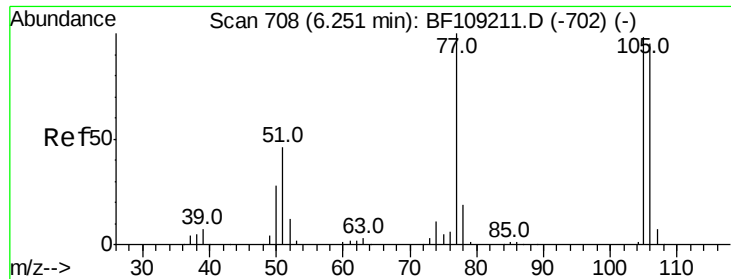
Acq: 28 Sep 2018 19:51

Tgt Ion:	128	Resp:	216010
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.0	53.0
64	46.3	29.4	69.4



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





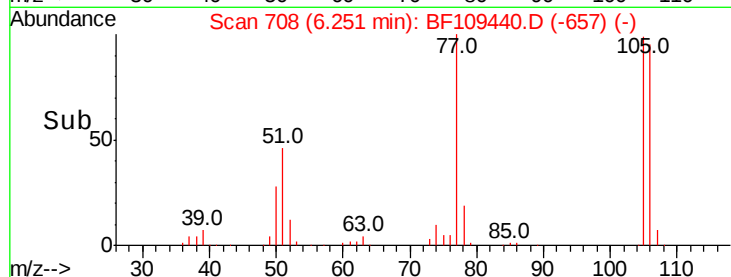
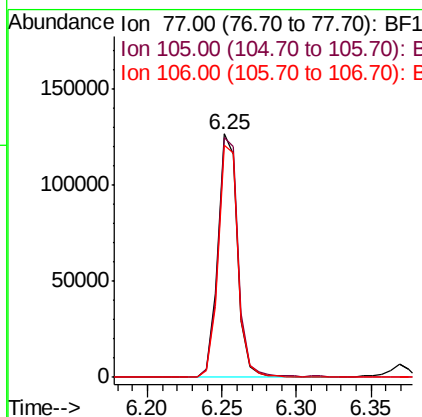
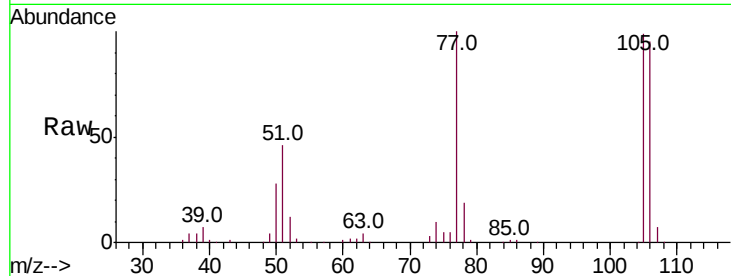
#9
Benzaldehyde
Concen: 22.597 ng
RT: 6.25 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF109440.D
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Instrument :
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ClientSampleId :
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Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	98.5	81.1	121.1	
106	95.2	74.5	114.5	

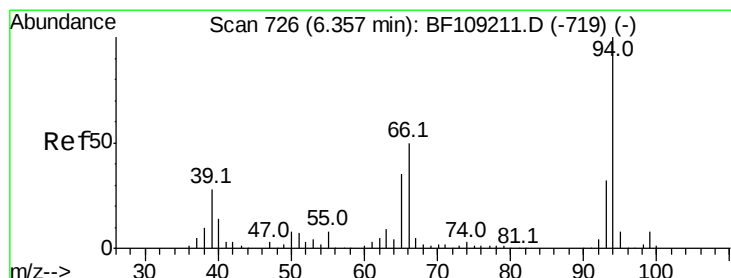
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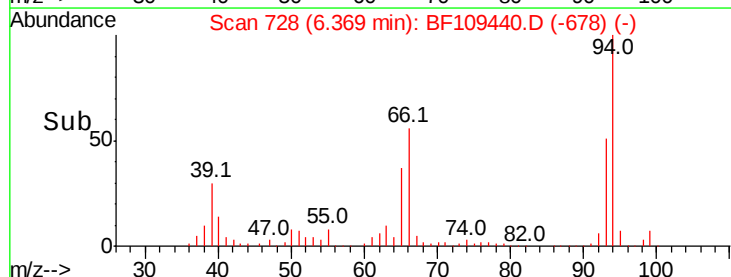
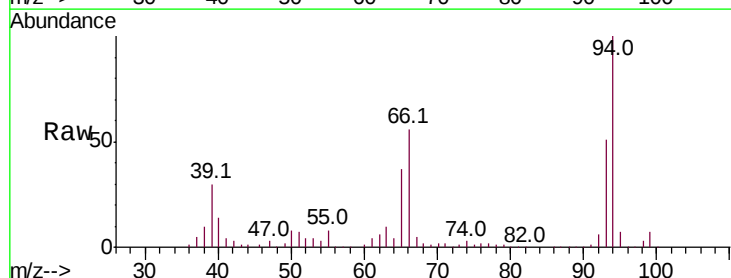
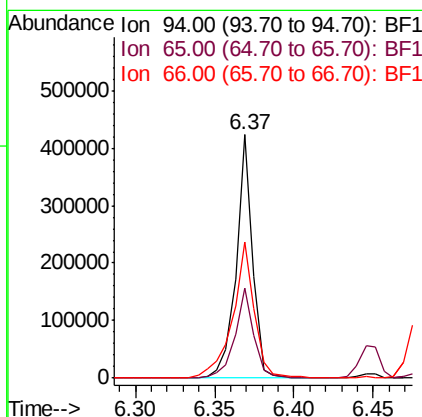
Sohil

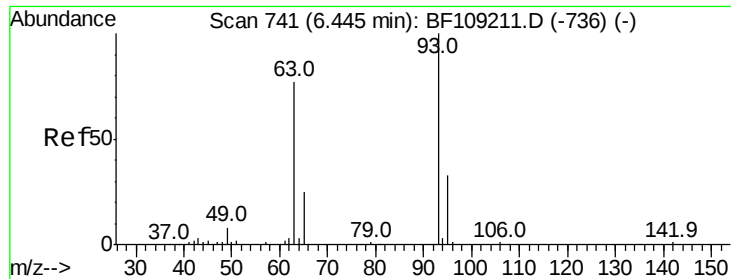
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#10
Phenol
Concen: 33.305 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	37.2	7.9	47.9	
66	56.0	16.2	56.2	





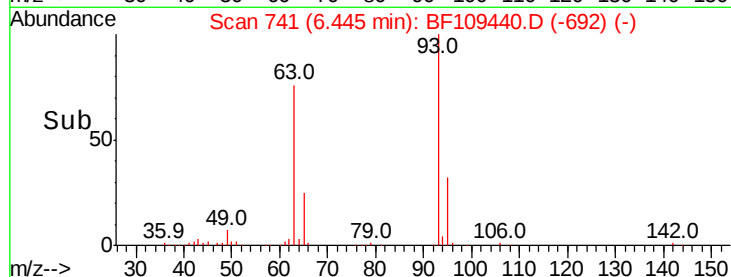
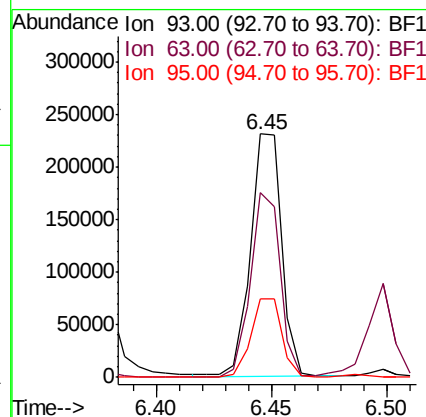
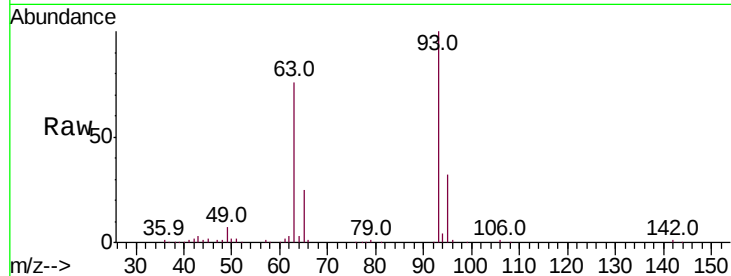
#11
 bis(2-Chloroethyl)ether
 Concen: 30.336 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MS

Tot Ion:	93	Resp:	217406
Ion Ratio	Lower	Upper	
93	100		
63	76.1	58.6	98.6
95	32.3	11.8	51.8

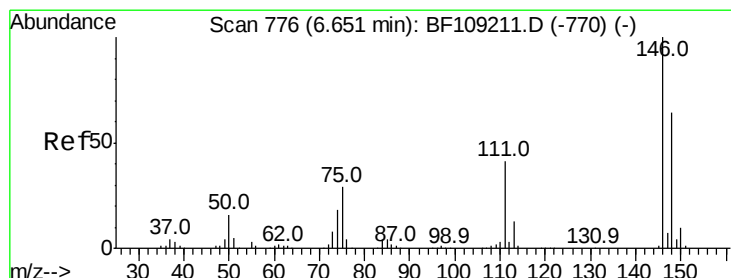
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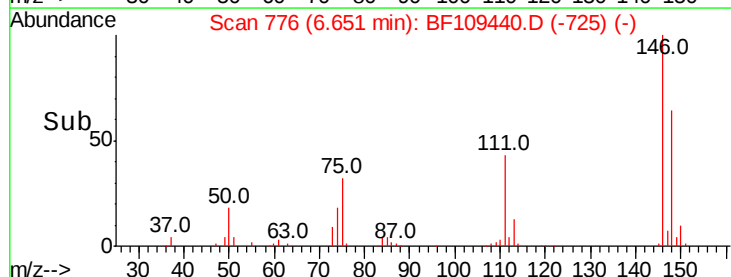
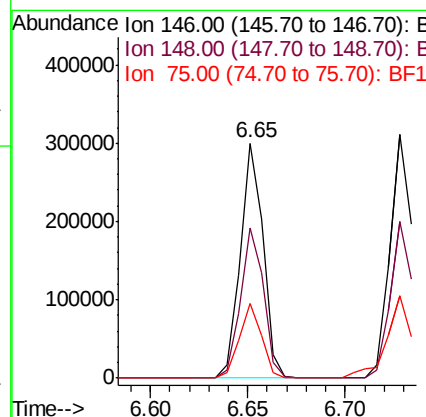
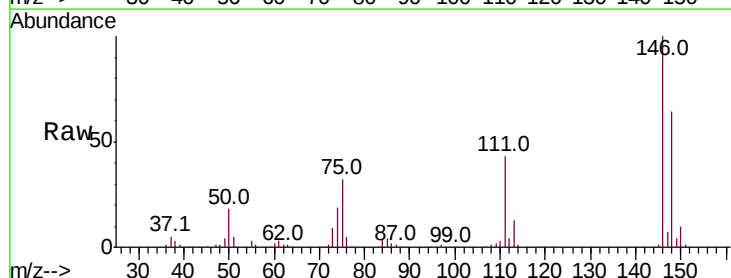
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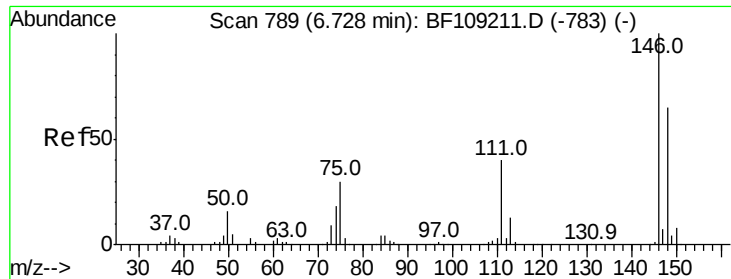
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#12
 1,3-Dichlorobenzene
 Concen: 29.899 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Tgt Ion:	146	Resp:	242622
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.8
75	32.0	24.2	36.4





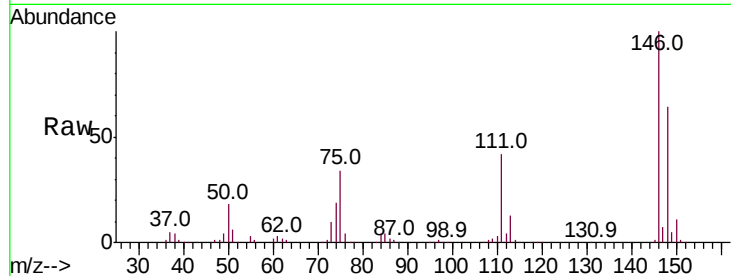
#13
 1,4-Dichlorobenzene
 Concen: 29.980 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.8	76.2
111	42.1	34.2	51.2

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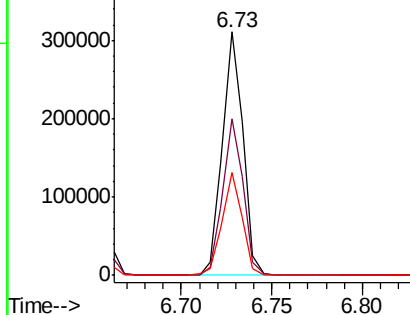


Abundance

Ion 146.00 (145.70 to 146.70): E

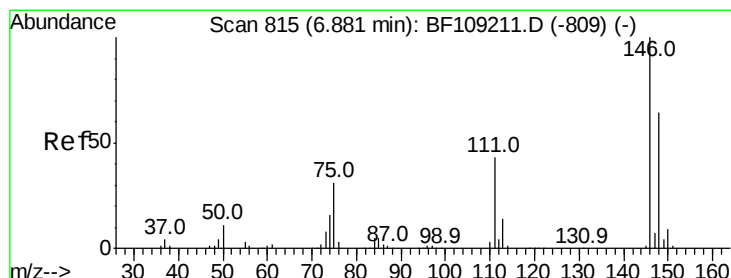
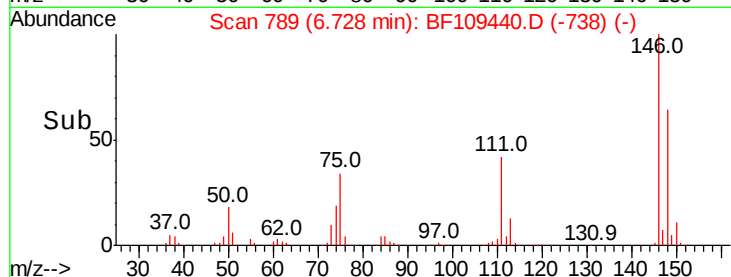
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



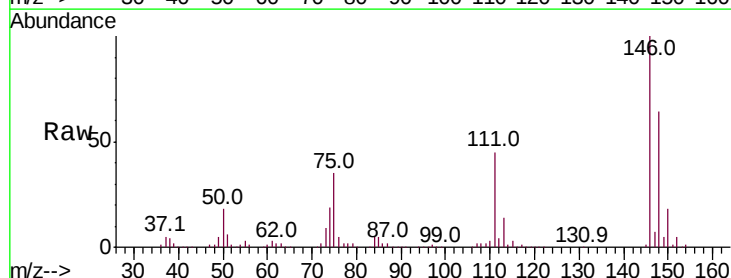
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#14
 1,2-Dichlorobenzene
 Concen: 29.478 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.6	75.8
111	44.6	36.0	54.0

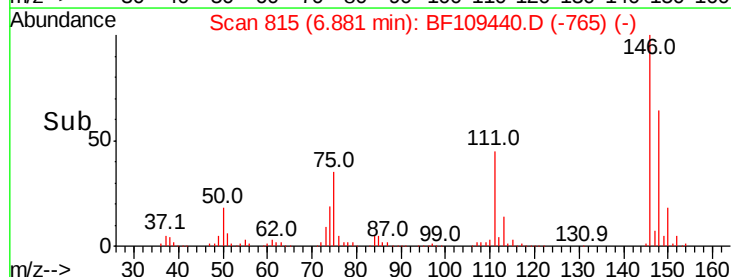
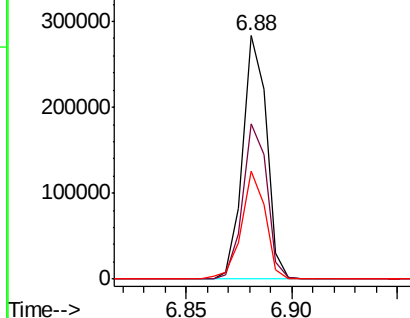


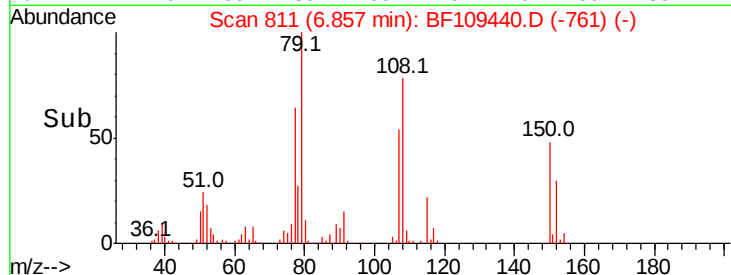
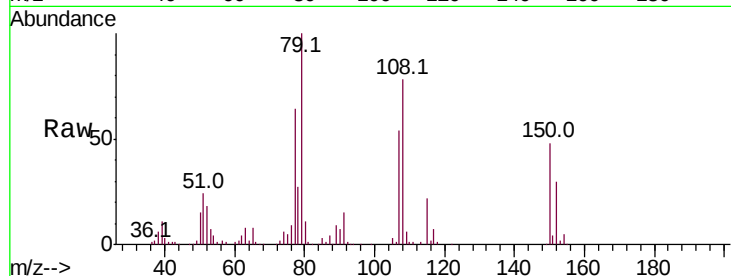
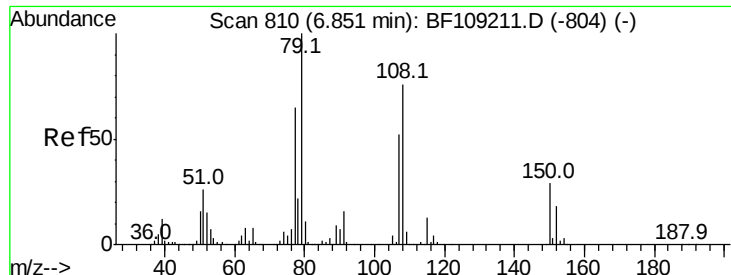
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





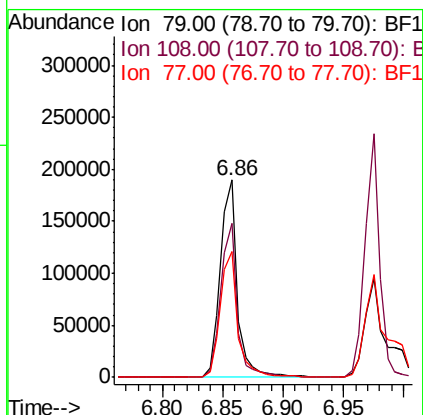
#15
Benzyl Alcohol
Concen: 29.957 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tot Ion	79	108	77
Ratio	100	78.2	63.7
Lower		65.1	50.6
Upper		97.7	75.8

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

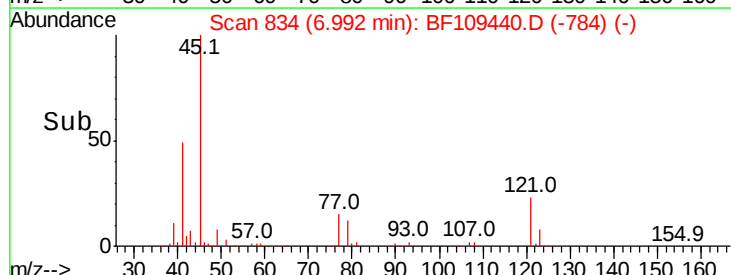
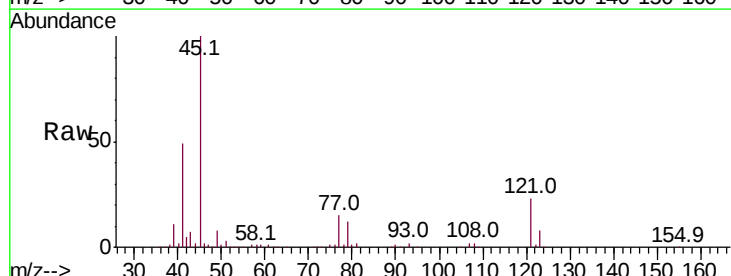
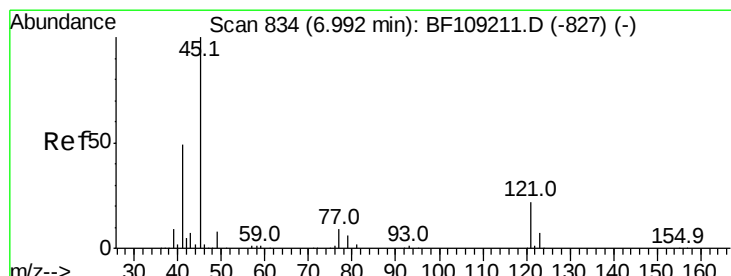
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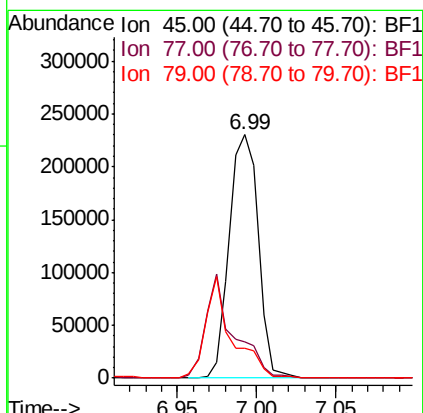
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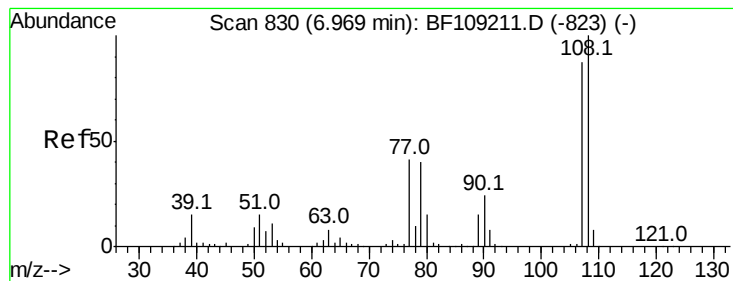
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.761 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	45	77	79
Ratio	100	15.1	12.3
Lower		0.0	0.0
Upper		32.9	29.6





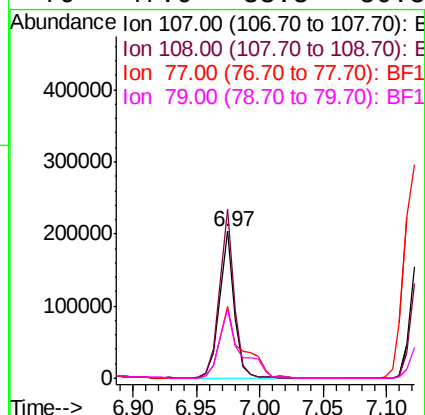
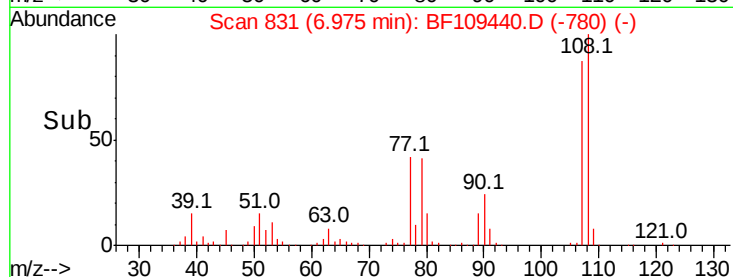
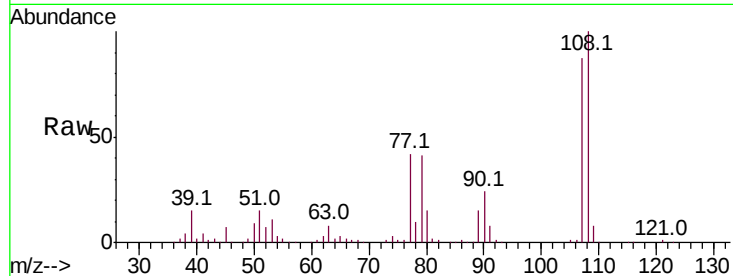
#17
2-Methylphenol
Concen: 30.029 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.1	91.7	137.5	
77	48.5	33.8	50.8	
79	47.0	33.8	50.8	

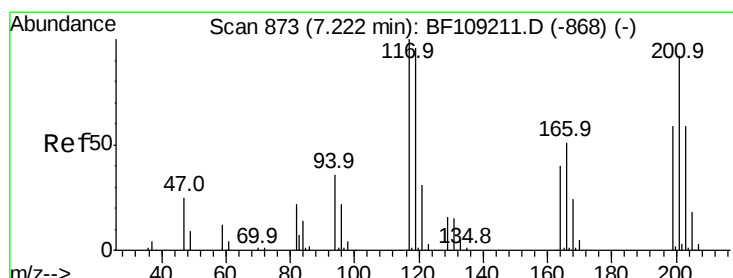
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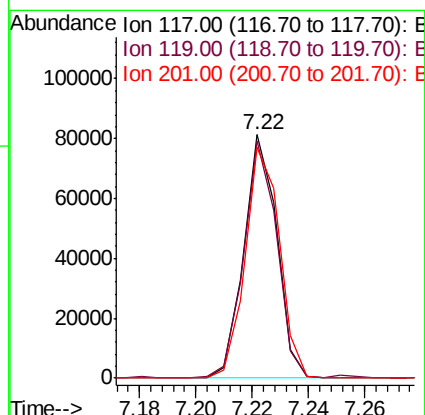
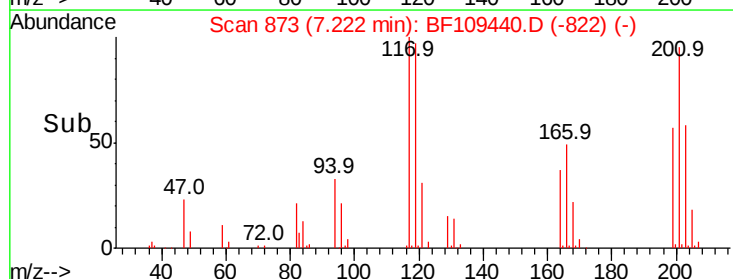
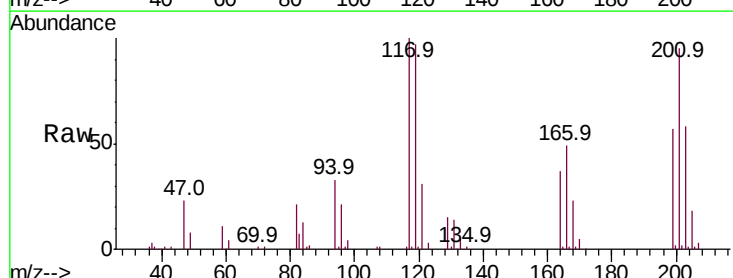
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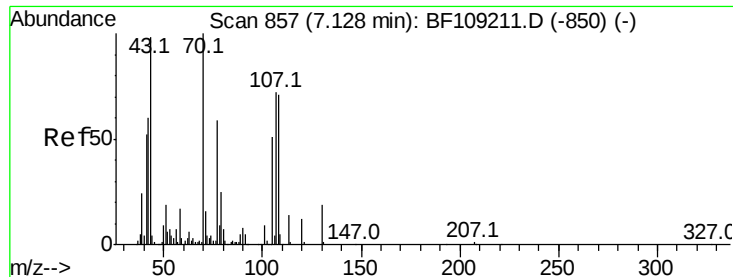
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#18
Hexachloroethane
Concen: 22.828 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.8	113.8	
201	94.8	75.7	113.5	





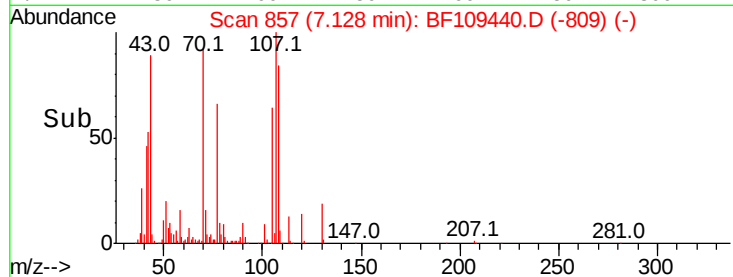
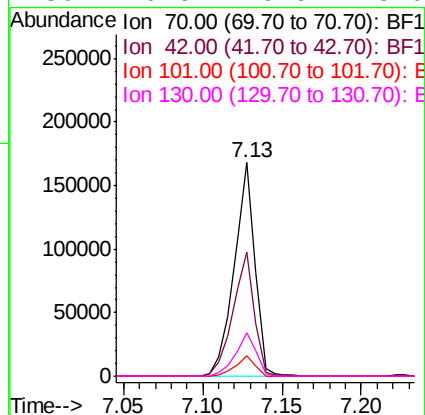
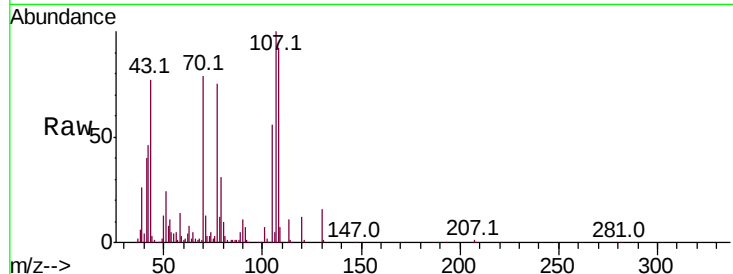
#19
n-Nitroso-di-n-propylamine
Concen: 28.819 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	58.0		47.5	71.3	
101	9.3		7.4	11.2	
130	20.6		16.6	25.0	

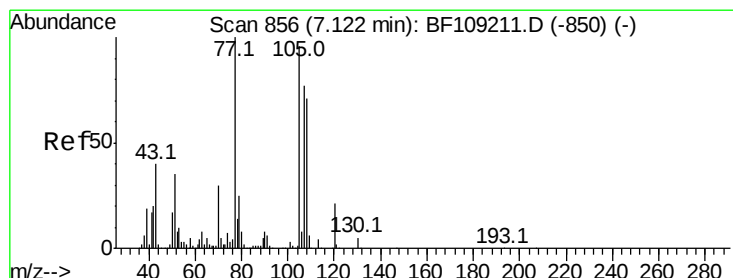
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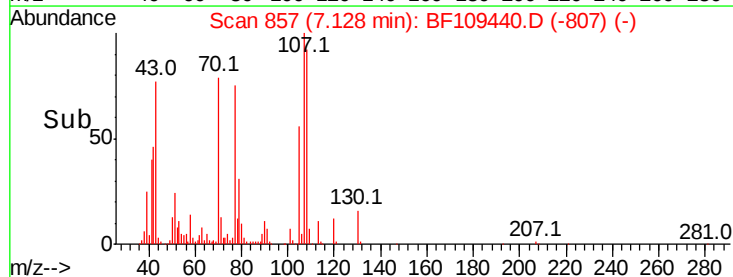
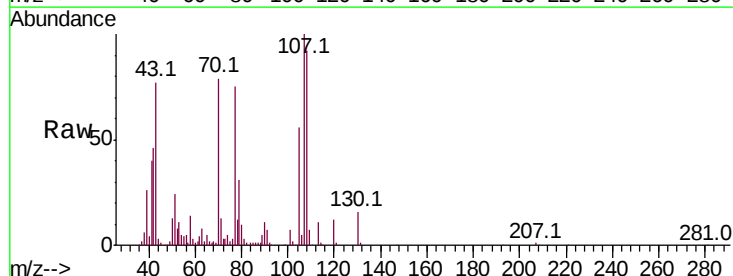
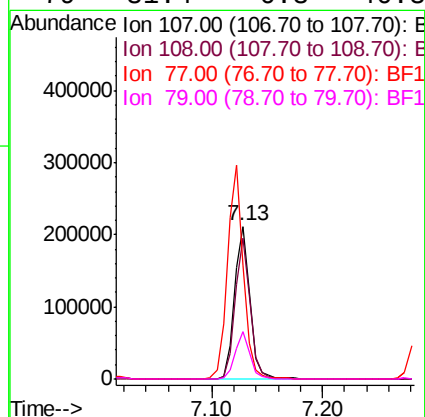
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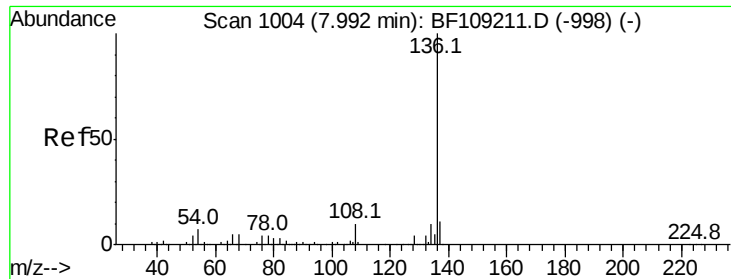
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#20
3+4-Methylphenols
Concen: 30.299 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.9		68.2	108.2	
77	74.6		26.7	66.7#	
79	31.4		6.3	46.3	





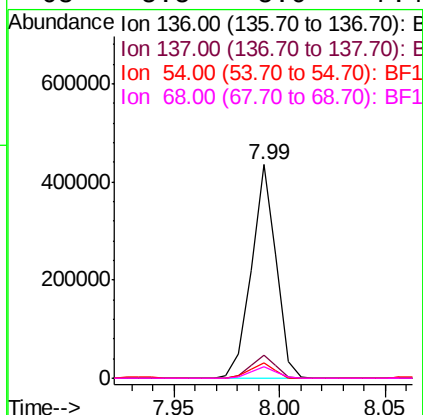
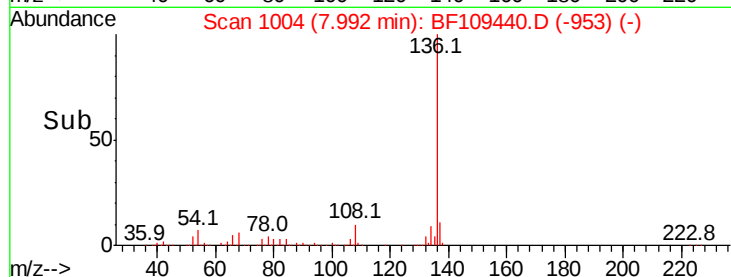
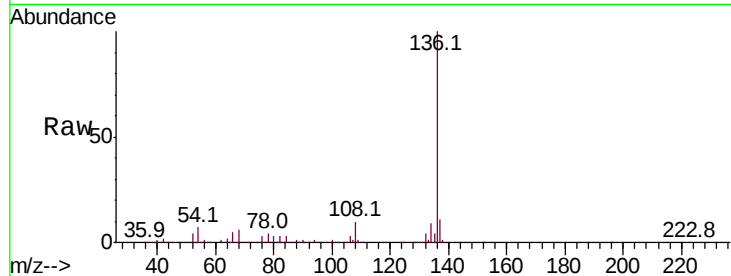
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.3	6.6	9.8	
68	5.5	5.0	7.4	

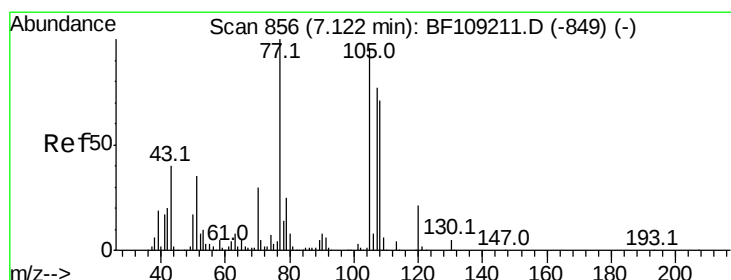
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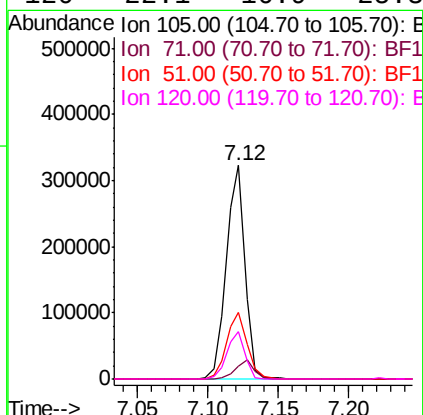
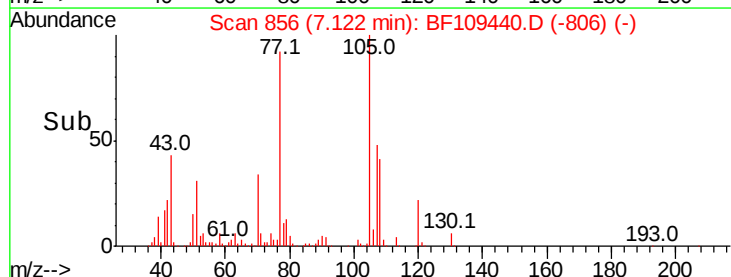
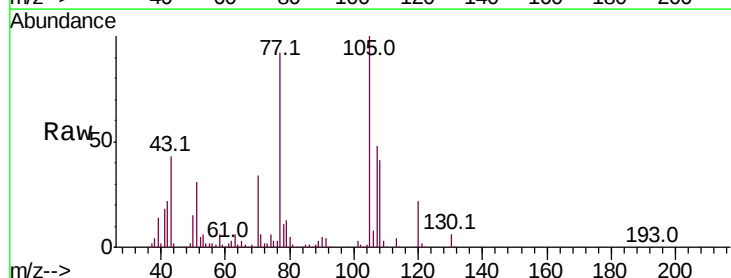
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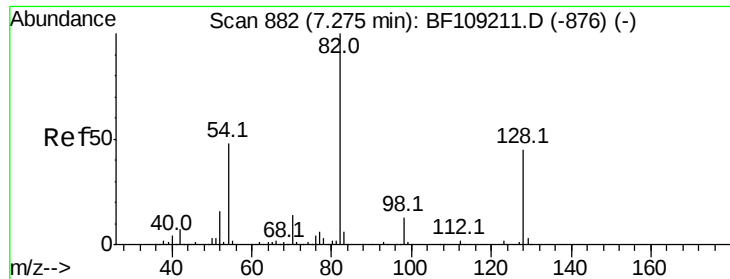
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#22
Acetophenone
Concen: 36.284 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.8	4.4	6.6	
51	31.2	22.3	33.5	
120	22.1	16.9	25.3	





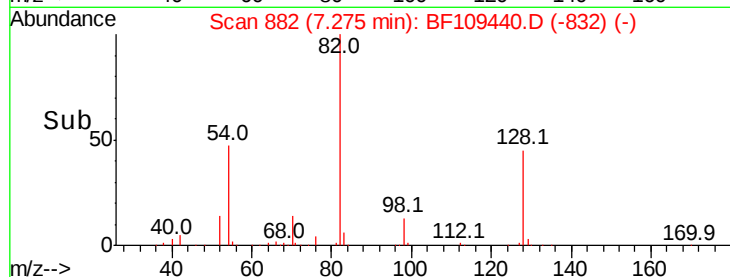
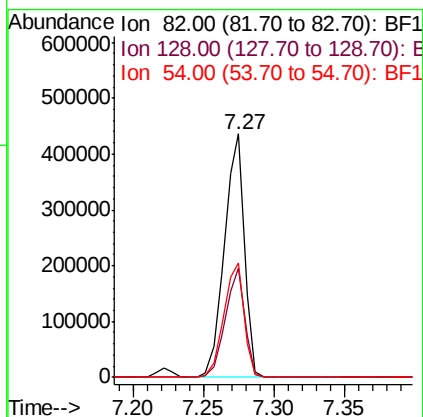
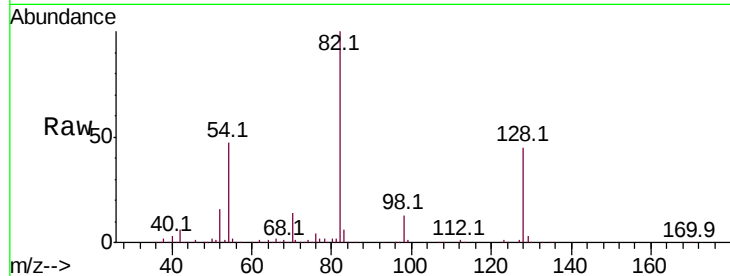
#23
 Nitrobenzene-d5
 Concen: 71.632 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MS

Tot Ion:	82	Resp:	427805
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.1	54.1
54	47.2	41.4	62.2

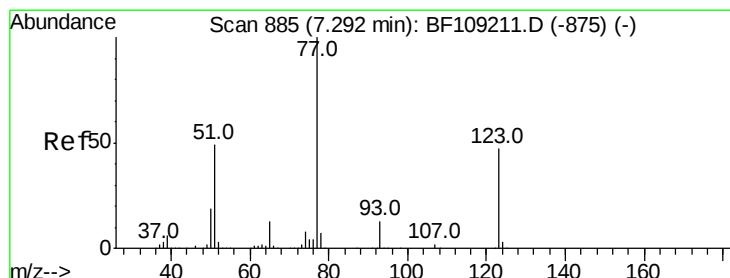
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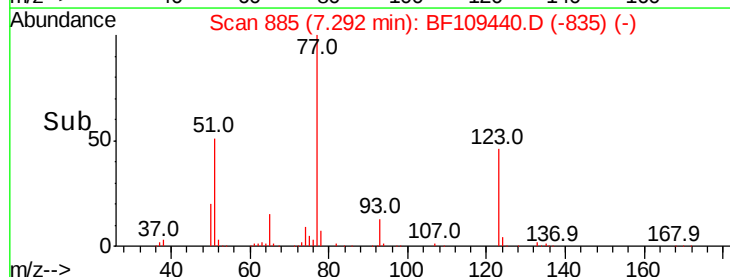
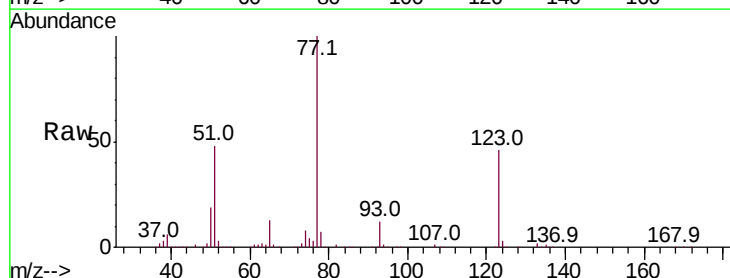
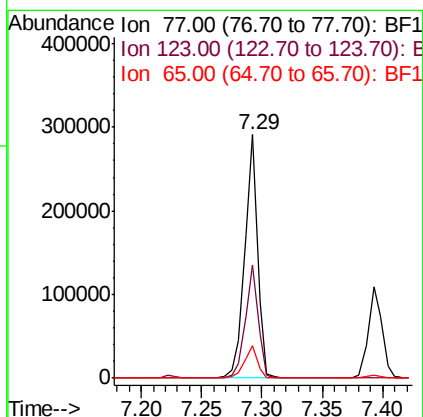
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#24
 Nitrobenzene
 Concen: 34.647 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Tgt Ion:	77	Resp:	220011
Ion Ratio	Lower	Upper	
77	100		
123	46.3	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 36.976 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Instrument :

BNA_F

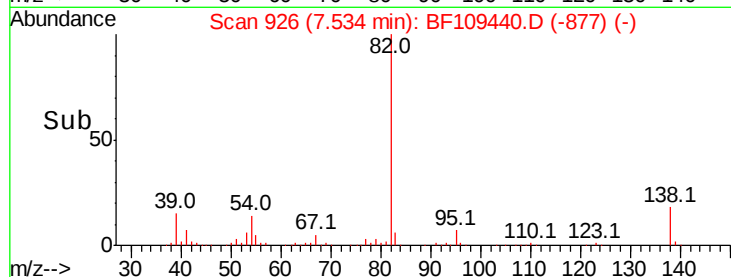
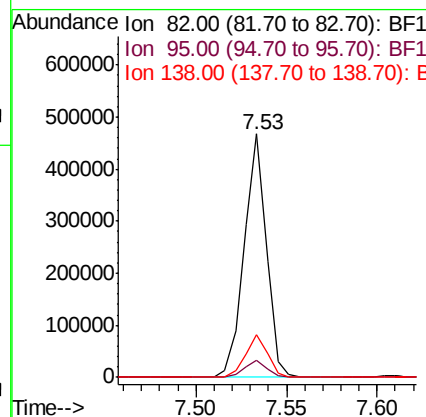
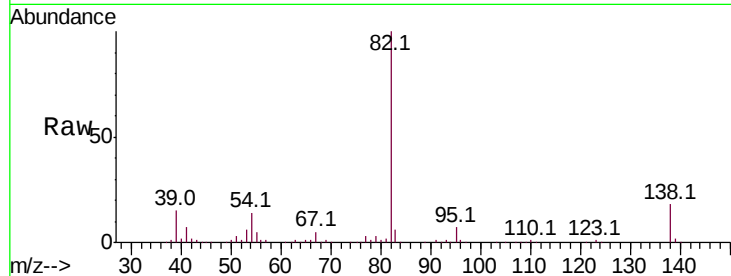
ClientSampleId :

RA-092518-USTEXC-NW-L-063MS

Tot Ion:	82	Resp:	397657
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	17.5	14.9	22.3

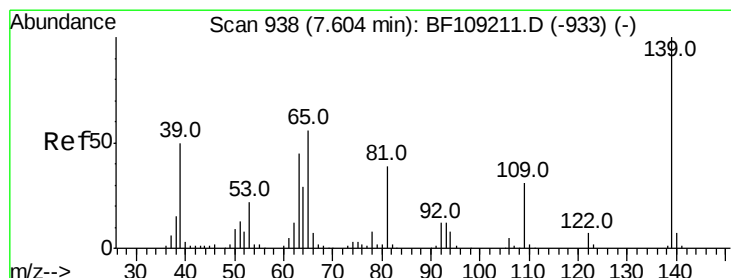
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#26

2-Nitrophenol

Concen: 29.206 ng

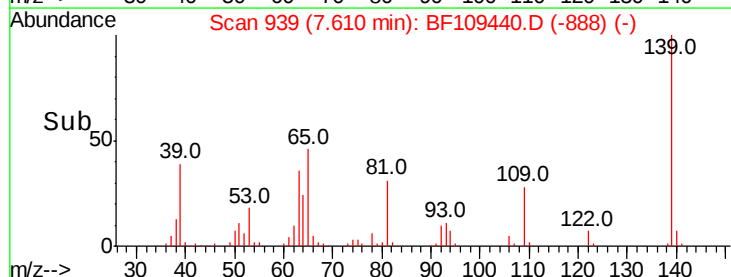
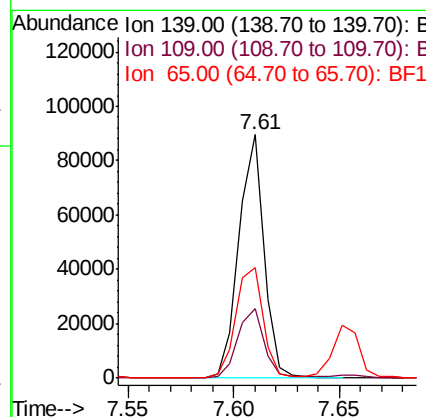
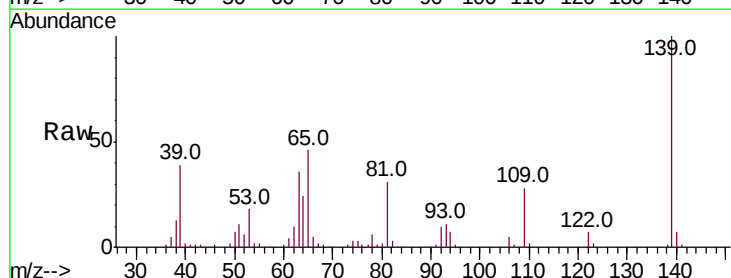
RT: 7.61 min Scan# 939

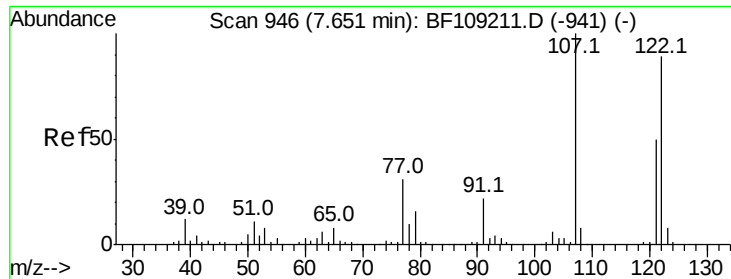
Delta R.T. 0.00 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Tgt Ion:	139	Resp:	73345
Ion Ratio	Lower	Upper	
139	100		
109	28.5	22.7	34.1
65	45.5	40.5	60.7





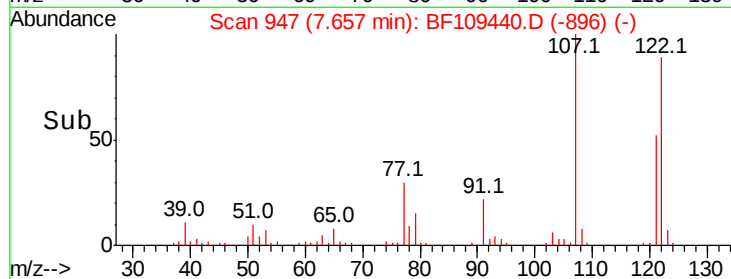
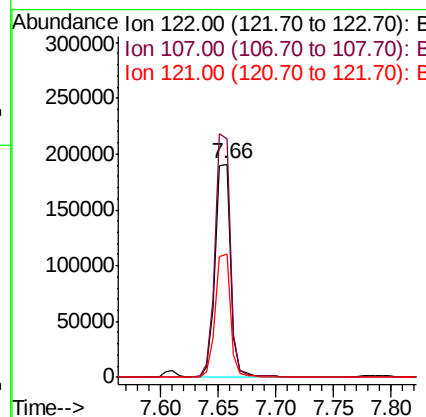
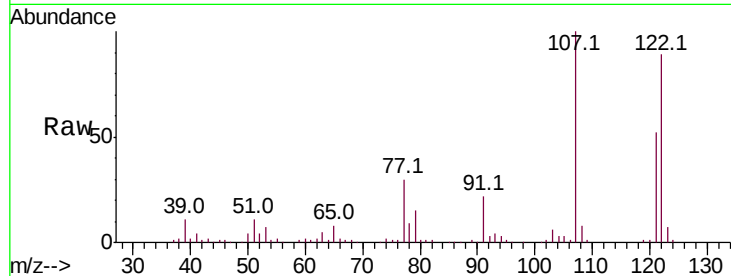
#27
 2,4-Dimethylphenol
 Concen: 38.242 ng
 RT: 7.66 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	179204		
107	111.8	91.2	136.8	
121	57.6	47.2	70.8	

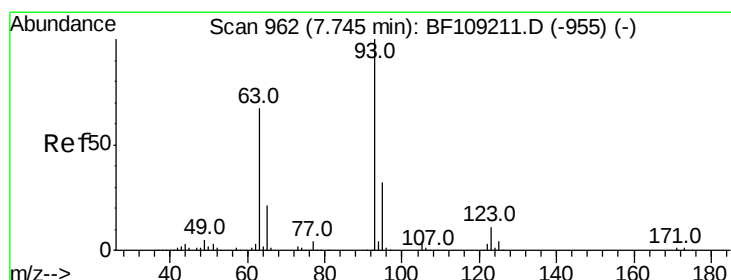
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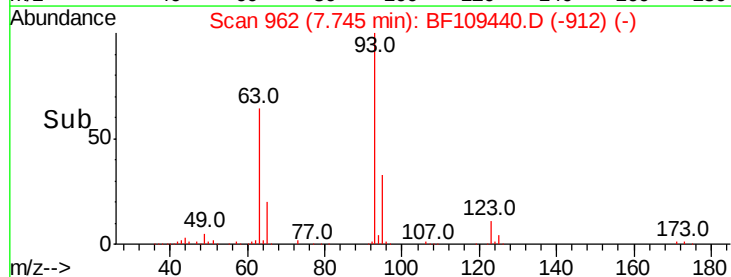
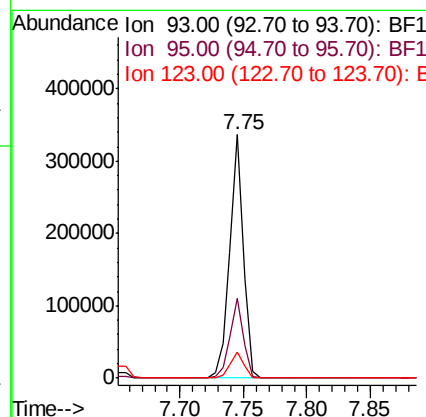
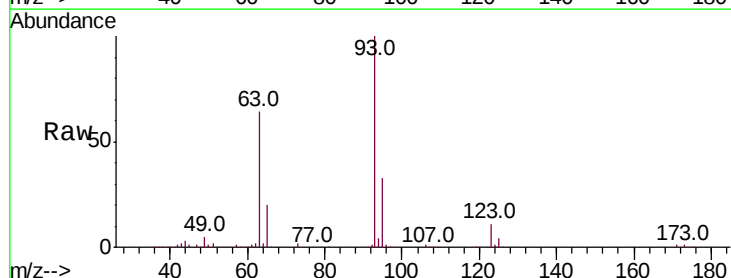
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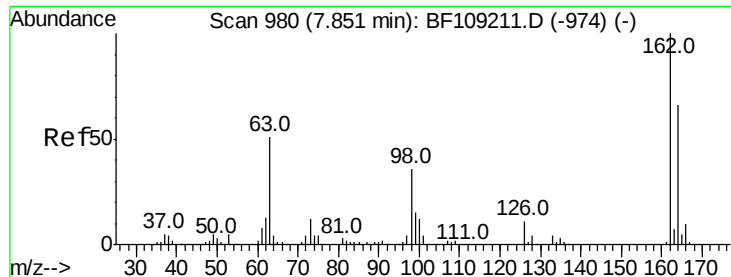
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.698 ng
 RT: 7.75 min Scan# 962
 Delta R.T. -0.01 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	254136		
95	32.7	26.3	39.5	
123	10.7	9.8	14.6	





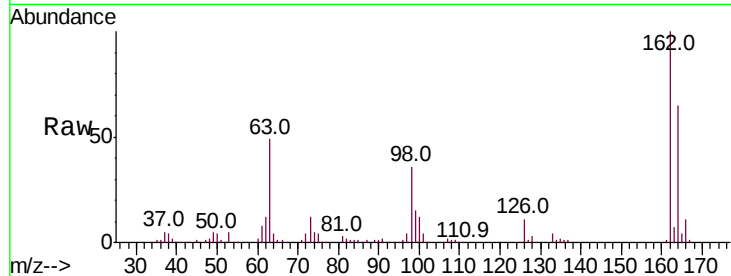
#29
 2,4-Dichlorophenol
 Concen: 32.334 ng
 RT: 7.86 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MS

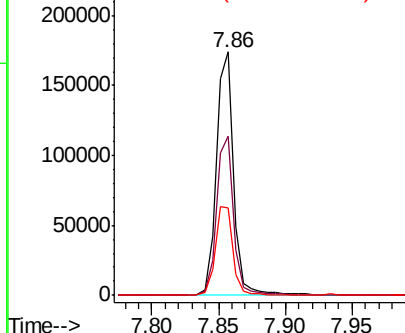
Tot Ion:	162	Resp:	159192
Ion Ratio	Lower	Upper	
162	100		
164	65.3	42.7	82.7
98	35.8	18.1	58.1

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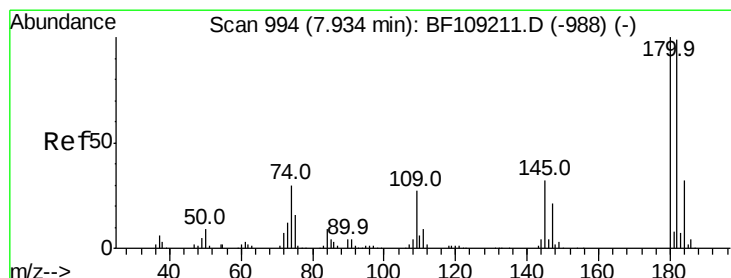
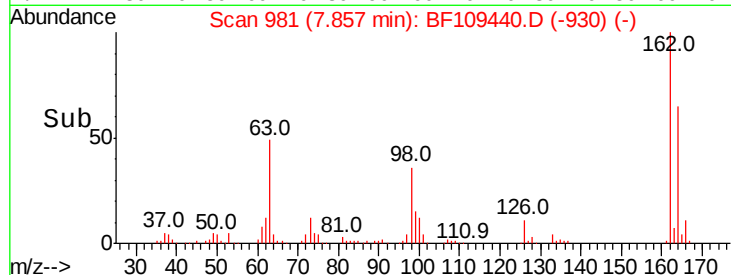


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1



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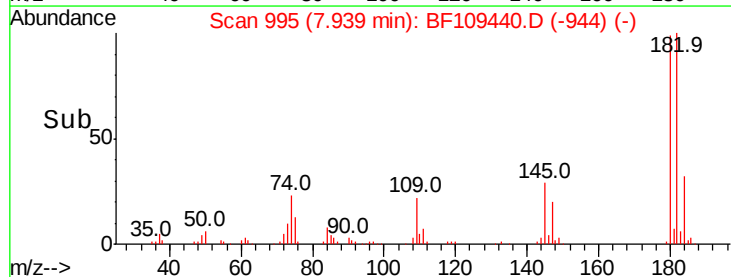
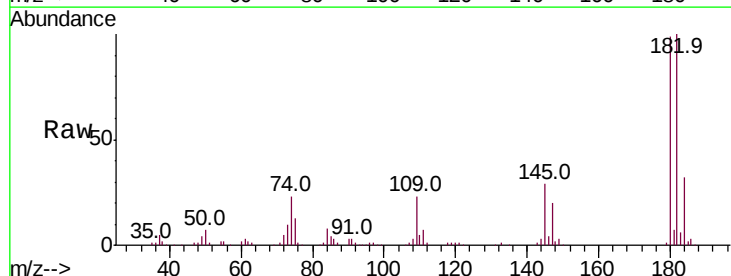
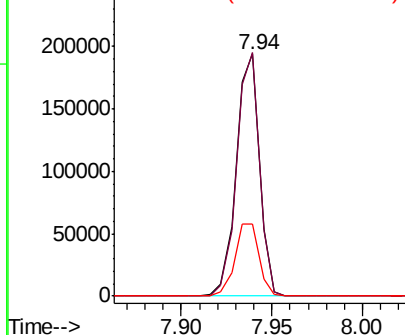
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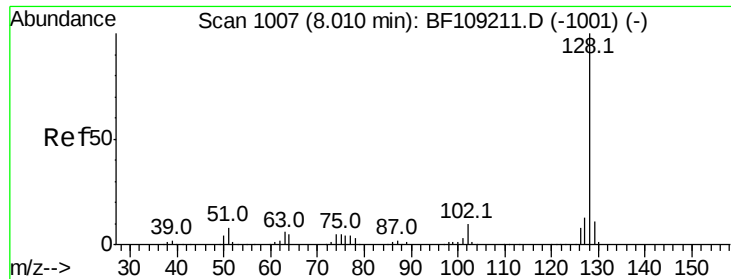


#30
 1,2,4-Trichlorobenzene
 Concen: 31.465 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Tgt Ion:	180	Resp:	173104
Ion Ratio	Lower	Upper	
180	100		
182	100.7	76.8	115.2
145	29.7	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





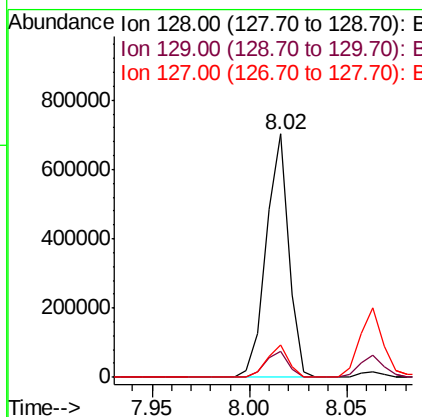
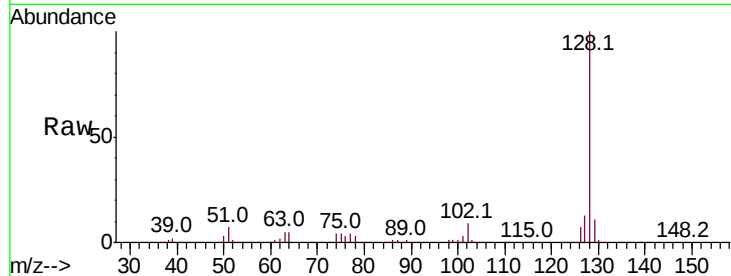
#31
Naphthalene
Concen: 34.174 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	562995		
129	10.7		8.8	13.2
127	13.2		10.9	16.3

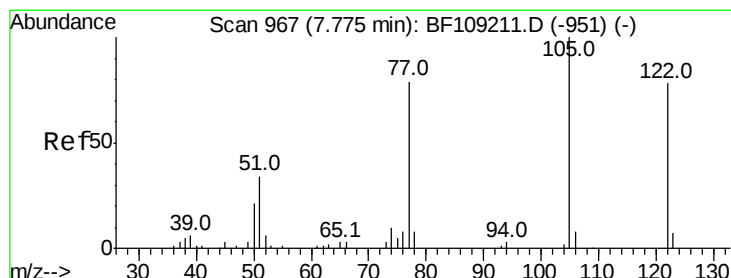
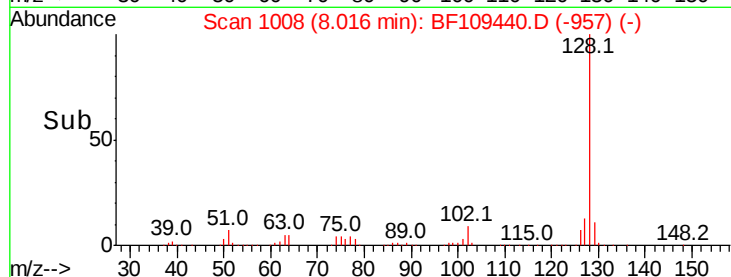
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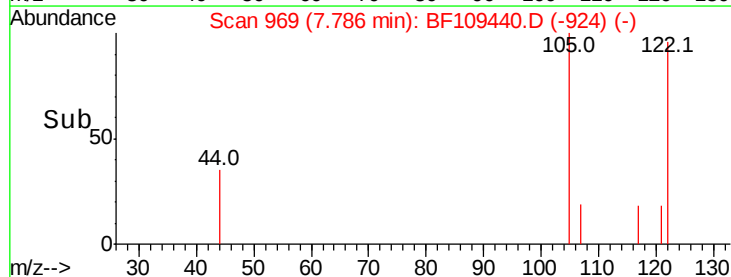
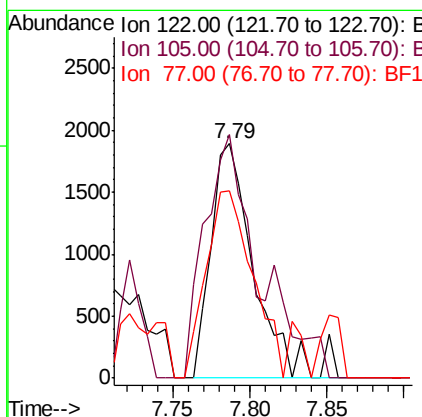
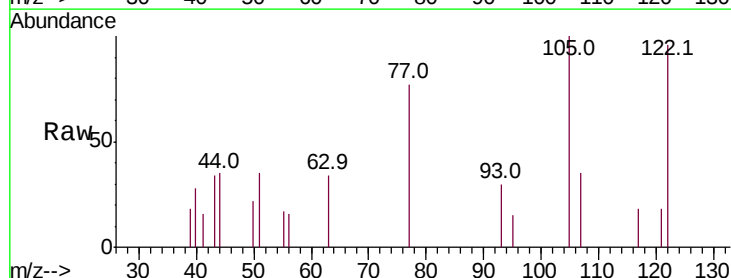
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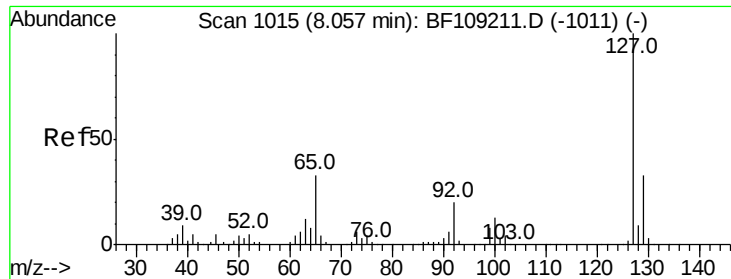
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#32
Benzoic acid
Concen: 7.809 ng m
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	3754		
105	104.0		101.1	141.1
77	80.1		70.7	110.7





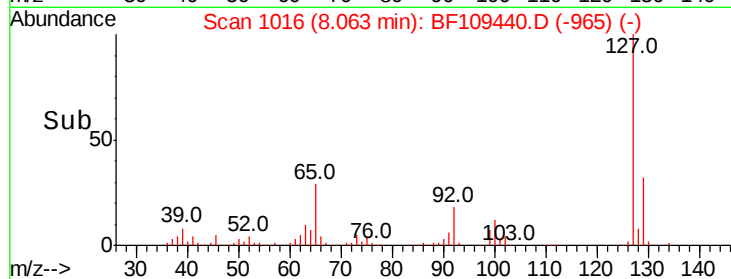
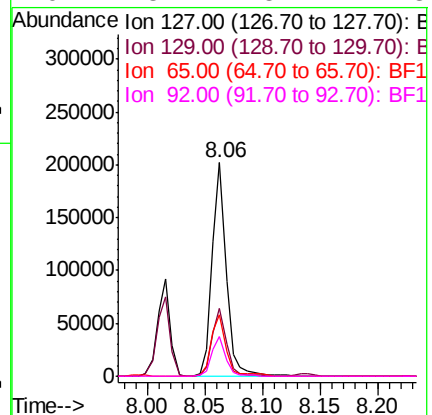
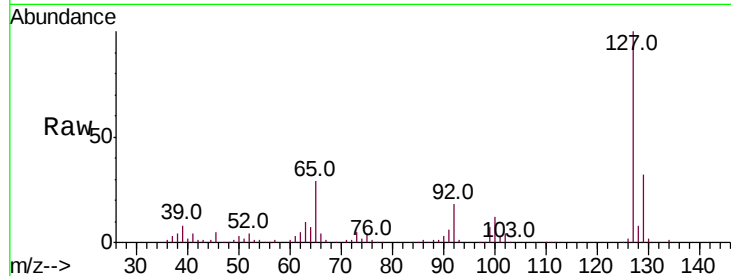
#33
4-Chloroaniline
Concen: 24.318 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	25.9	38.9		
65	28.7	25.0	37.4		
92	18.4	15.2	22.8		

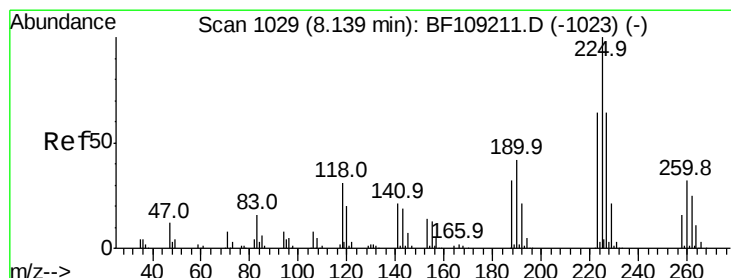
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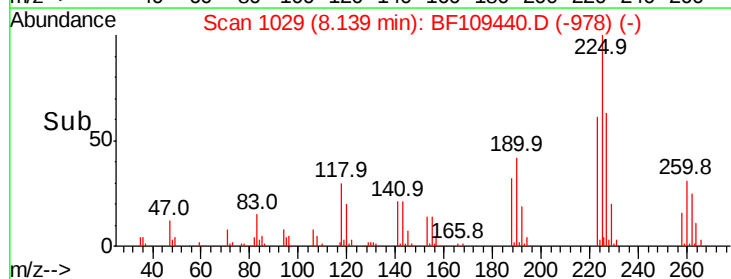
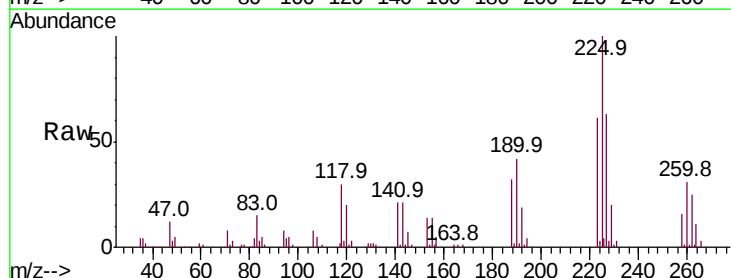
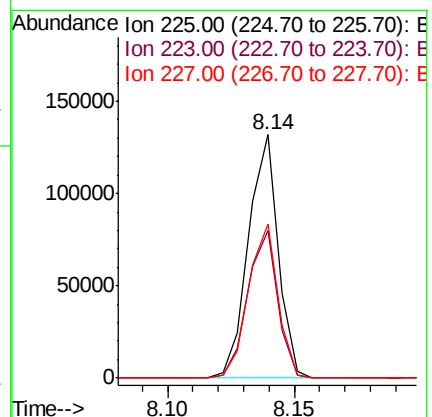
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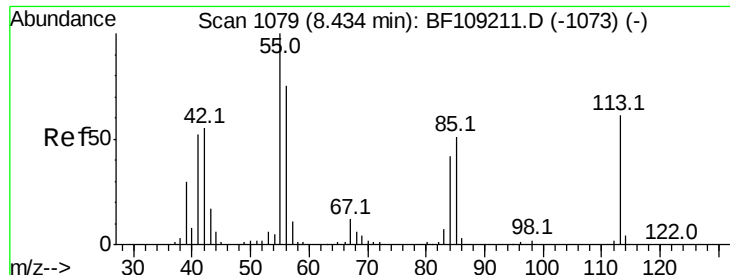
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#34
Hexachlorobutadiene
Concen: 32.460 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	50.6	76.0		
227	63.4	51.9	77.9		





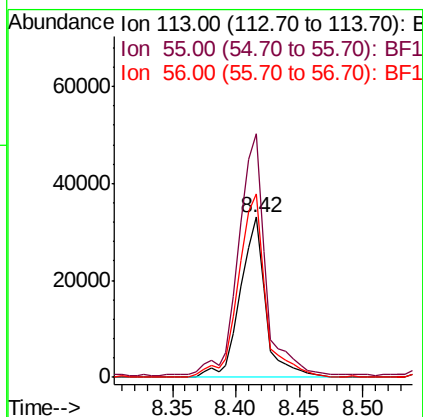
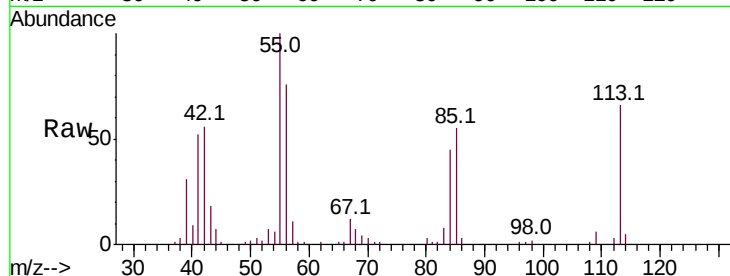
#35
Caprolactam
Concen: 29.037 ng
RT: 8.42 min Scan# 1076
Delta R.T. -0.05 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion:113 Resp: 45642
Ion Ratio Lower Upper
113 100
55 152.1 163.3 203.3#
56 114.8 115.7 155.7#

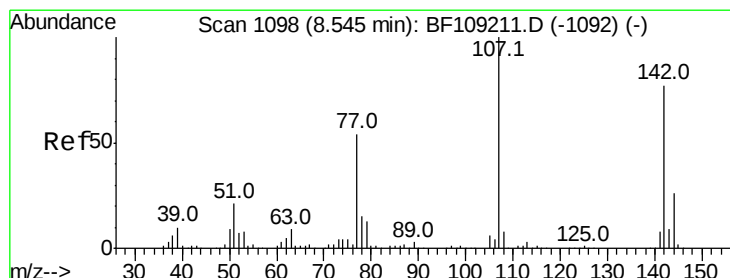
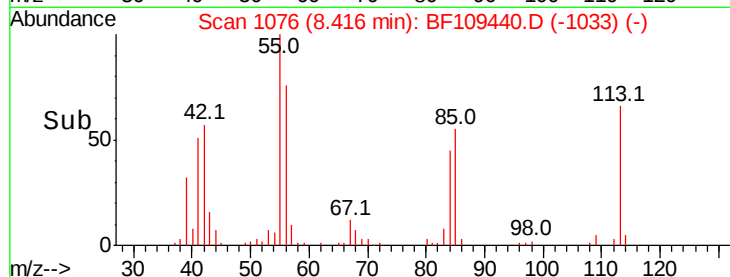
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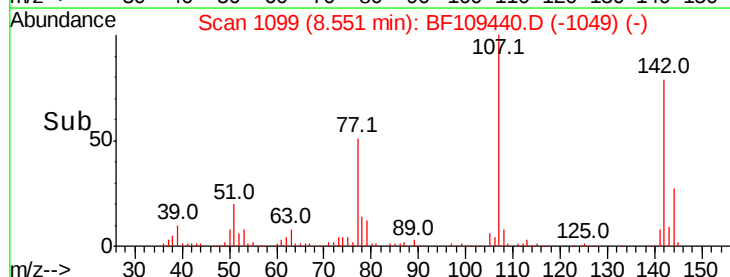
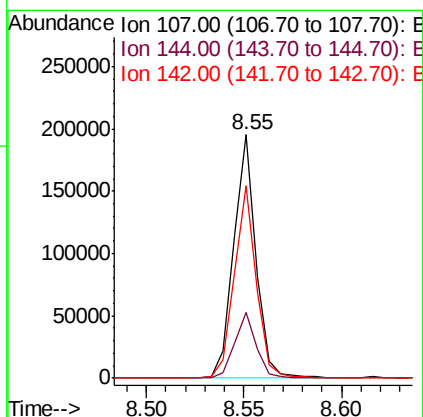
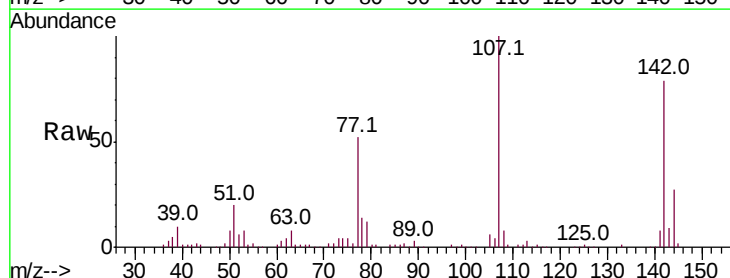
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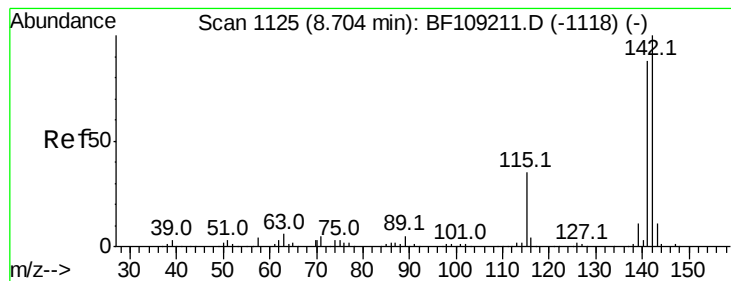
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#36
4-Chloro-3-methylphenol
Concen: 29.647 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion:107 Resp: 153596
Ion Ratio Lower Upper
107 100
144 27.1 20.5 30.7
142 79.2 62.0 93.0





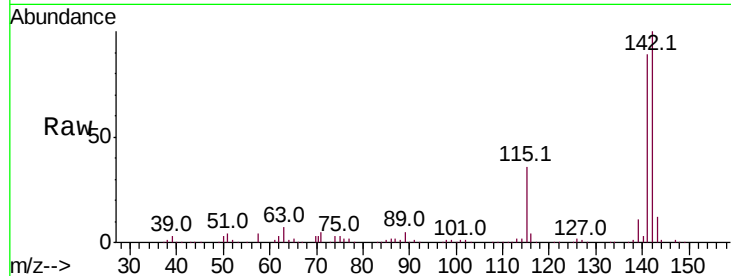
#37
2-Methylnaphthalene
Concen: 32.987 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.8	106.2
115	35.7	26.1	39.1

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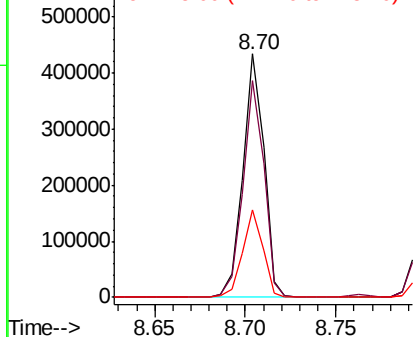


Abundance

Ion 142.00 (141.70 to 142.70): E

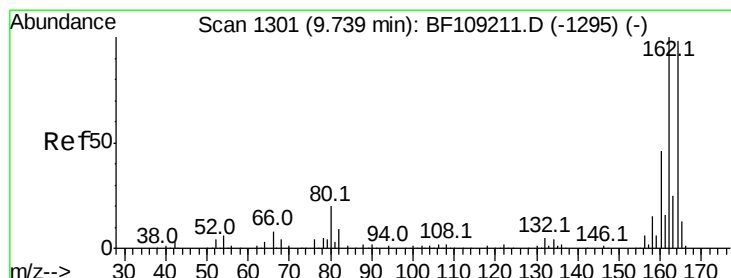
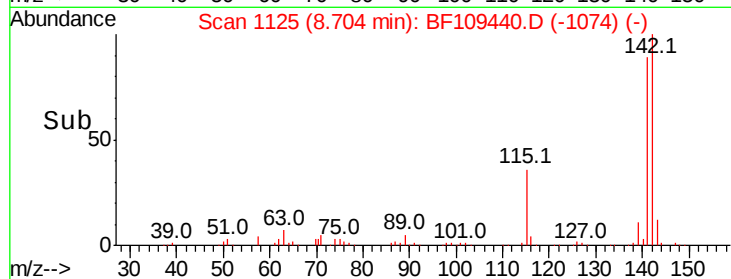
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

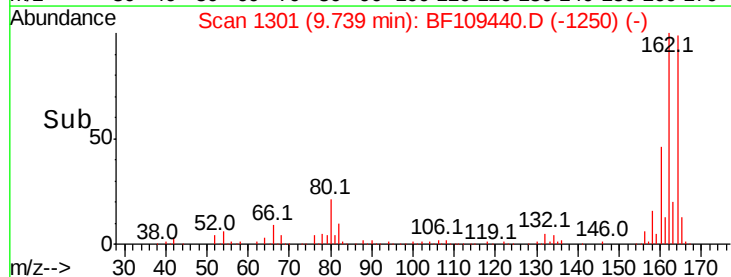
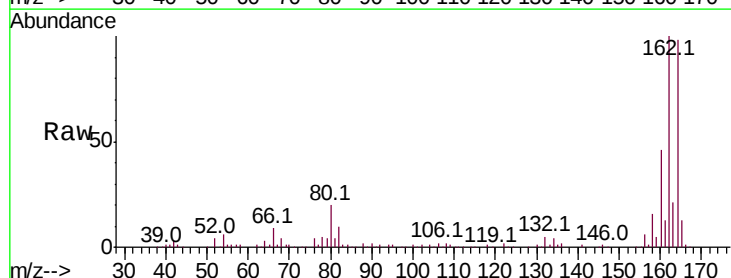
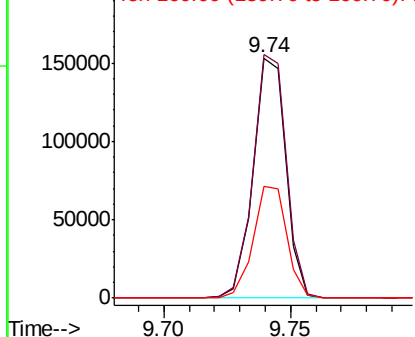
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	46.4	38.3	57.5

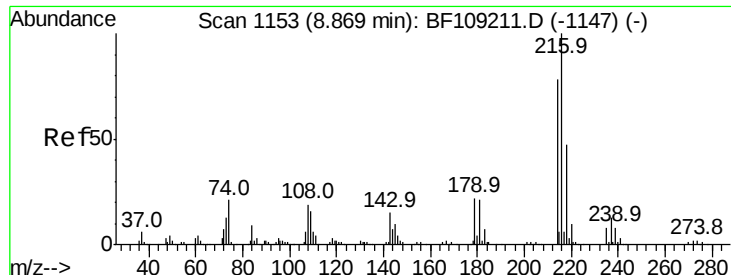
Abundance

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





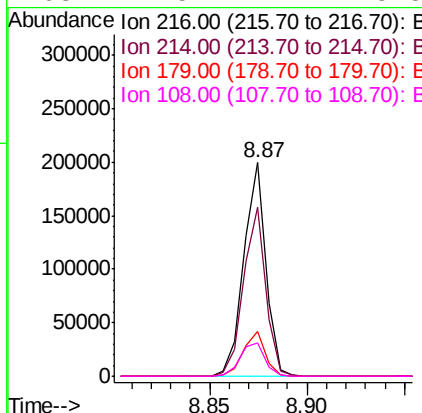
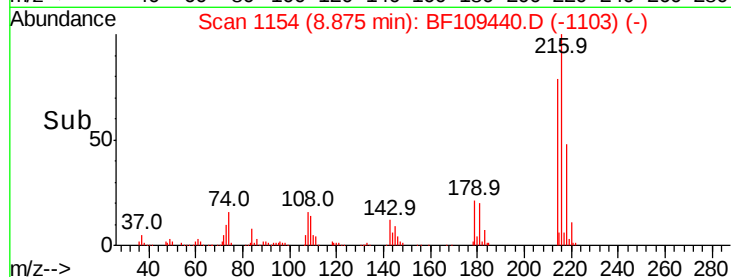
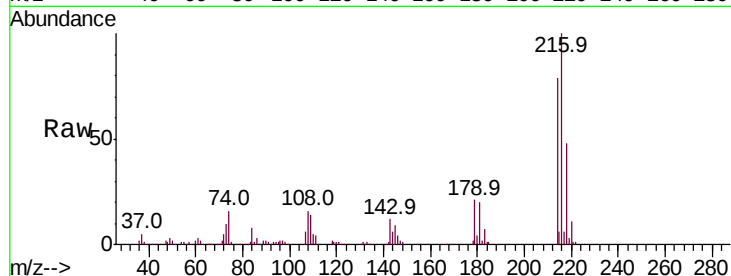
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.697 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.0	94.4	
179	20.8	18.1	27.1	
108	17.5	17.2	25.8	

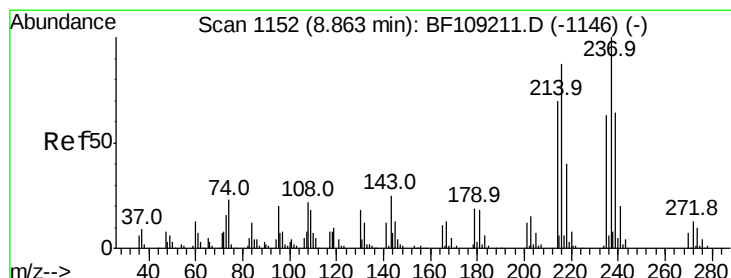
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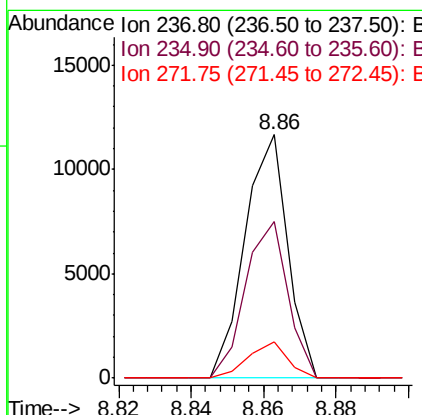
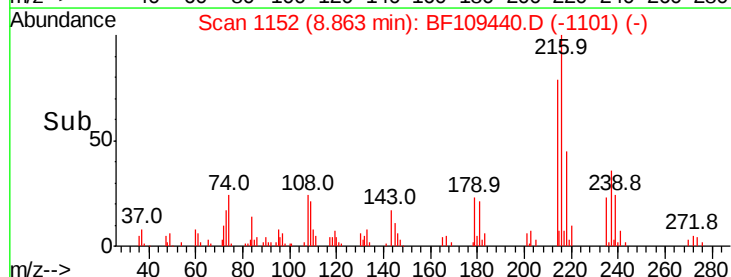
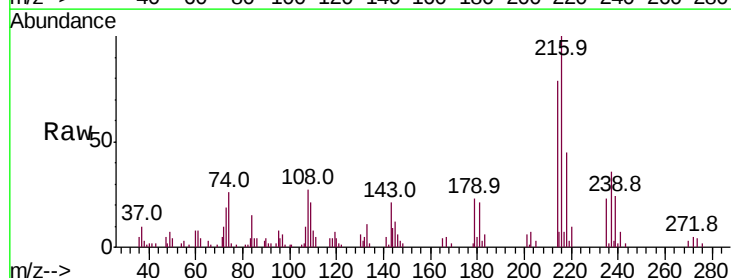
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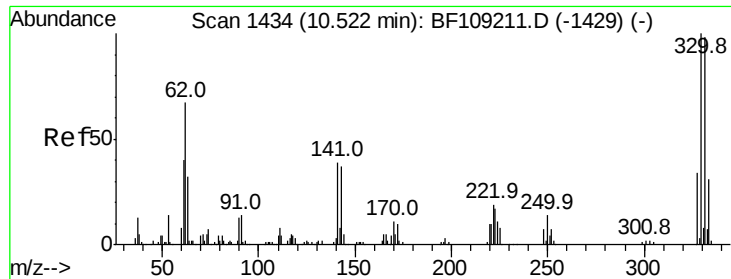
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#40
 Hexachlorocyclopentadiene
 Concen: 5.020 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	64.5	44.8	84.8	
272	15.0	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 95.300 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Instrument :

BNA_F

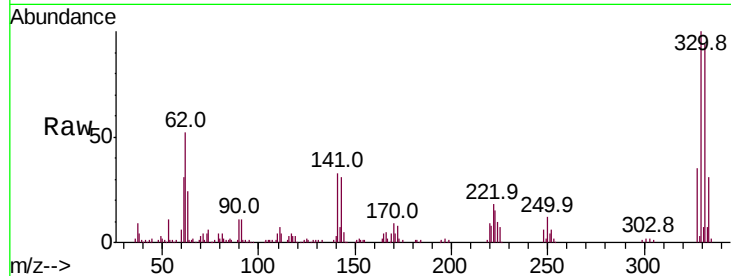
ClientSampleId :

RA-092518-USTEXC-NW-L-063MS

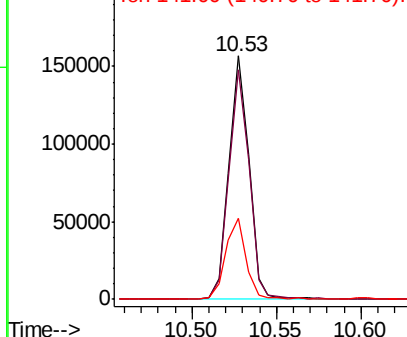
Tot Ion:	330	Resp:	129746
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.0	115.6
141	34.6	29.9	44.9

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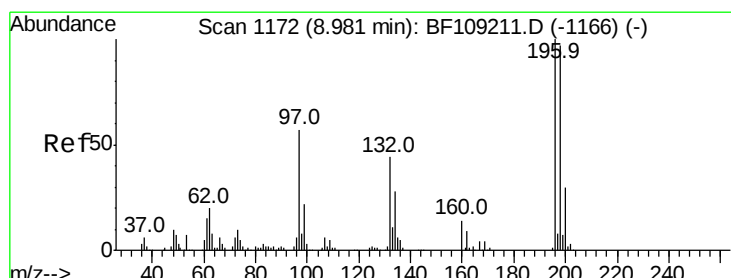
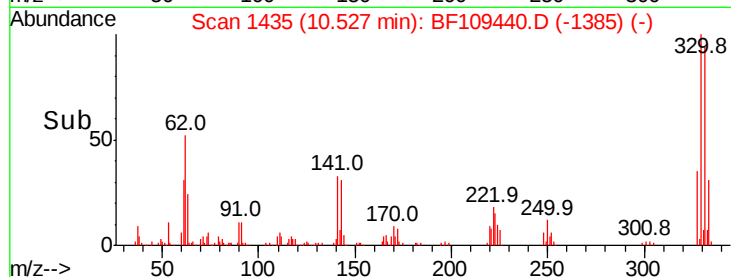


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



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#42

2,4,6-Trichlorophenol

Concen: 35.534 ng

RT: 8.99 min Scan# 1173

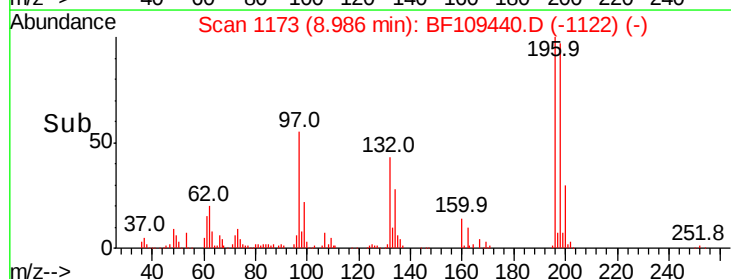
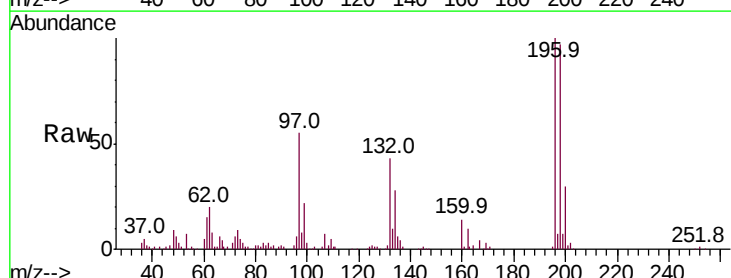
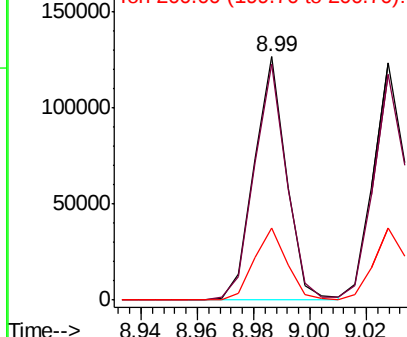
Delta R.T. 0.00 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Tgt Ion:	196	Resp:	100240
Ion Ratio	Lower	Upper	
196	100		
198	97.0	75.7	113.5
200	29.7	24.5	36.7

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





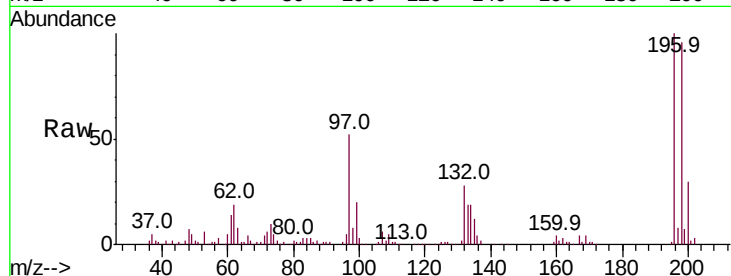
#43
 2,4,5-Trichlorophenol
 Concen: 34.306 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.5	74.6	112.0	
97	52.4	42.9	64.3	
132	28.0	26.3	39.5	

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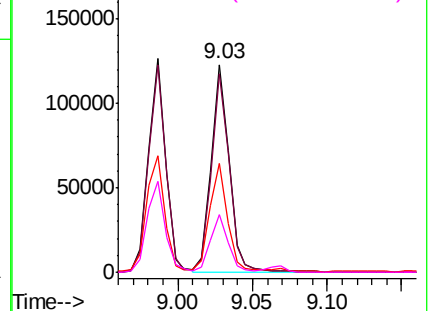
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

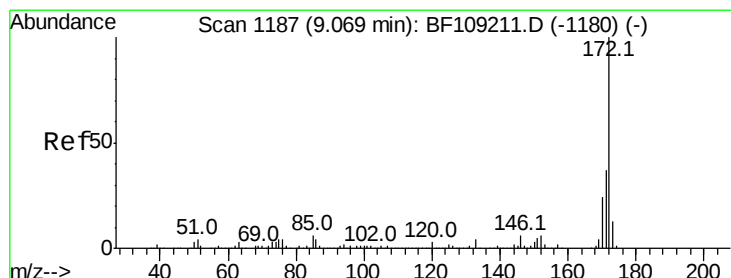
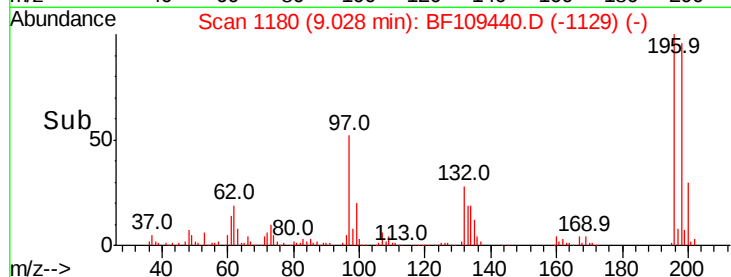
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



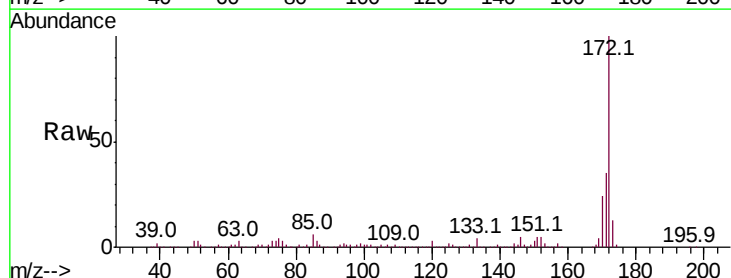
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#44
 2-Fluorobiphenyl
 Concen: 72.100 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.7	44.5	
170	23.7	19.6	29.4	

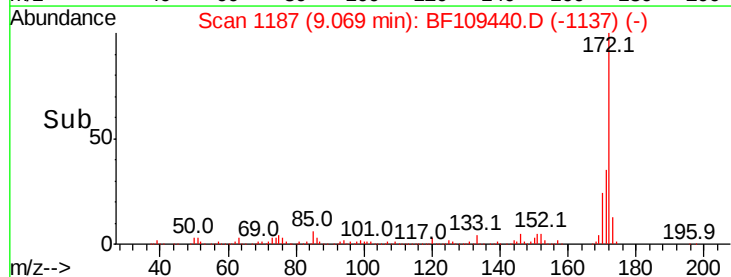
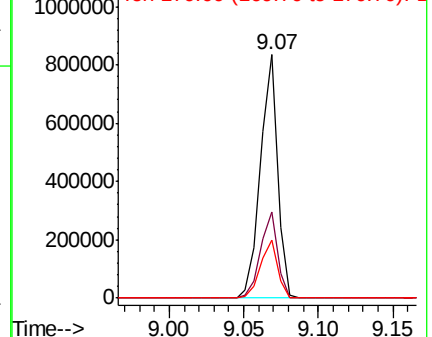


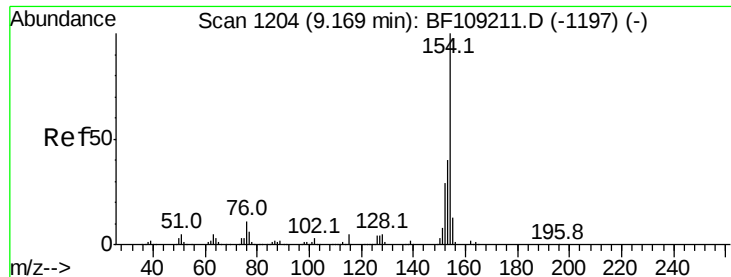
Abundance

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





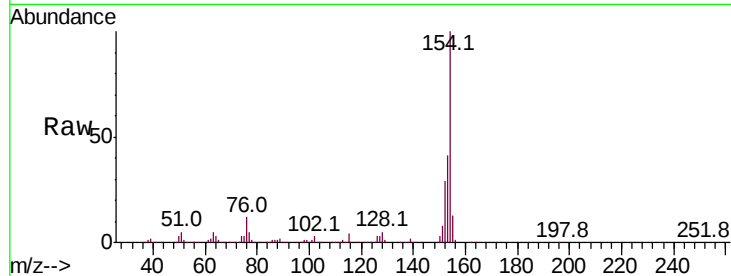
#45
1,1'-Biphenyl
Concen: 35.242 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

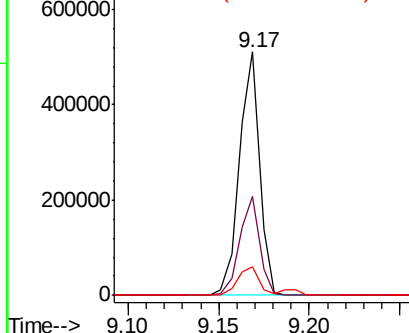
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.6	21.3	61.3	
76	11.7	0.0	34.0	

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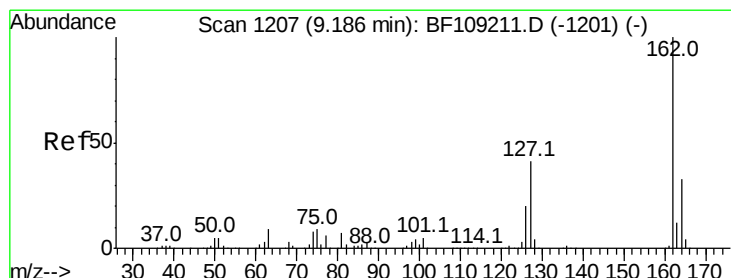
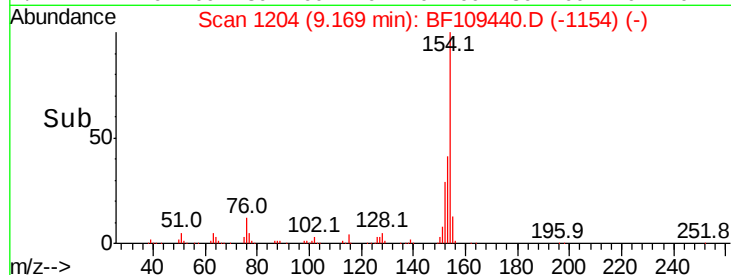


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



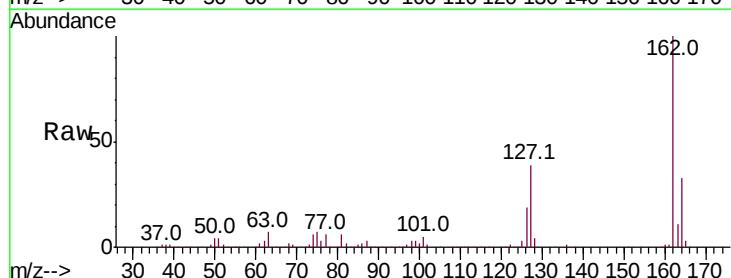
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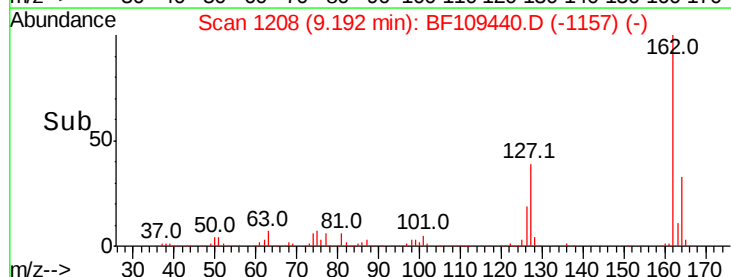
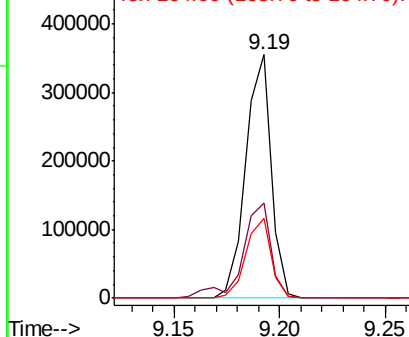


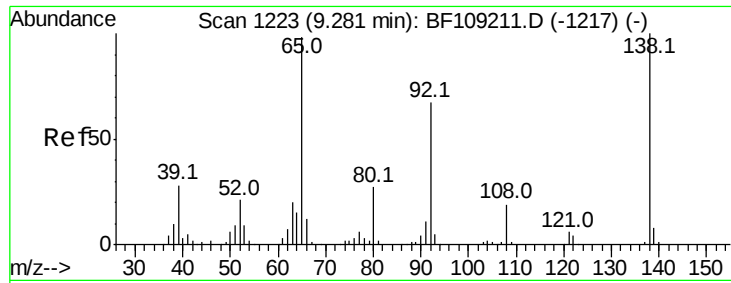
#46
2-Chloronaphthalene
Concen: 33.109 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.9	33.9	50.9	
164	33.0	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





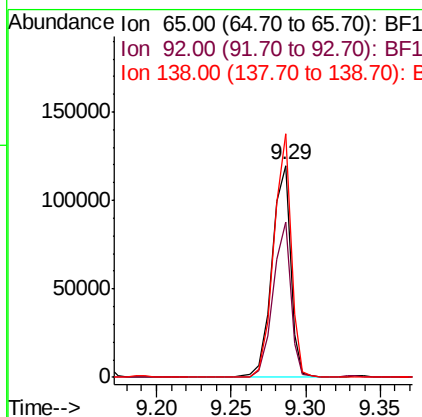
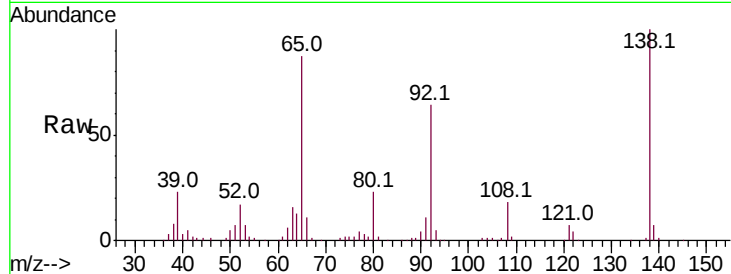
#47
2-Nitroaniline
Concen: 40.924 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.2	55.8	83.6
138	114.7	91.2	136.8

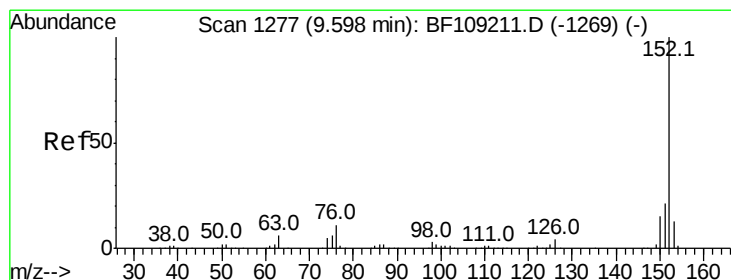
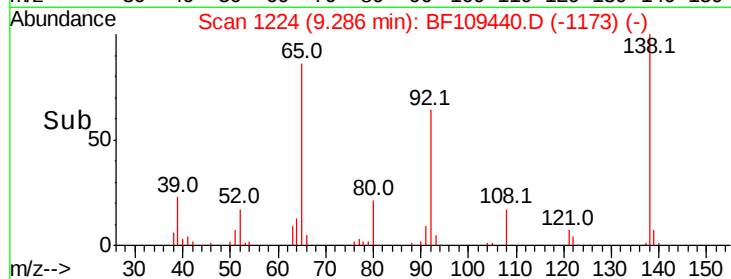
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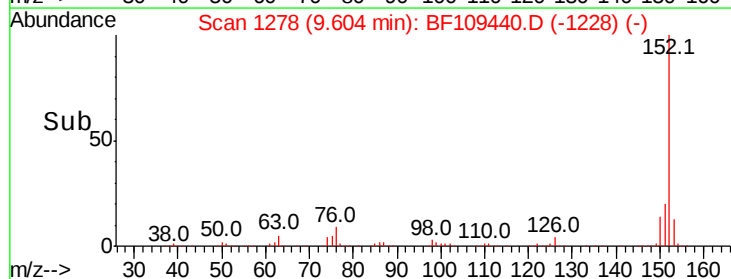
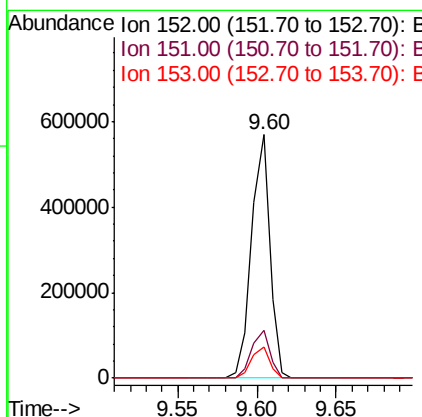
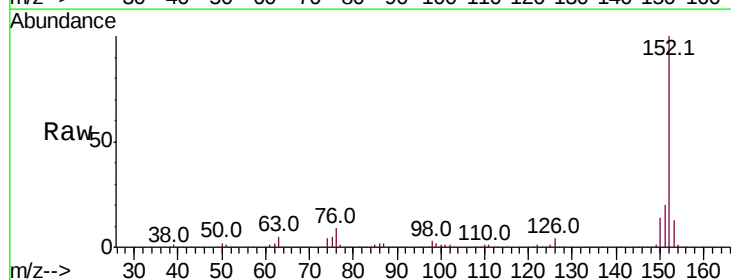
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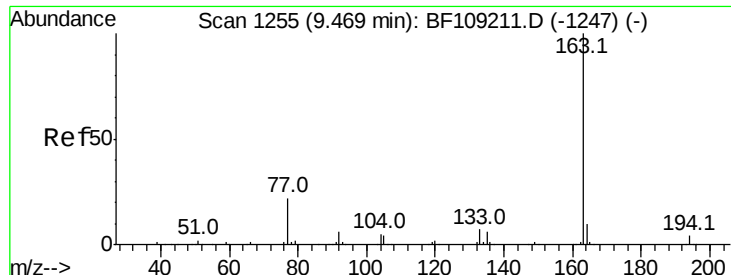
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#48
Acenaphthylene
Concen: 33.785 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.0	10.7	16.1





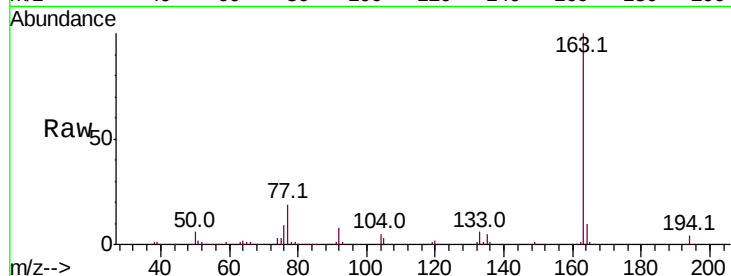
#49
Dimethylphthalate
Concen: 45.466 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

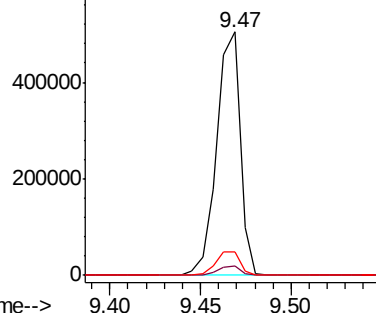
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	9.7	8.2	12.2	

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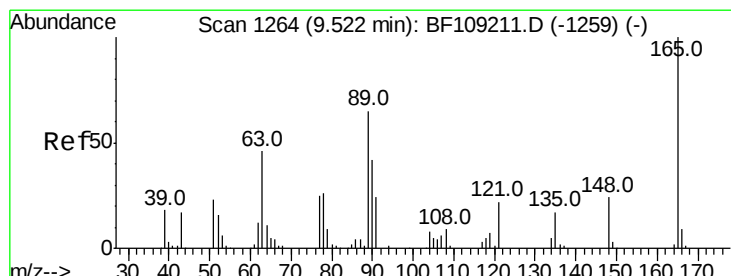
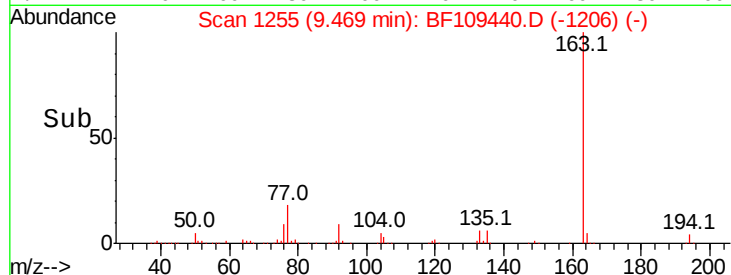


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



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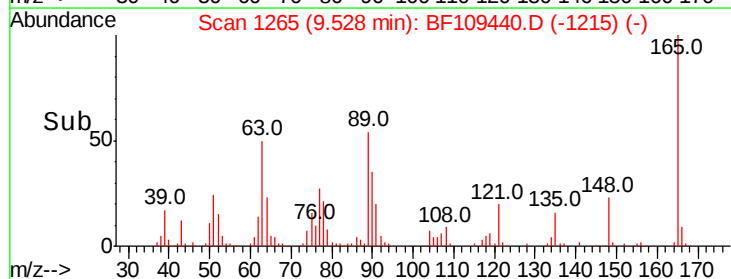
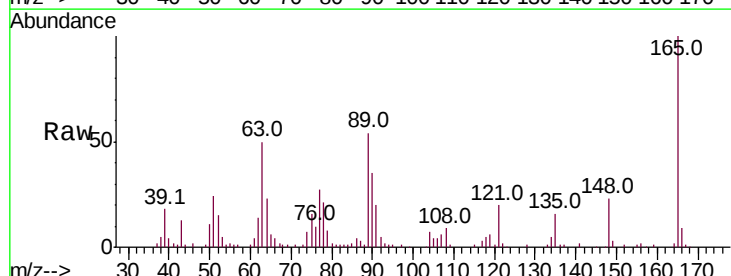
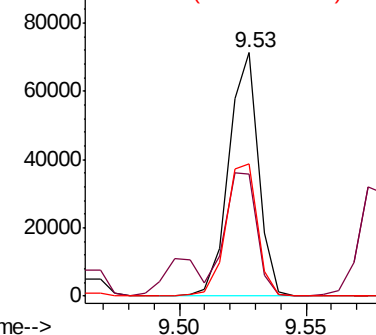
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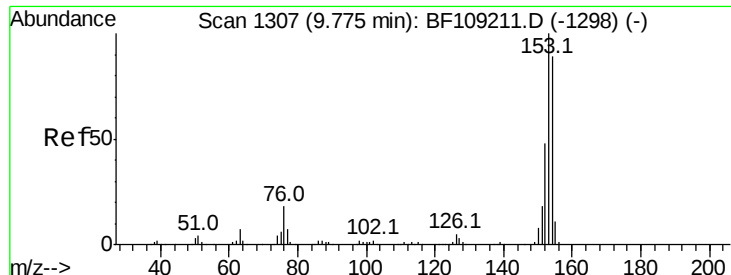


#50
2,6-Dinitrotoluene
Concen: 29.305 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.0	44.7	67.1	
89	54.2	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





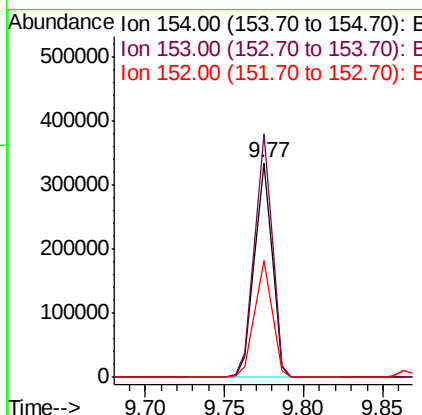
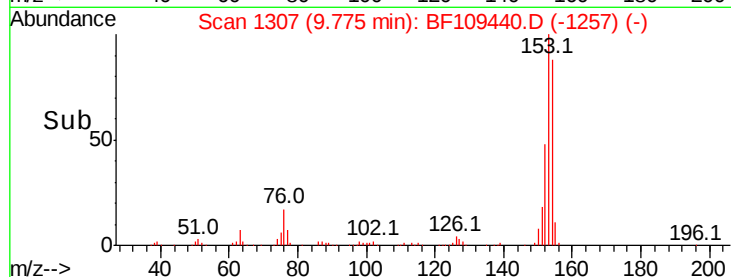
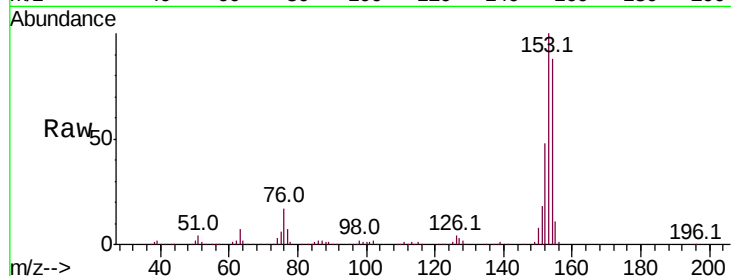
#51
Acenaphthene
Concen: 32.151 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument : BNA_F
ClientSampleId : RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	54.9	43.8	65.8

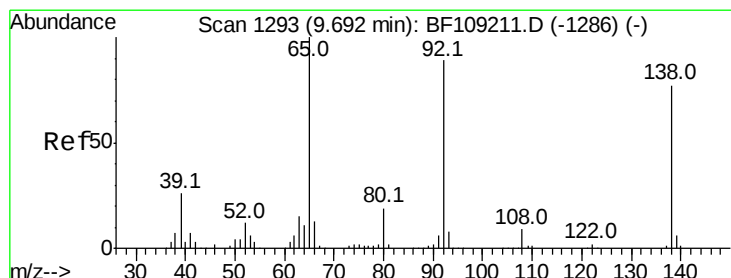
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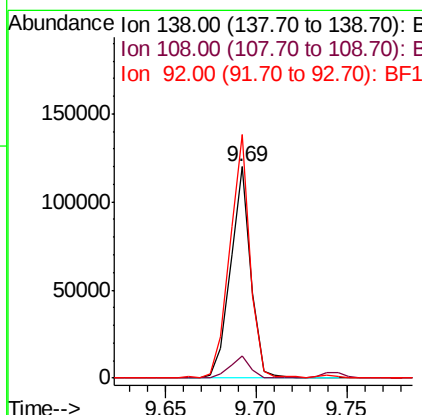
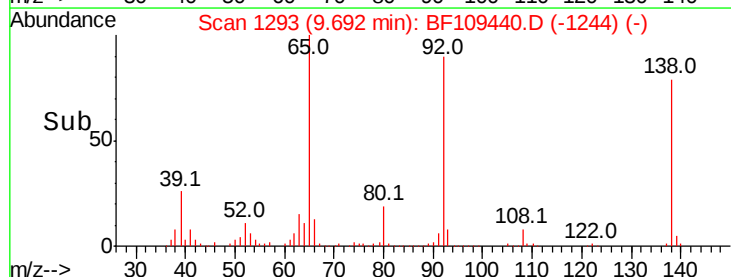
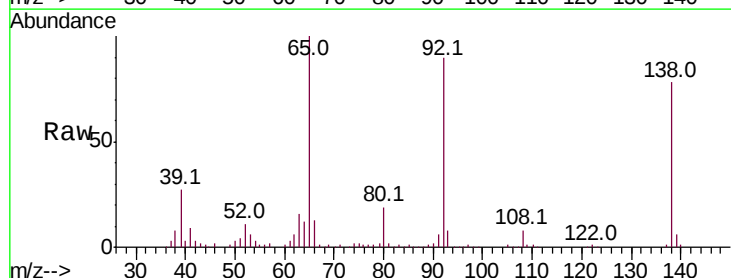
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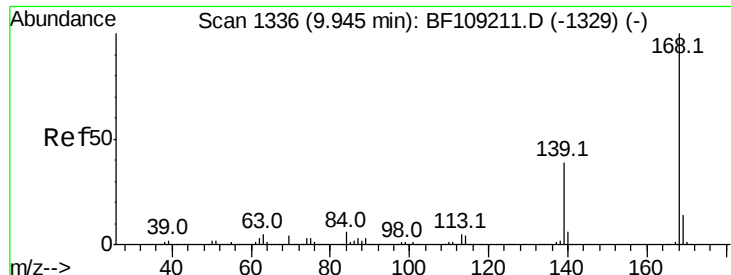
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#52
3-Nitroaniline
Concen: 40.459 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	115.2	89.4	134.2





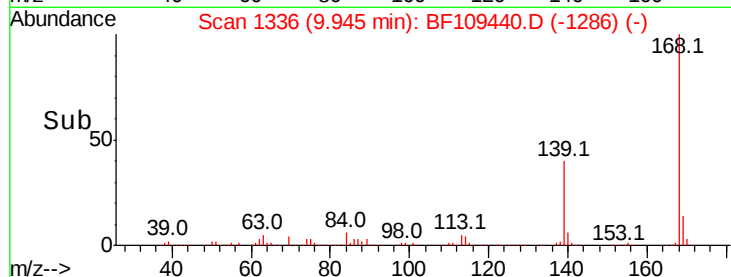
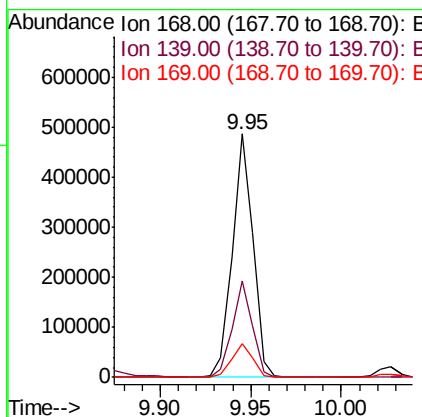
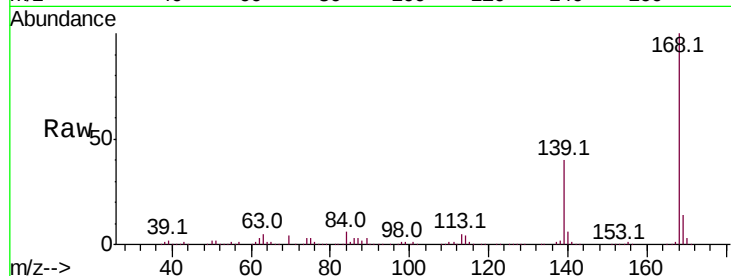
#54
Dibenzenofuran
Concen: 31.686 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.6	30.1	45.1	
169	14.1	10.9	16.3	

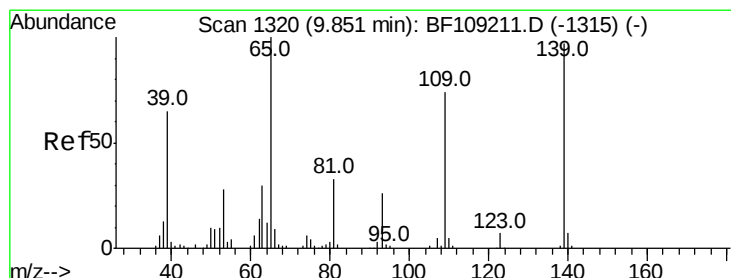
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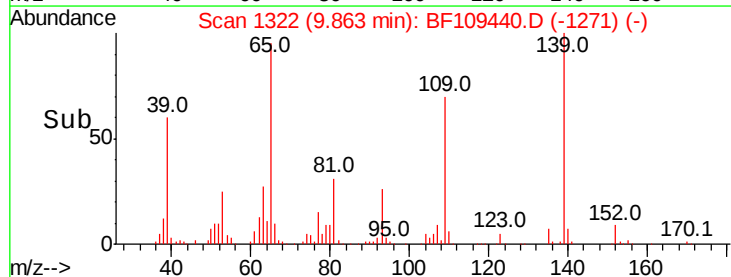
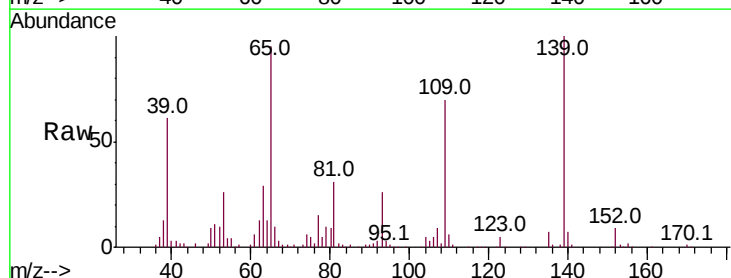
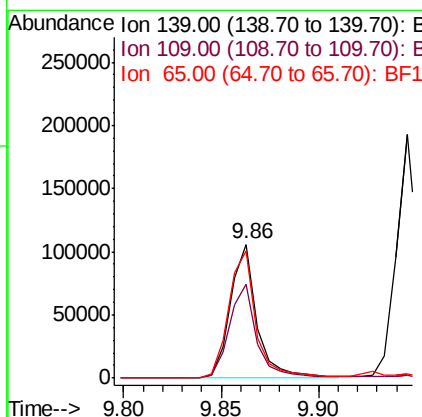
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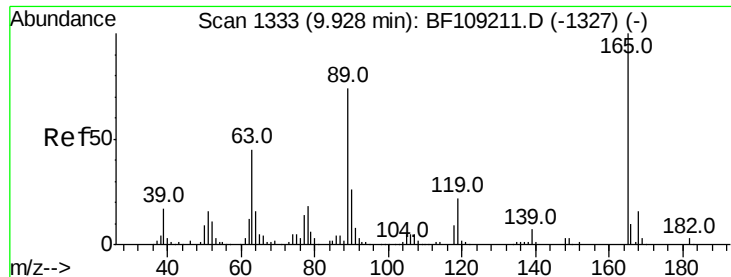
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#55
4-Nitrophenol
Concen: 58.026 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.1	48.4	88.4	
65	94.9	72.6	112.6	





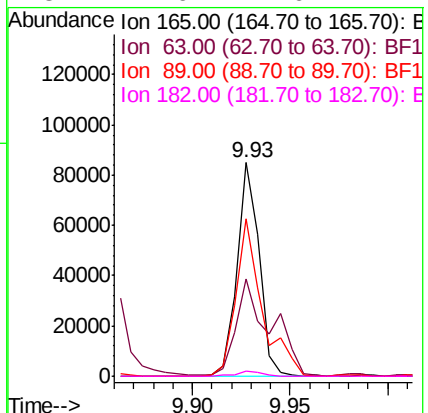
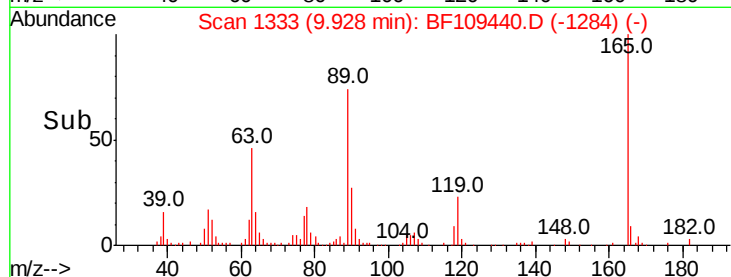
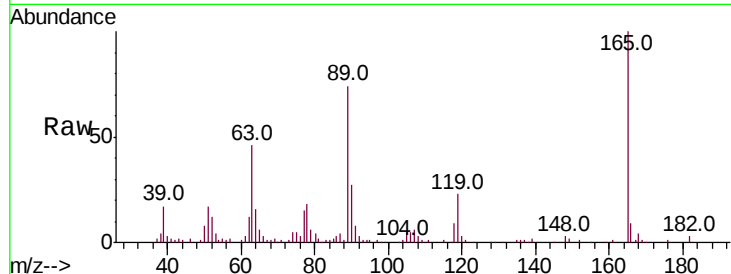
#56
2,4-Dinitrotoluene
Concen: 26.304 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.5	36.4	54.6
89	73.8	57.8	86.6
182	2.6	1.6	2.4#

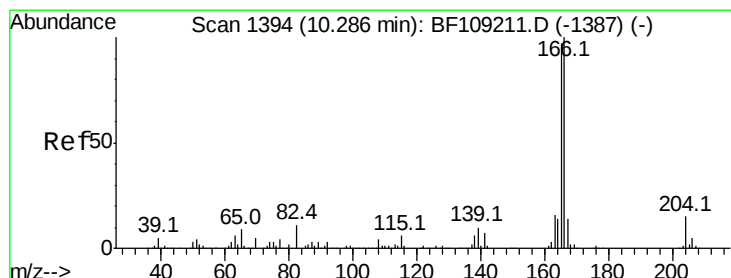
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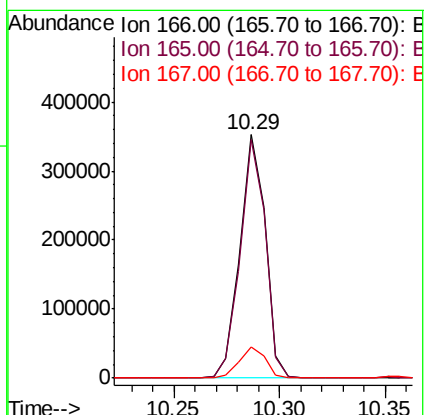
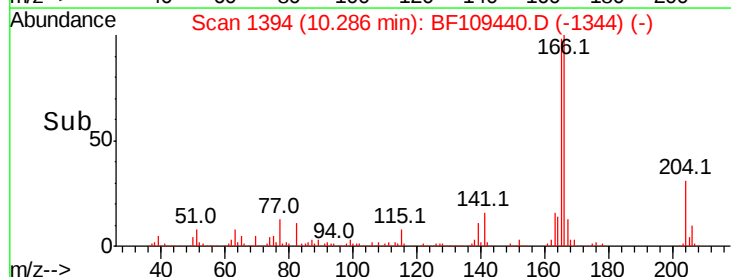
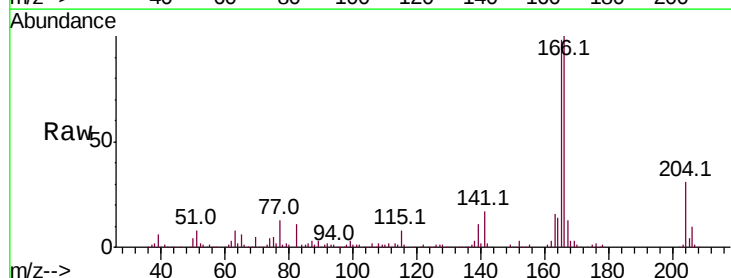
Sohil

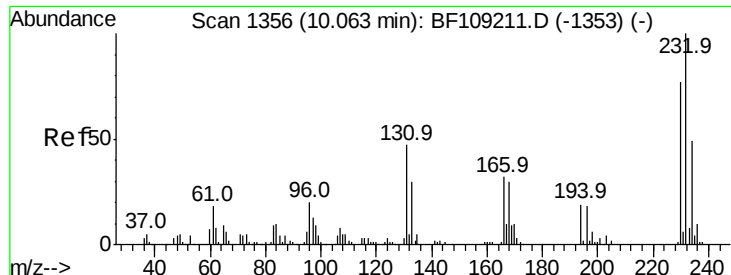
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#57
Fluorene
Concen: 33.694 ng
RT: 10.29 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.8	119.8
167	13.0	10.6	16.0





#58

2,3,4,6-Tetrachlorophenol

Concen: 33.340 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MS

Tot Ion:232 Resp: 78647

Ion Ratio Lower Upper

232 100

131 45.8 43.8 65.8

130 2.1 2.1 3.1

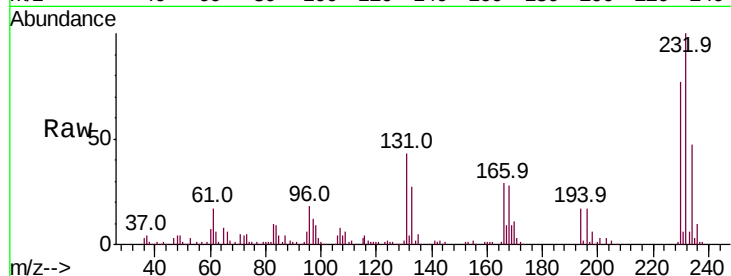
166 29.6 27.8 41.6

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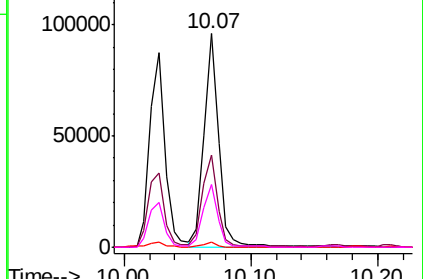
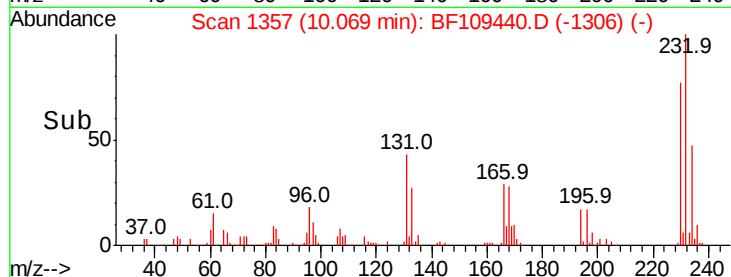


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

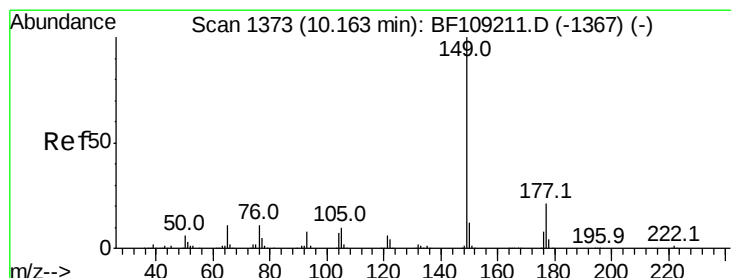
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



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#59

Diethylphthalate

Concen: 33.224 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

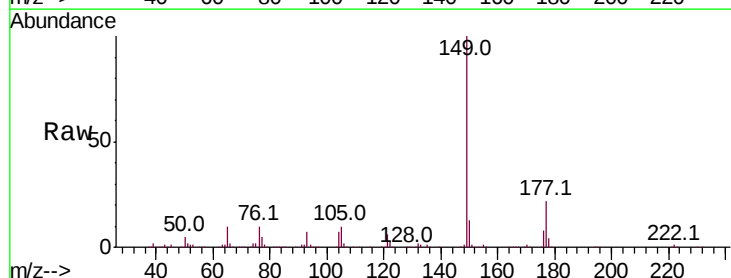
Tgt Ion:149 Resp: 337953

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

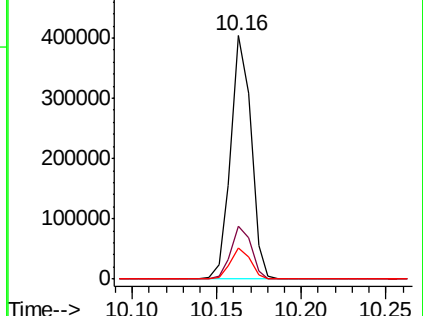
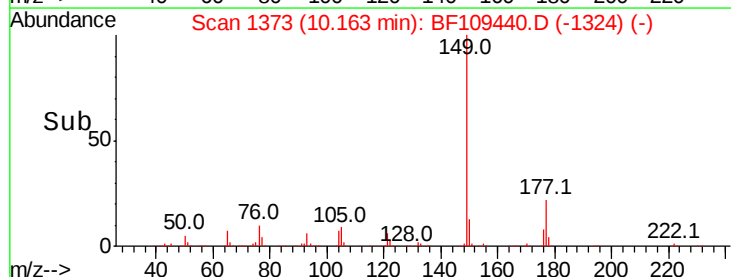
150 12.6 10.1 15.1

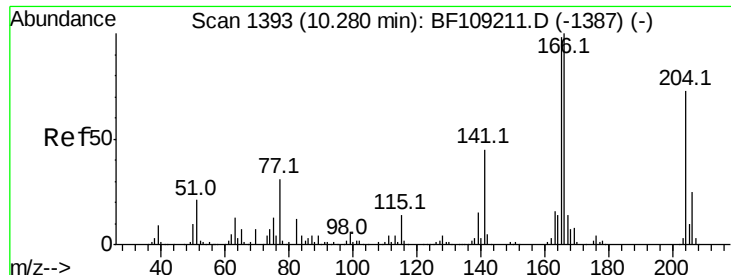


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





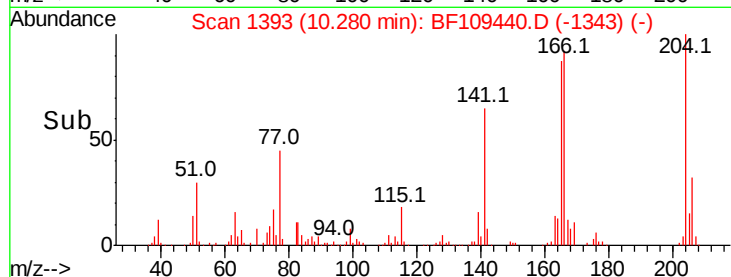
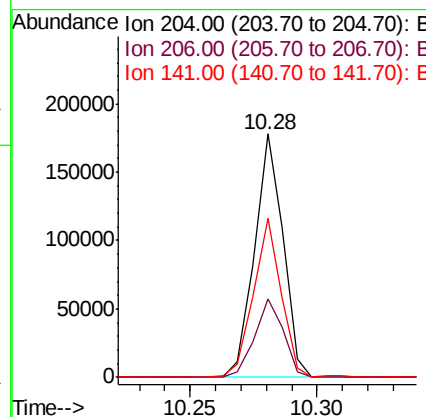
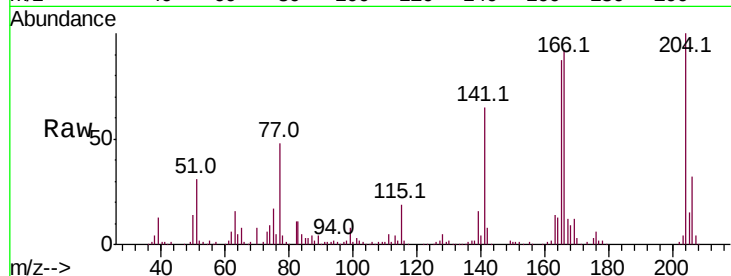
#60
 4-Chlorophenyl-phenylether
 Concen: 30.657 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MS

Tot Ion:	204	Resp:	139307
Ion Ratio	Lower	Upper	
204	100		
206	32.0	26.5	39.7
141	65.5	54.6	81.8

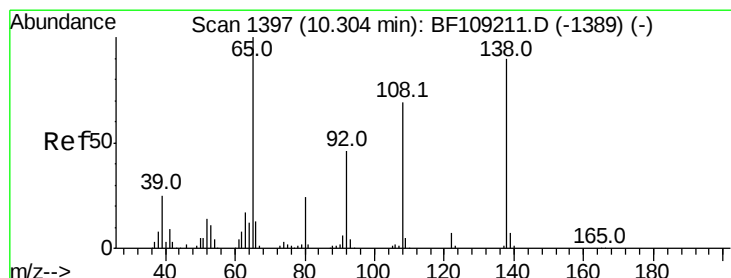
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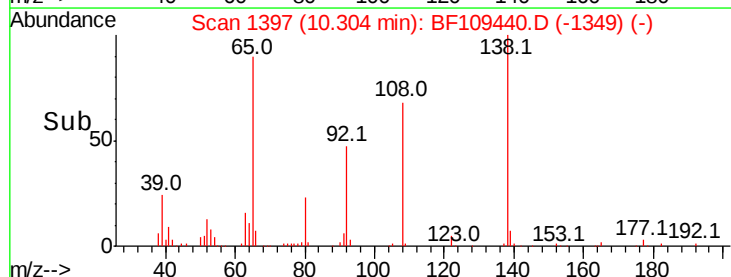
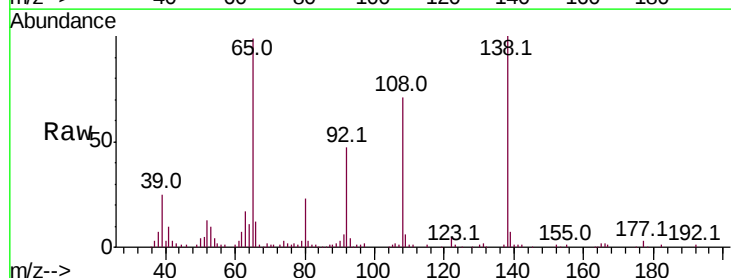
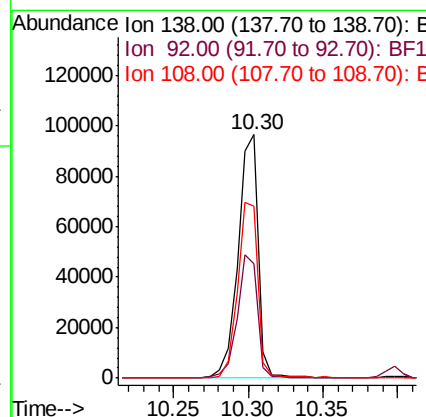
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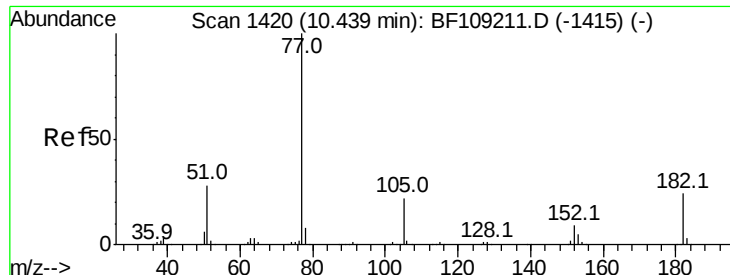
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#61
 4-Nitroaniline
 Concen: 40.935 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.02 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Tgt Ion:	138	Resp:	91974
Ion Ratio	Lower	Upper	
138	100		
92	47.0	30.2	70.2
108	70.6	52.5	92.5





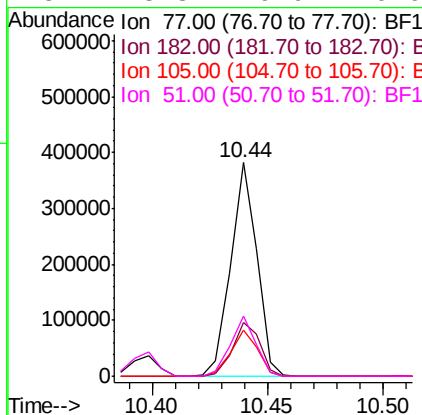
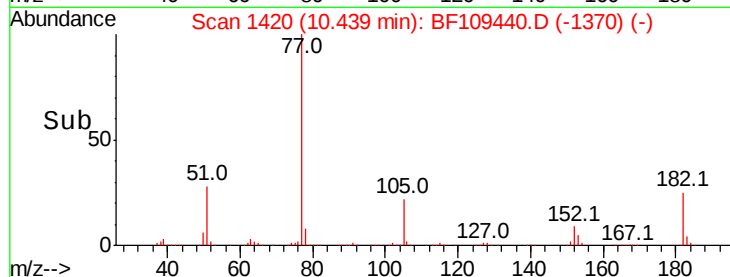
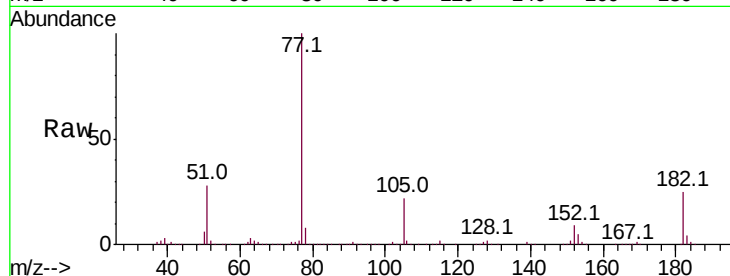
#62
Azobenzene
Concen: 28.458 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	25.0	1.7	41.7	
105	21.8	3.0	43.0	
51	28.3	9.9	49.9	

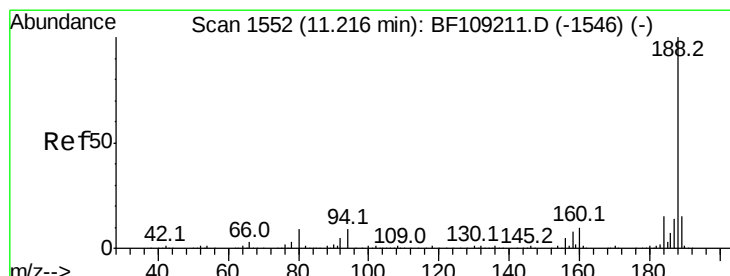
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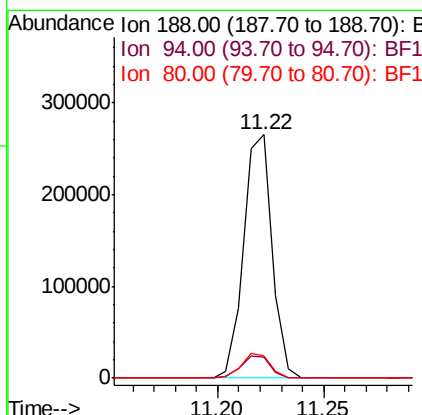
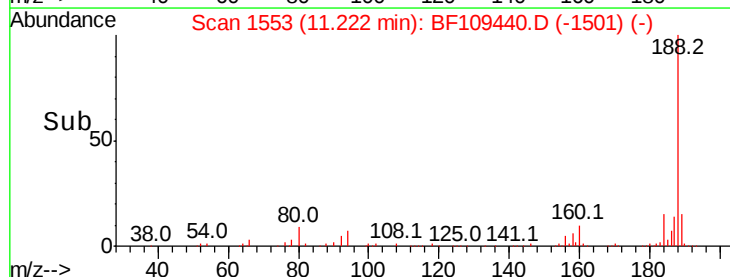
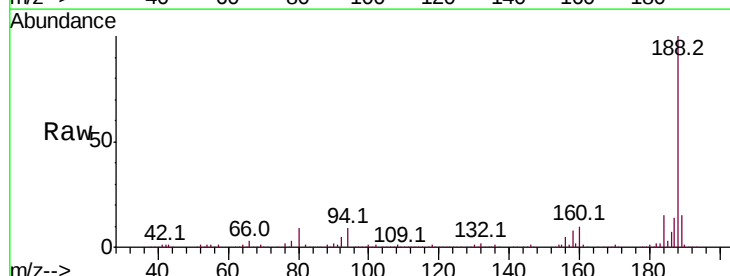
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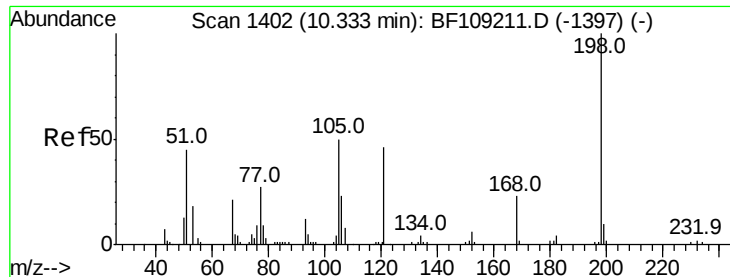
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.5	8.5	12.7	
80	9.0	9.2	13.8	





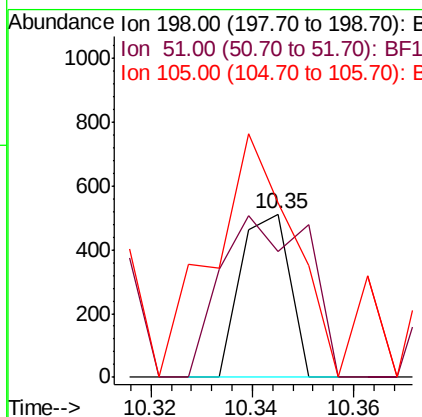
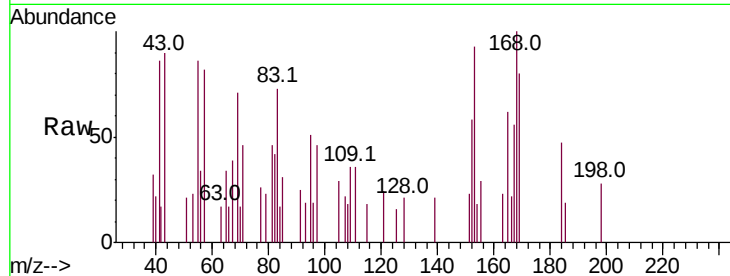
#64
4,6-Dinitro-2-methylphenol
Concen: 6.820 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	77.0	37.7	77.7
105	106.6	36.3	76.3#

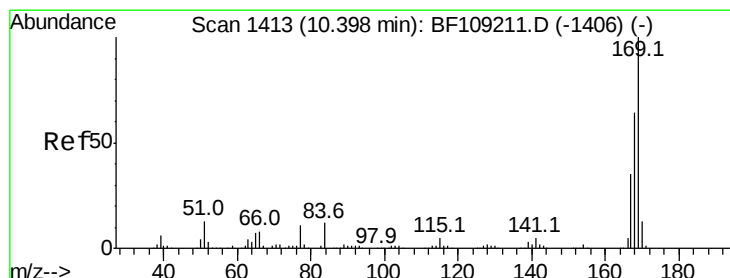
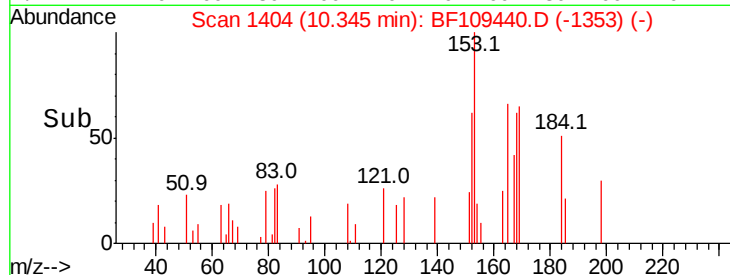
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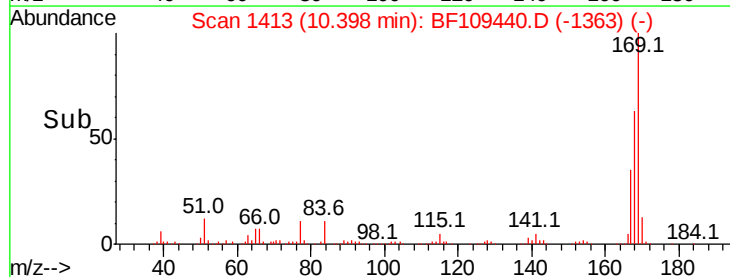
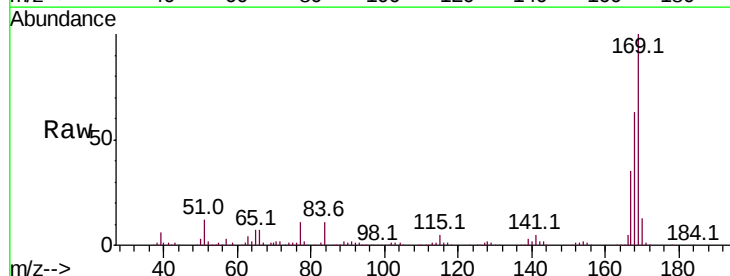
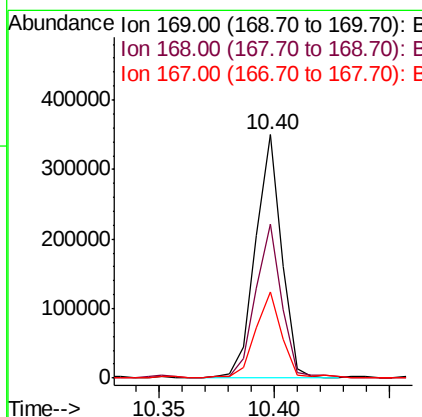
Sohil

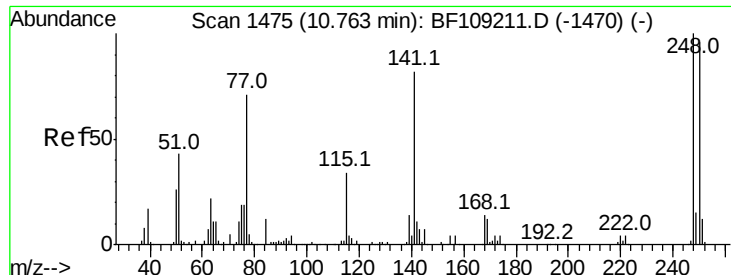
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#65
n-Nitrosodiphenylamine
Concen: 33.918 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.2	54.4	81.6
167	35.4	29.8	44.6





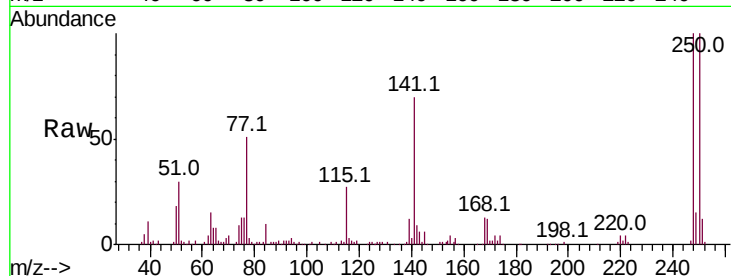
#66
4-Bromophenyl-phenylether
Concen: 32.055 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.6	76.9	115.3
141	69.6	74.4	111.6

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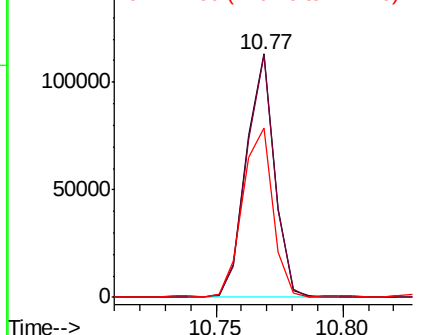


Abundance

Ion 248.00 (247.70 to 248.70): E

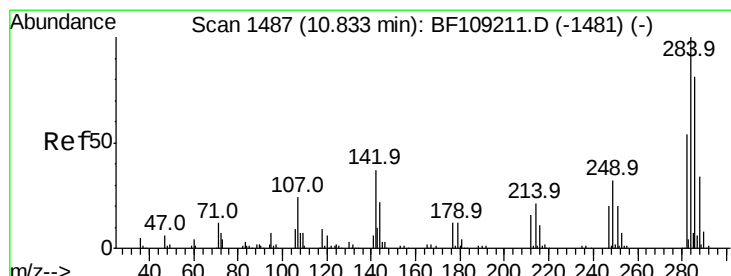
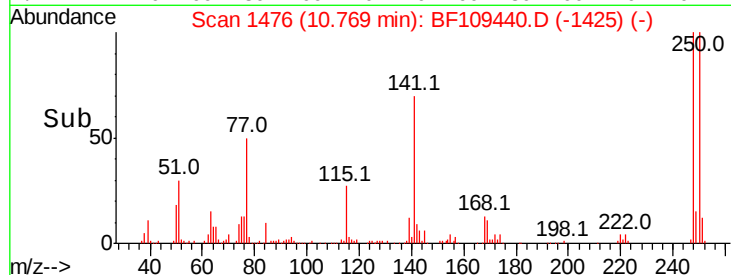
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



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#67
Hexachlorobenzene
Concen: 31.749 ng
RT: 10.84 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

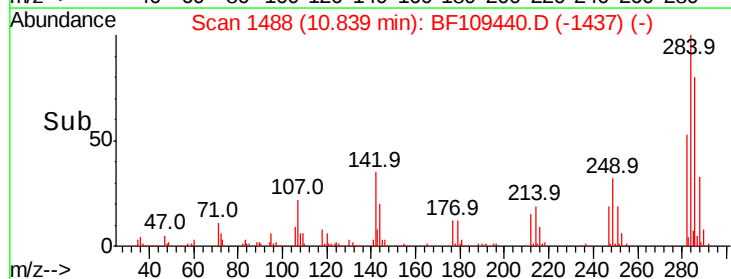
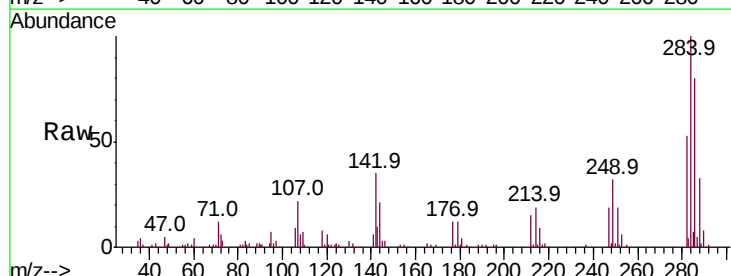
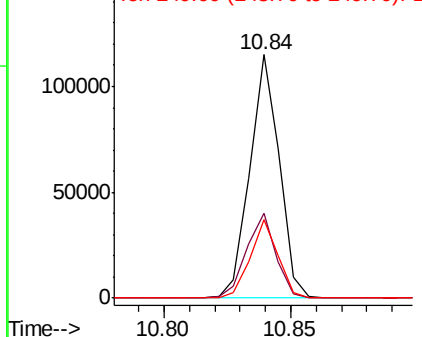
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	34.6	52.0
249	32.1	24.8	37.2

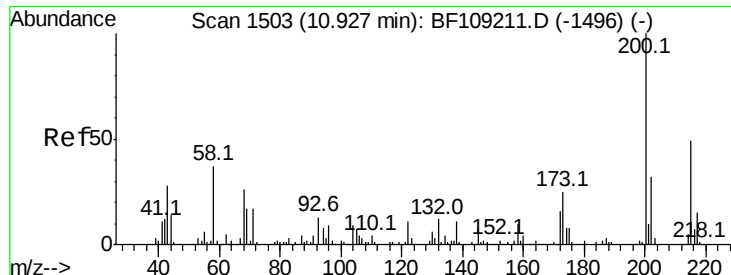
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





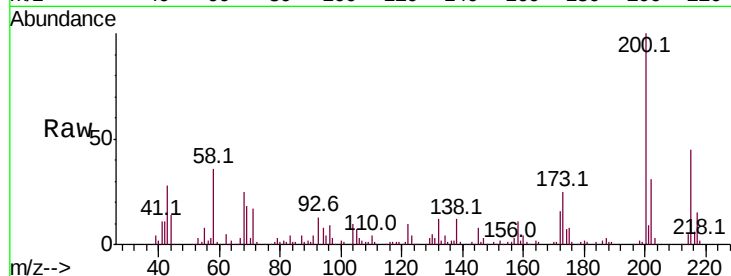
#68
Atrazine
Concen: 35.301 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.0	8.6	48.6
215	45.2	25.1	65.1

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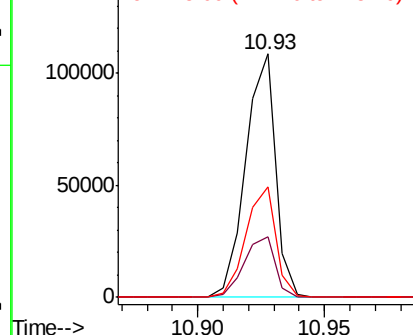


Abundance

Ion 200.00 (199.70 to 200.70): E

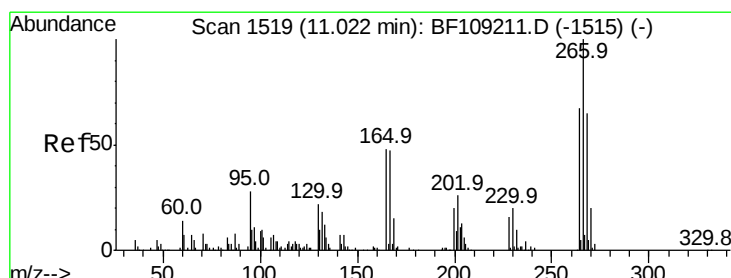
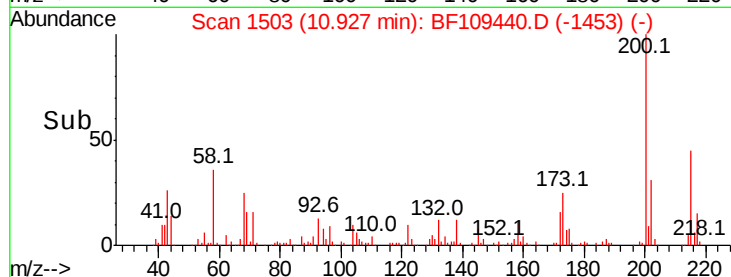
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



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#69
Pentachlorophenol
Concen: 51.522 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

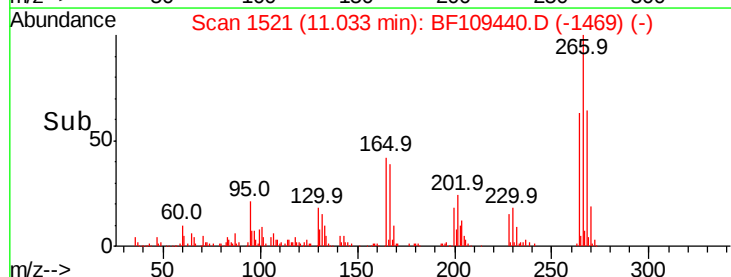
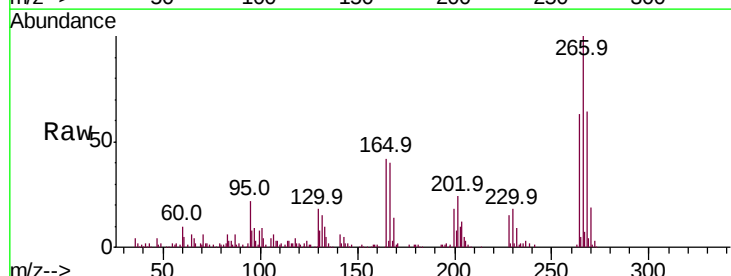
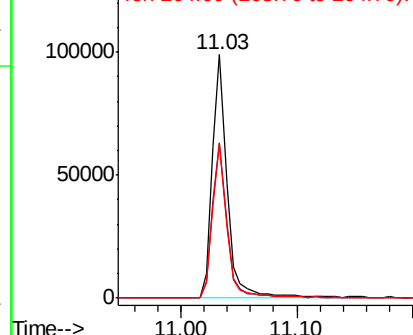
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.0	51.1	76.7
264	63.2	49.5	74.3

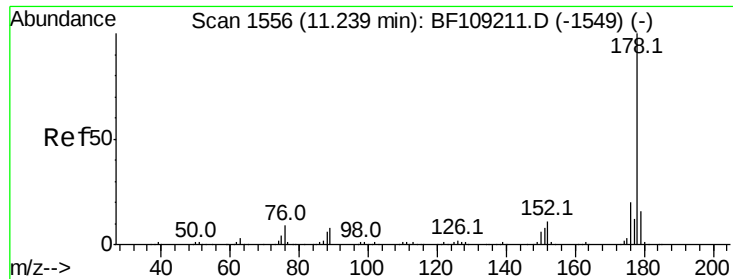
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





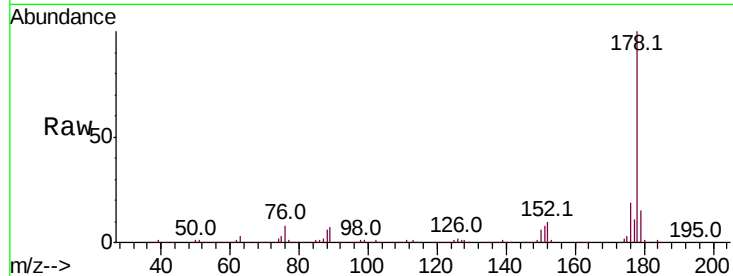
#70
Phenanthrene
Concen: 37.207 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

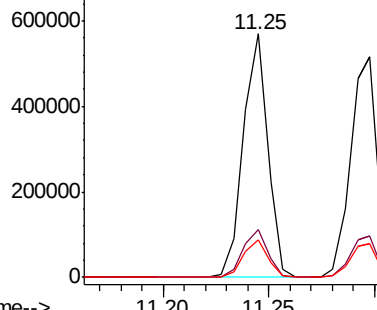
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	13.0	19.6

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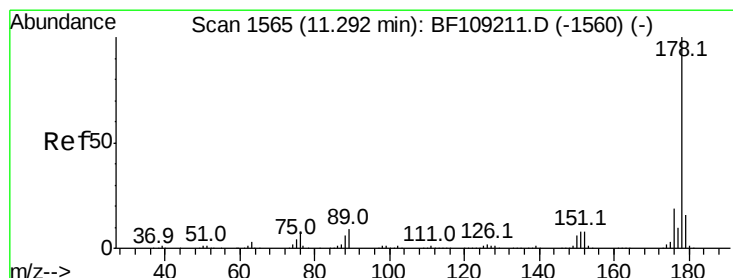
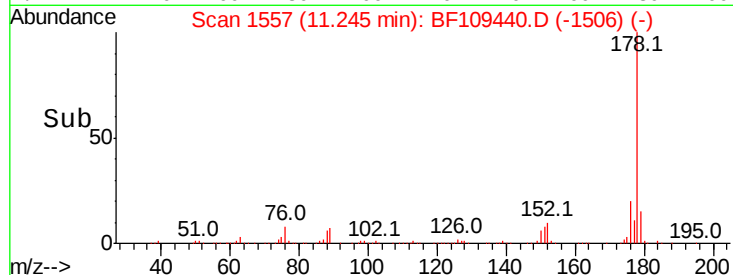


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



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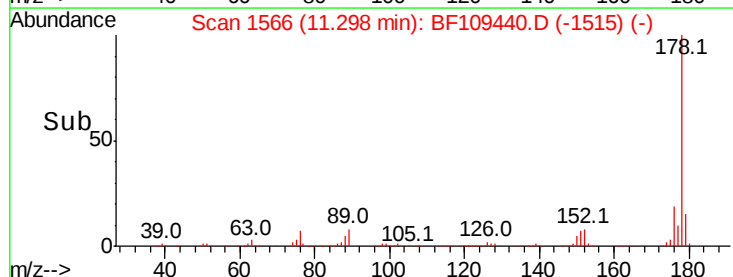
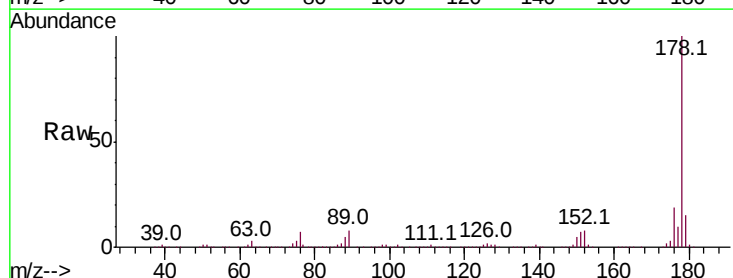
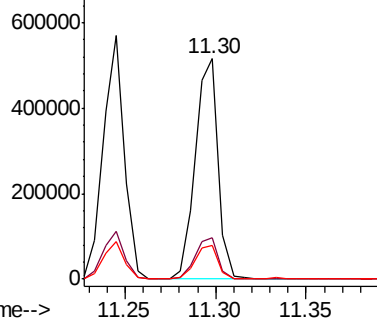
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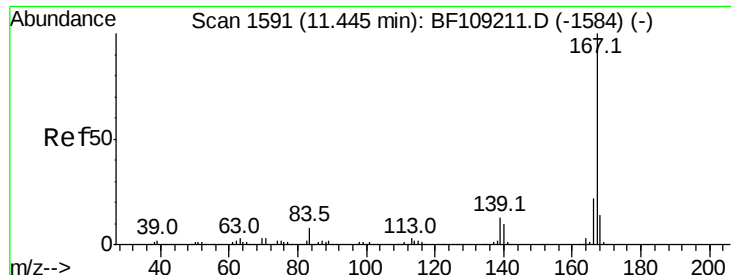


#71
Anthracene
Concen: 35.782 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.0	12.6	19.0

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





#72

Carbazole

Concen: 33.282 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MS

Tot Ion:167 Resp: 415221

Ion Ratio Lower Upper

167 100

166 21.7 17.6 26.4

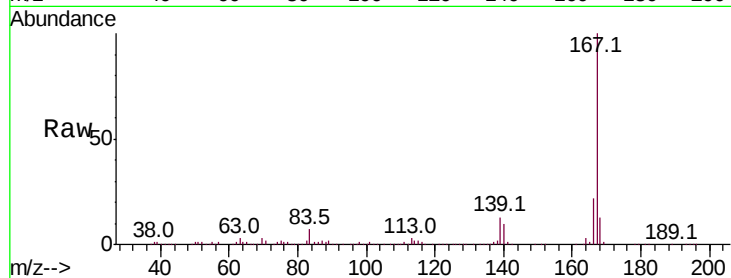
139 12.6 10.9 16.3

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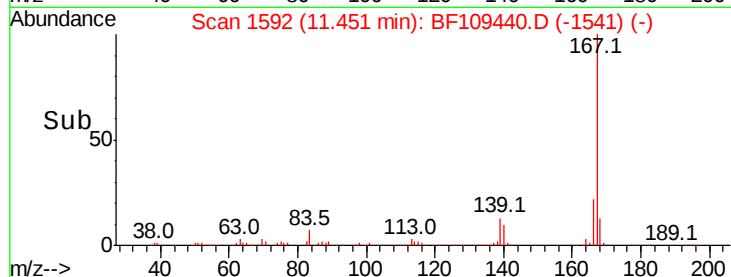
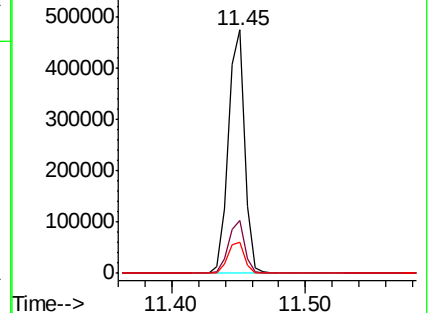
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Abundance Ion 167.00 (166.70 to 167.70): E

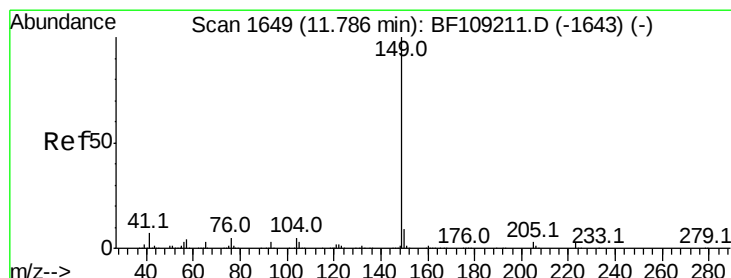
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



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#73

Di-n-butylphthalate

Concen: 34.603 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

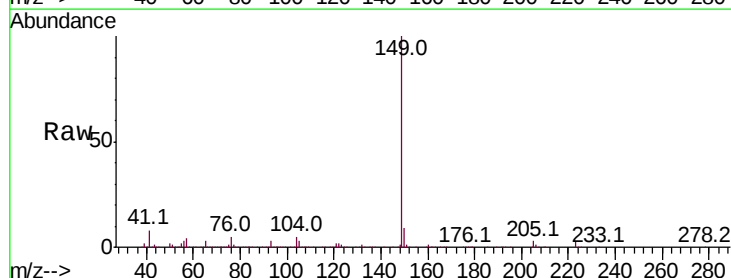
Tgt Ion:149 Resp: 496983

Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

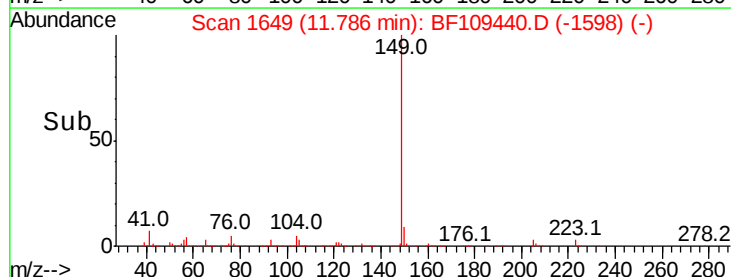
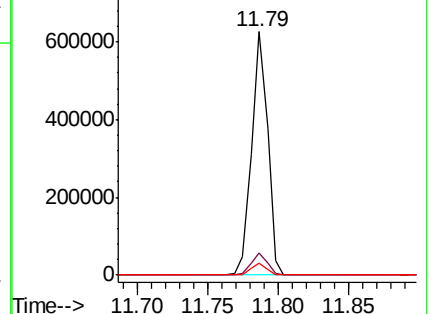
104 4.9 3.8 5.8

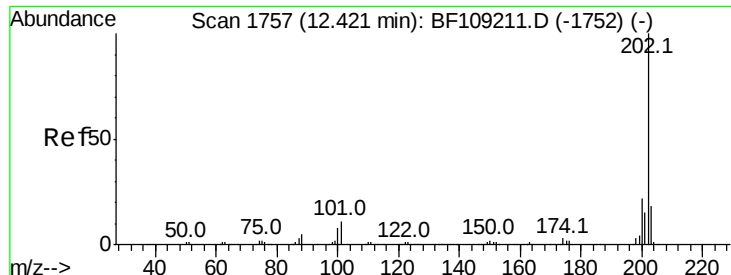


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.449 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.00 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Instrument :

BNA_F

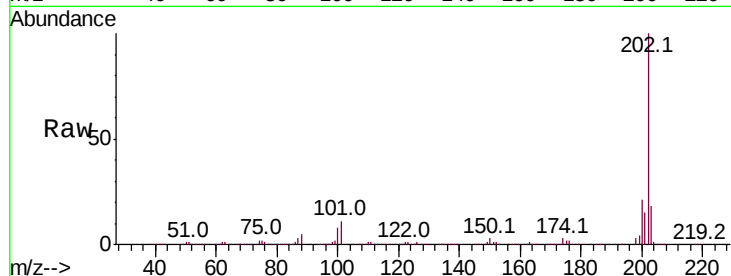
ClientSampleId :

RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.1	0.0	34.1
203	18.1	0.0	38.1

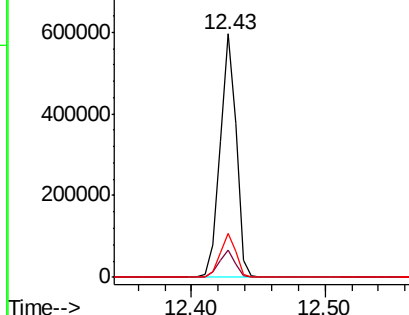
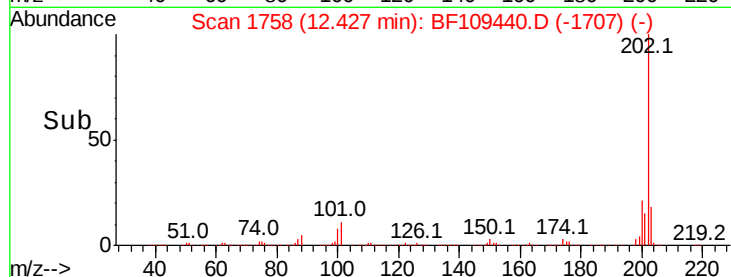
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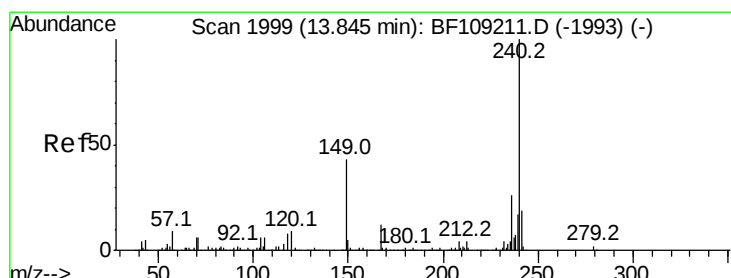
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.43



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#75

Chrysene-d12

Concen: 20.000 ng

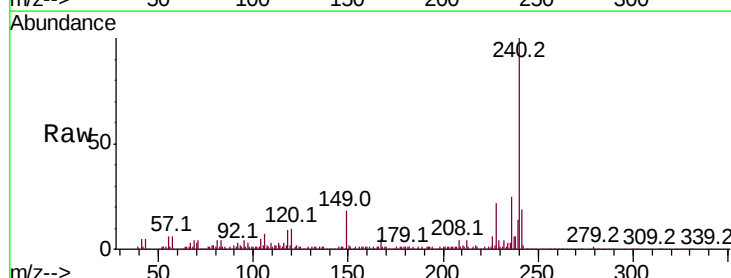
RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF109440.D

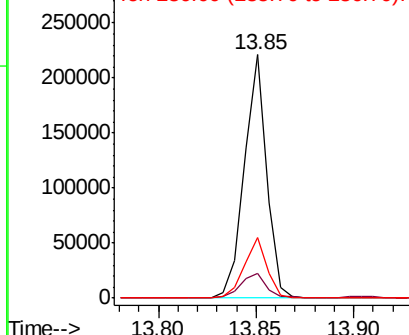
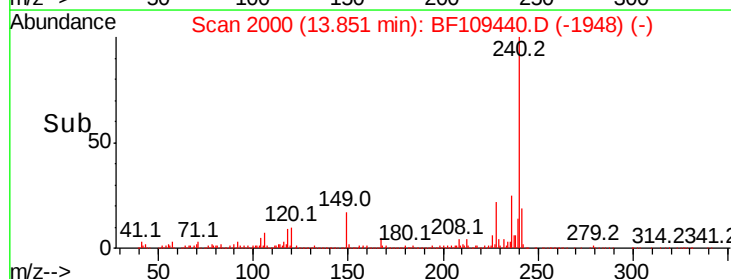
Acq: 28 Sep 2018 19:51

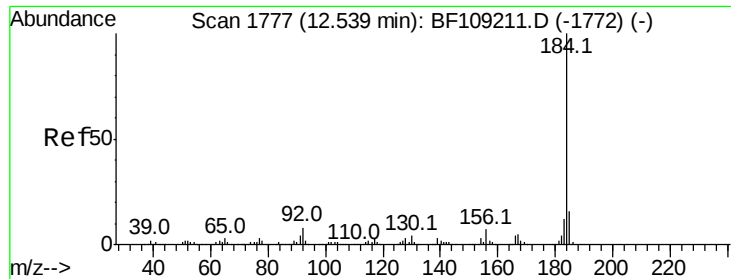
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.2	9.5	14.3
236	24.9	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

13.85





#76

Benzidine

Concen: 43.006 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MS

Tot Ion:184 Resp: 271303

Ion Ratio Lower Upper

184 100

185 14.8 12.6 18.8

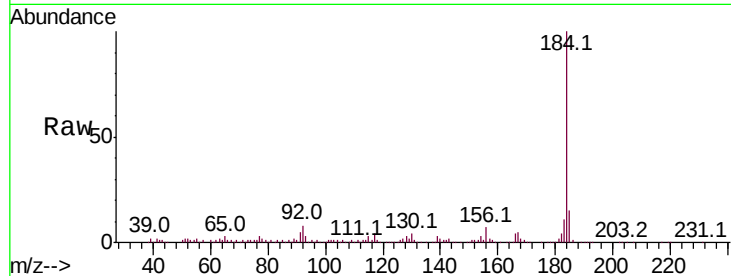
183 11.3 9.3 13.9

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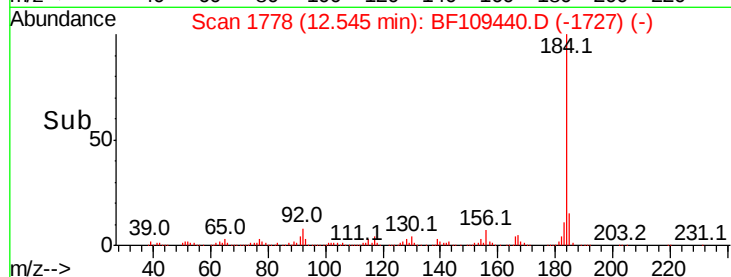
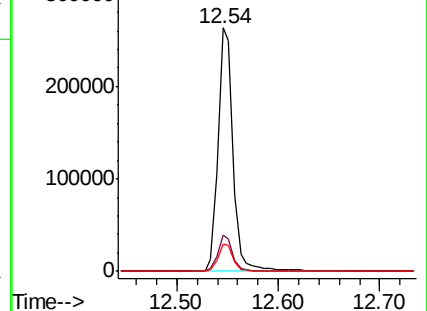
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Abundance Ion 184.00 (183.70 to 184.70): E

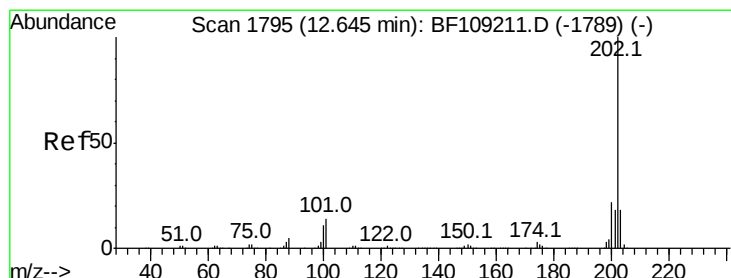
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



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#77

Pyrene

Concen: 39.587 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

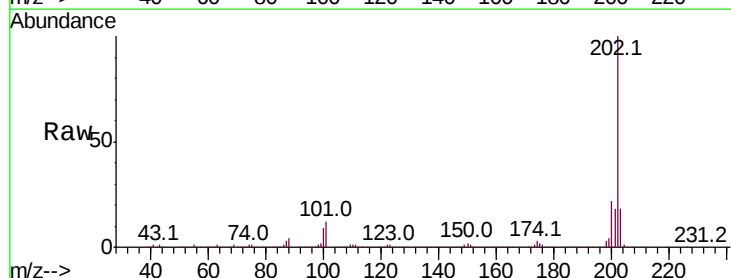
Tgt Ion:202 Resp: 496416

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

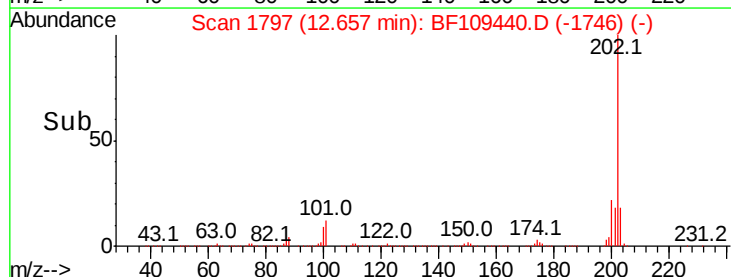
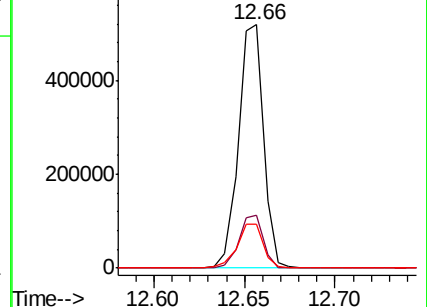
203 18.1 14.3 21.5

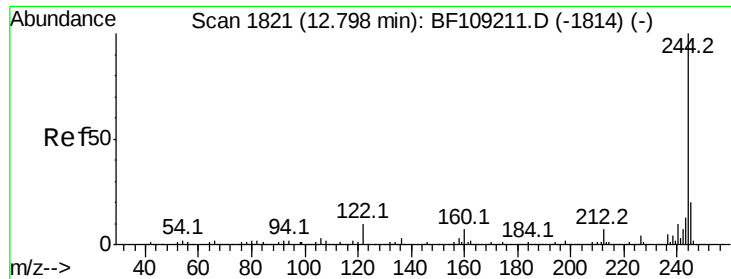


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





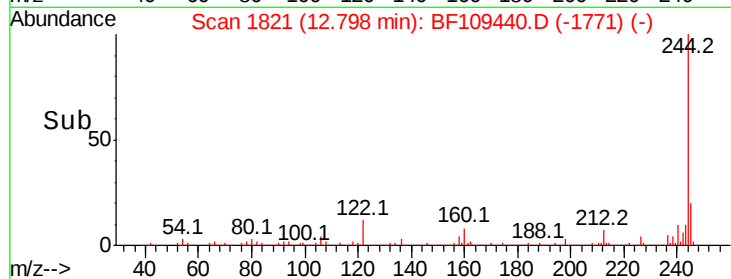
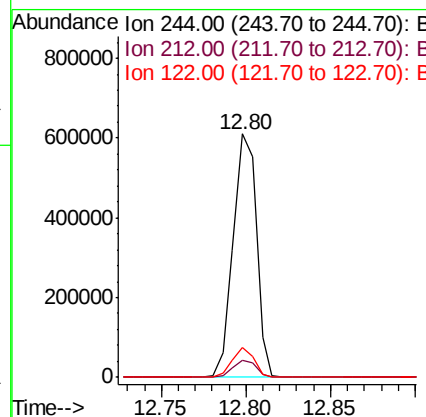
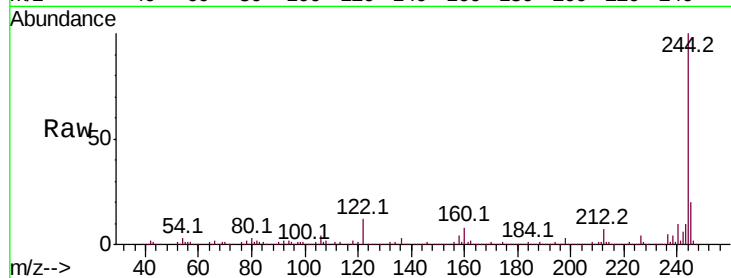
#78
 Terphenyl-d14
 Concen: 82.218 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Instrument :
 BNA_F
 ClientSampleId :
 RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	12.1	11.0	16.4

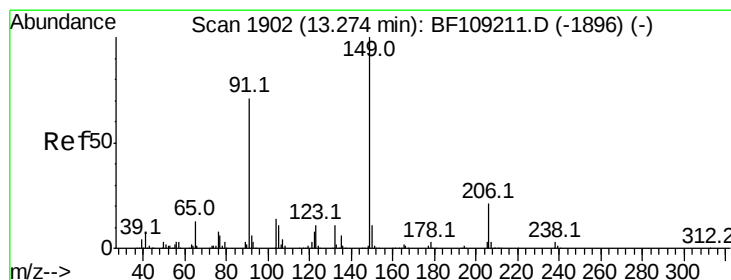
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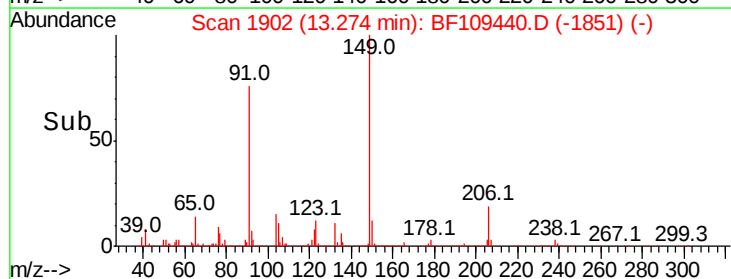
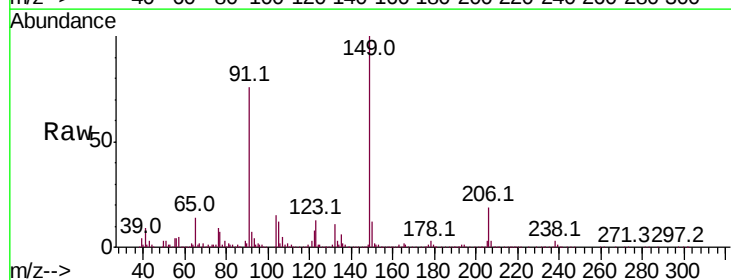
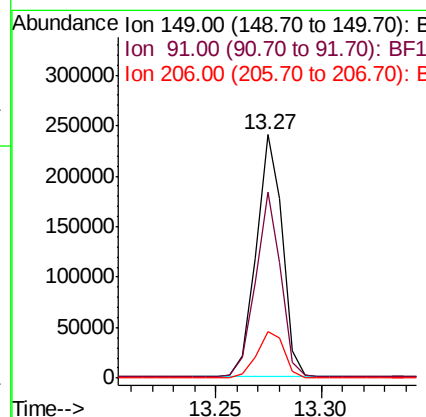
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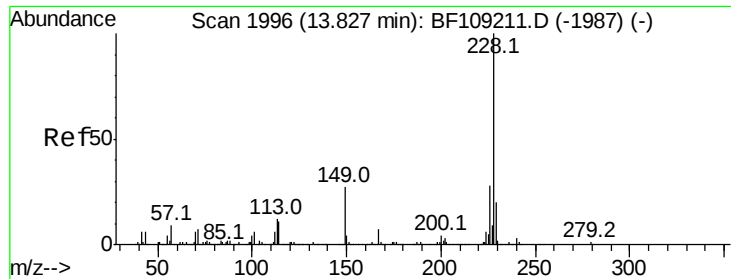
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#79
 Butylbenzylphthalate
 Concen: 38.475 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF109440.D
 Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.4	56.8	85.2
206	18.9	14.1	21.1





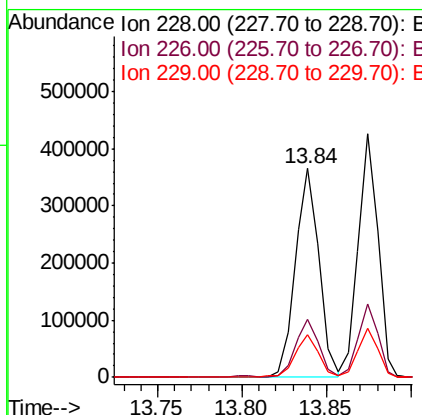
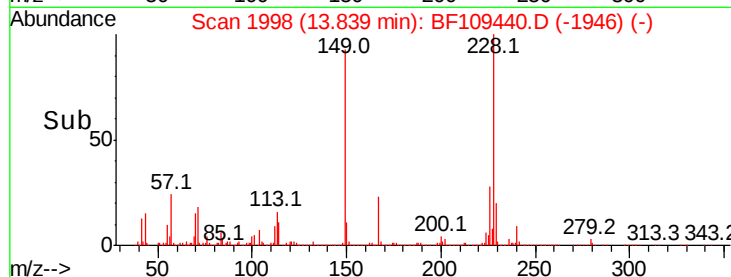
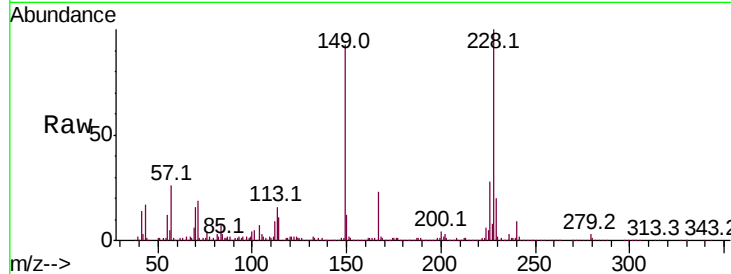
#80
Benzo(a)anthracene
Concen: 33.741 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.4	15.8	23.6

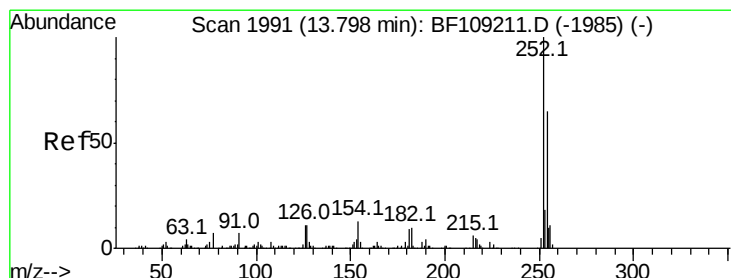
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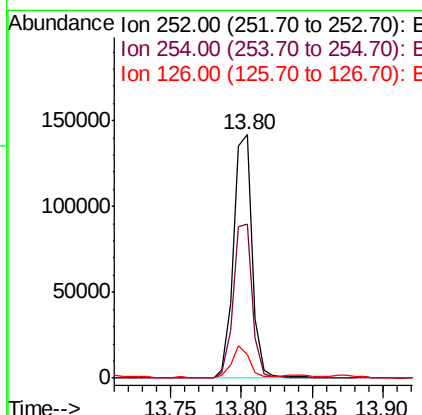
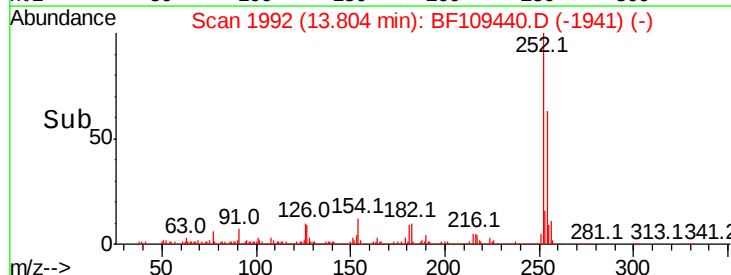
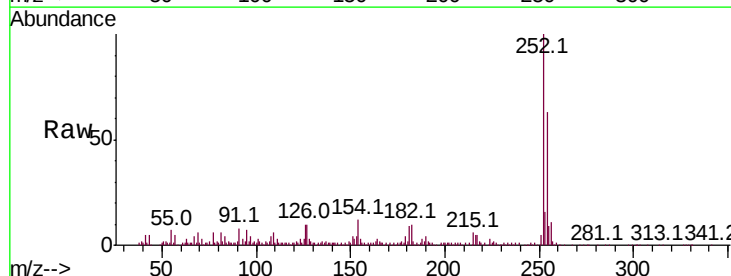
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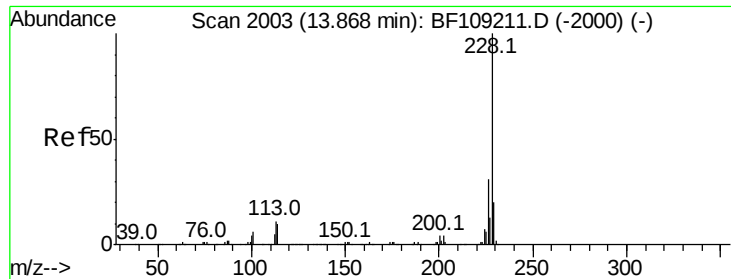
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#81
3,3'-Dichlorobenzidine
Concen: 32.640 ng
RT: 13.80 min Scan# 1992
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.3	50.4	75.6
126	9.8	11.3	16.9





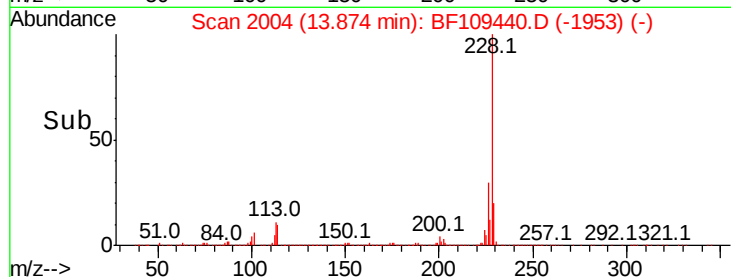
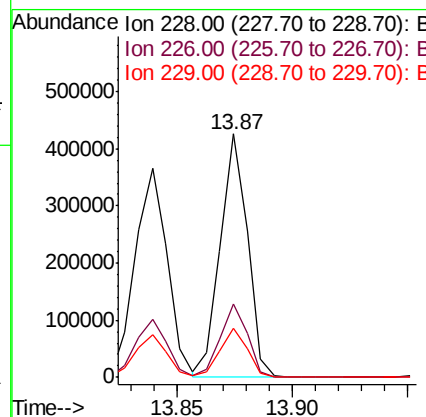
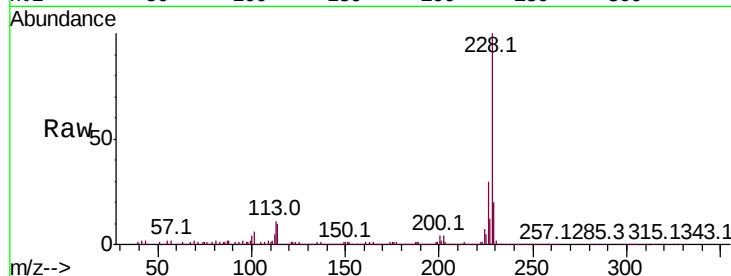
#82
Chrysene
Concen: 33.050 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion:228	Resp:	345226
Ion Ratio	Lower	Upper
228 100		
226 30.2	25.0	37.6
229 20.0	16.2	24.4

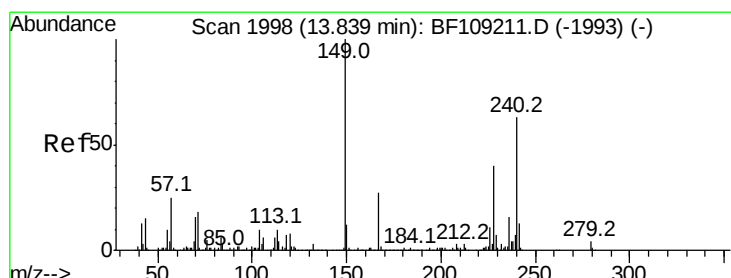
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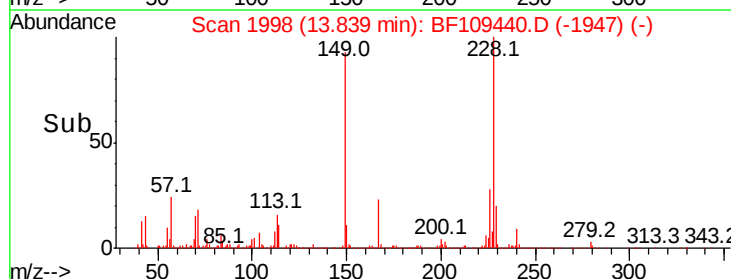
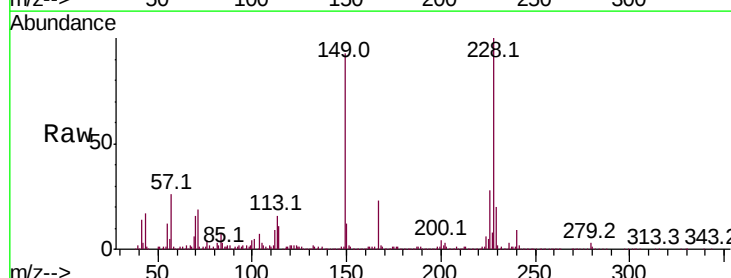
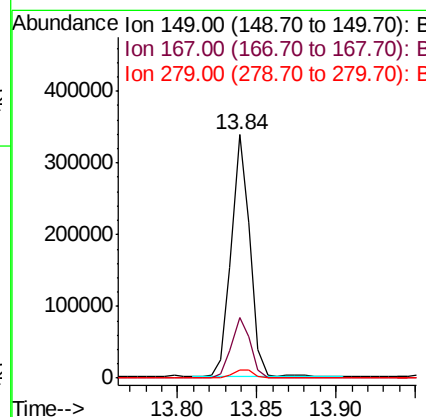
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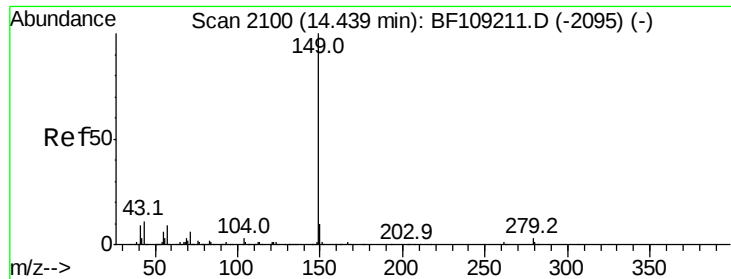
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#83
Bis(2-ethylhexyl)phthalate
Concen: 40.492 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion:149	Resp:	272436
Ion Ratio	Lower	Upper
149 100		
167 24.6	21.3	31.9
279 3.2	3.0	4.4





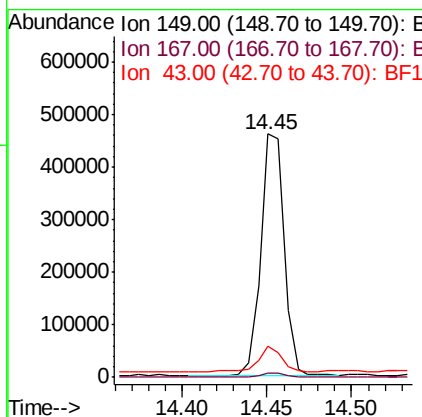
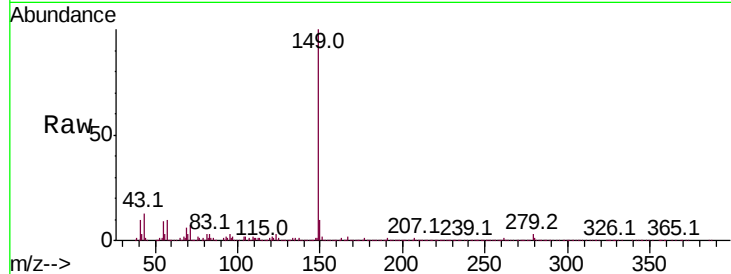
#84
Di-n-octyl phthalate
Concen: 38.081 ng
RT: 14.45 min Scan# 2102
Delta R.T. 0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	10.2	8.4	12.6	

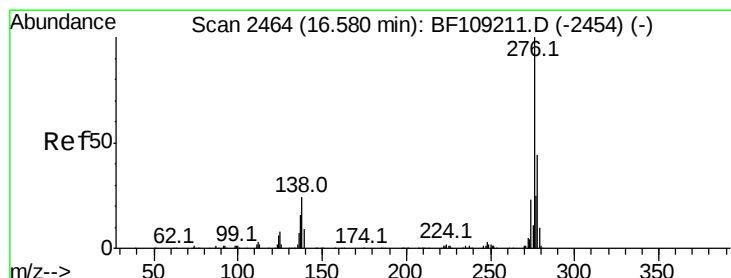
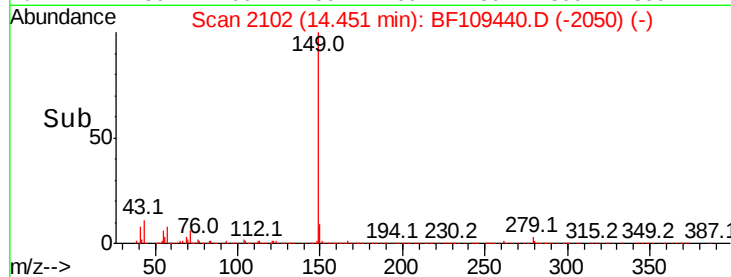
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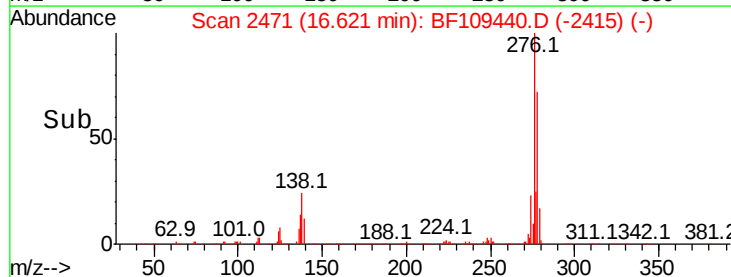
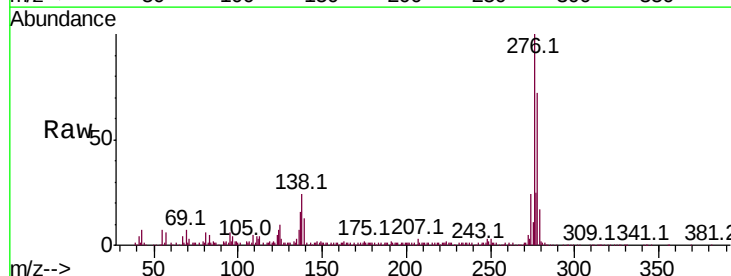
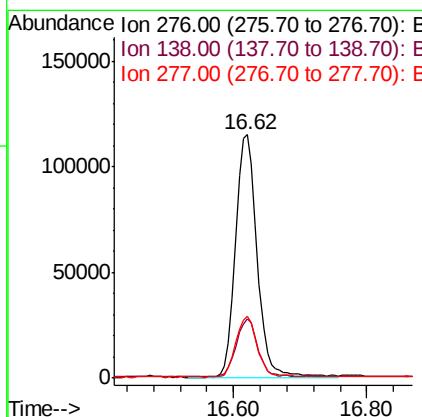
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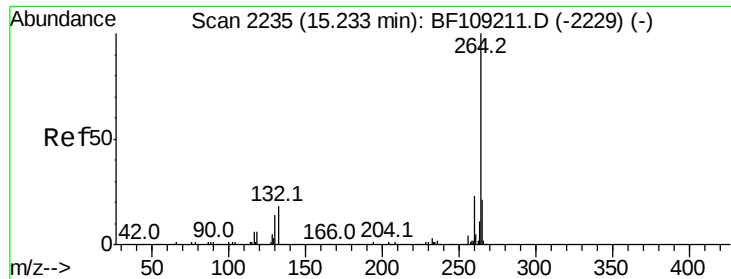
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#85
Indeno(1,2,3-cd)pyrene
Concen: 31.211 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.03 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	23.2	25.0	37.6#	
277	24.5	20.1	30.1	





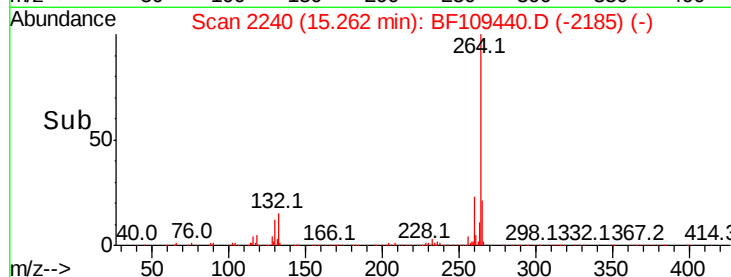
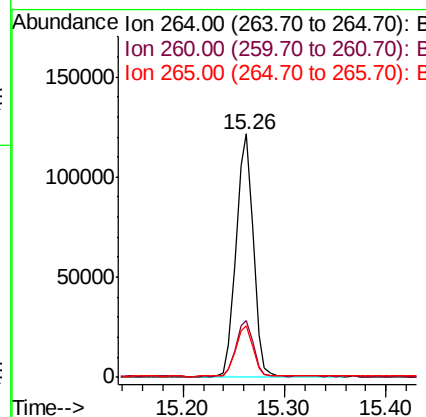
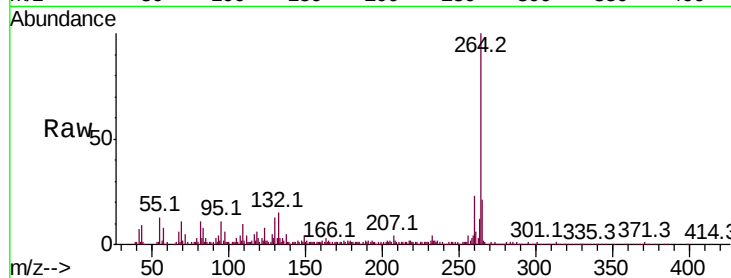
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.1	17.5	26.3

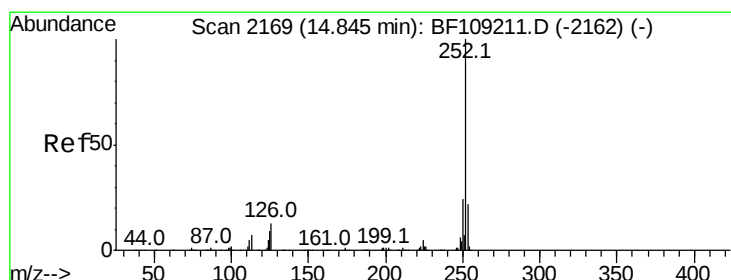
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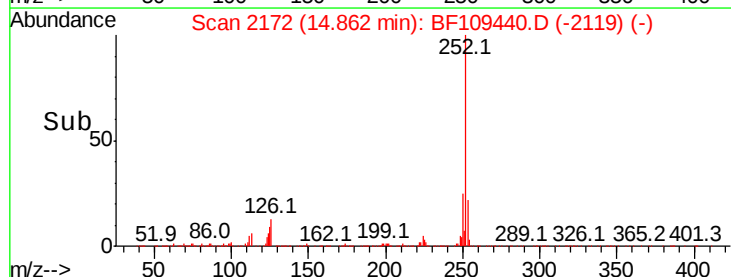
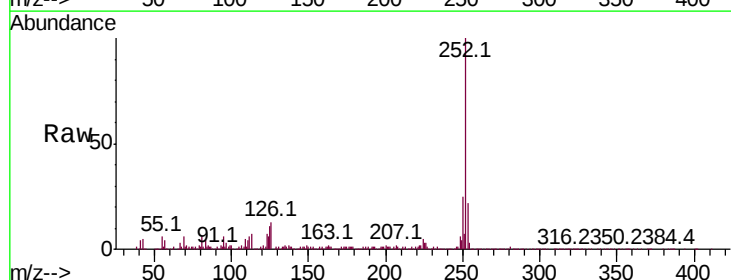
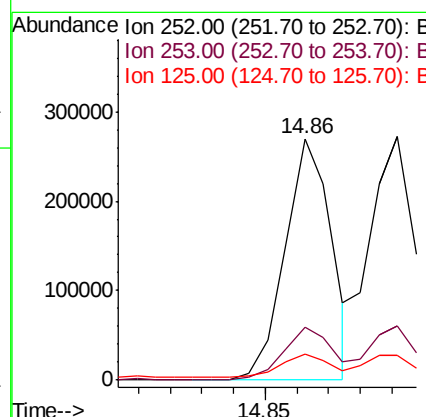
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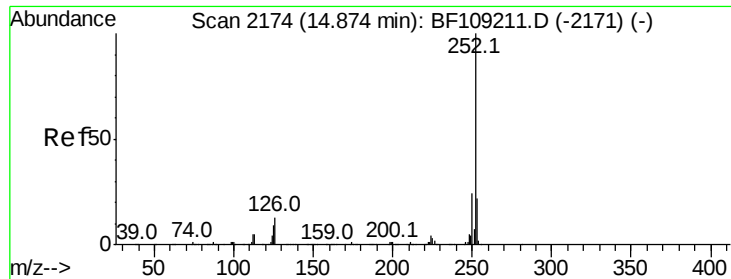
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#87
Benzo(b)fluoranthene
Concen: 34.324 ng
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	10.7	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 35.220 ng

RT: 14.89 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Instrument :

BNA_F

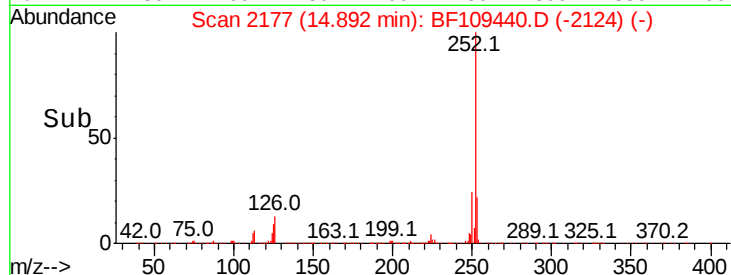
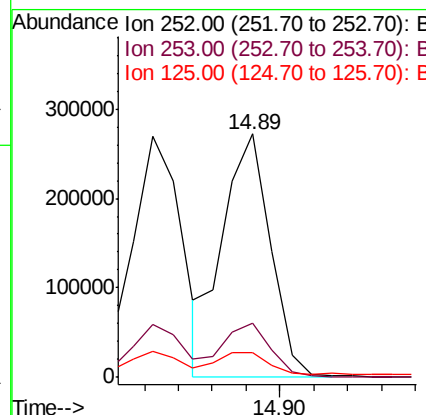
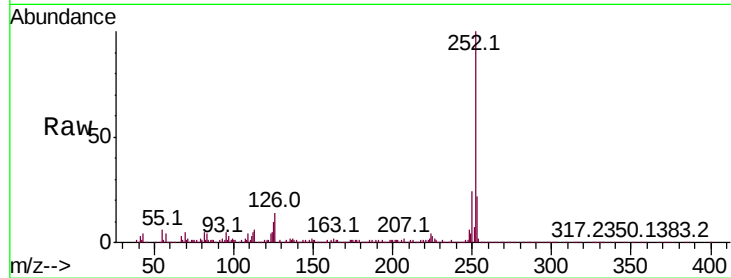
ClientSampleId :

RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	267834		
253	22.1	17.9	26.9	
125	9.9	10.2	15.2	

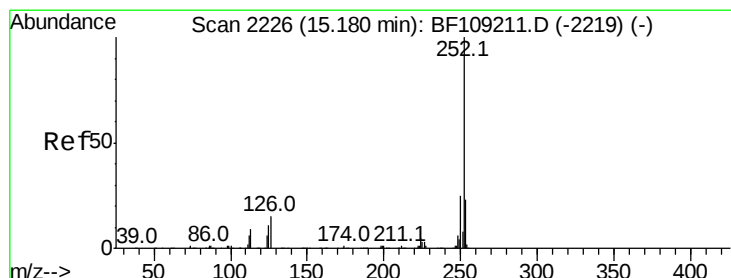
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#89

Benzo(a)pyrene

Concen: 34.964 ng

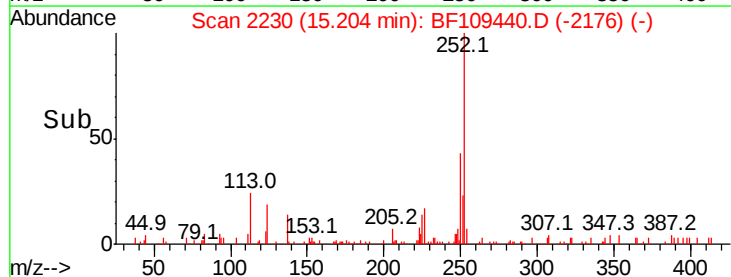
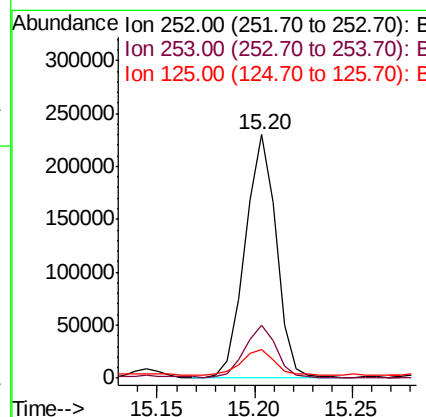
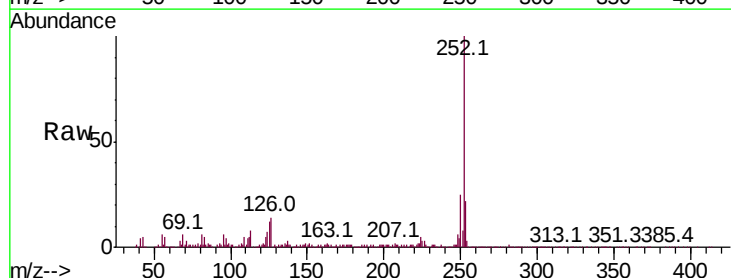
RT: 15.20 min Scan# 2230

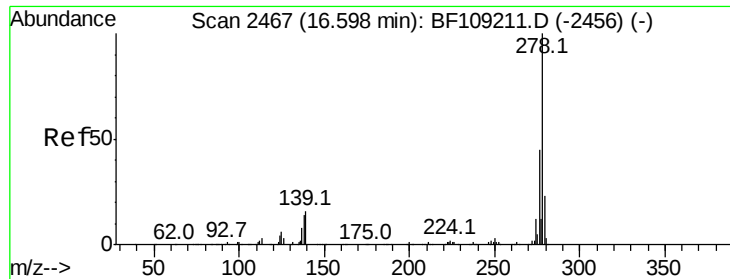
Delta R.T. 0.02 min

Lab File: BF109440.D

Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	252483		
253	21.9	17.1	25.7	
125	11.6	9.8	14.6	





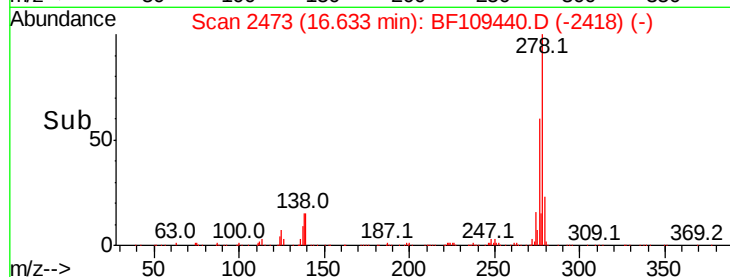
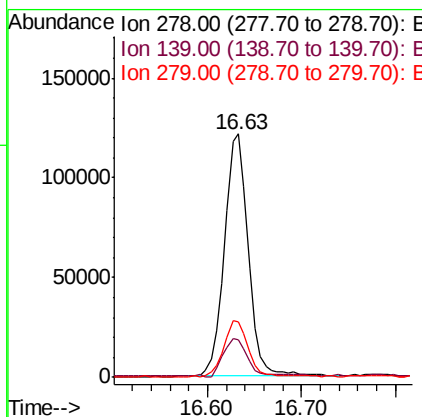
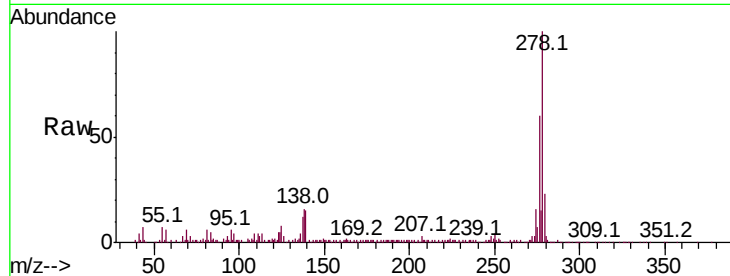
#90
Dibenzo(a,h)anthracene
Concen: 36.287 ng
RT: 16.63 min Scan# 2473
Delta R.T. 0.02 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Instrument :
BNA_F
ClientSampleId :
RA-092518-USTEXC-NW-L-063MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	15.9	23.9#
279	22.9	19.0	28.4

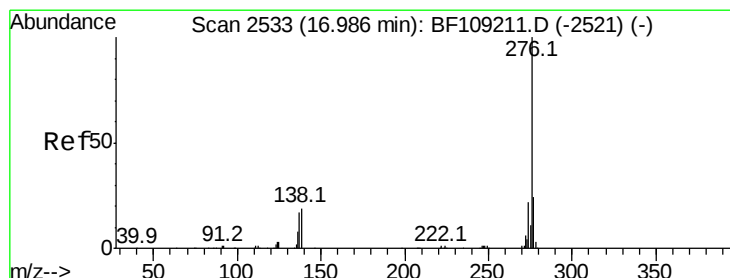
Manual Integrations
APPROVED

Sohil
10/1/2018 9:57:17 AM



Sohil

10/1/2018 9:57:17 AM



#91
Benzo(g,h,i)perylene
Concen: 35.378 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.03 min
Lab File: BF109440.D
Acq: 28 Sep 2018 19:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	17.9	26.9
138	19.8	21.8	32.8#

