

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109441.D
 Acq On : 28 Sep 2018 20:18
 Operator : JU/SJ
 Sample : J5118-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 10/1/2018 9:57:21 AM

Quant Time: Sep 29 05:04:04 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	104634	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	350305	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	136570	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	233984	20.00	ng	0.00
75) Chrysene-d12	13.85	240	172529	20.00	ng	0.00
86) Perylene-d12	15.25	264	139823	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	534528	84.14	ng	0.01
7) Phenol-d6	6.36	99	654816	80.78	ng	0.00
23) Nitrobenzene-d5	7.27	82	402113	67.76	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	115314	85.65	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	605399	66.86	ng	0.00
78) Terphenyl-d14	12.80	244	524196	74.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	76266	26.067	ng	94
3) Pyridine	3.15	79	200239	26.591	ng	91
4) n-Nitrosodimethylamine	3.07	42	102371	31.945	ng	# 99
6) Aniline	6.37	93	206952	19.955	ng	# 1
8) 2-Chlorophenol	6.50	128	204298	28.919	ng	95
9) Benzaldehyde	6.25	77	112062	21.519	ng	98
10) Phenol	6.37	94	284249	30.964	ng	74
11) bis(2-Chloroethyl)ether	6.45	93	200646	27.932	ng	98
12) 1,3-Dichlorobenzene	6.65	146	224057	27.547	ng	99
13) 1,4-Dichlorobenzene	6.73	146	230480	28.127	ng	98
14) 1,2-Dichlorobenzene	6.88	146	212517	28.114	ng	99
15) Benzyl Alcohol	6.86	79	174010	28.044	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	278022	27.286	ng	93
17) 2-Methylphenol	6.97	107	163050	28.525	ng	97
18) Hexachloroethane	7.22	117	62613	21.688	ng	97
19) n-Nitroso-di-n-propylamine	7.13	70	143797	27.072	ng	98
20) 3+4-Methylphenols	7.13	107	195413	28.316	ng	89
22) Acetophenone	7.12	105	279929	34.563	ng	# 95
24) Nitrobenzene	7.29	77	206762	32.769	ng	98
25) Isophorone	7.53	82	376222	35.207	ng	98
26) 2-Nitrophenol	7.61	139	67169	26.919	ng	98
27) 2,4-Dimethylphenol	7.66	122	166095	35.672	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	242504	34.282	ng	98
29) 2,4-Dichlorophenol	7.85	162	151826	31.035	ng	98
30) 1,2,4-Trichlorobenzene	7.94	180	160752	29.407	ng	94
31) Naphthalene	8.02	128	528961	32.314	ng	99
32) Benzoic acid	7.78	122	2577m	7.496	ng	
33) 4-Chloroaniline	8.06	127	167840	23.470	ng	97
34) Hexachlorobutadiene	8.14	225	101077	30.672	ng	96
35) Caprolactam	8.42	113	40459	25.904	ng	# 77
36) 4-Chloro-3-methylphenol	8.55	107	143535	27.883	ng	96
37) 2-Methylnaphthalene	8.70	142	331640	31.427	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	149145	34.315	ng	97
40) Hexachlorocyclopentadiene	8.86	237	8957	4.725	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	90768	32.539	nq	99
43) 2,4,5-Trichlorophenol	9.03	196	93181	31.628	nq	96
45) 1,1'-Biphenyl	9.17	154	375207	33.720	nq	97
46) 2-Chloronaphthalene	9.19	162	275863	31.033	nq	97
47) 2-Nitroaniline	9.29	65	96205	38.172	nq	98
48) Acenaphthylene	9.60	152	427779	31.899	nq	100
49) Dimethylphthalate	9.47	163	437446	44.039	nq	98
50) 2,6-Dinitrotoluene	9.53	165	56090	28.511	nq	93
51) Acenaphthene	9.77	154	247283	30.500	nq	98
52) 3-Nitroaniline	9.69	138	83823	36.792	nq	97
54) Dibenzofuran	9.95	168	359903	29.848	nq	98
55) 4-Nitrophenol	9.86	139	91026	53.037	nq	97
56) 2,4-Dinitrotoluene	9.93	165	64310	25.836	nq	# 96
57) Fluorene	10.29	166	272356	31.658	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	70137	30.067	nq	88
59) Diethylphthalate	10.16	149	311489	30.967	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	130323	29.002	nq	94
61) 4-Nitroaniline	10.30	138	81758	36.797	nq	96
62) Azobenzene	10.44	77	275876	26.398	nq	95
64) 4,6-Dinitro-2-methylphenol	10.34	198	300	6.797	nq	# 18
65) n-Nitrosodiphenylamine	10.40	169	254006	32.857	nq	94
66) 4-Bromophenyl-phenylether	10.77	248	81200	31.251	nq	# 87
67) Hexachlorobenzene	10.84	284	83167	30.138	nq	# 91
68) Atrazine	10.93	200	78875	33.174	nq	94
69) Pentachlorophenol	11.03	266	79078	47.879	nq	98
70) Phenanthrene	11.25	178	500465	42.838	nq	99
71) Anthracene	11.29	178	419150	35.373	nq	99
72) Carbazole	11.45	167	373092	31.646	nq	99
73) Di-n-butylphthalate	11.79	149	448341	33.034	nq	99
74) Fluoranthene	12.43	202	609223	48.796	nq	97
76) Benzidine	12.55	184	230807	37.104	nq	98
77) Pyrene	12.66	202	578302	46.770	nq	99
79) Butylbenzylphthalate	13.27	149	192019	36.502	nq	96
80) Benzo(a)anthracene	13.84	228	378958	36.466	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	121054	30.651	nq	99
82) Chrysene	13.87	228	357518	34.711	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	255283	38.479	nq	98
84) Di-n-octyl phthalate	14.44	149	413268	36.432	nq	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	254967	30.539	nq	# 92
87) Benzo(b)fluoranthene	14.86	252	299831	39.024	nq	98
88) Benzo(k)fluoranthene	14.88	252	246551	33.817	nq	97
89) Benzo(a)pyrene	15.20	252	260452	37.620	nq	97
90) Dibenzo(a,h)anthracene	16.62	278	199332	35.095	nq	# 95
91) Benzo(g,h,i)perylene	17.02	276	209464	37.524	nq	# 92

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

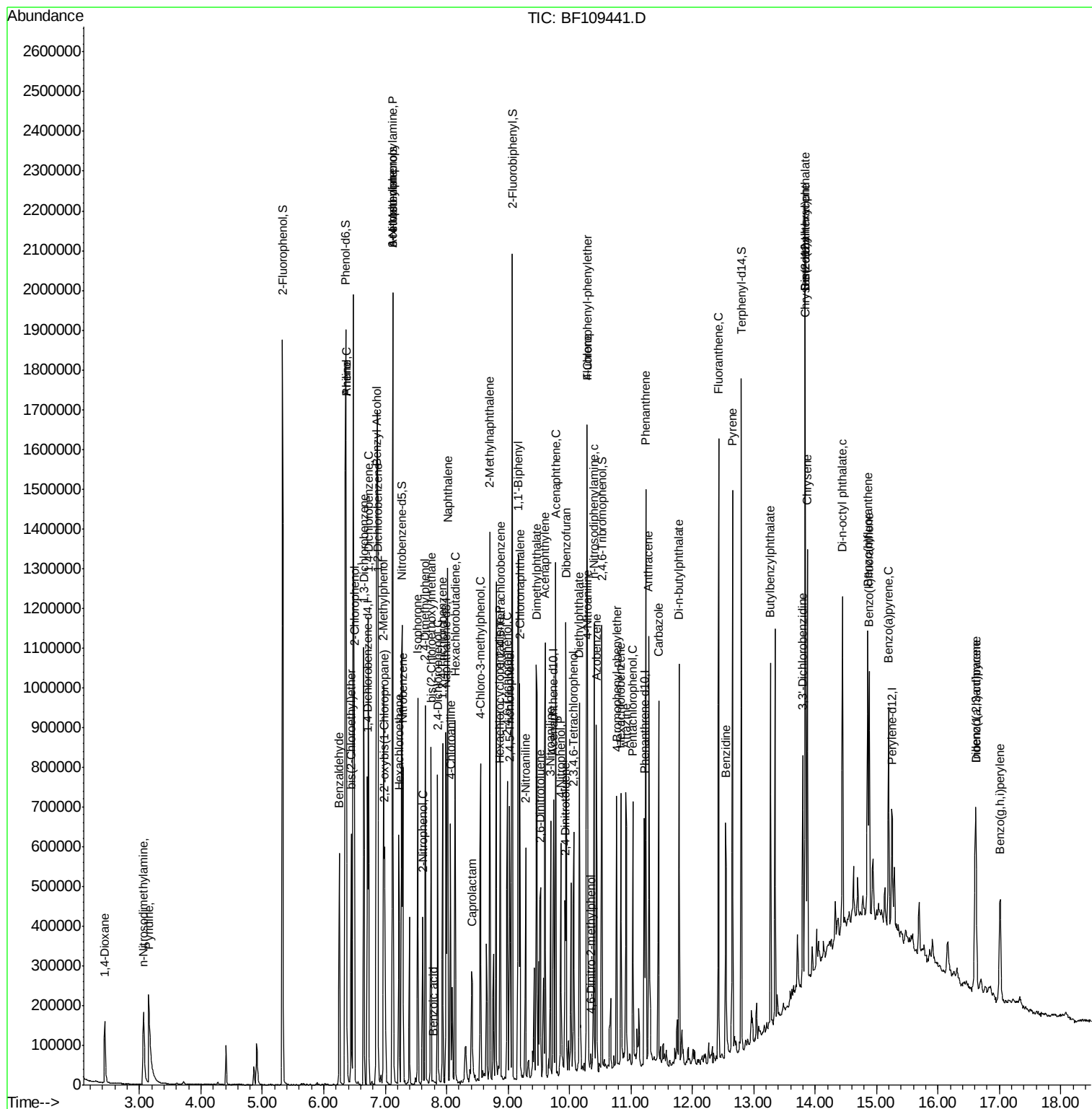
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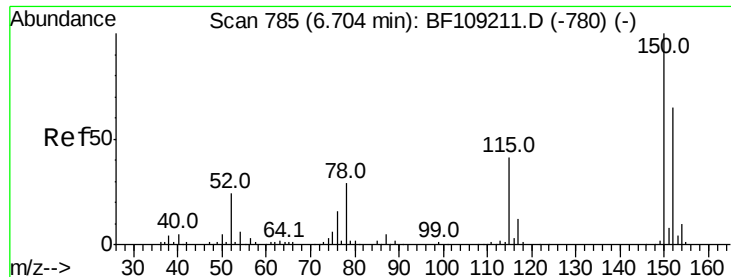
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#1

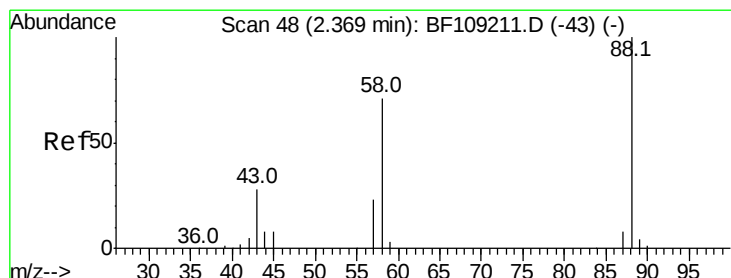
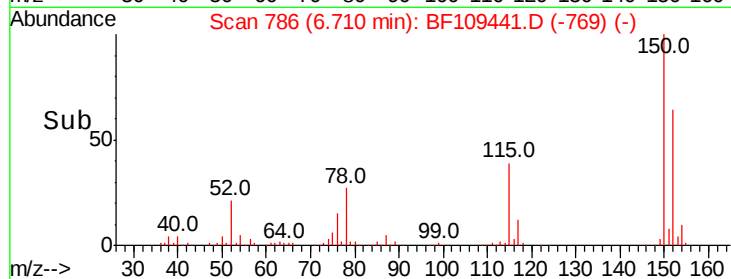
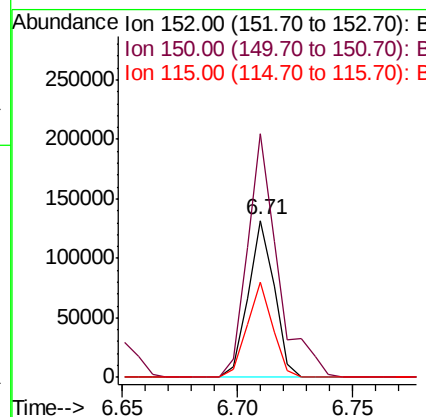
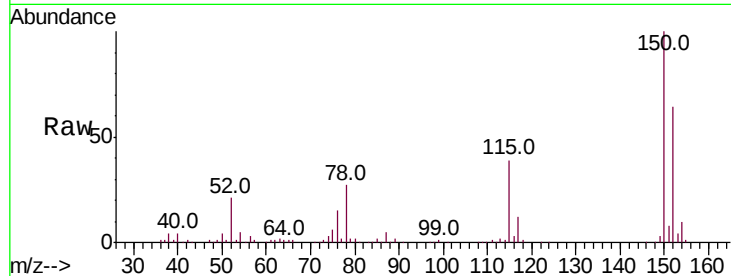
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	60.8	50.1	75.1

Manual Integrations
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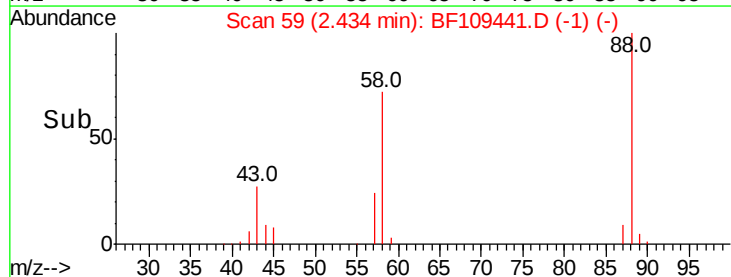
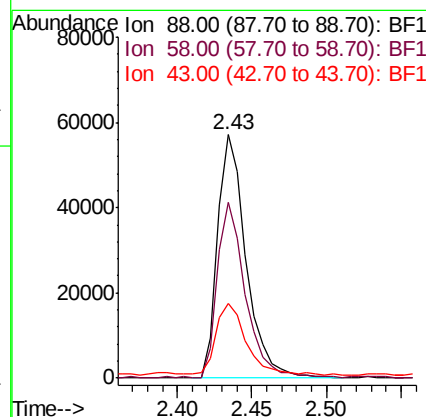
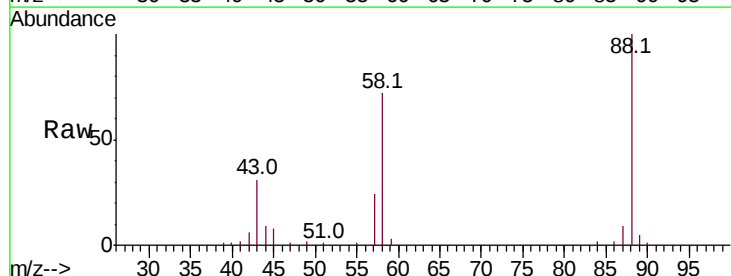
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#2

1,4-Dioxane
Concen: 26.067 ng
RT: 2.43 min Scan# 59
Delta R.T. 0.06 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	62.6	93.8
43	31.1	24.6	37.0





#3

Pvridine

Concen: 26.591 ng

RT: 3.15 min Scan# 180

Delta R.T. 0.08 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

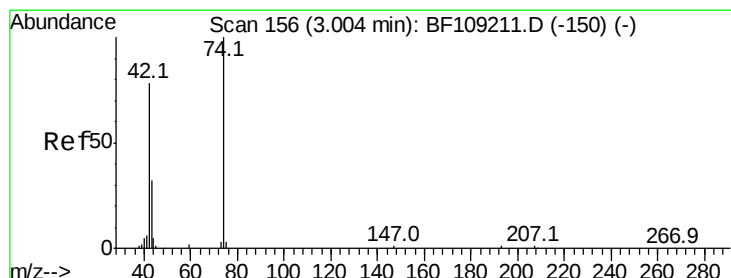
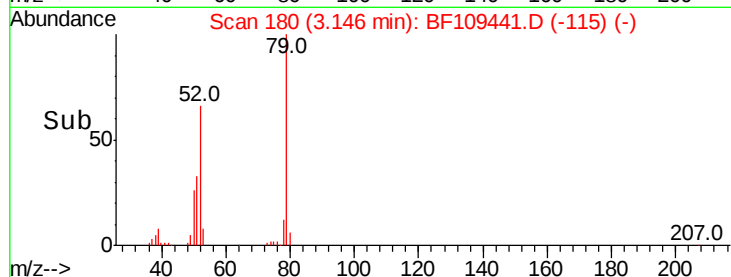
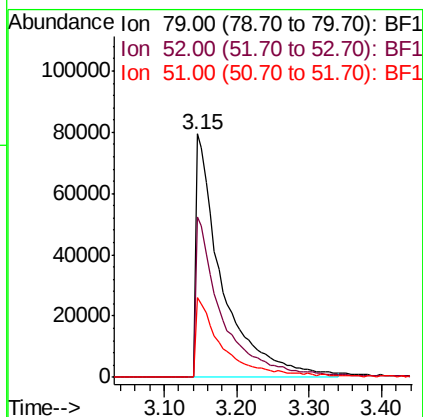
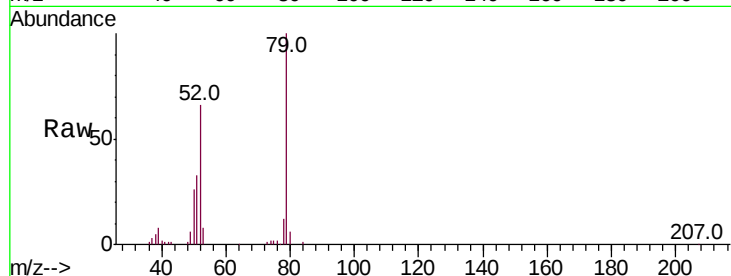
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		200239		
52	66.1	59.8	89.6		
51	32.9	29.8	44.8		

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#4

n-Nitrosodimethylamine

Concen: 31.945 ng

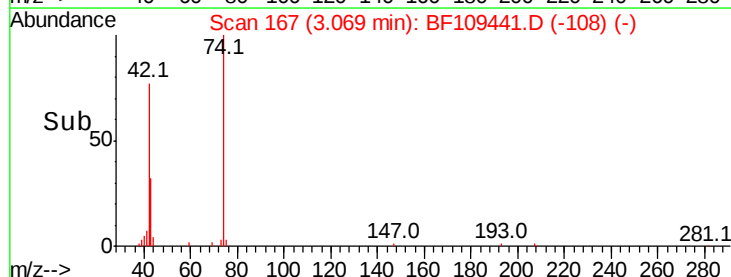
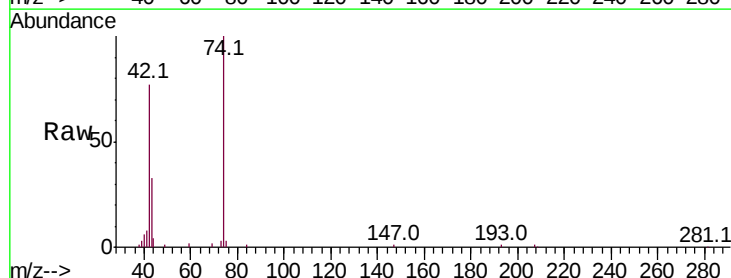
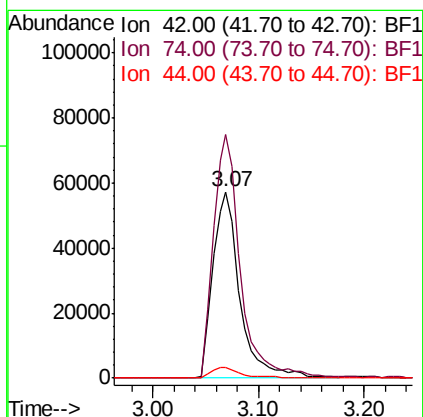
RT: 3.07 min Scan# 167

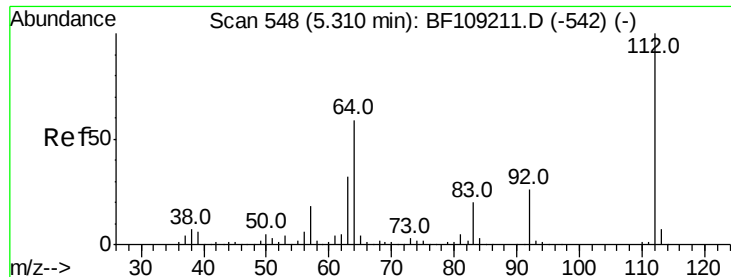
Delta R.T. 0.05 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		102371		
74	130.5	104.9	157.3		
44	5.9	6.9	10.3#		





#5

2-Fluorophenol

Concen: 84.142 ng

RT: 5.33 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

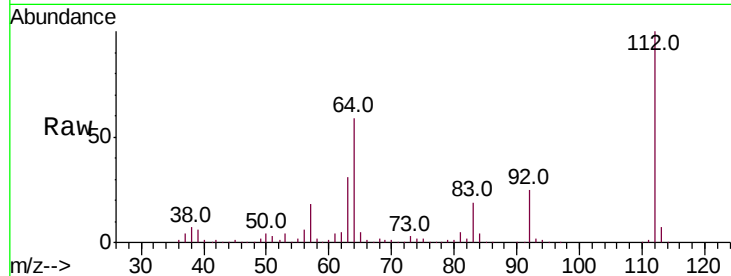
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

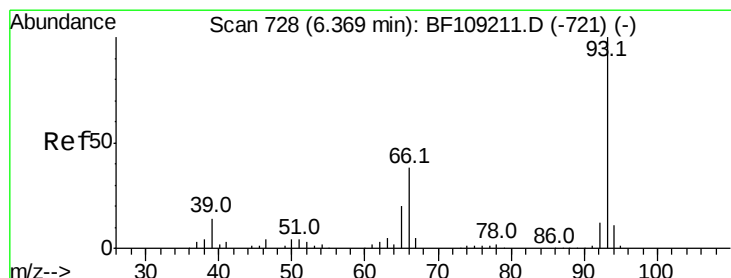
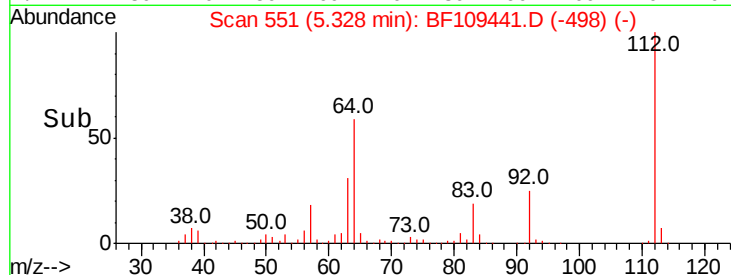
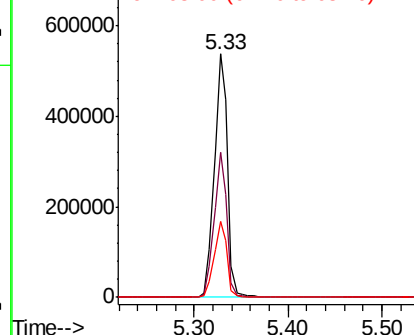
Tot Ion:	112	Resp:	534528
Ion Ratio	Lower	Upper	
112	100		
64	59.3	47.9	71.9
63	31.1	23.7	35.5

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



#6

Aniline

Concen: 19.955 ng

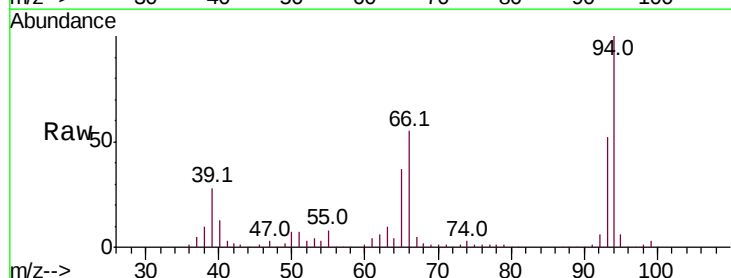
RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

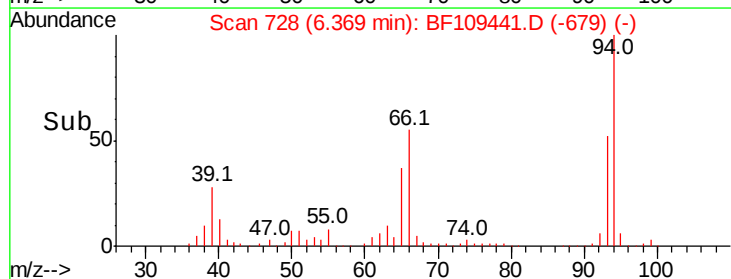
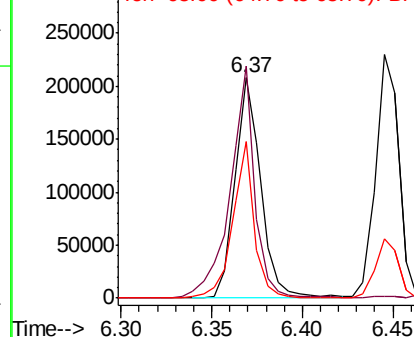
Lab File: BF109441.D

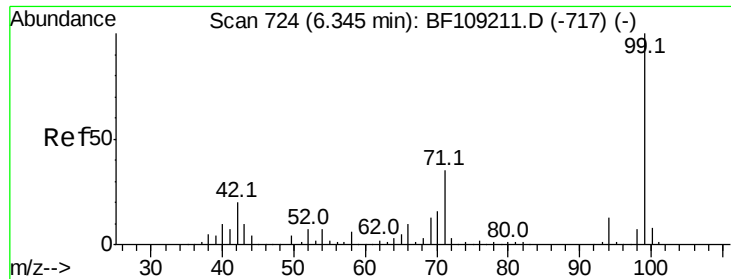
Acq: 28 Sep 2018 20:18

Tgt Ion:	93	Resp:	206952
Ion Ratio	Lower	Upper	
93	100		
66	105.3	32.2	48.2#
65	71.0	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: 80.779 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

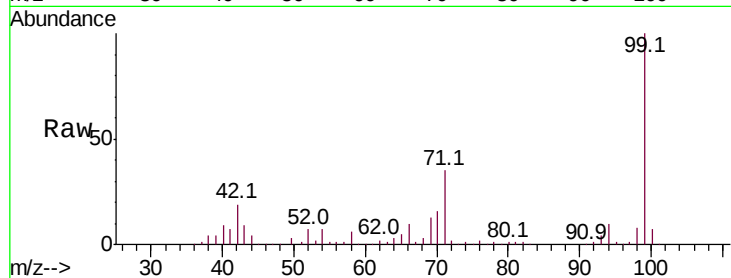
ClientSampleId :

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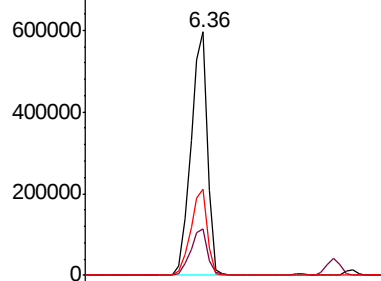
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		654816		
42	19.0	14.5	21.7		
71	35.2	25.4	38.0		

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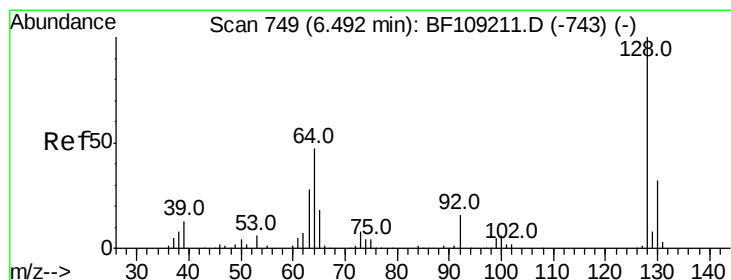
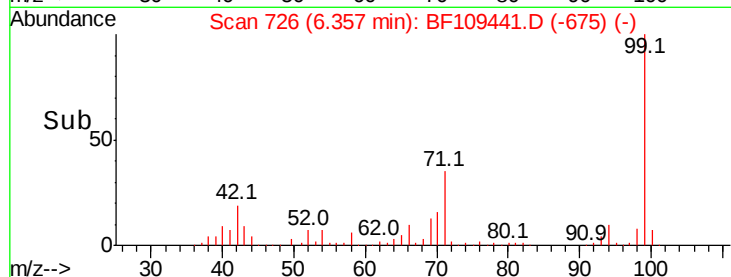
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 28.919 ng

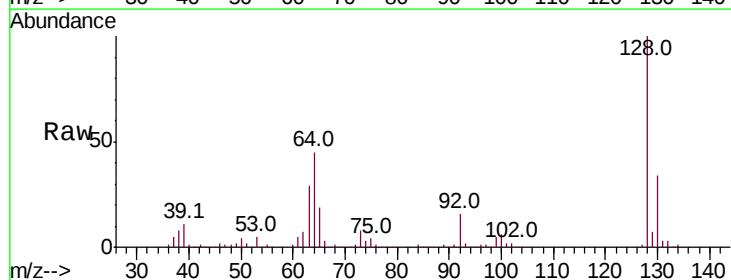
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

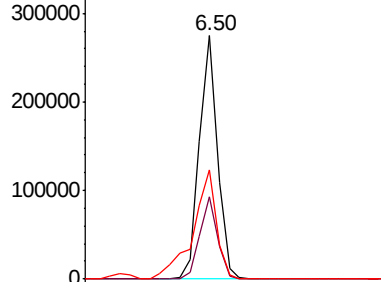
Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

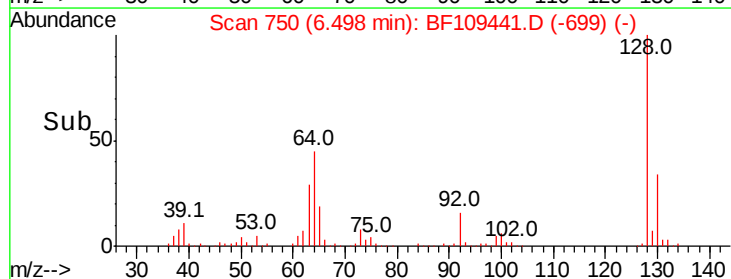
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		204298		
130	33.6	13.0	53.0		
64	44.7	29.4	69.4		

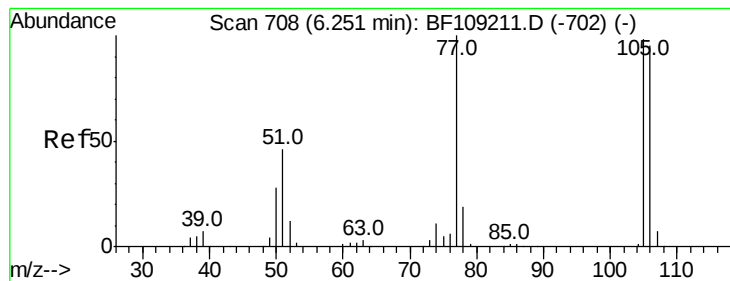


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 21.519 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

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RA-092518-USTEXC-NW-L-063MSD

Tot Ion: 77 Resp: 112062

Ion Ratio Lower Upper

77 100

105 97.0 81.1 121.1

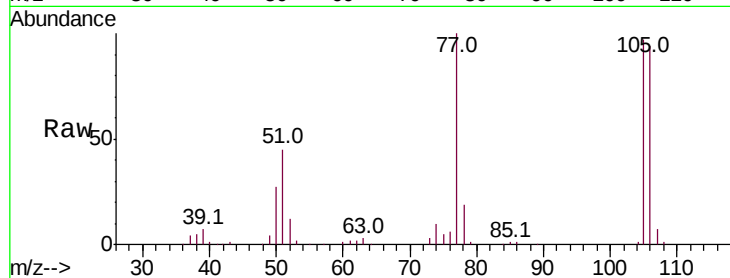
106 94.0 74.5 114.5

Manual Integrations

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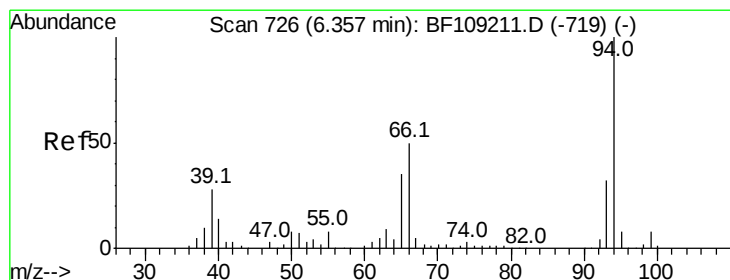
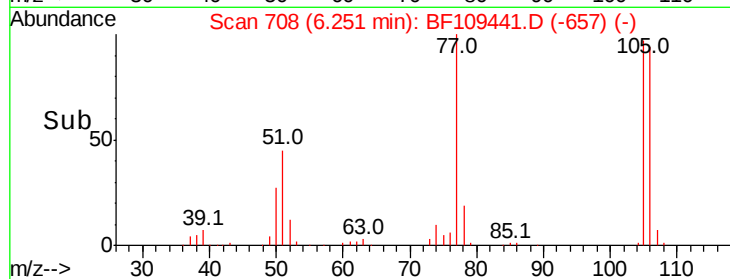
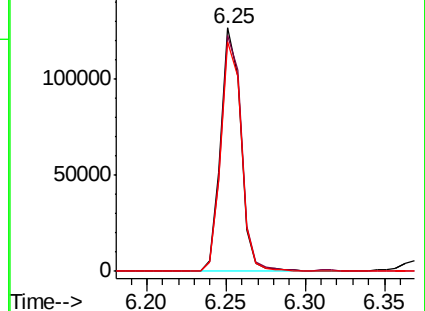
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.964 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

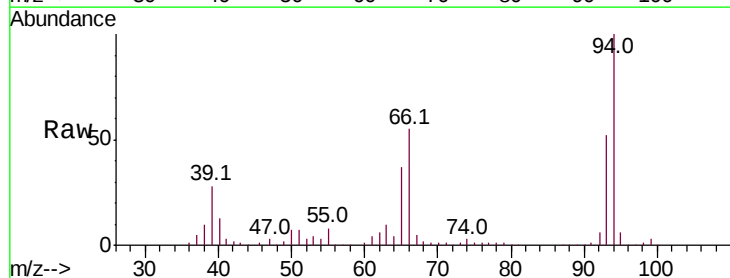
Tgt Ion: 94 Resp: 284249

Ion Ratio Lower Upper

94 100

65 37.2 7.9 47.9

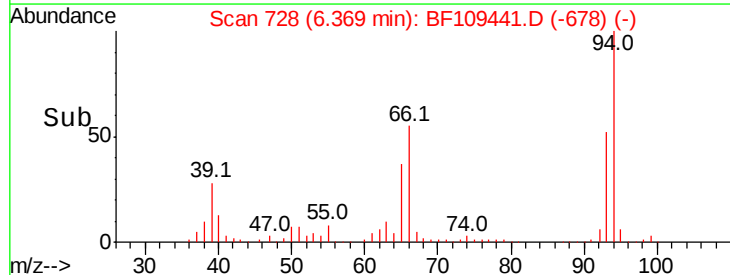
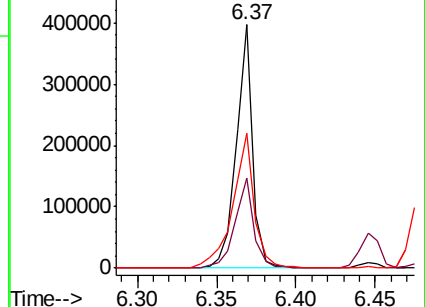
66 55.2 16.2 56.2

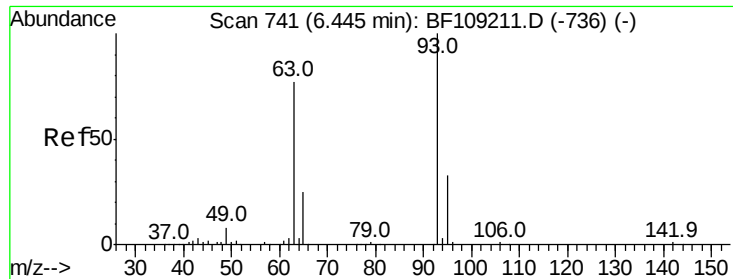


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





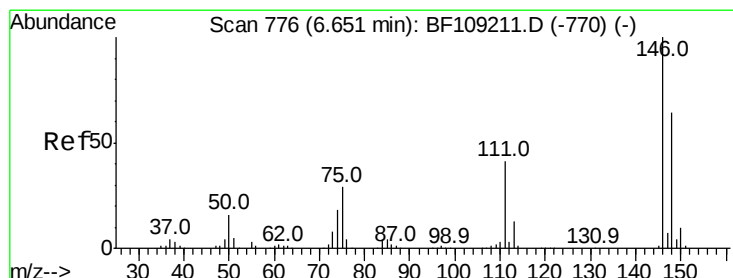
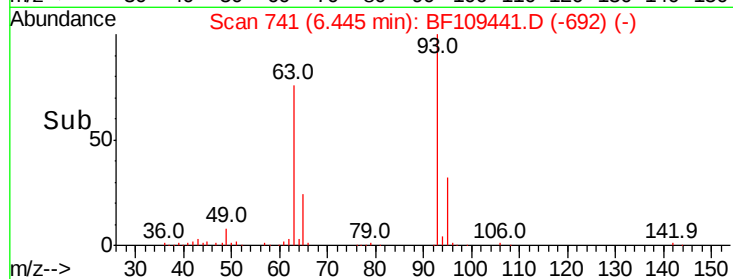
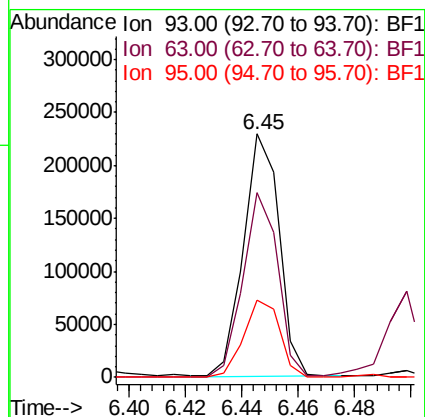
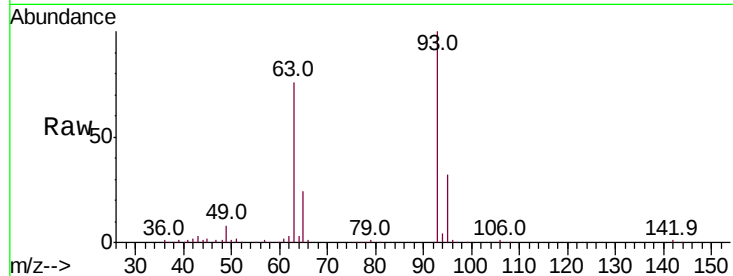
#11
bis(2-Chloroethyl)ether
Concen: 27.932 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	58.6	98.6
95	31.5	11.8	51.8

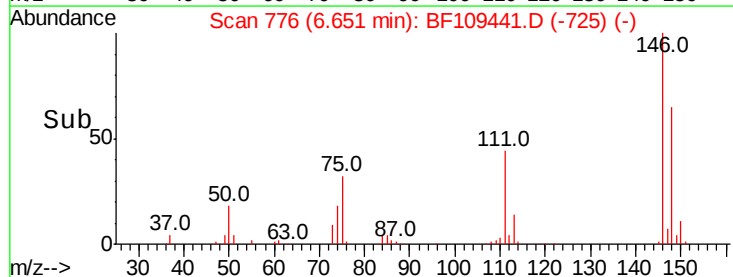
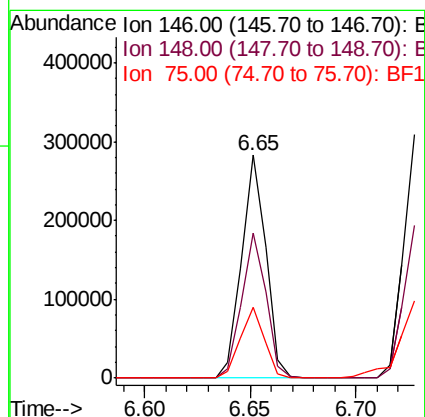
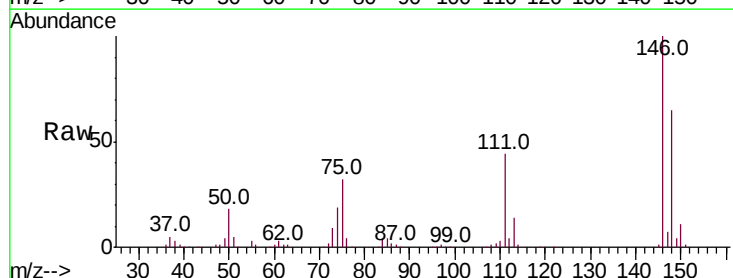
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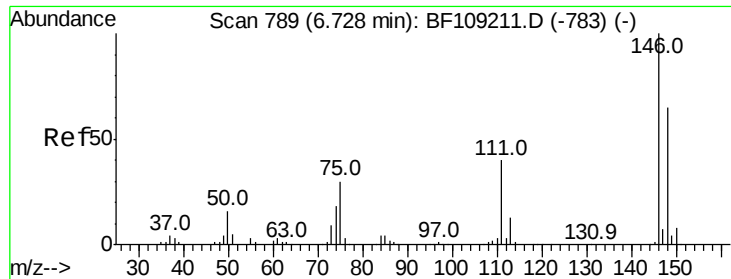
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#12
1,3-Dichlorobenzene
Concen: 27.547 ng
RT: 6.65 min Scan# 776
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.8	77.8
75	31.8	24.2	36.4





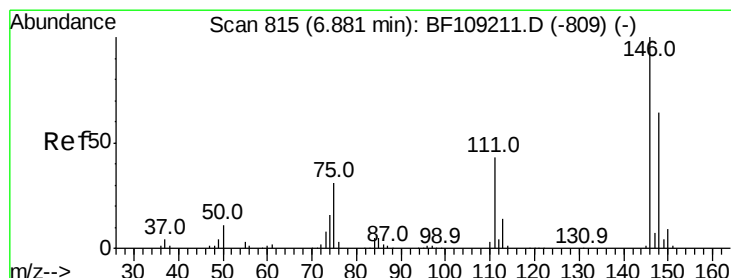
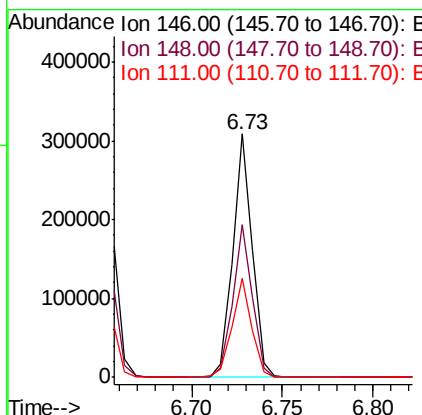
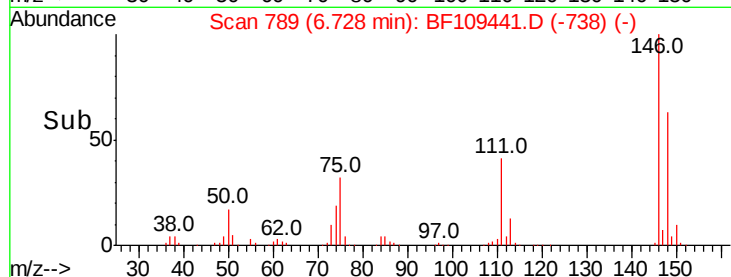
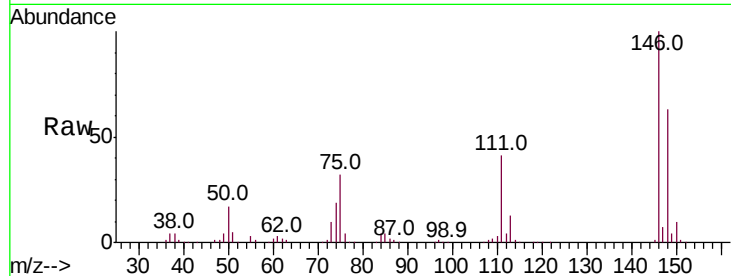
#13
 1,4-Dichlorobenzene
 Concen: 28.127 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.8	76.2
111	40.9	34.2	51.2

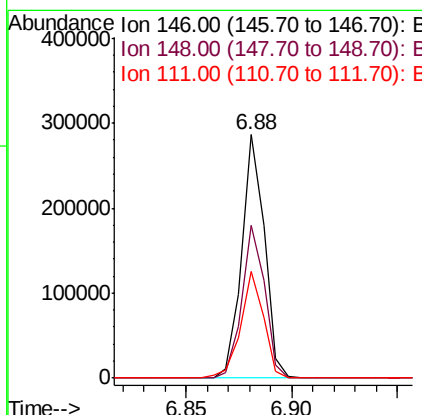
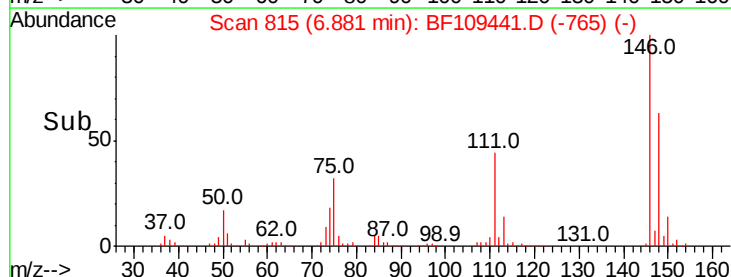
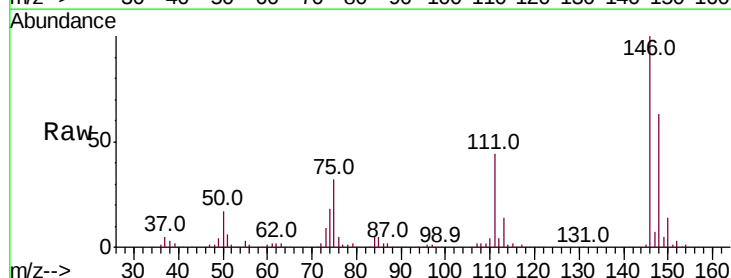
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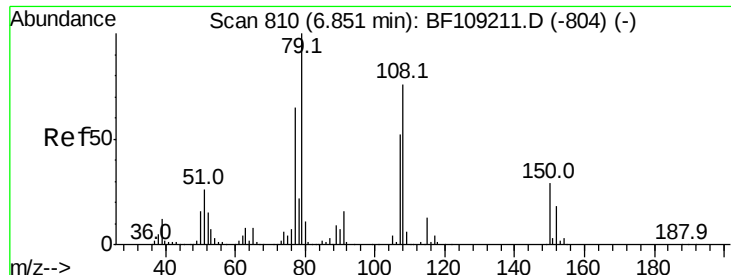
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 28.114 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	50.6	75.8
111	43.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 28.044 ng

RT: 6.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

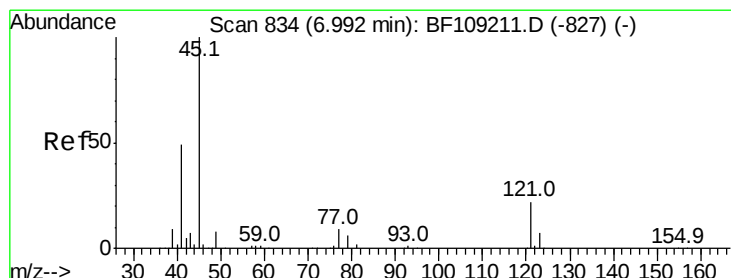
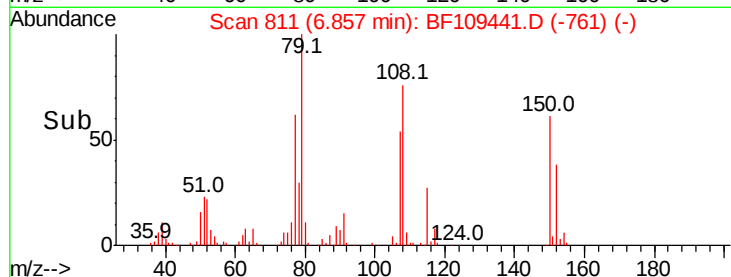
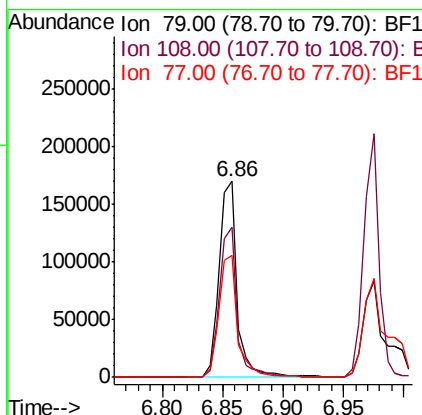
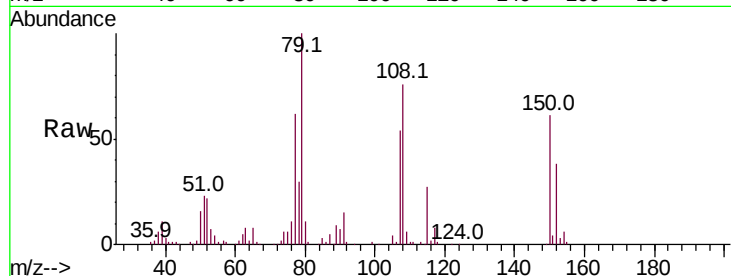
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tot Ion:	79	Resp:	174010
Ion Ratio	Lower	Upper	
79	100		
108	76.2	65.1	97.7
77	62.0	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 27.286 ng

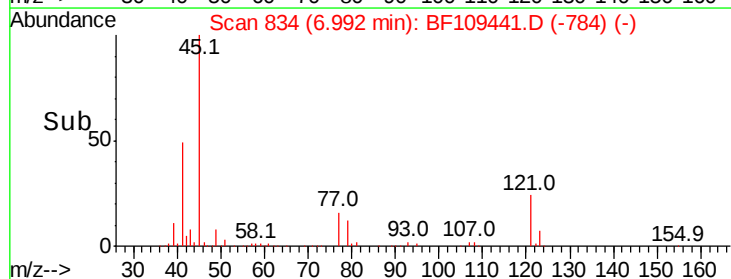
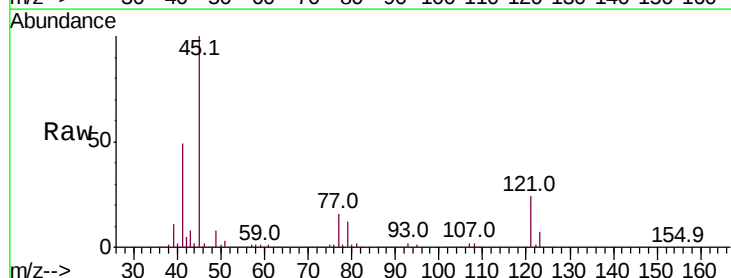
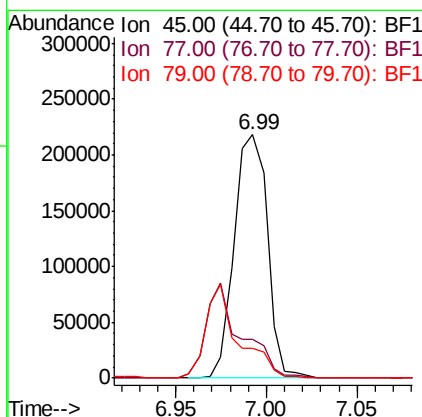
RT: 6.99 min Scan# 834

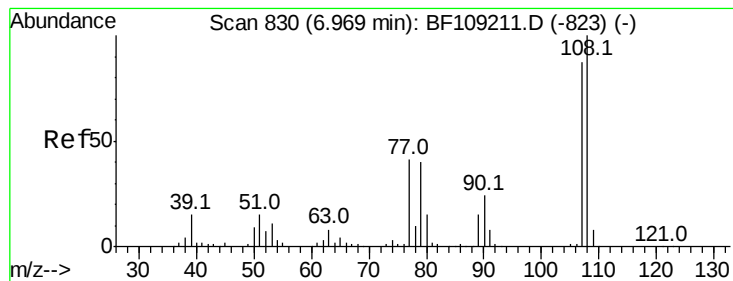
Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Tgt Ion:	45	Resp:	278022
Ion Ratio	Lower	Upper	
45	100		
77	15.9	0.0	32.9
79	12.3	0.0	29.6





#17

2-Methylphenol

Concen: 28.525 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

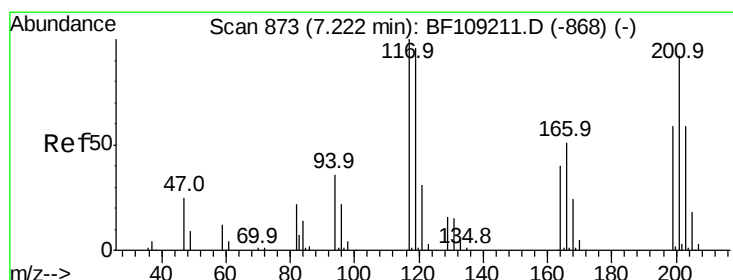
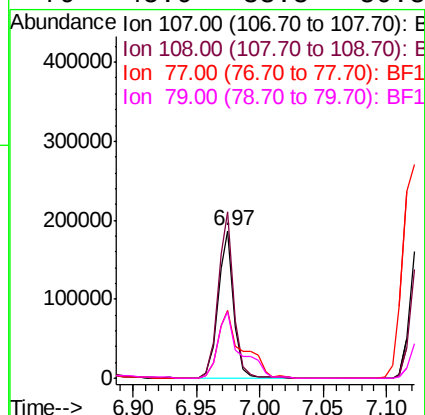
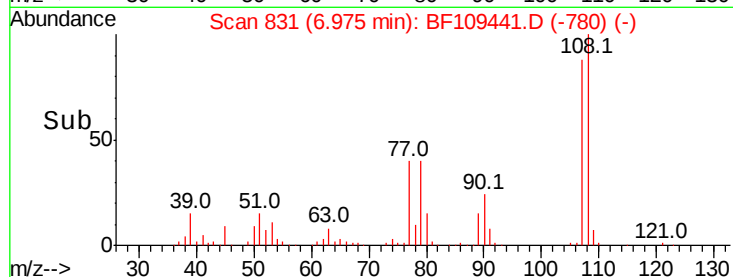
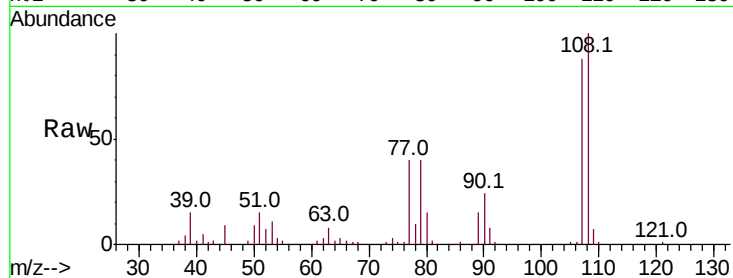
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tot Ion:	107	Resp:	163050
Ion Ratio	Lower	Upper	
107	100		
108	113.3	91.7	137.5
77	45.9	33.8	50.8
79	45.0	33.8	50.8

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#18

Hexachloroethane

Concen: 21.688 ng

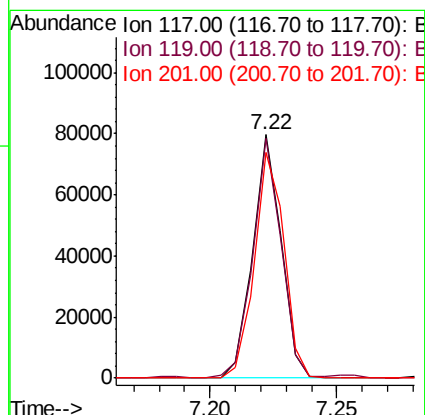
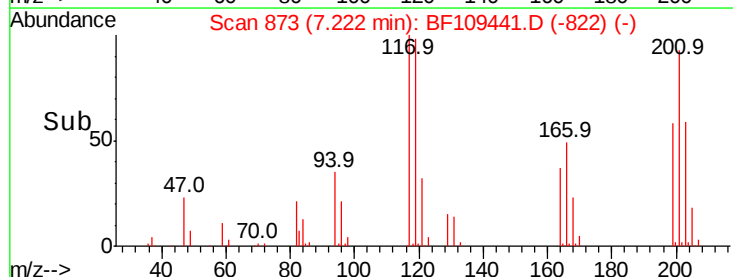
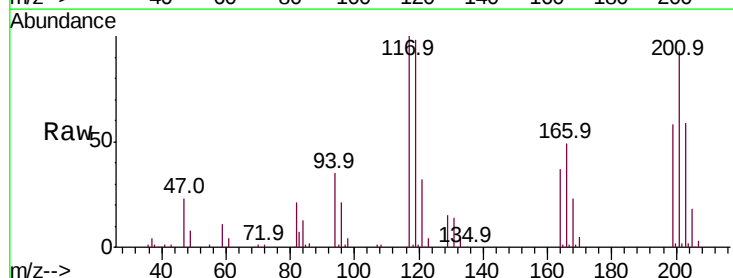
RT: 7.22 min Scan# 873

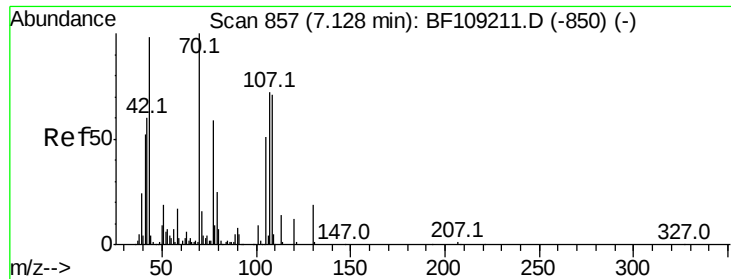
Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Tgt Ion:	117	Resp:	62613
Ion Ratio	Lower	Upper	
117	100		
119	98.4	75.8	113.8
201	92.9	75.7	113.5





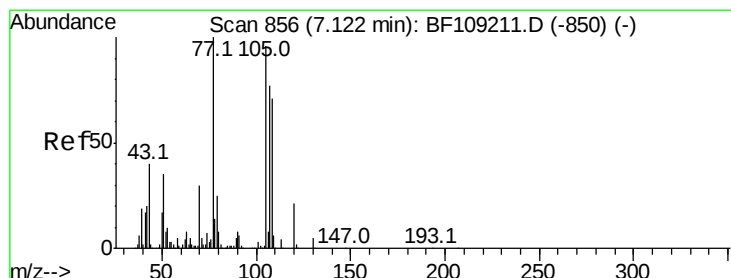
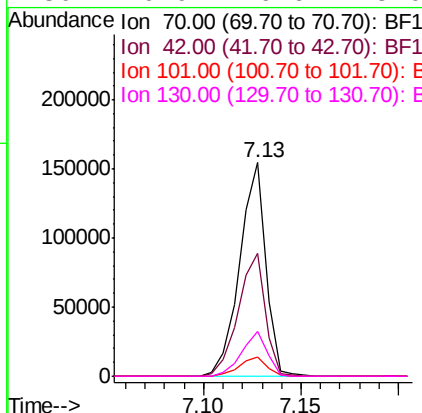
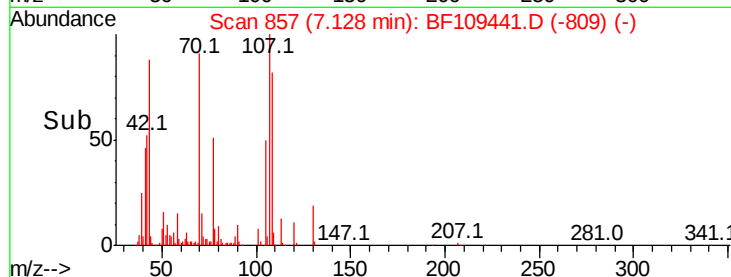
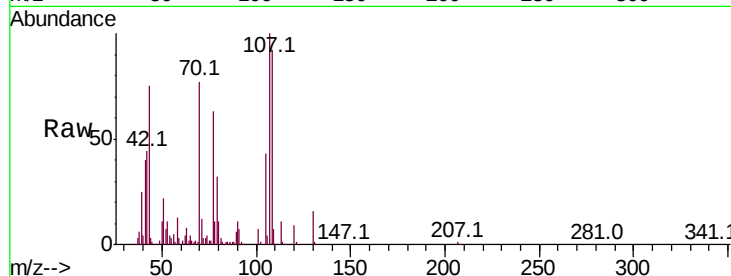
#19
n-Nitroso-di-n-propylamine
Concen: 27.072 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.7	47.5	71.3		
101	9.3	7.4	11.2		
130	20.9	16.6	25.0		

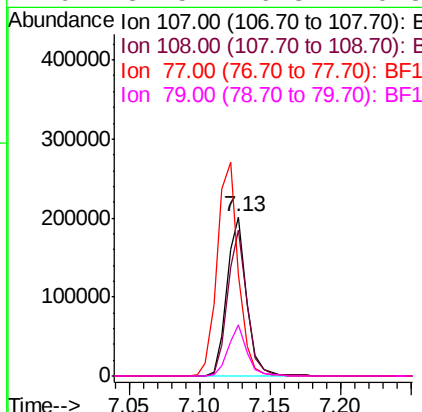
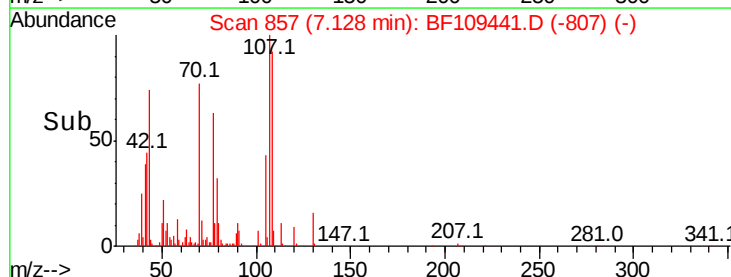
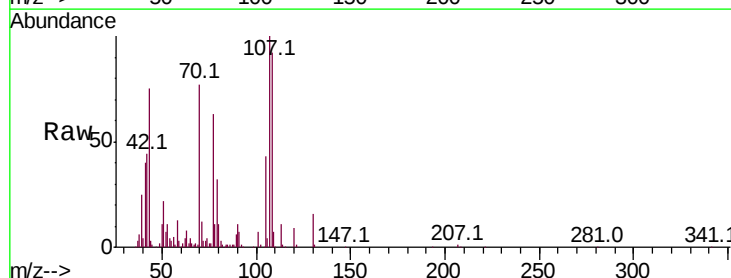
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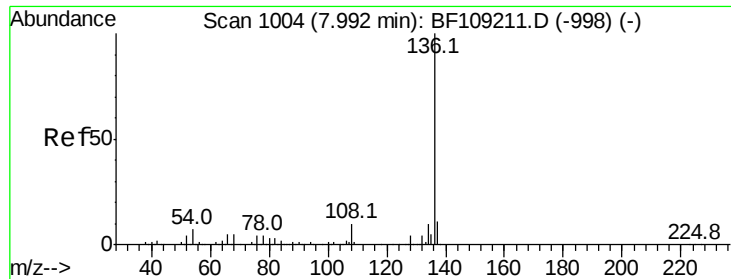
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#20
3+4-Methylphenols
Concen: 28.316 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.8	68.2	108.2		
77	63.1	26.7	66.7		
79	32.5	6.3	46.3		





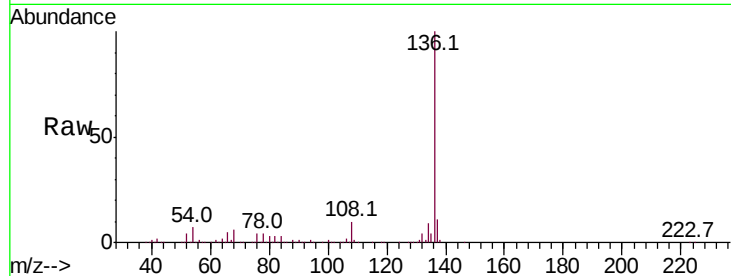
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.1	6.6	9.8	
68	5.6	5.0	7.4	

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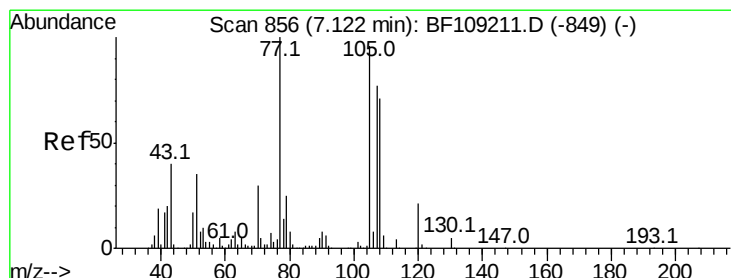
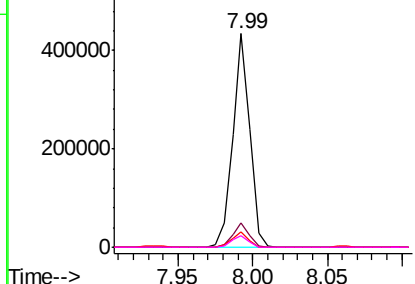
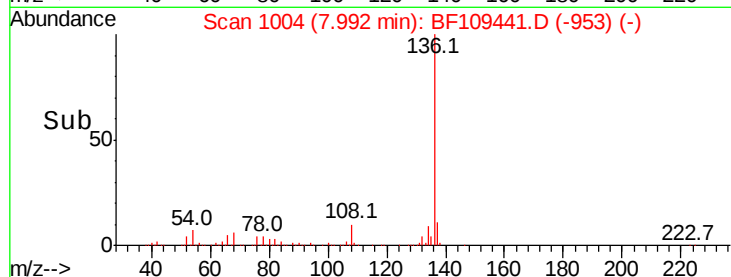
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

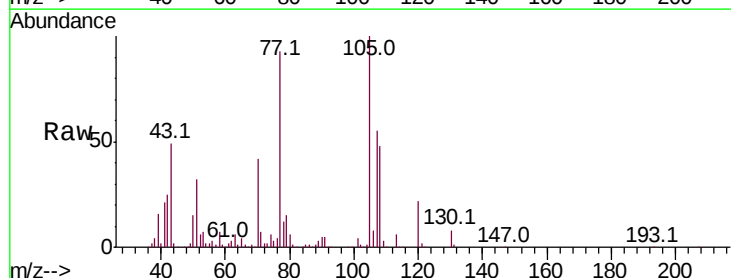
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 34.563 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	4.4	6.6#	
51	31.8	22.3	33.5	
120	22.3	16.9	25.3	



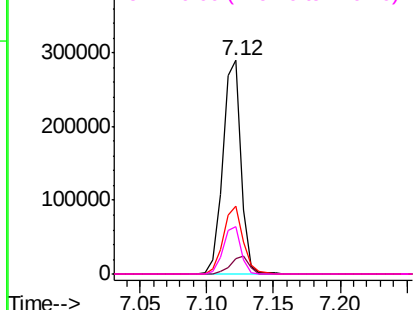
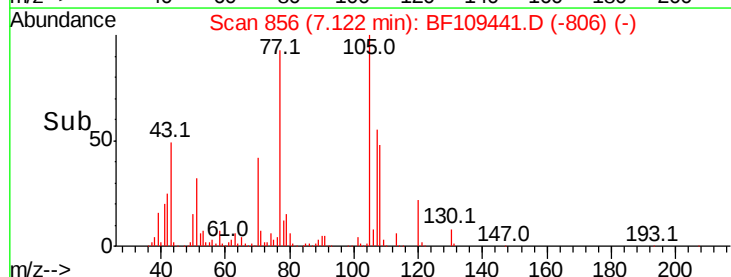
Abundance

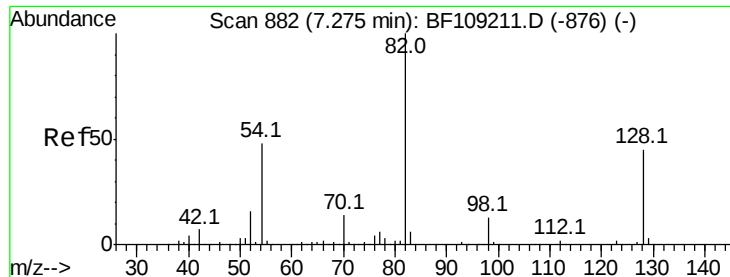
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





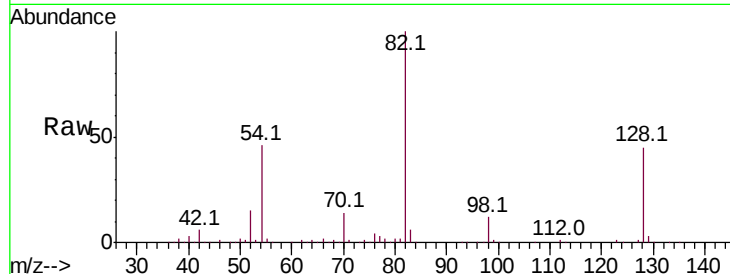
#23
Nitrobenzene-d5
Concen: 67.762 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

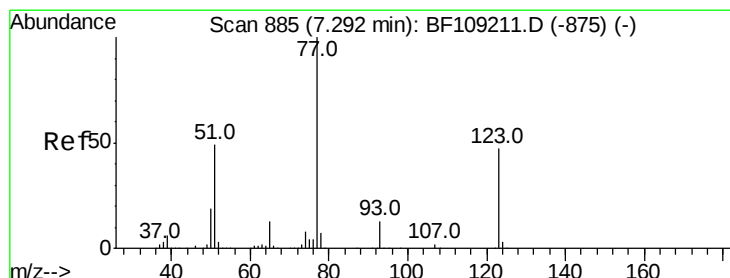
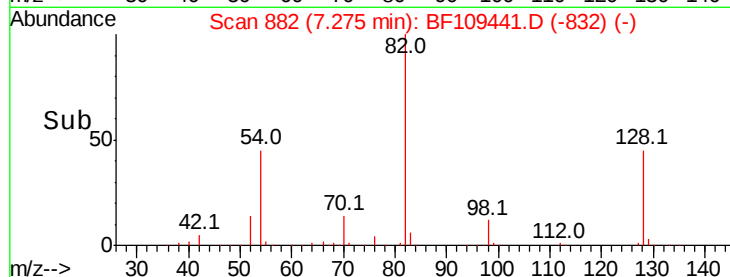
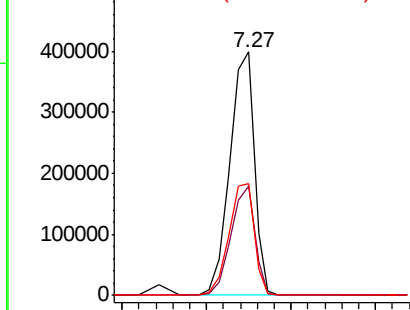
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	36.1	54.1
54	45.9	41.4	62.2

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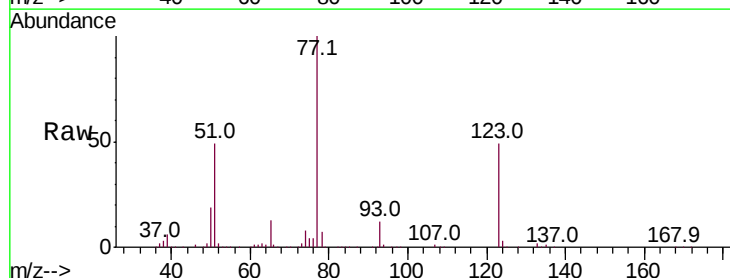


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

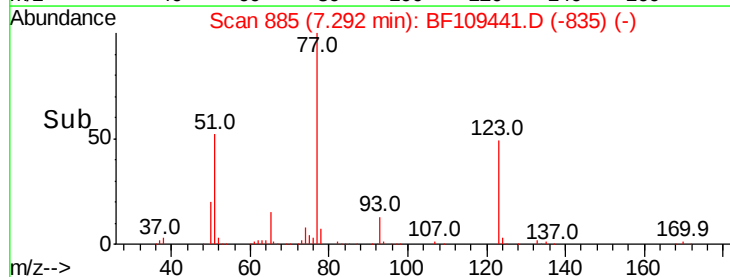
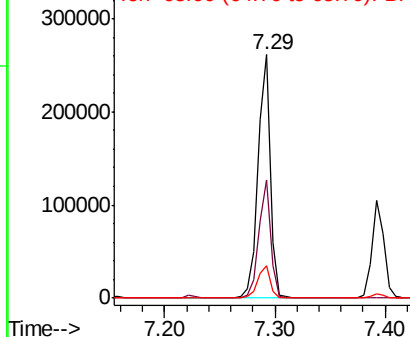


#24
Nitrobenzene
Concen: 32.769 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	37.9	56.9
65	13.3	11.0	16.4



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





#25

Isophorone

Concen: 35.207 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

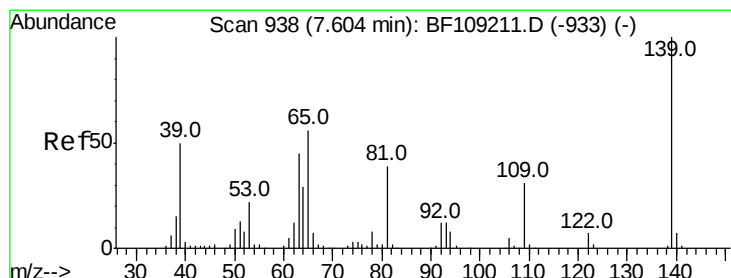
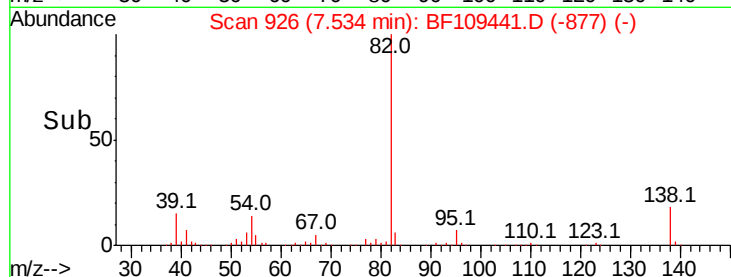
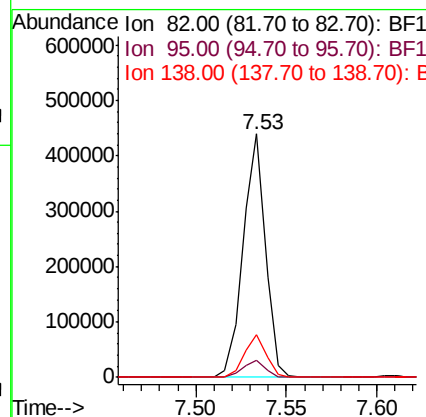
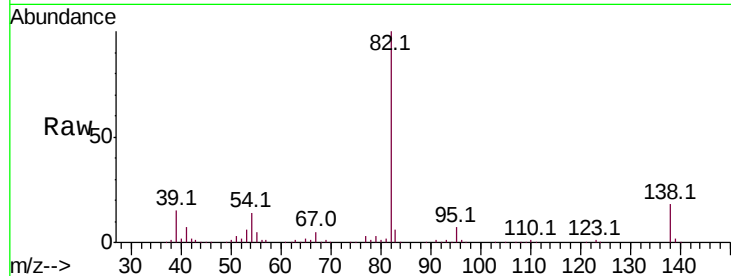
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tot Ion:	82	Resp:	376222
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	17.8	14.9	22.3

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#26

2-Nitrophenol

Concen: 26.919 ng

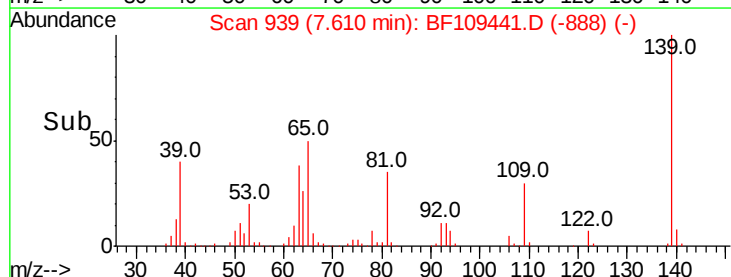
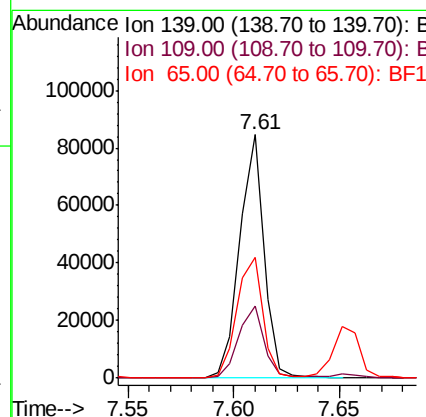
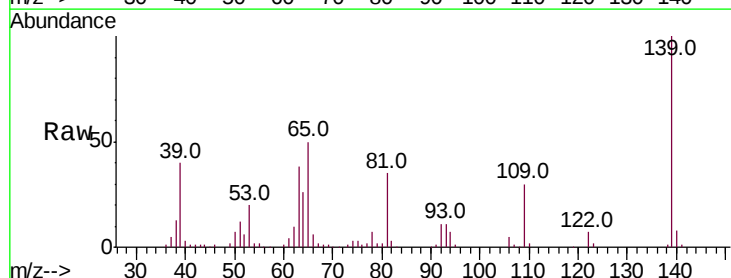
RT: 7.61 min Scan# 939

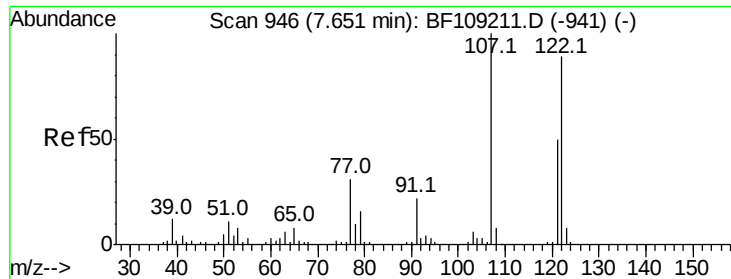
Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Tgt Ion:	139	Resp:	67169
Ion Ratio	Lower	Upper	
139	100		
109	29.6	22.7	34.1
65	49.8	40.5	60.7





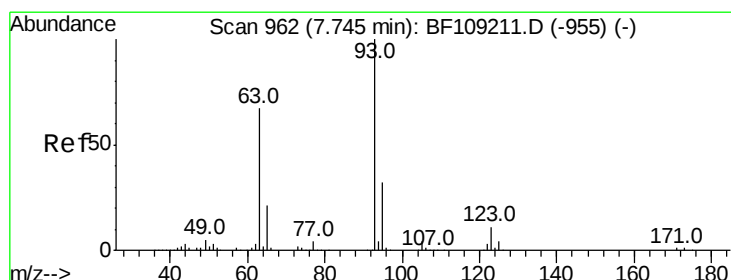
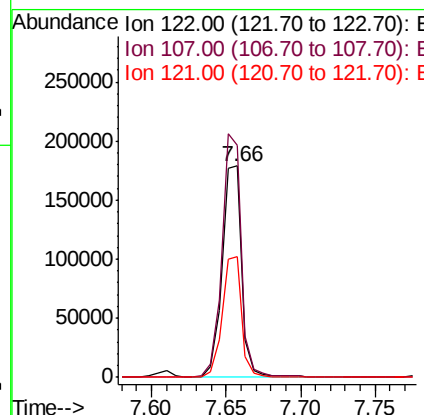
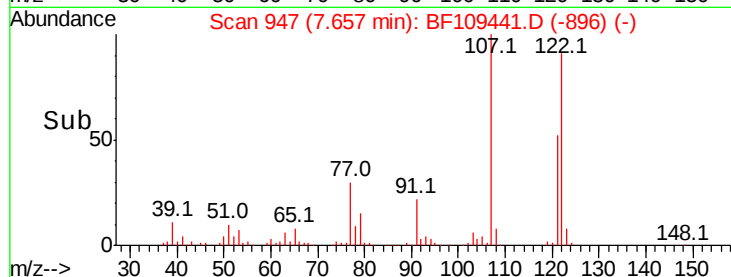
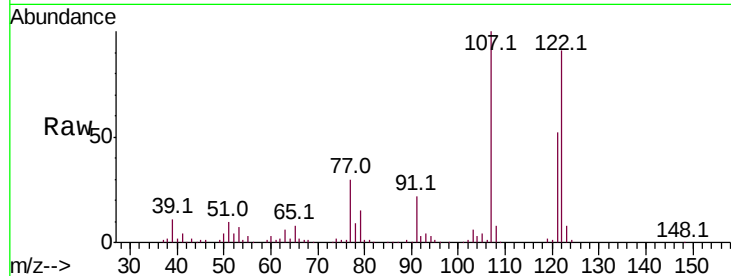
#27
2,4-Dimethylphenol
Concen: 35.672 ng
RT: 7.66 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	166095		
107	110.2	91.2	136.8	
121	57.2	47.2	70.8	

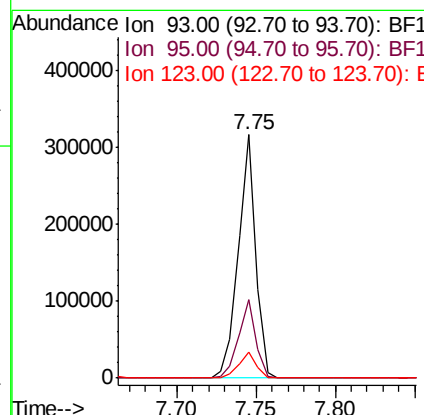
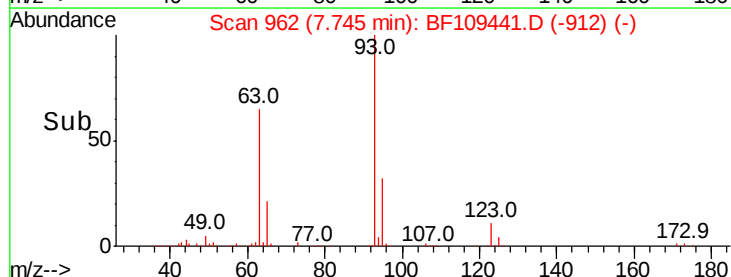
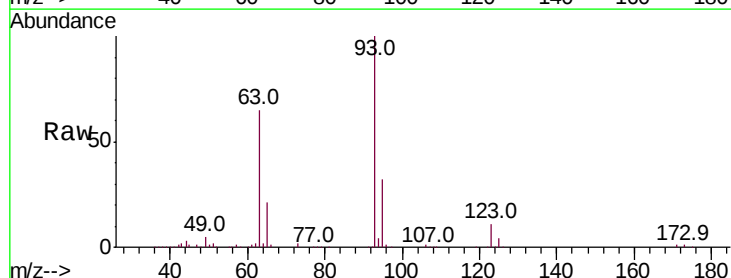
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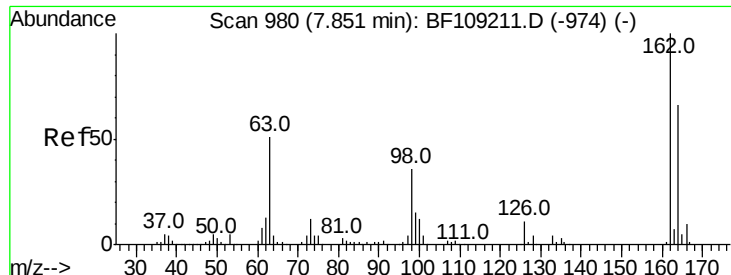
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#28
bis(2-Chloroethoxy)methane
Concen: 34.282 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	242504		
95	32.5	26.3	39.5	
123	10.7	9.8	14.6	





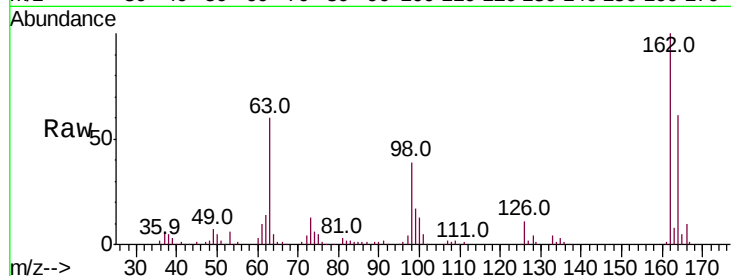
#29
 2,4-Dichlorophenol
 Concen: 31.035 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

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

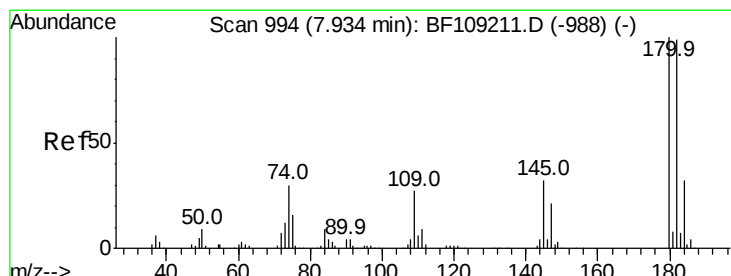
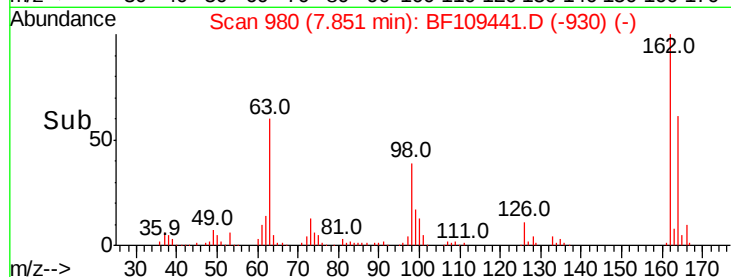
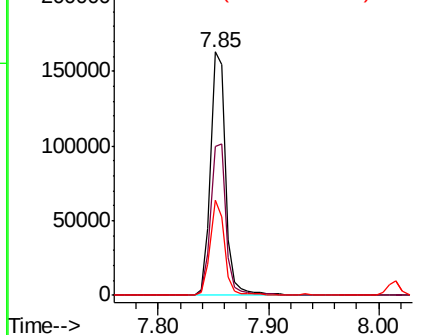
Tot Ion:	162	Resp:	151826
Ion Ratio	Lower	Upper	
162	100		
164	61.4	42.7	82.7
98	39.1	18.1	58.1

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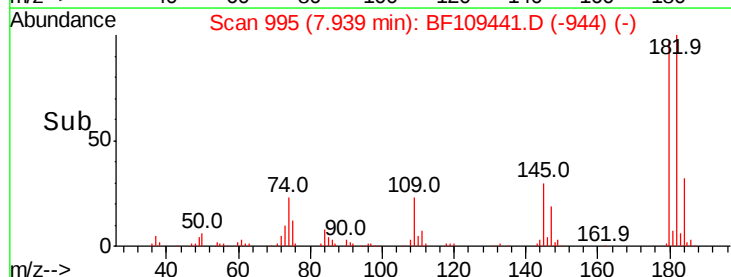
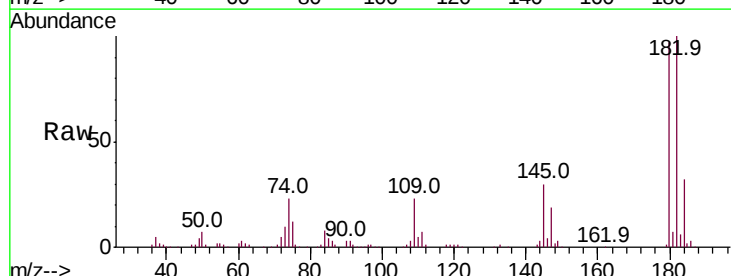
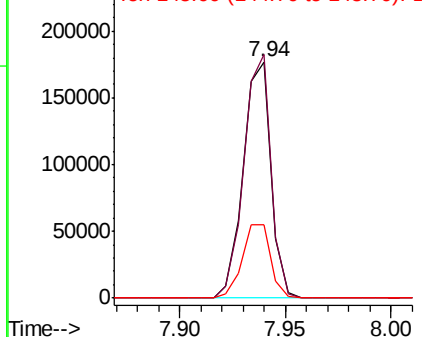
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

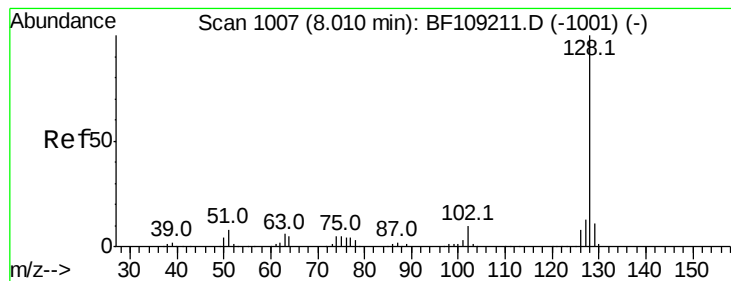


#30
 1,2,4-Trichlorobenzene
 Concen: 29.407 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion:	180	Resp:	160752
Ion Ratio	Lower	Upper	
180	100		
182	102.9	76.8	115.2
145	31.1	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: 32.314 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

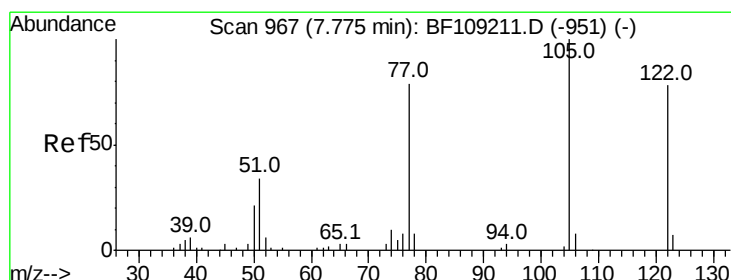
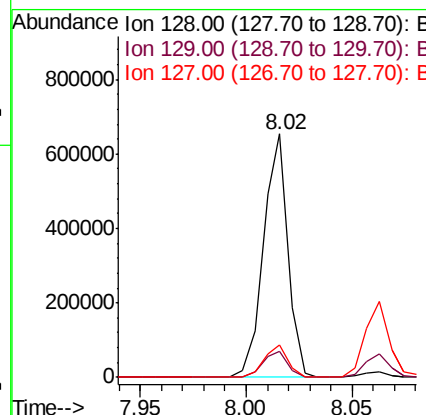
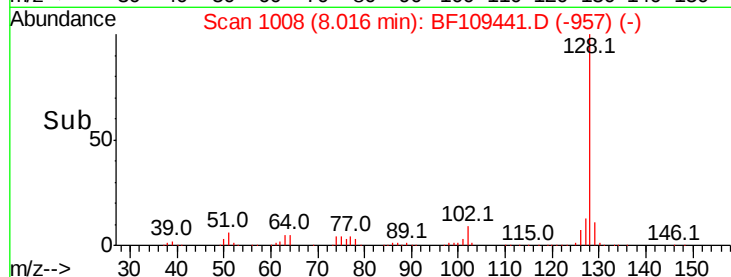
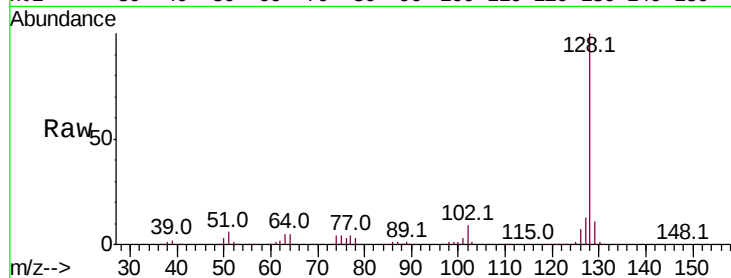
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tot Ion:	128	Resp:	528961
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	13.3	10.9	16.3

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#32

Benzoic acid

Concen: 7.496 ng m

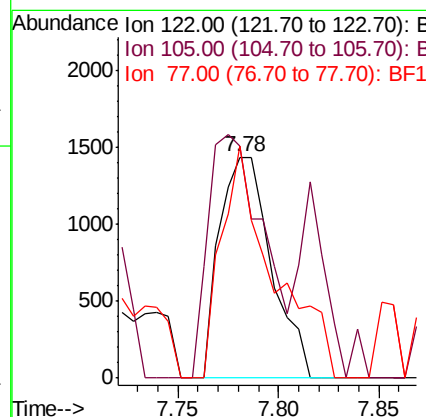
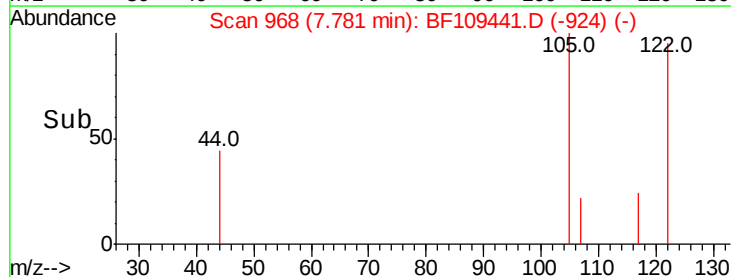
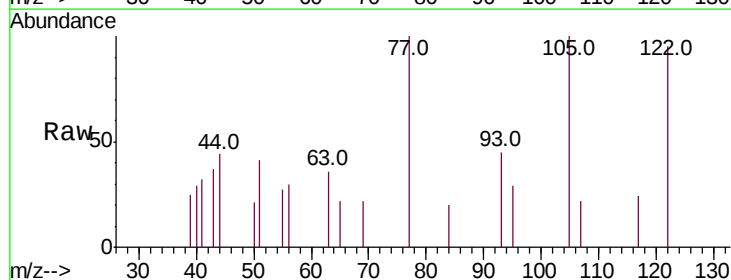
RT: 7.78 min Scan# 968

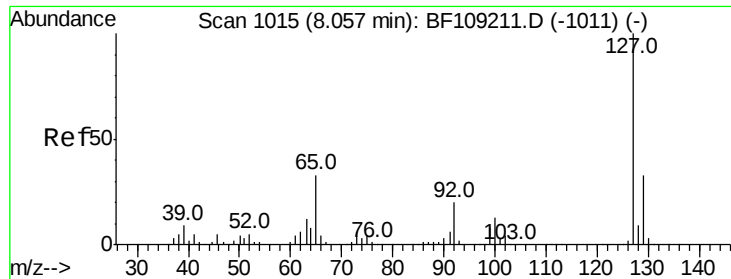
Delta R.T. -0.04 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Tgt Ion:	122	Resp:	2577
Ion Ratio	Lower	Upper	
122	100		
105	105.1	101.1	141.1
77	104.9	70.7	110.7





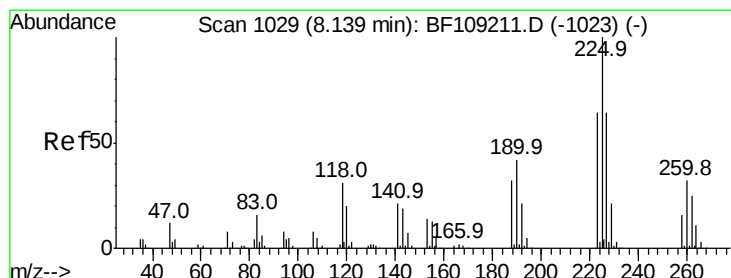
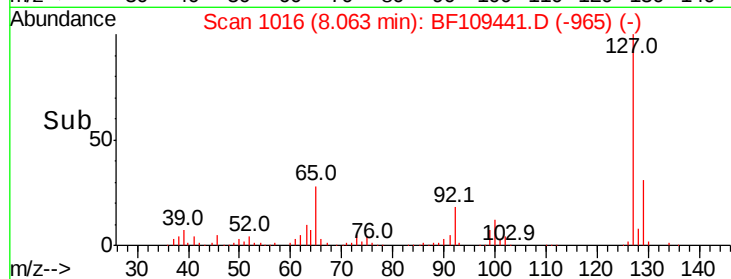
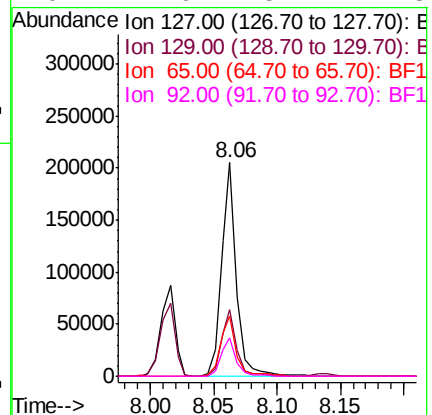
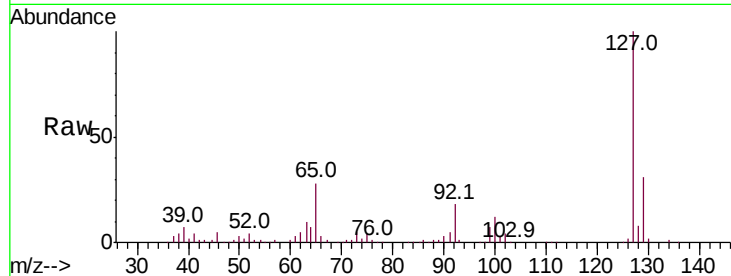
#33
4-Chloroaniline
Concen: 23.470 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.5	25.9	38.9		
65	28.0	25.0	37.4		
92	17.9	15.2	22.8		

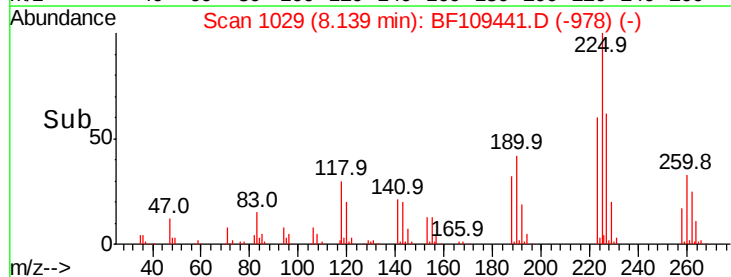
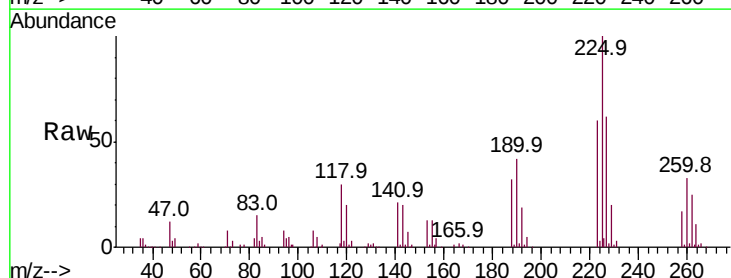
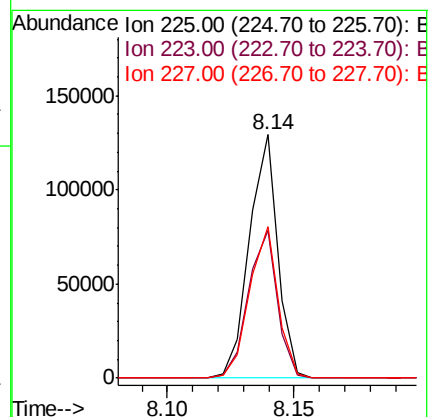
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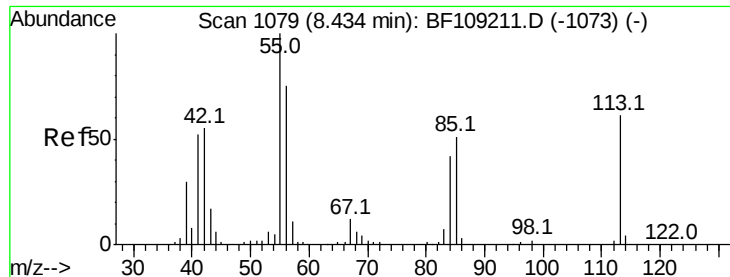
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#34
Hexachlorobutadiene
Concen: 30.672 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.5	50.6	76.0		
227	62.0	51.9	77.9		





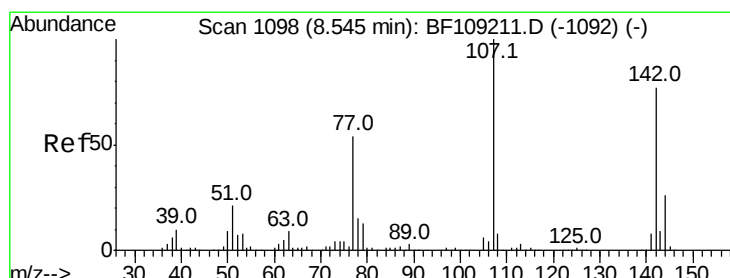
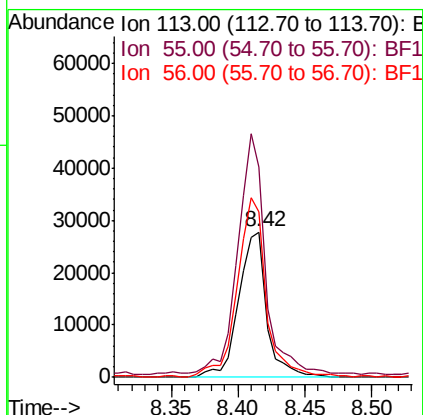
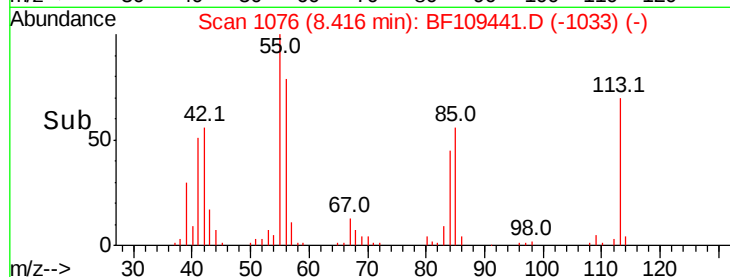
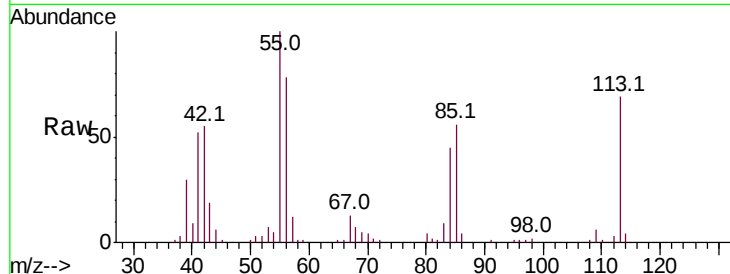
#35
 Caprolactam
 Concen: 25.904 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.05 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

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

Tot Ion:113 Resp: 40459
 Ion Ratio Lower Upper
 113 100
 55 145.0 163.3 203.3#
 56 113.5 115.7 155.7#

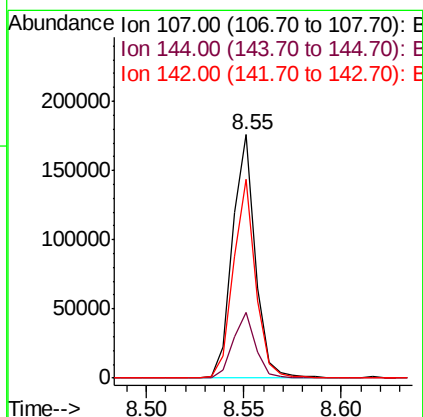
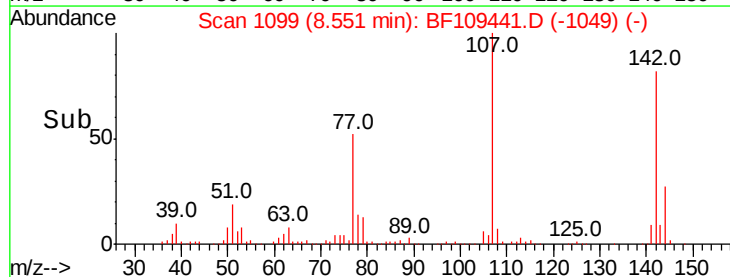
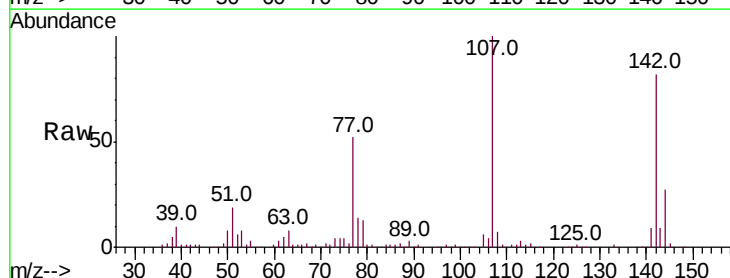
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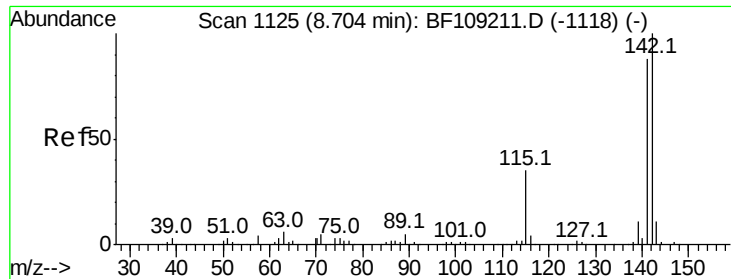
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#36
 4-Chloro-3-methylphenol
 Concen: 27.883 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion:107 Resp: 143535
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 81.7 62.0 93.0





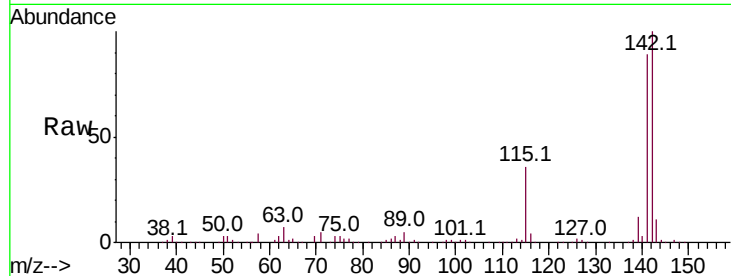
#37
2-Methylnaphthalene
Concen: 31.427 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	35.6	26.1	39.1

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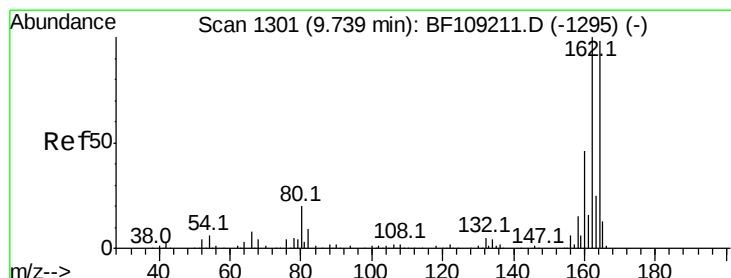
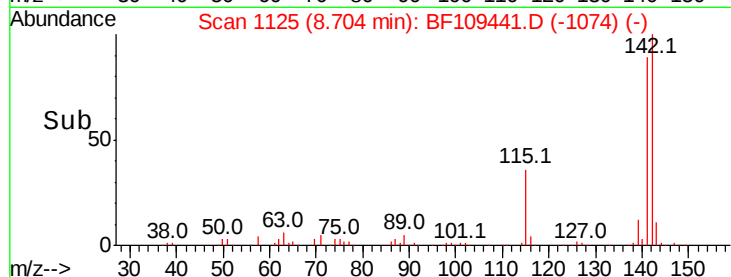
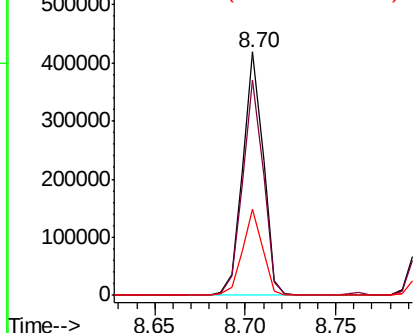


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

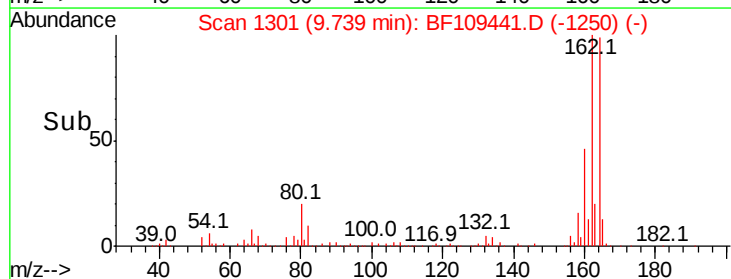
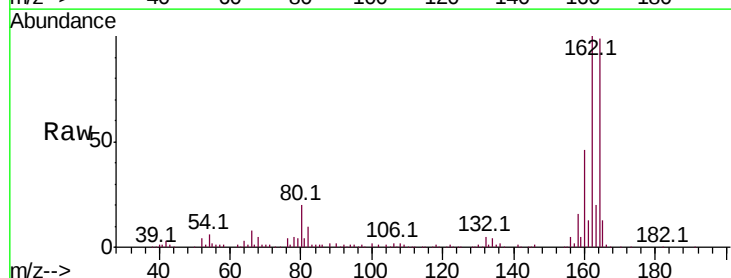
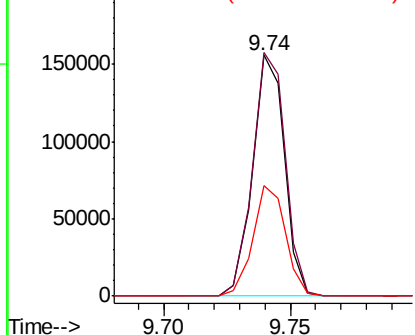
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	86.1	129.1
160	46.1	38.3	57.5

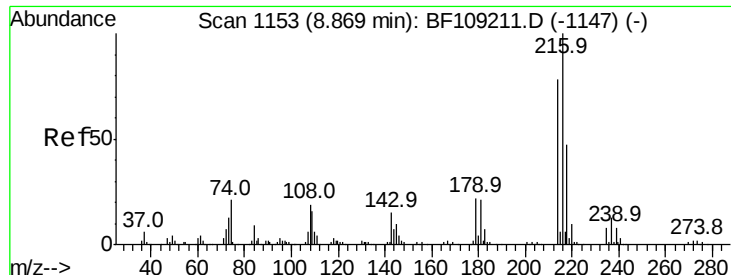
Abundance

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





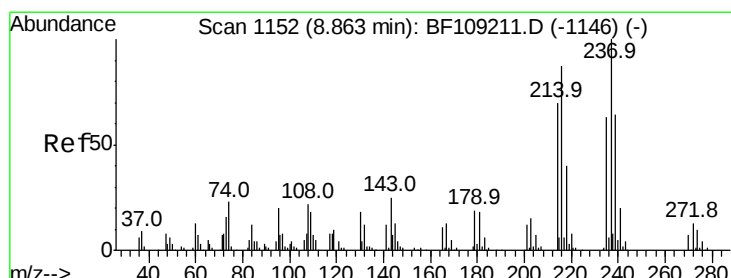
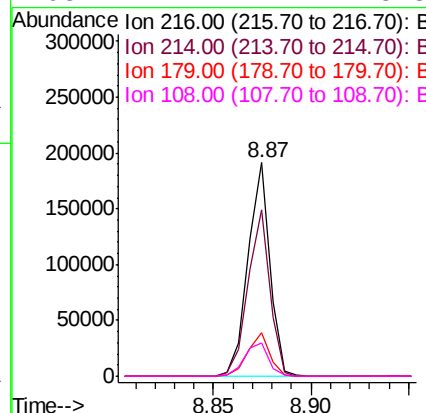
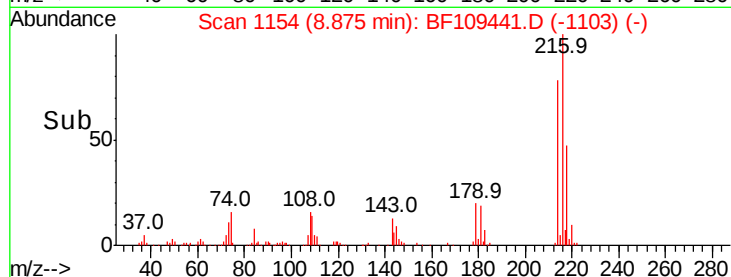
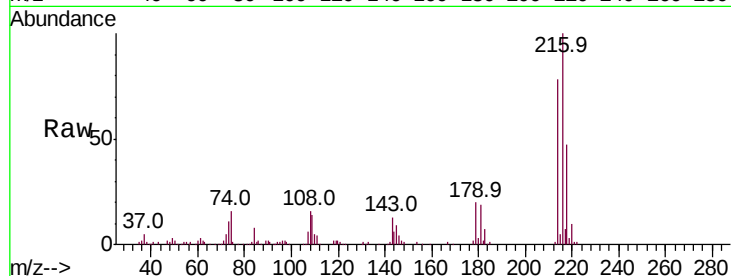
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.315 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.0	63.0	94.4
179	20.2	18.1	27.1
108	17.4	17.2	25.8

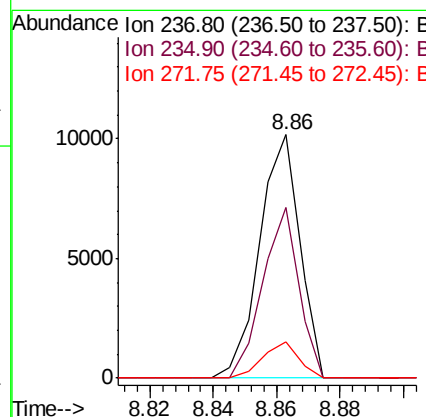
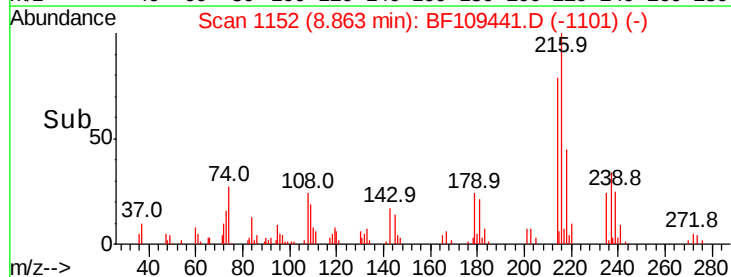
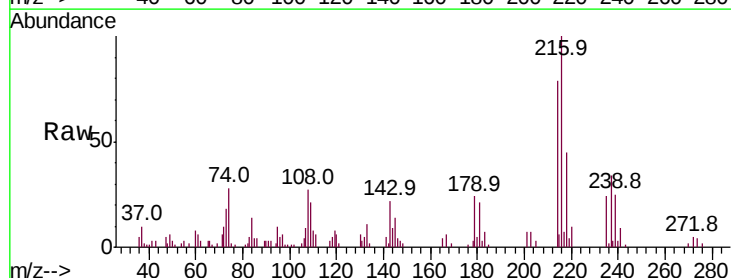
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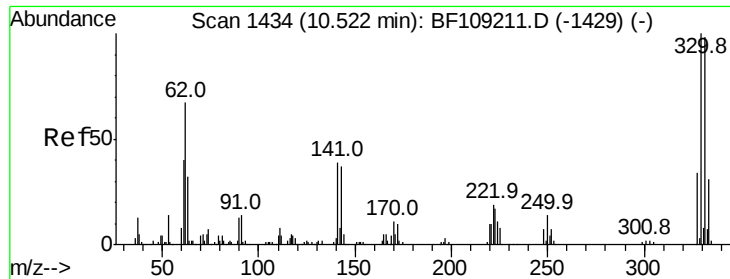
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#40
 Hexachlorocyclopentadiene
 Concen: 4.725 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	70.0	44.8	84.8
272	14.9	0.0	33.3





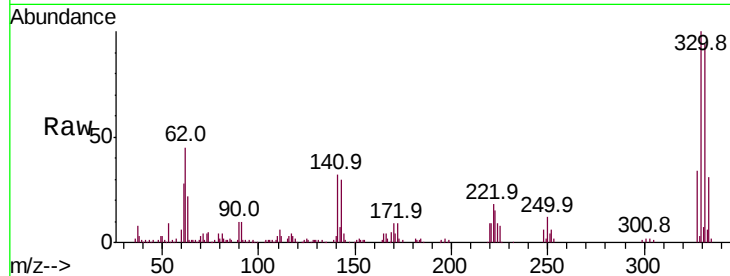
#41
 2,4,6-Tribromophenol
 Concen: 85.653 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	35.0	29.9	44.9	

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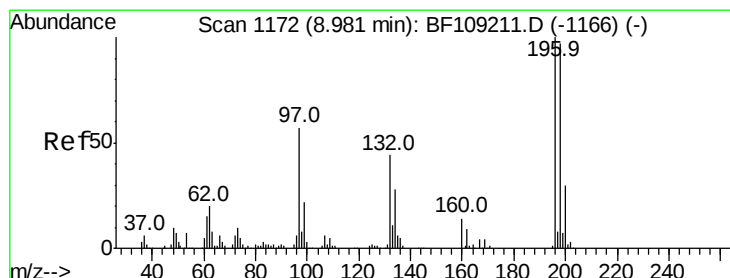
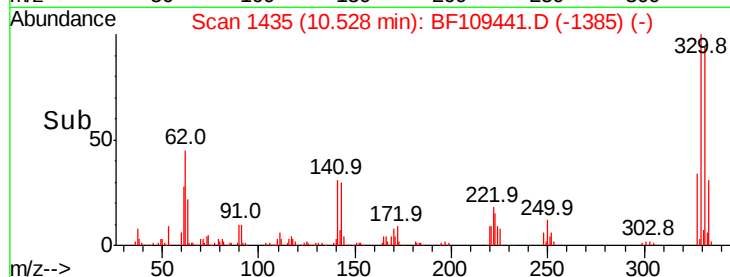
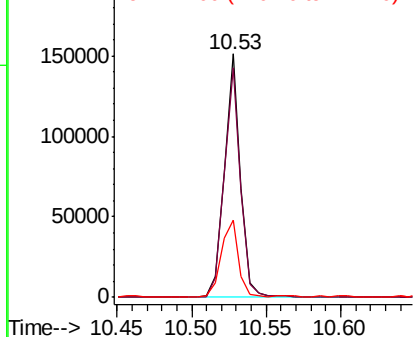


Abundance

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



#42
 2,4,6-Trichlorophenol
 Concen: 32.539 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

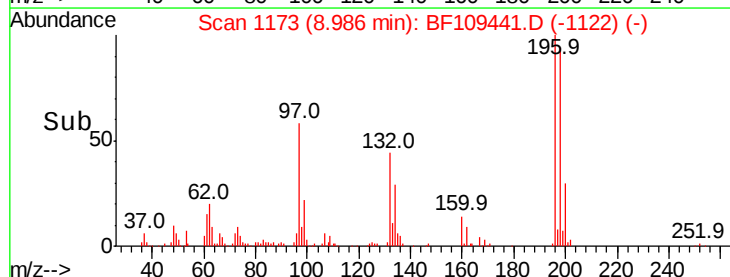
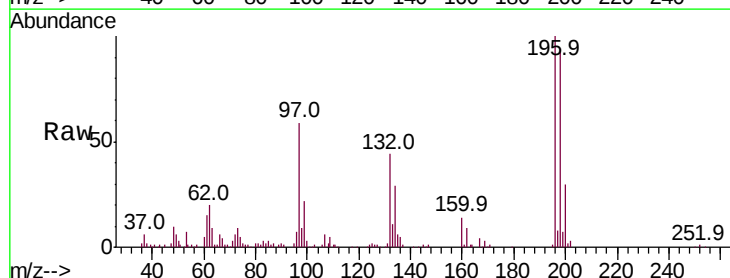
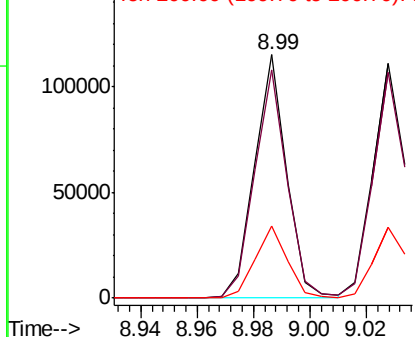
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.8	75.7	113.5	
200	29.7	24.5	36.7	

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





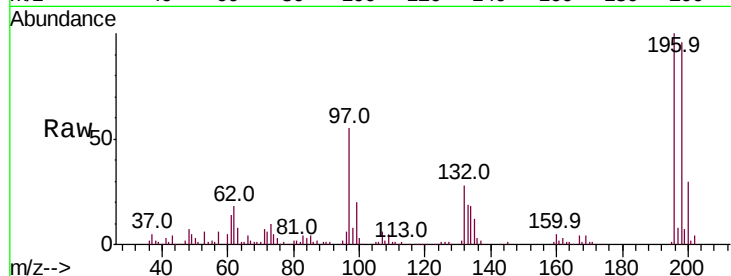
#43
 2,4,5-Trichlorophenol
 Concen: 31.628 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

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

Tot Ion:	196	Resp:	93181
Ion Ratio	Lower	Upper	
196	100		
198	96.2	74.6	112.0
97	54.6	42.9	64.3
132	27.7	26.3	39.5

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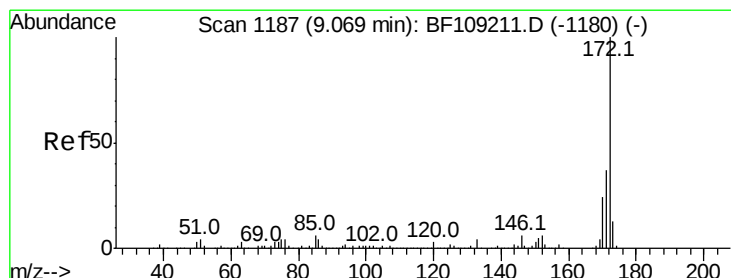
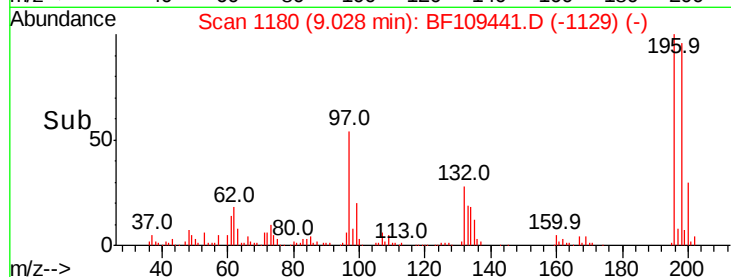
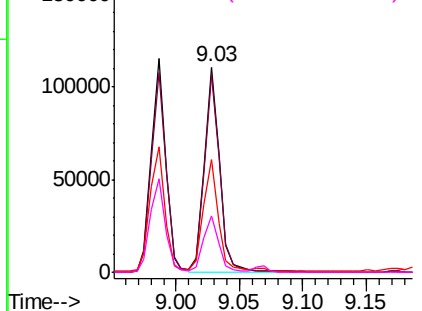
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 66.856 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

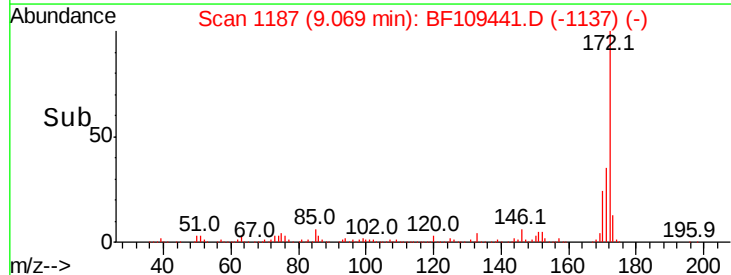
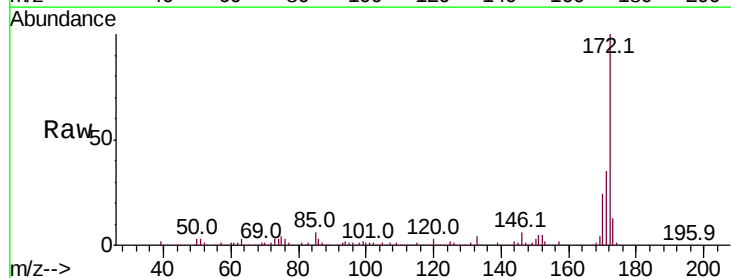
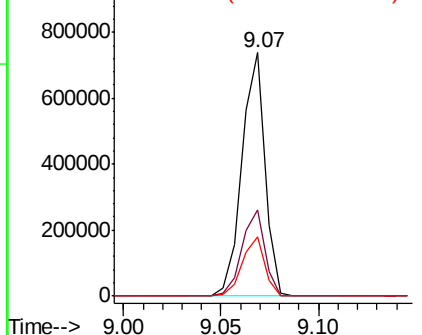
Tgt Ion:	172	Resp:	605399
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.7	44.5
170	24.2	19.6	29.4

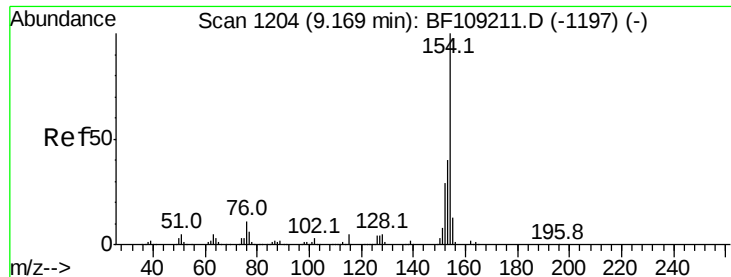
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 33.720 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

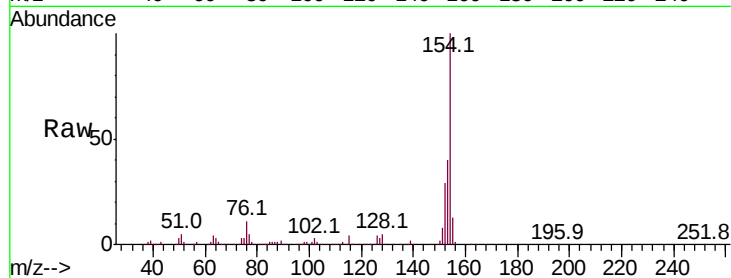
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

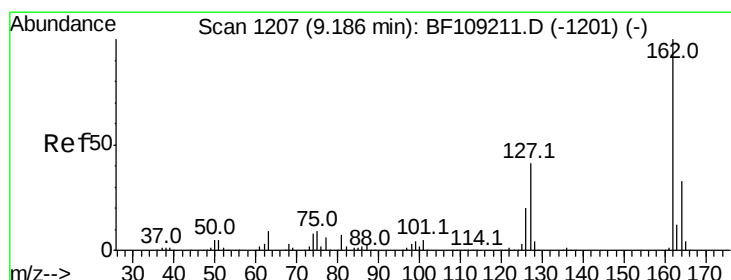
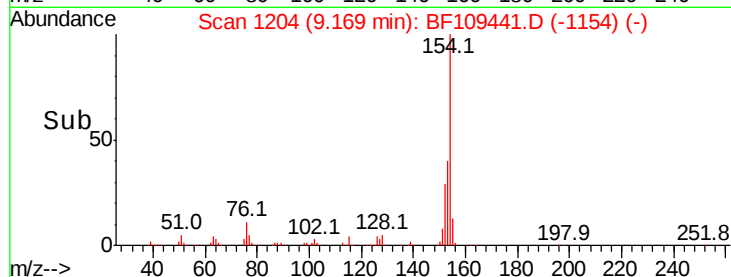
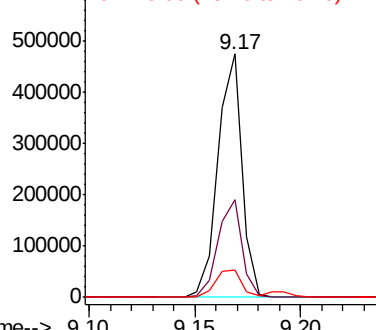
Tot Ion:	154	Resp:	375207
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	11.1	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 31.033 ng

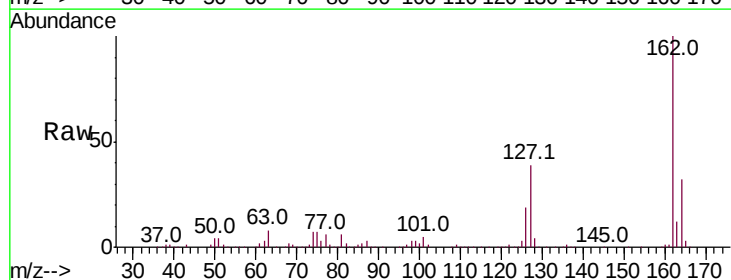
RT: 9.19 min Scan# 1208

Delta R.T. 0.00 min

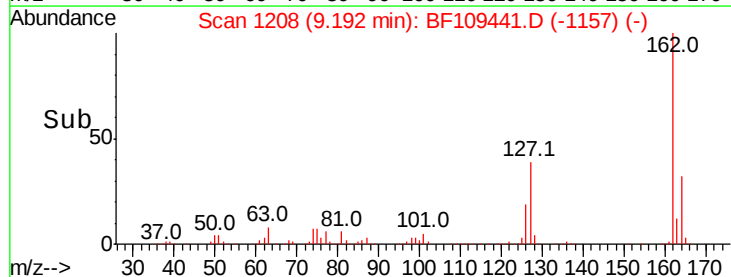
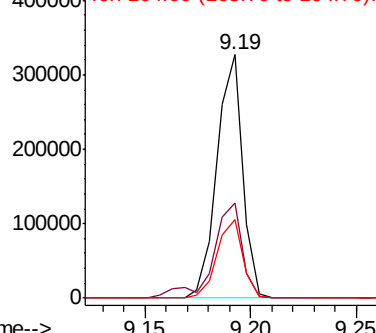
Lab File: BF109441.D

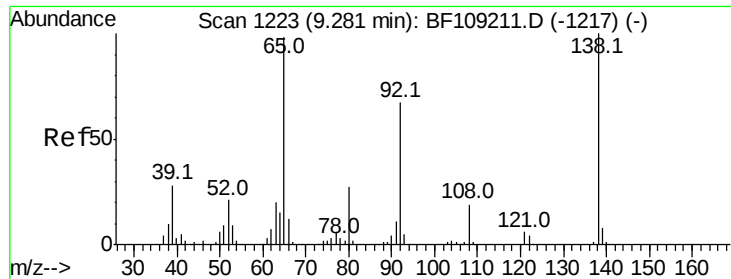
Acq: 28 Sep 2018 20:18

Tgt Ion:	162	Resp:	275863
Ion Ratio	Lower	Upper	
162	100		
127	39.2	33.9	50.9
164	32.4	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





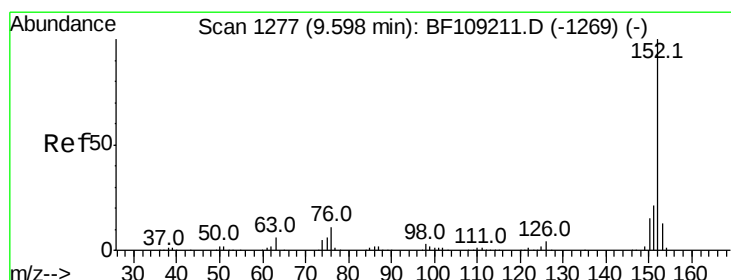
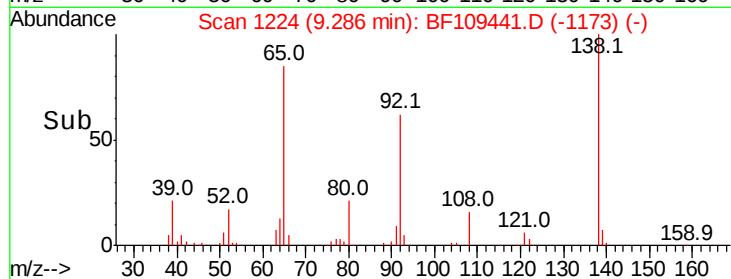
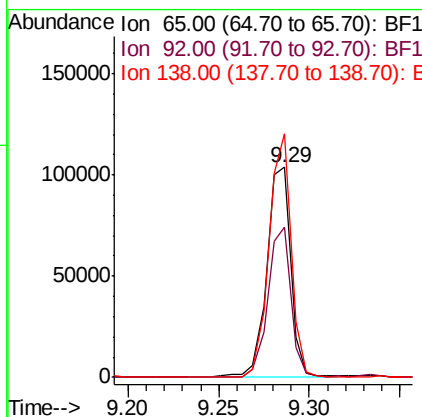
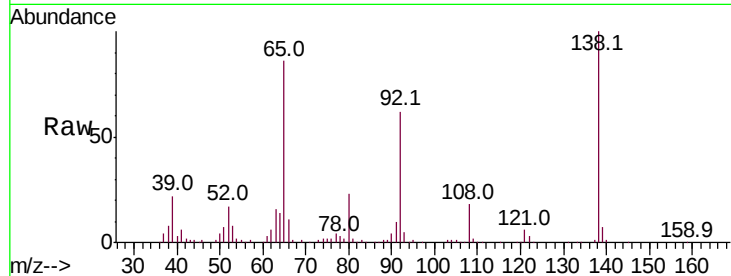
#47
2-Nitroaniline
Concen: 38.172 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	55.8	83.6
138	116.1	91.2	136.8

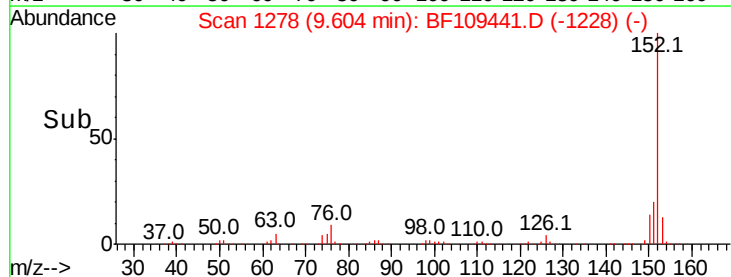
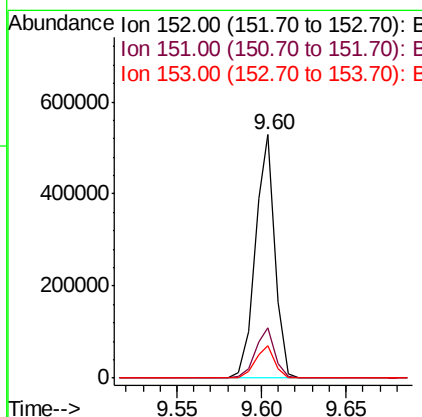
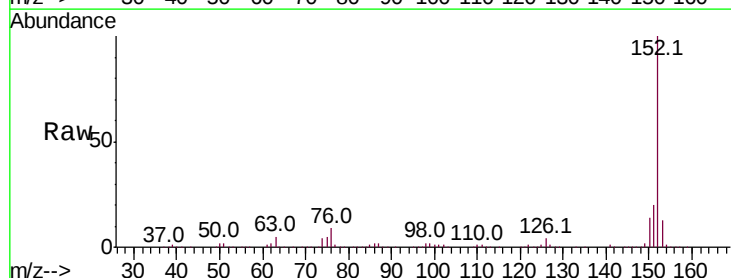
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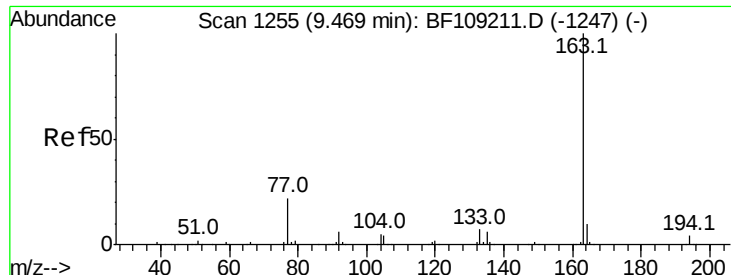
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#48
Acenaphthylene
Concen: 31.899 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.1	10.7	16.1





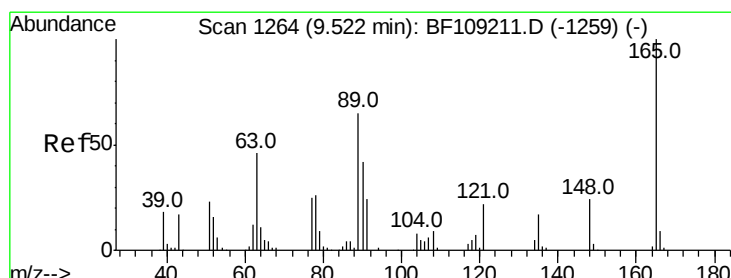
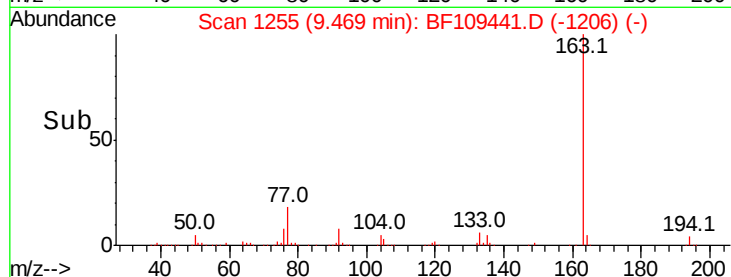
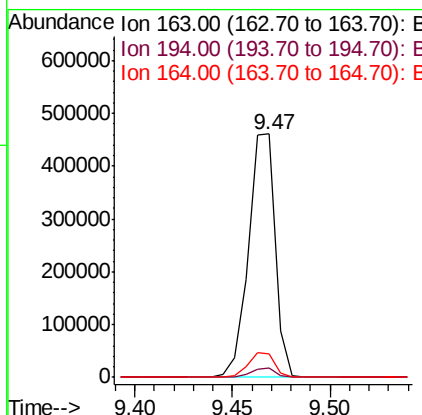
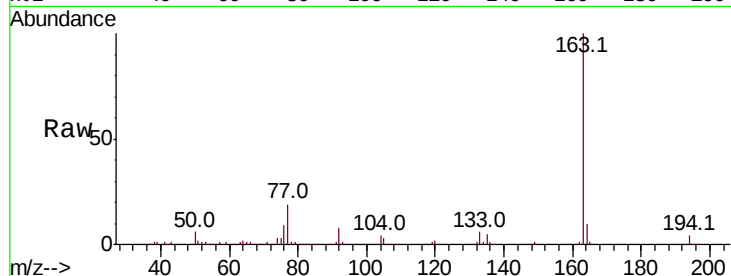
#49
Dimethylphthalate
Concen: 44.039 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	9.6	8.2	12.2	

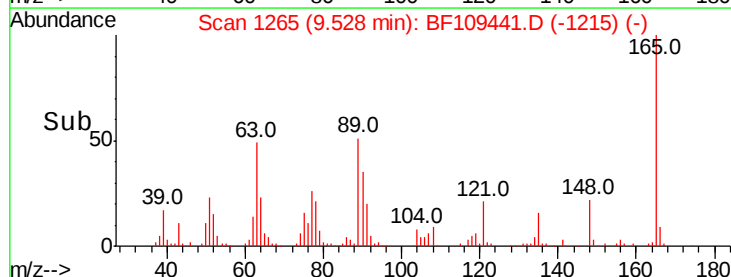
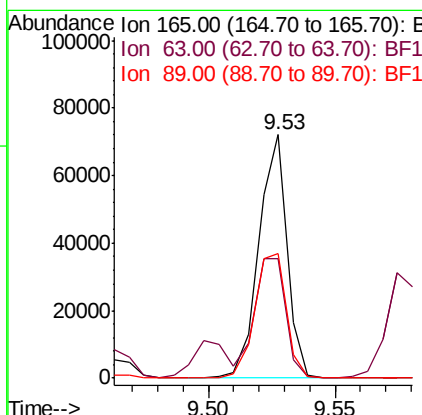
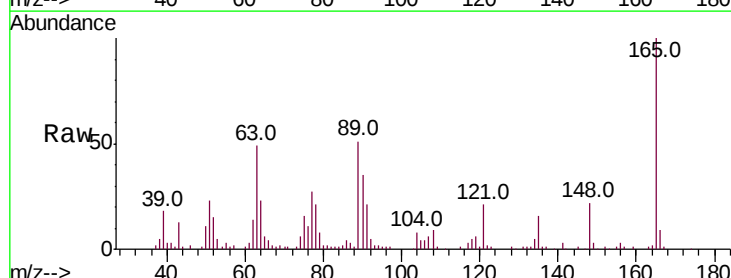
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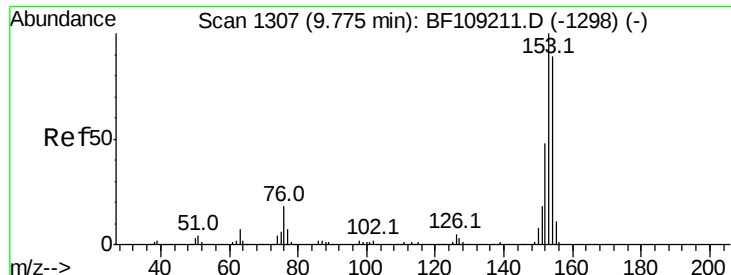
Sohil
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#50
2,6-Dinitrotoluene
Concen: 28.511 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.1	44.7	67.1	
89	51.4	44.0	66.0	





#51

Acenaphthene

Concen: 30.500 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

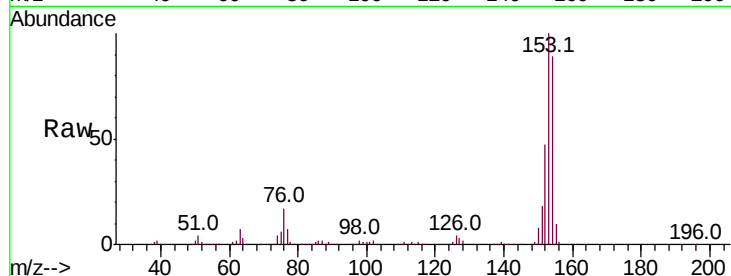
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

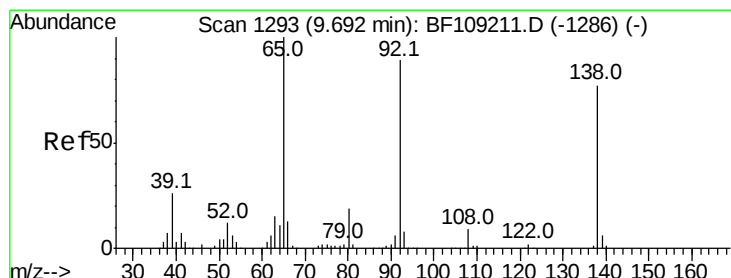
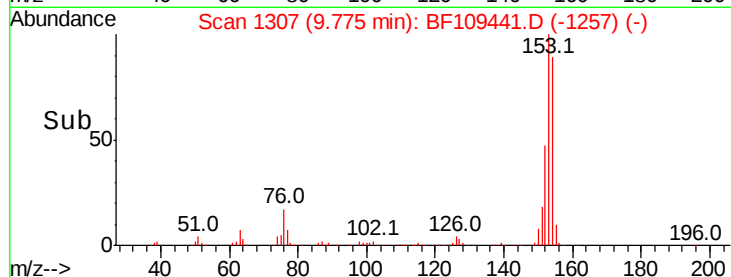
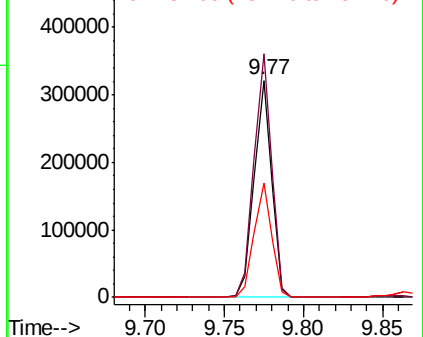
Tot Ion:	154	Resp:	247283
Ion Ratio	Lower	Upper	
154	100		
153	112.1	91.2	136.8
152	52.6	43.8	65.8

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



#52

3-Nitroaniline

Concen: 36.792 ng

RT: 9.69 min Scan# 1293

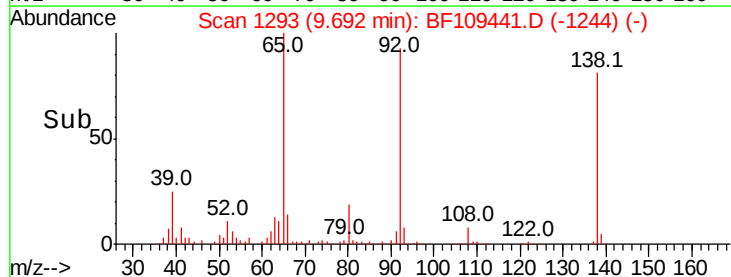
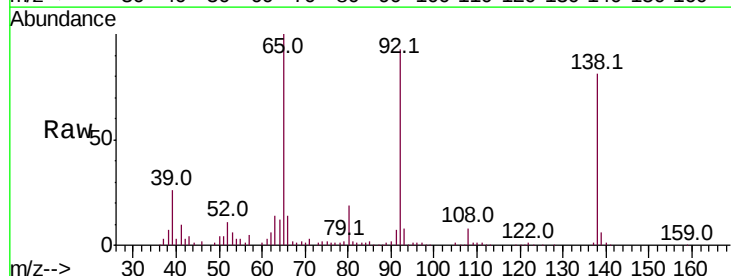
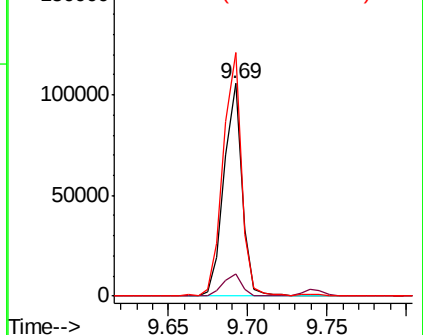
Delta R.T. -0.01 min

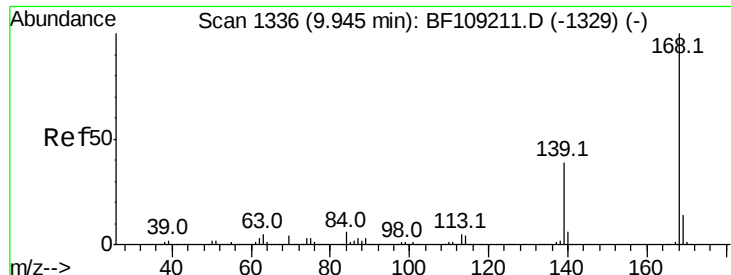
Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Tgt Ion:	138	Resp:	83823
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	114.5	89.4	134.2

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





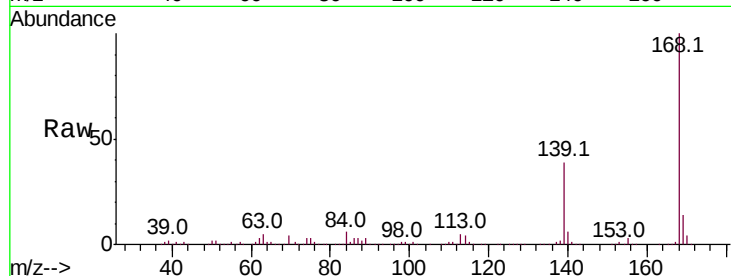
#54
Dibenzenofuran
Concen: 29.848 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.8		30.1	45.1
169	14.5		10.9	16.3

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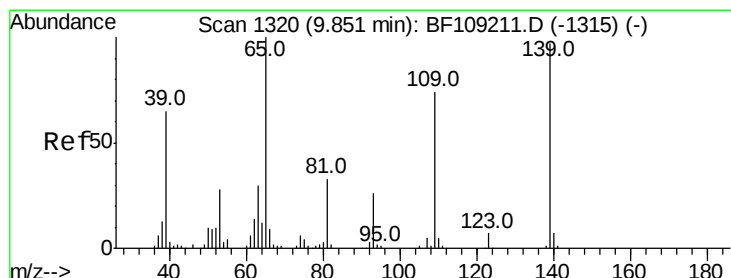
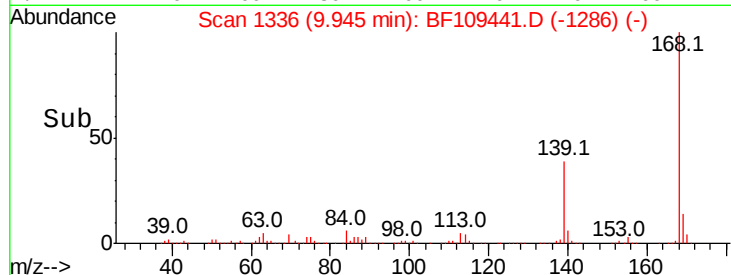
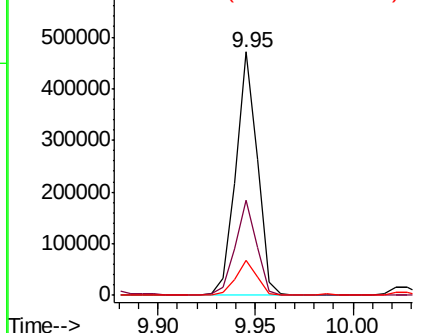


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55
4-Nitrophenol
Concen: 53.037 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

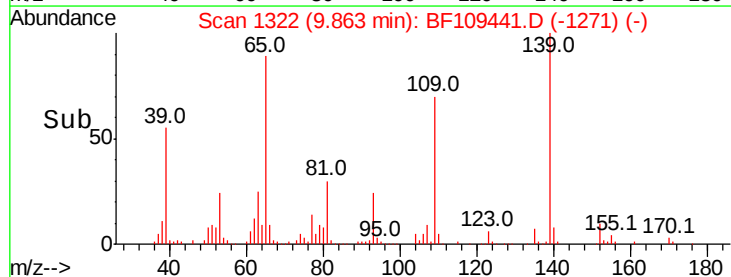
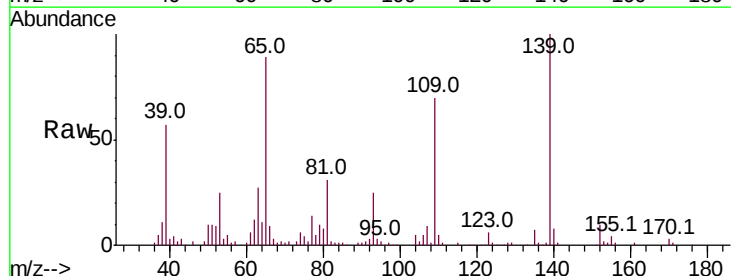
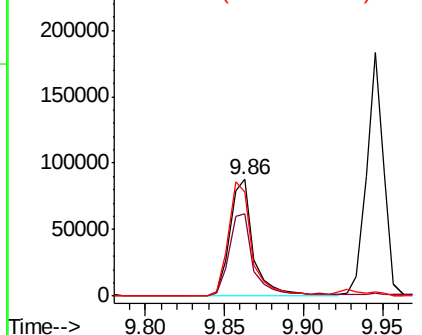
Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.4		48.4	88.4
65	89.1		72.6	112.6

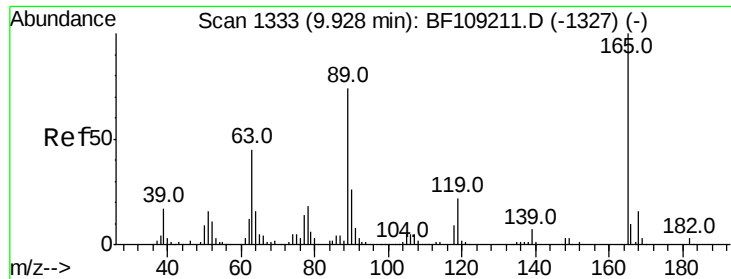
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#56

2,4-Dinitrotoluene

Concen: 25.836 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

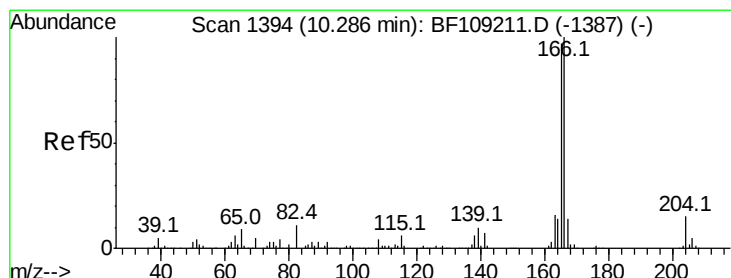
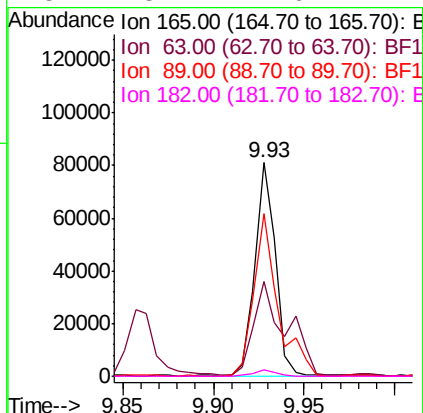
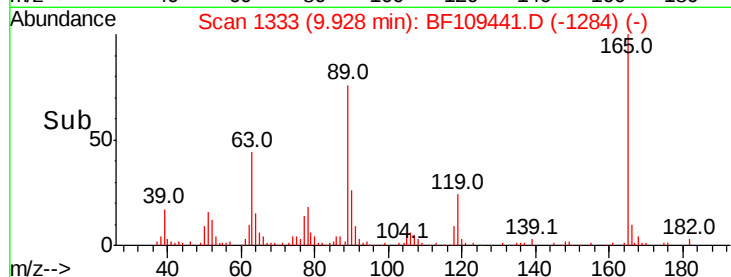
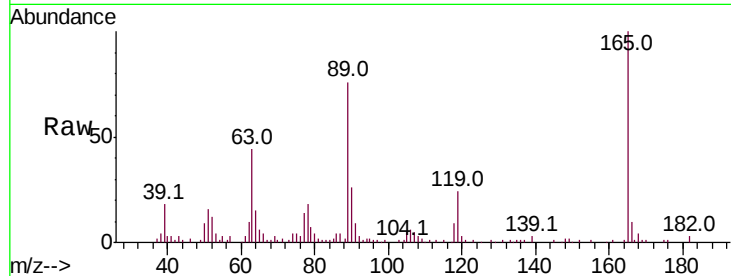
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tot Ion:	165	Resp:	64310
Ion Ratio	Lower	Upper	
165	100		
63	44.4	36.4	54.6
89	76.1	57.8	86.6
182	3.1	1.6	2.4#

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#57

Fluorene

Concen: 31.658 ng

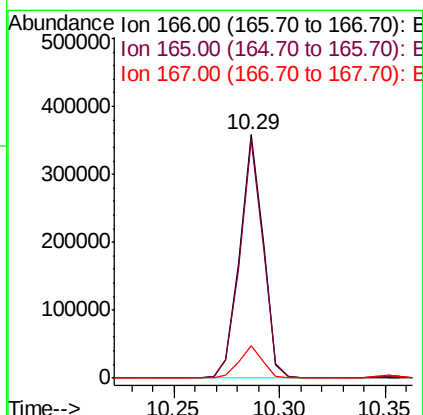
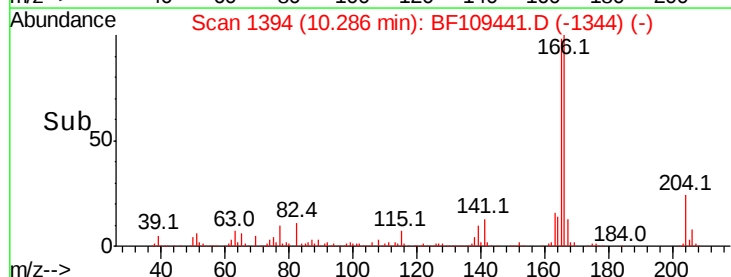
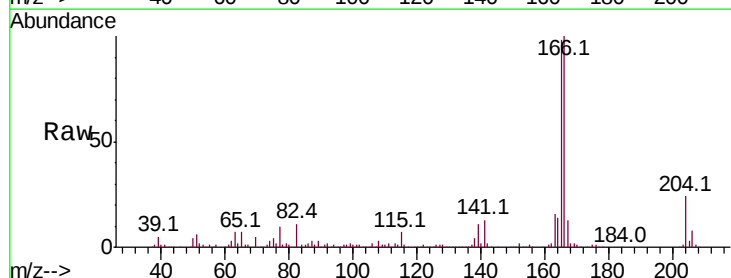
RT: 10.29 min Scan# 1394

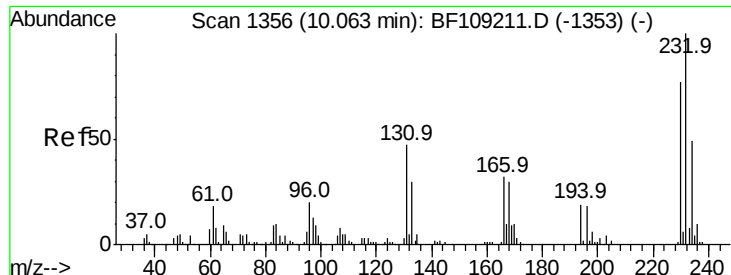
Delta R.T. -0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Tgt Ion:	166	Resp:	272356
Ion Ratio	Lower	Upper	
166	100		
165	98.2	79.8	119.8
167	13.1	10.6	16.0





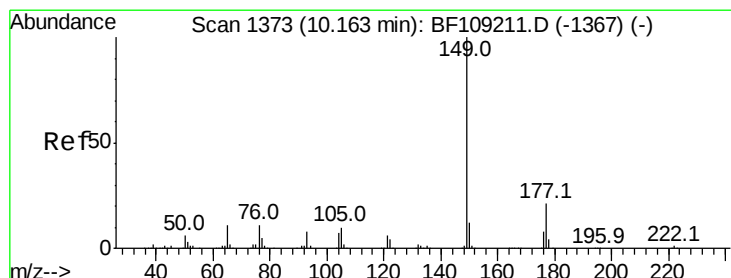
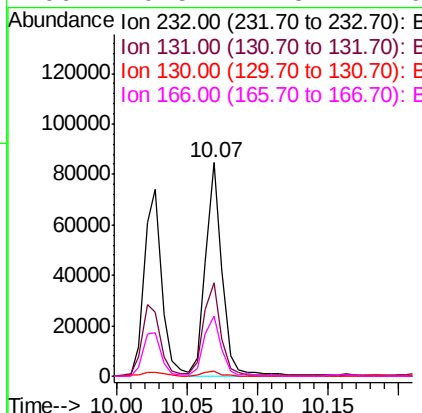
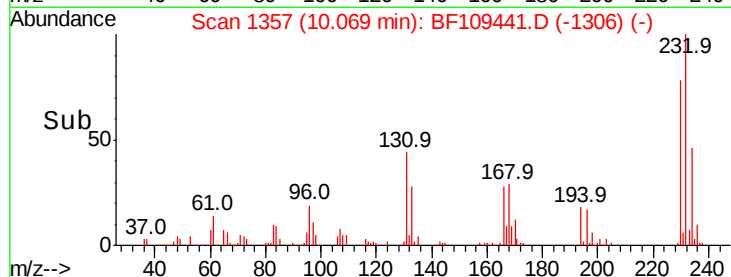
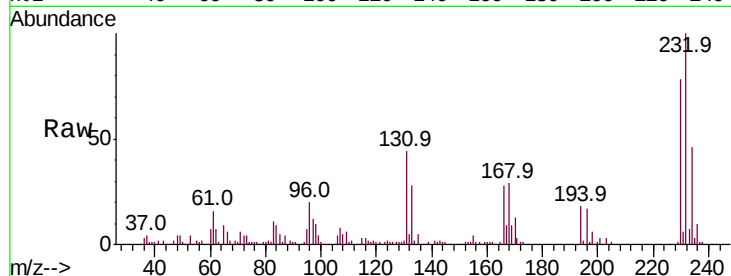
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.067 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.9	43.8	65.8
130	2.4	2.1	3.1
166	29.5	27.8	41.6

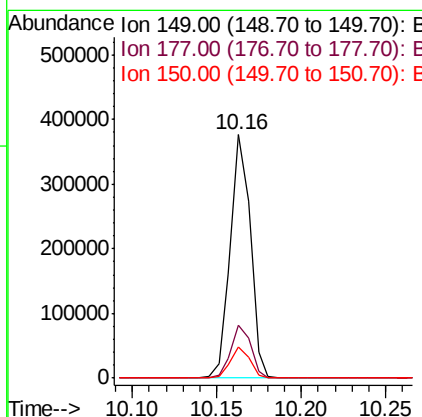
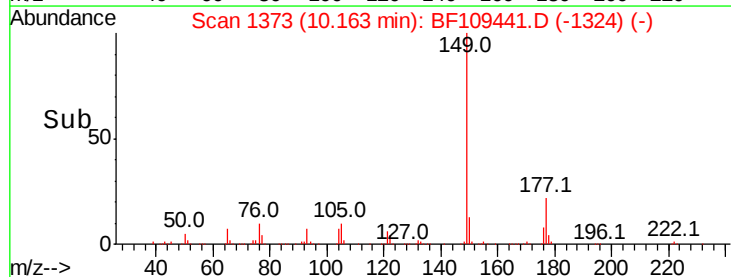
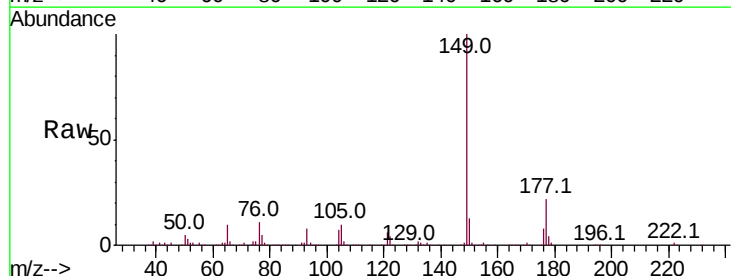
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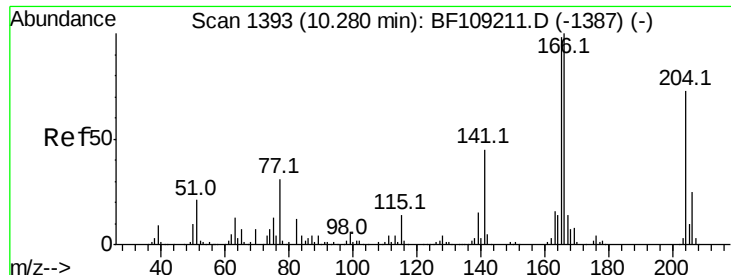
Sohil
 10/1/2018 9:57:21 AM



#59
 Diethylphthalate
 Concen: 30.967 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.1	24.1
150	12.6	10.1	15.1





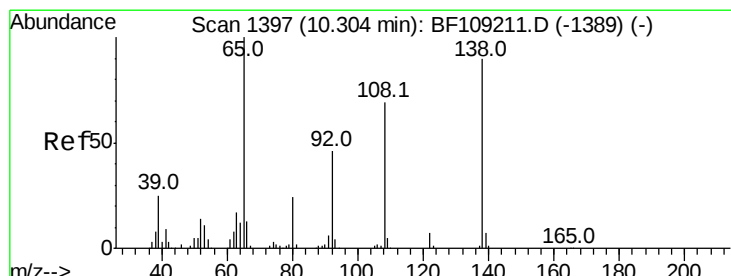
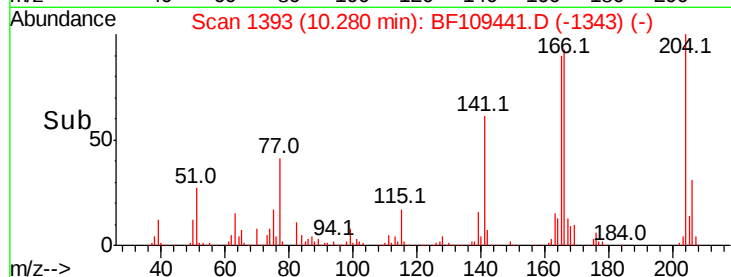
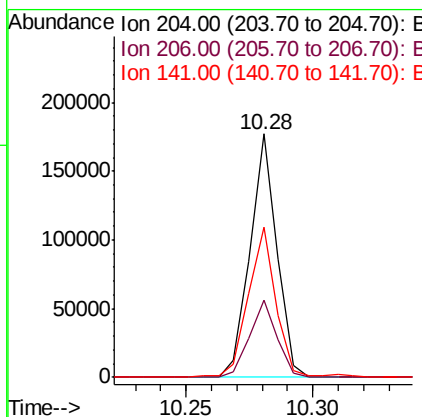
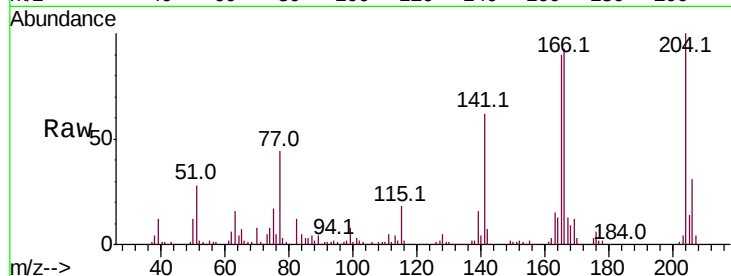
#60
 4-Chlorophenyl-phenylether
 Concen: 29.002 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

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

Tot Ion:	204	Resp:	130323
Ion Ratio	Lower	Upper	
204	100		
206	31.5	26.5	39.7
141	61.6	54.6	81.8

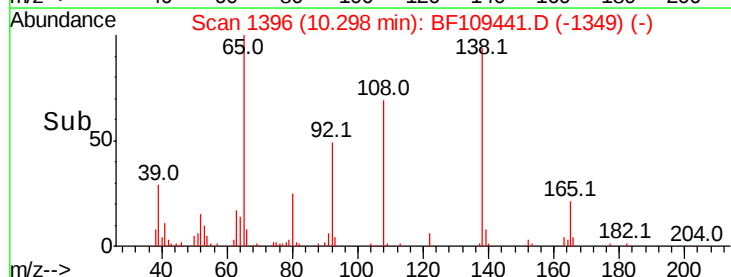
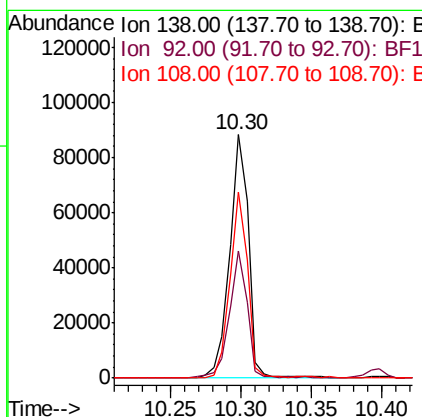
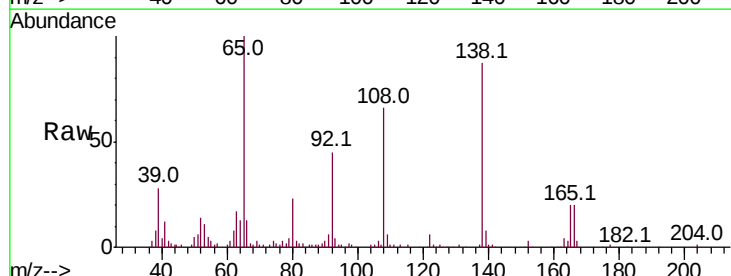
Manual Integrations
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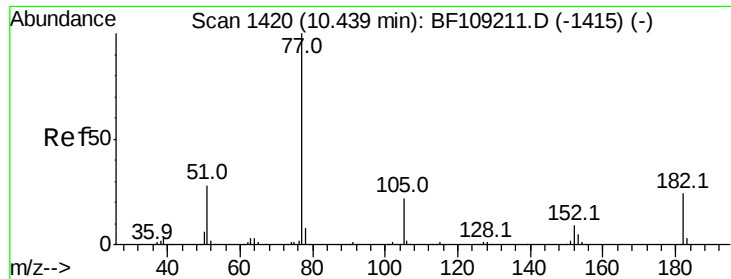
Sohil
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#61
 4-Nitroaniline
 Concen: 36.797 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion:	138	Resp:	81758
Ion Ratio	Lower	Upper	
138	100		
92	52.0	30.2	70.2
108	76.6	52.5	92.5





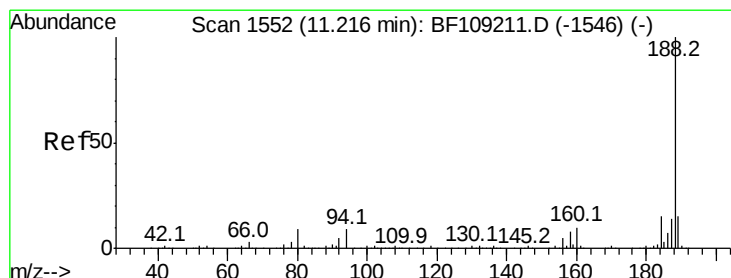
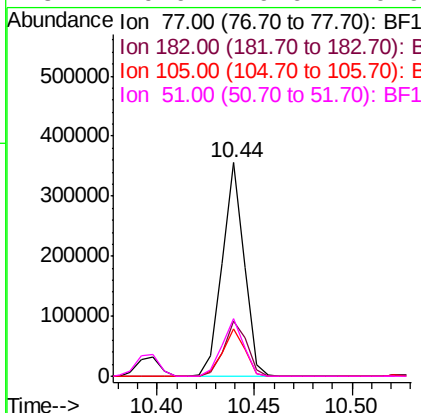
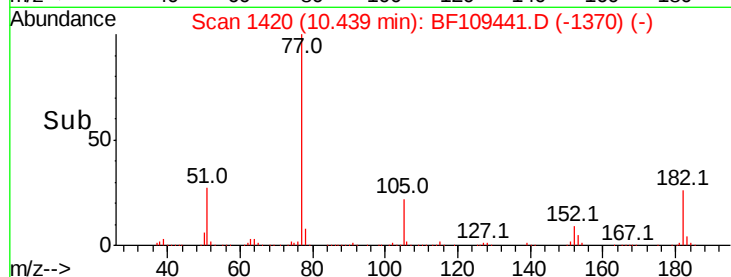
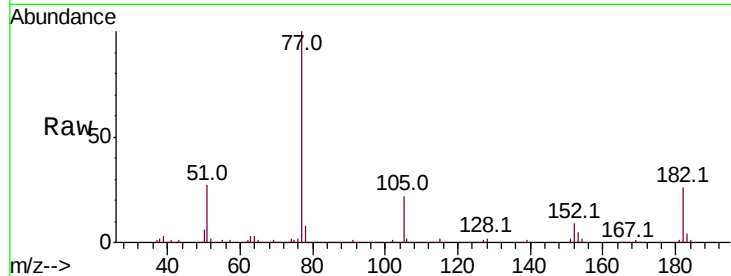
#62
Azobenzene
Concen: 26.398 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		275876		
182	25.9	1.7	41.7		
105	22.4	3.0	43.0		
51	26.9	9.9	49.9		

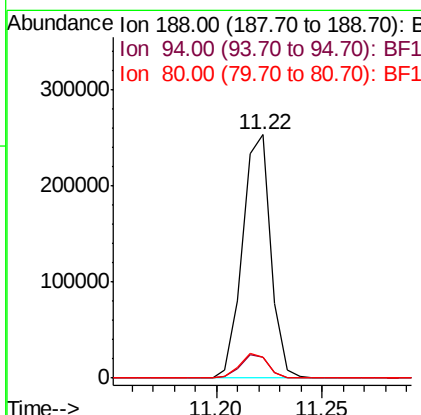
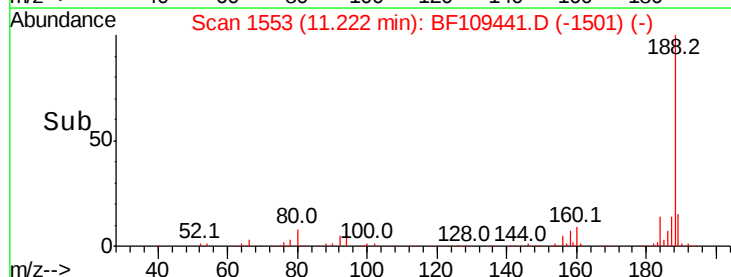
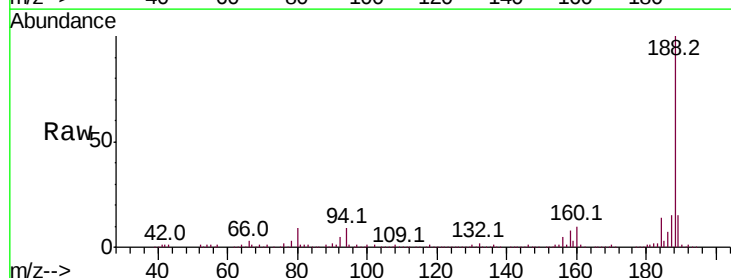
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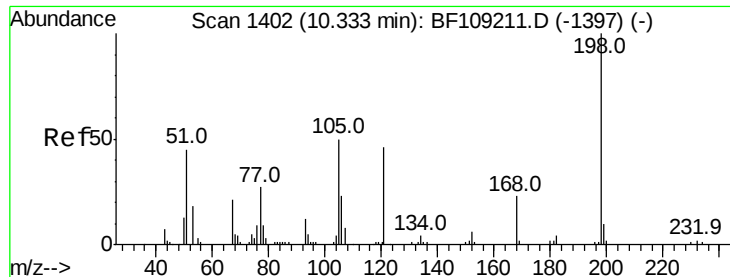
Sohil
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		233984		
94	8.7	8.5	12.7		
80	8.6	9.2	13.8		





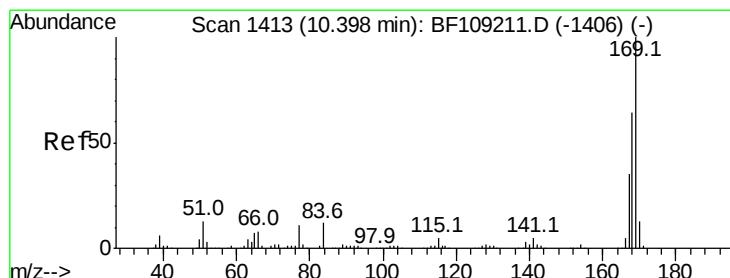
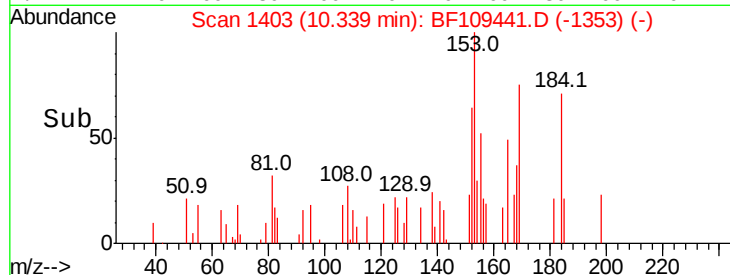
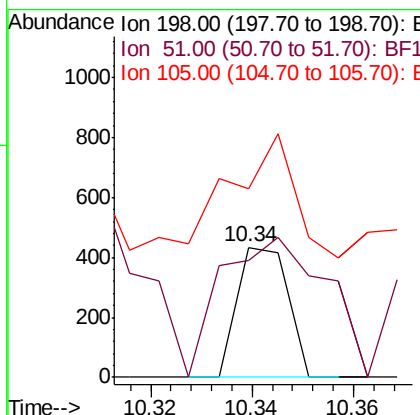
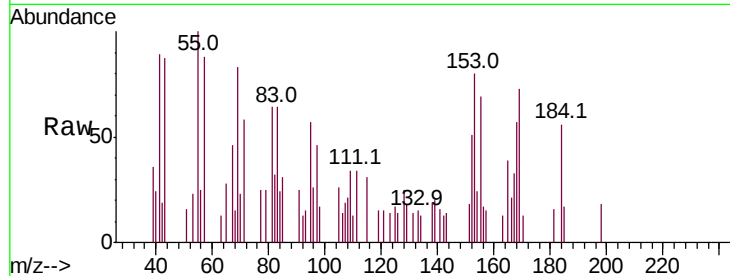
#64
4,6-Dinitro-2-methylphenol
Concen: 6.797 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	90.3	37.7	77.7#	
105	145.5	36.3	76.3#	

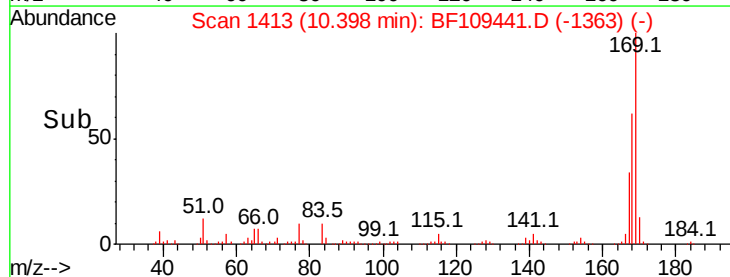
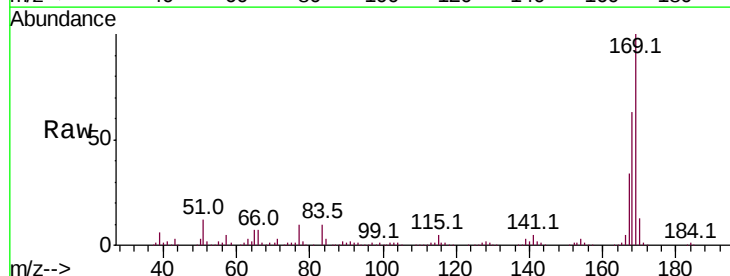
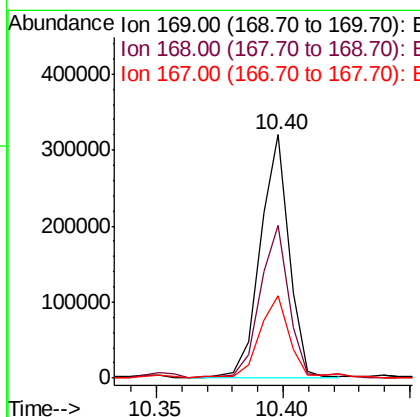
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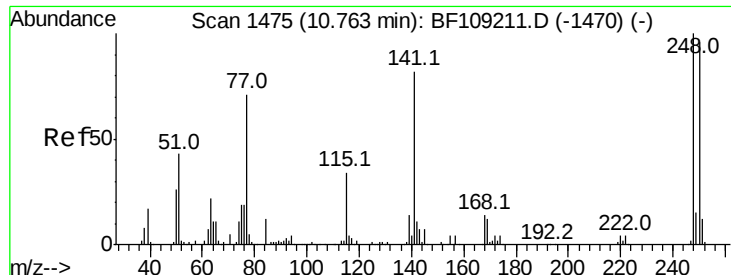
Sohil
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#65
n-Nitrosodiphenylamine
Concen: 32.857 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	62.5	54.4	81.6	
167	33.9	29.8	44.6	





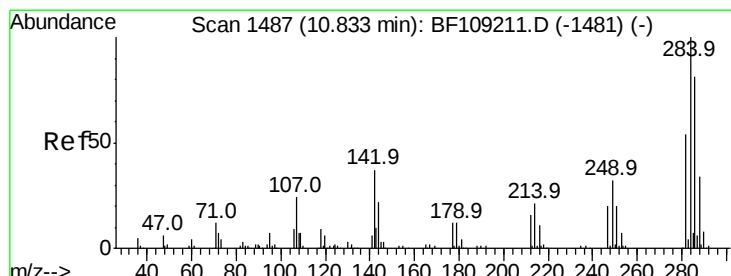
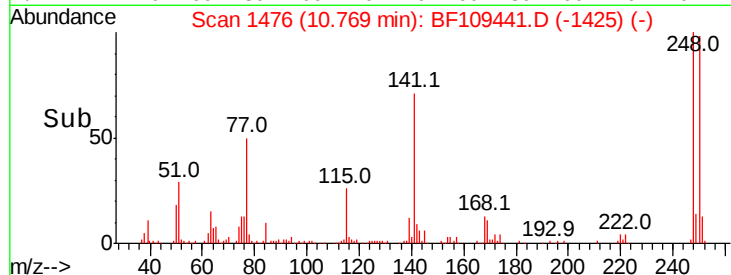
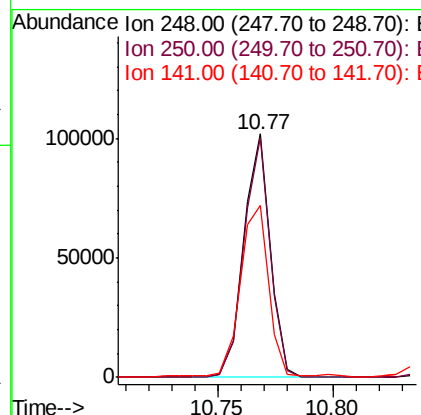
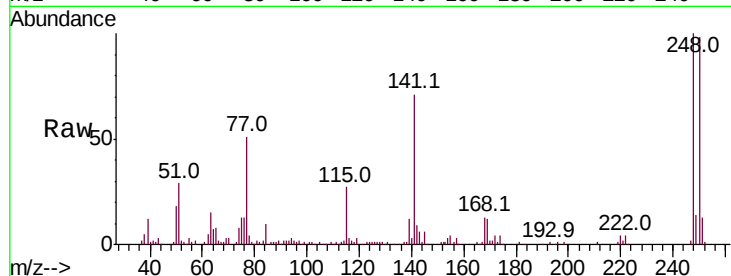
#66
 4-Bromophenyl-phenylether
 Concen: 31.251 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.9	115.3
141	70.5	74.4	111.6

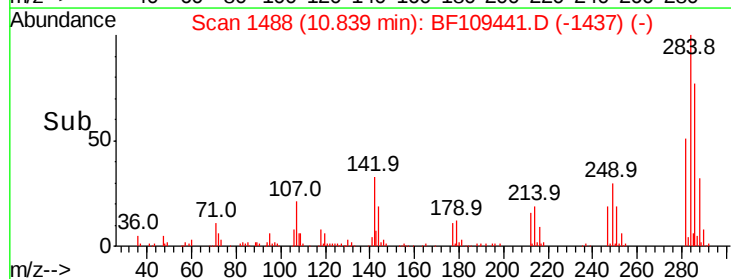
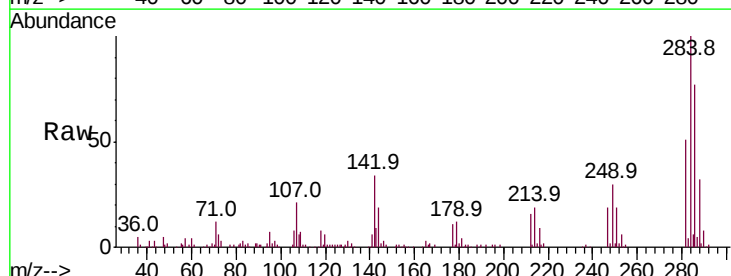
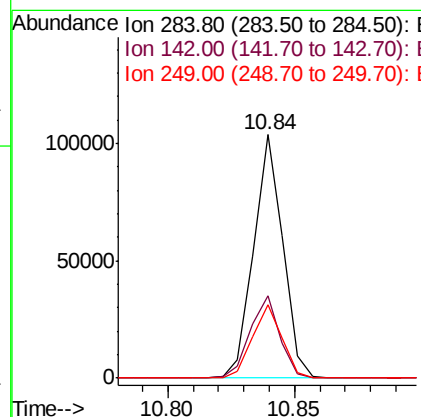
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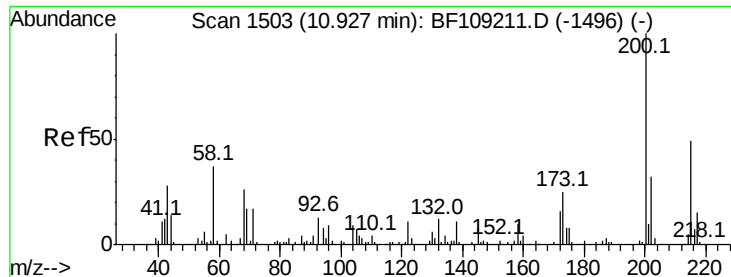
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#67
 Hexachlorobenzene
 Concen: 30.138 ng
 RT: 10.84 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	34.6	52.0
249	30.2	24.8	37.2





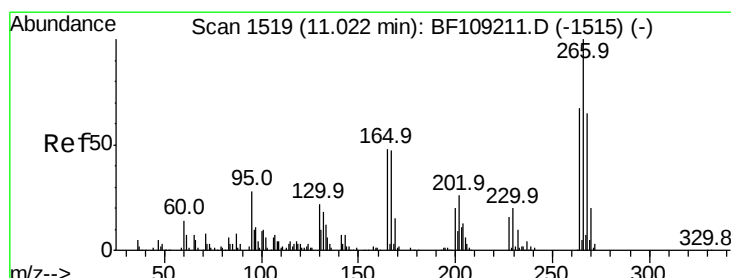
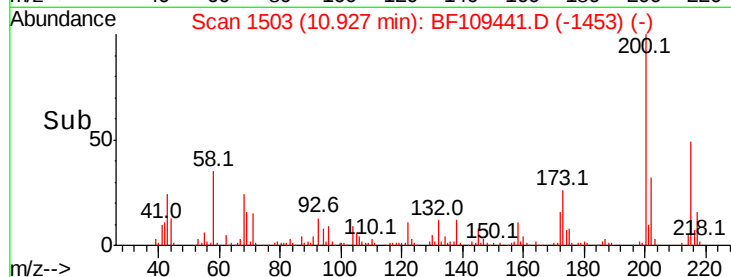
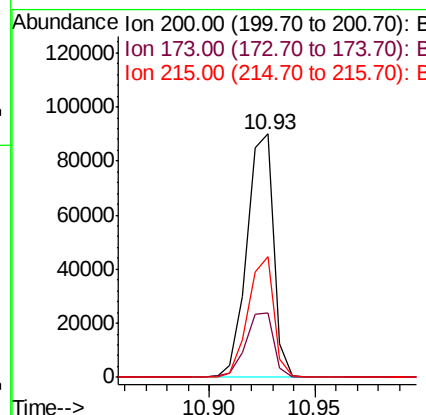
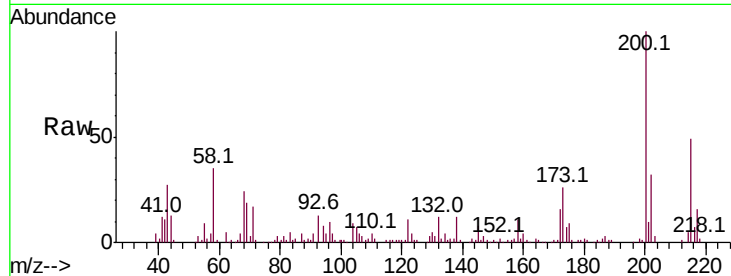
#68
Atrazine
Concen: 33.174 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	8.6	48.6
215	49.4	25.1	65.1

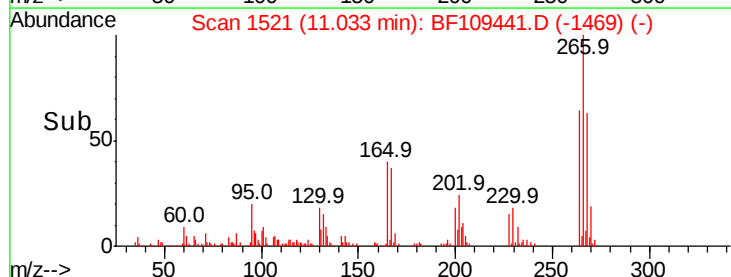
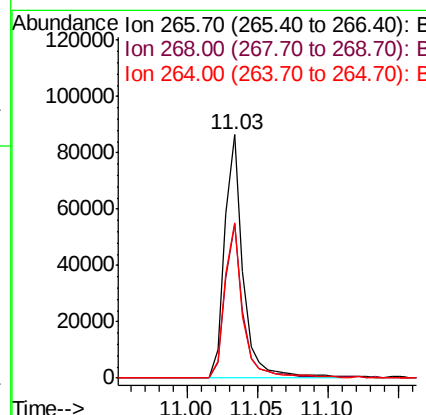
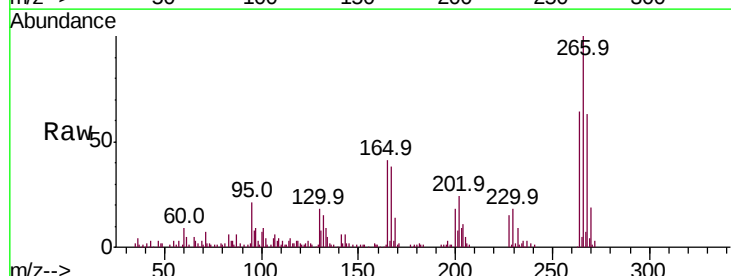
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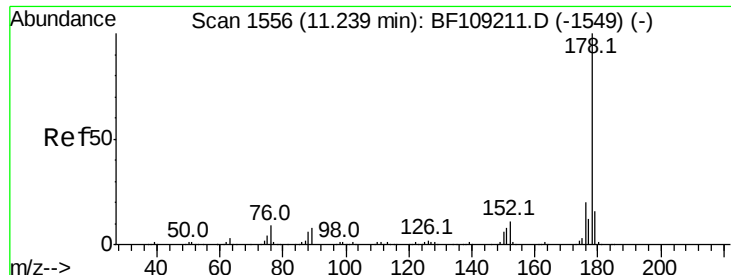
Sohil
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#69
Pentachlorophenol
Concen: 47.879 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	51.1	76.7
264	63.8	49.5	74.3





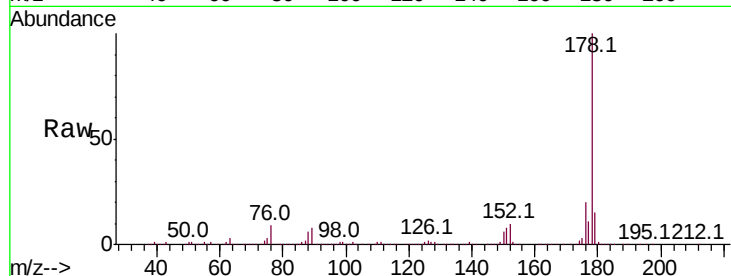
#70
Phenanthrene
Concen: 42.838 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.4	13.0	19.6

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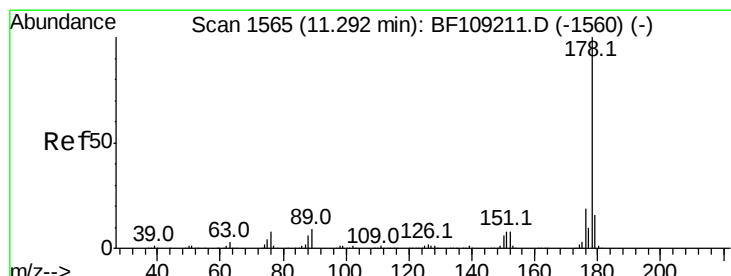
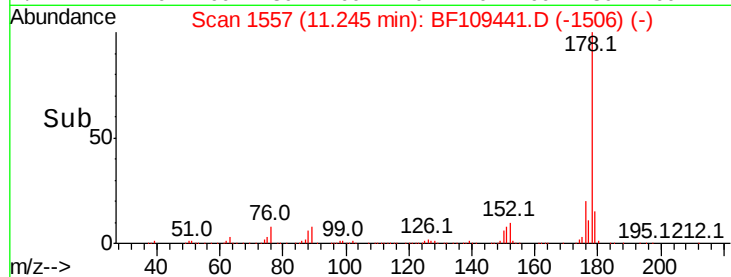
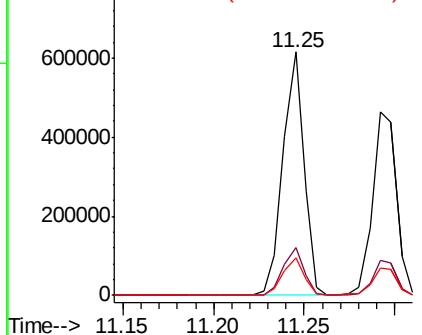


Abundance

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



#71
Anthracene
Concen: 35.373 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

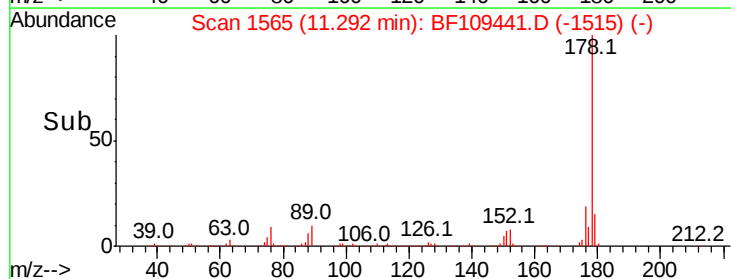
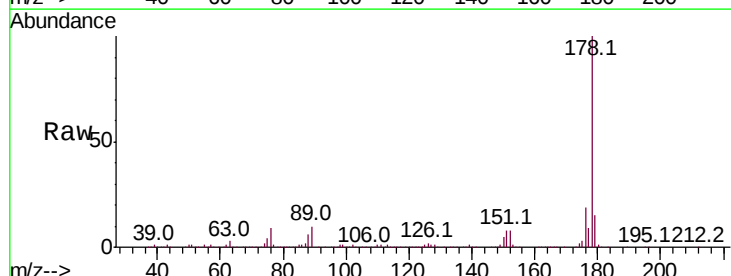
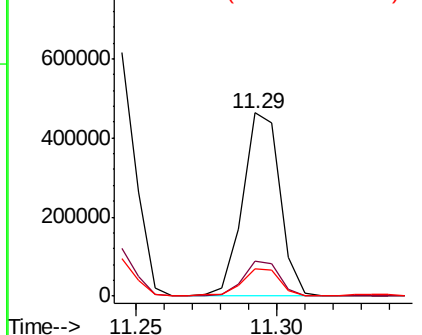
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.6	19.0

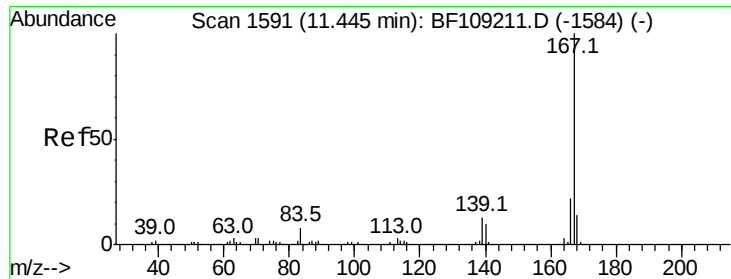
Abundance

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: 31.646 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tot Ion:167 Resp: 373092

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

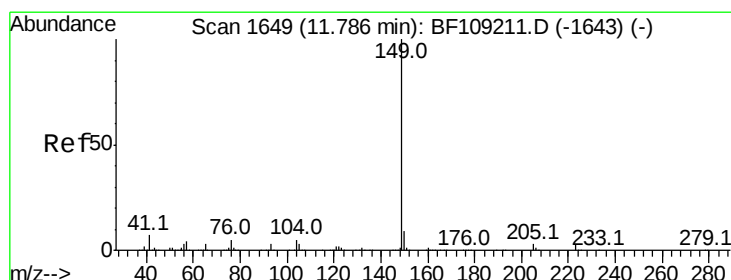
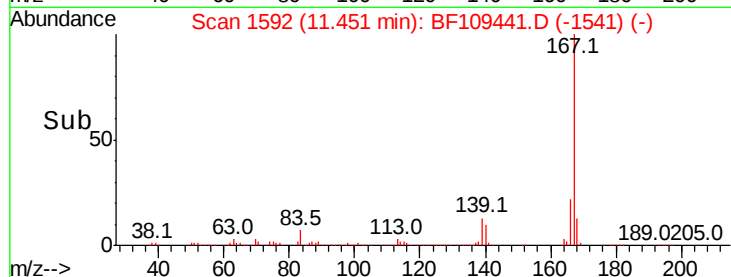
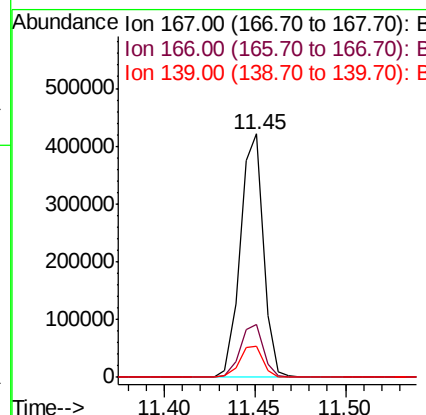
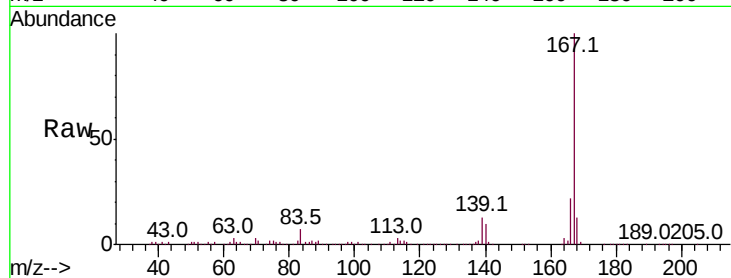
139 12.6 10.9 16.3

Manual Integrations

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#73

Di-n-butylphthalate

Concen: 33.034 ng

RT: 11.79 min Scan# 1649

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

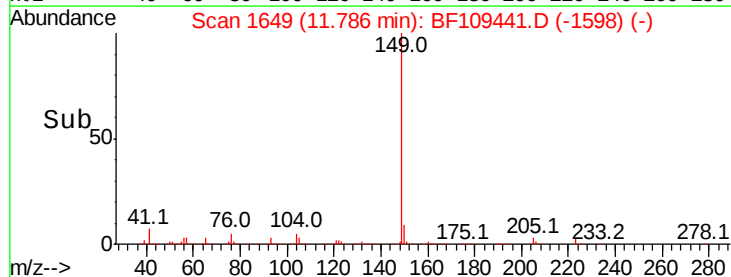
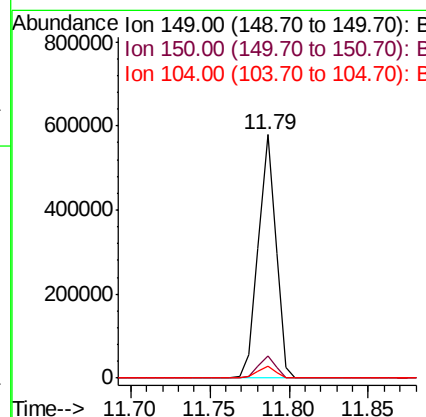
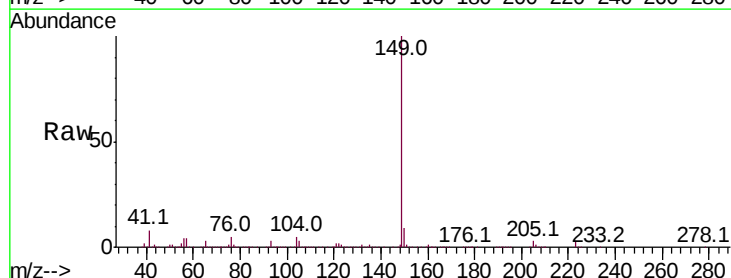
Tgt Ion:149 Resp: 448341

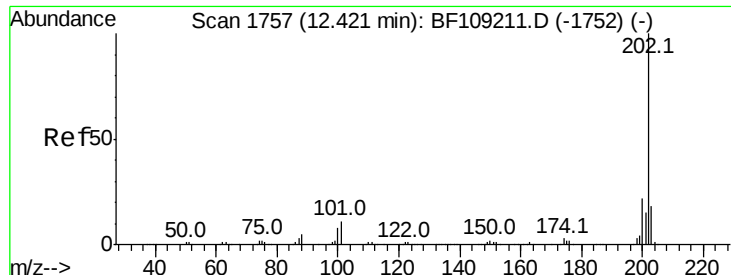
Ion Ratio Lower Upper

149 100

150 9.2 7.8 11.6

104 4.7 3.8 5.8





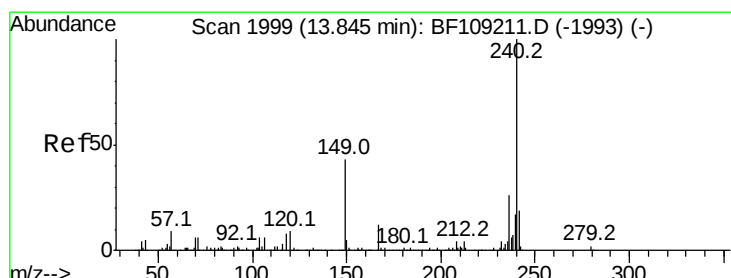
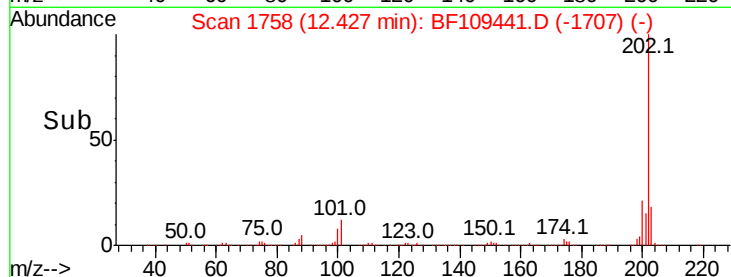
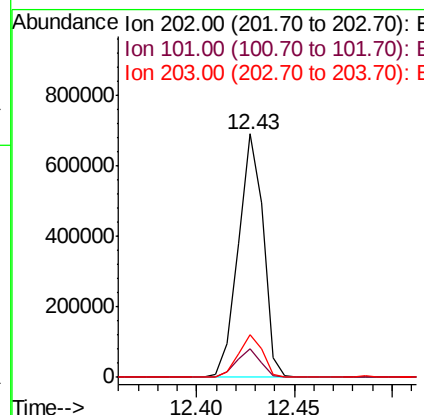
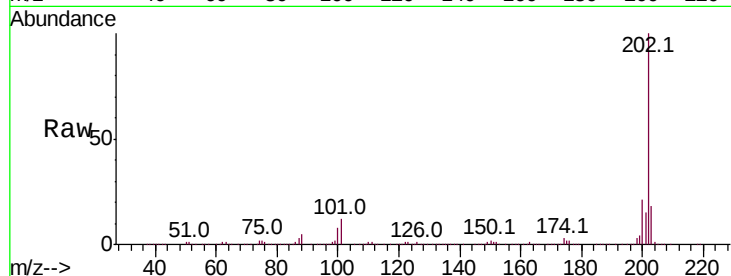
#74
 Fluoranthene
 Concen: 48.796 ng
 RT: 12.43 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.6	0.0	34.1
203	17.5	0.0	38.1

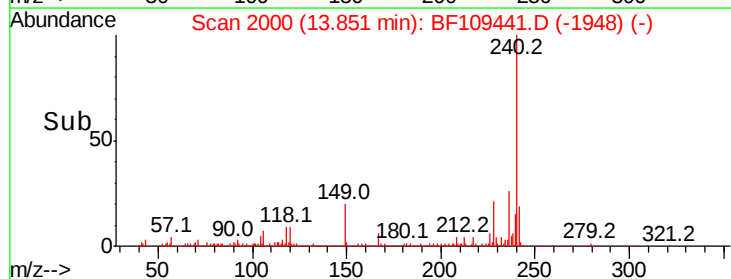
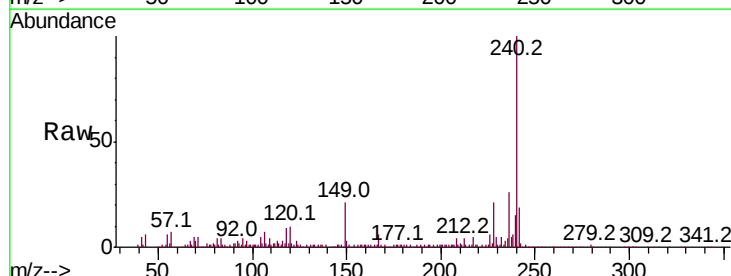
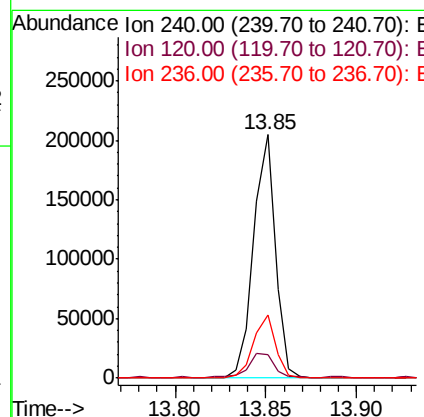
Manual Integrations
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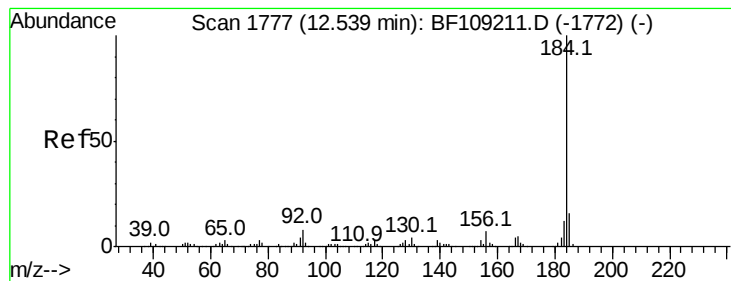
Sohil
 10/1/2018 9:57:21 AM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.9	20.7	31.1





#76

Benzidine

Concen: 37.104 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

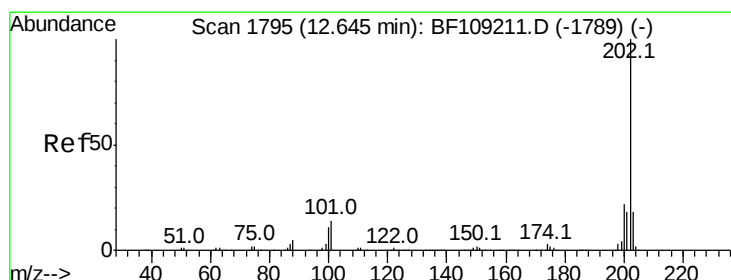
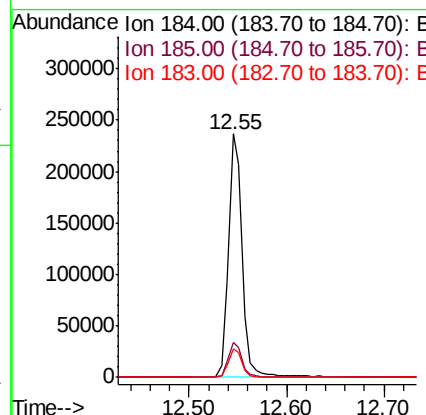
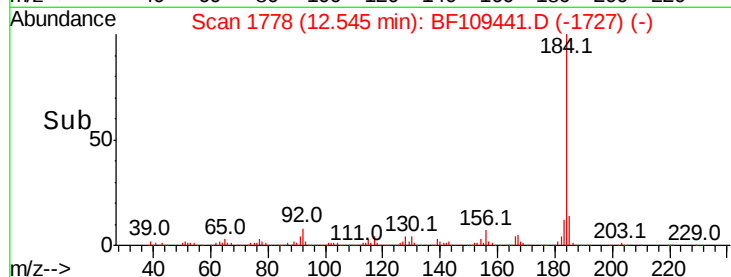
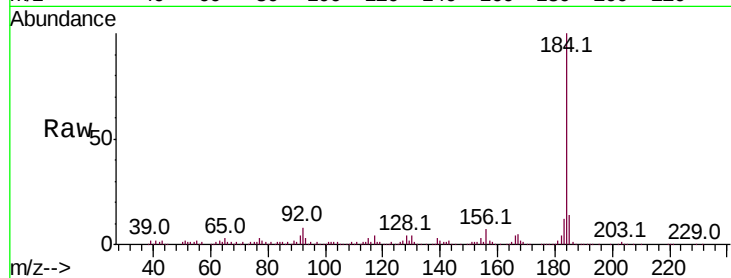
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tot Ion:	184	Resp:	230807
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.6	18.8
183	11.6	9.3	13.9

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#77

Pyrene

Concen: 46.770 ng

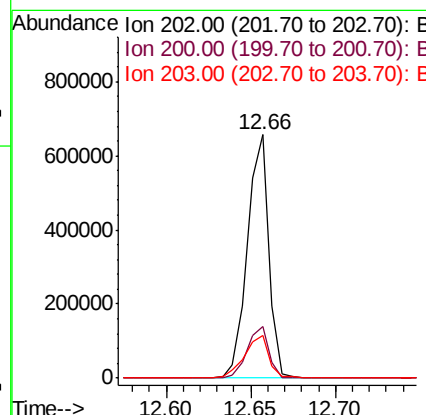
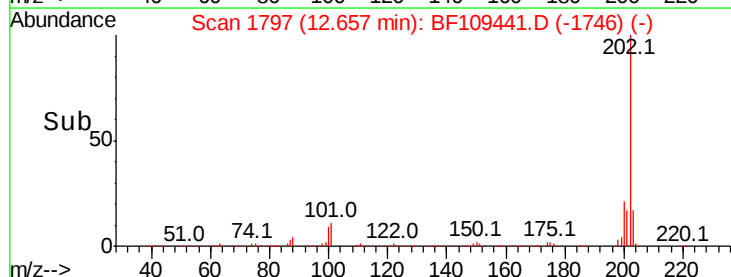
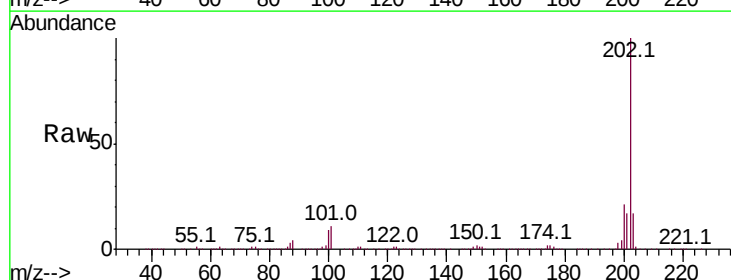
RT: 12.66 min Scan# 1797

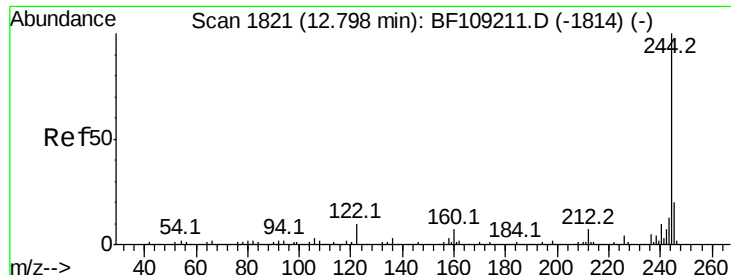
Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Tgt Ion:	202	Resp:	578302
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.4	26.2
203	17.3	14.3	21.5





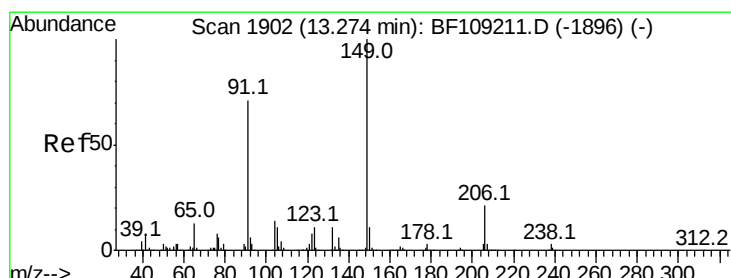
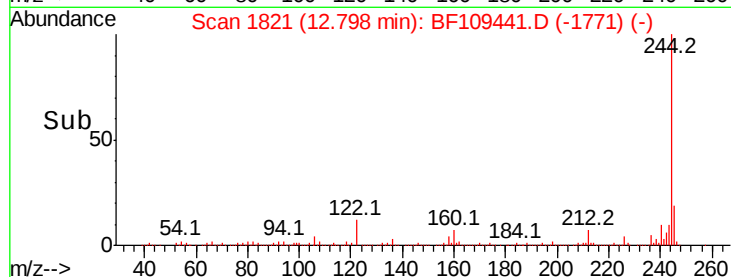
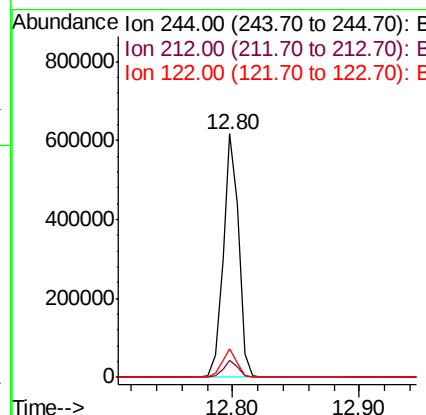
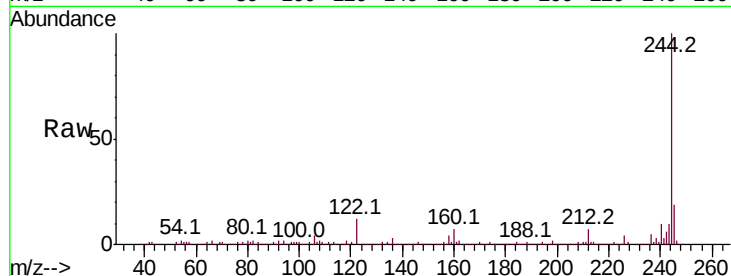
#78
 Terphenyl-d14
 Concen: 74.565 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	12.0	11.0	16.4

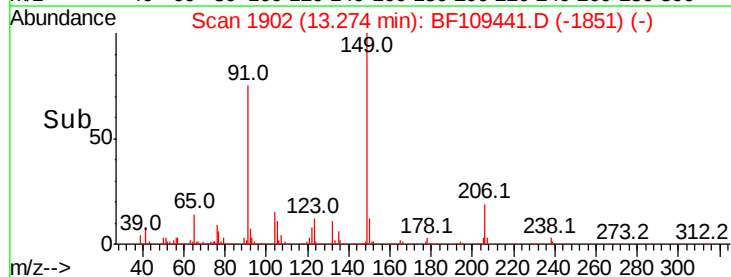
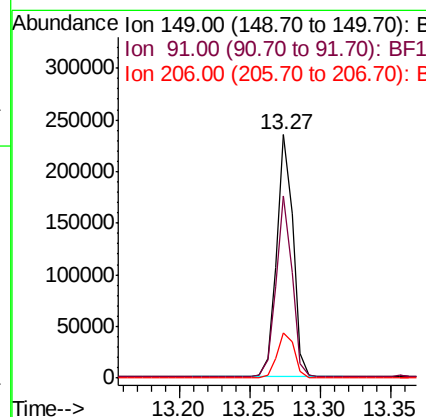
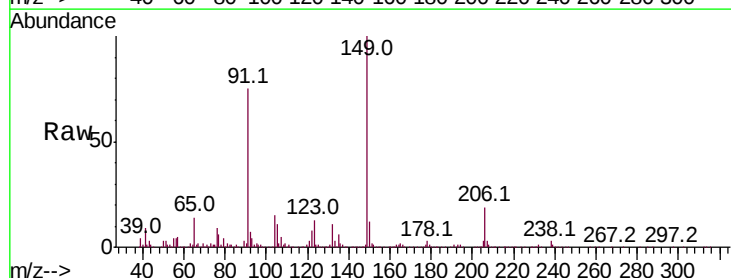
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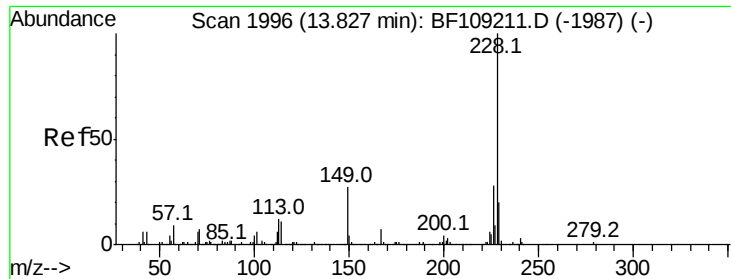
Sohil
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#79
 Butylbenzylphthalate
 Concen: 36.502 ng
 RT: 13.27 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BF109441.D
 Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.0	56.8	85.2
206	18.6	14.1	21.1





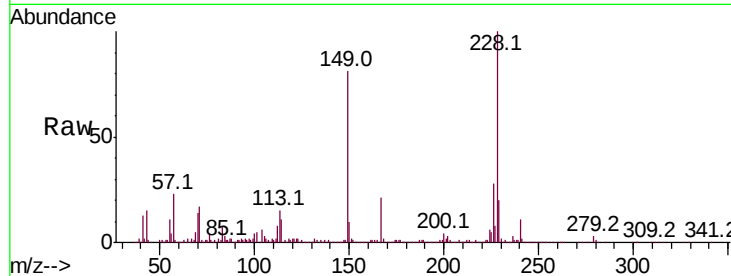
#80
Benzo(a)anthracene
Concen: 36.466 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.0	15.8	23.6

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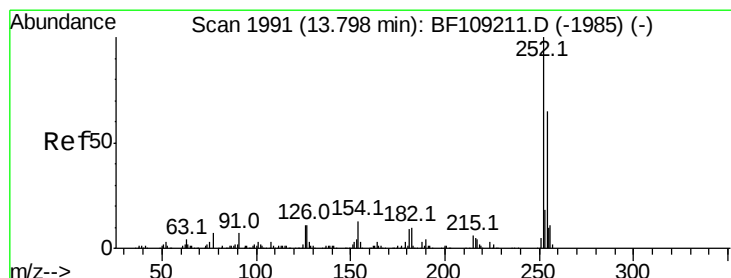
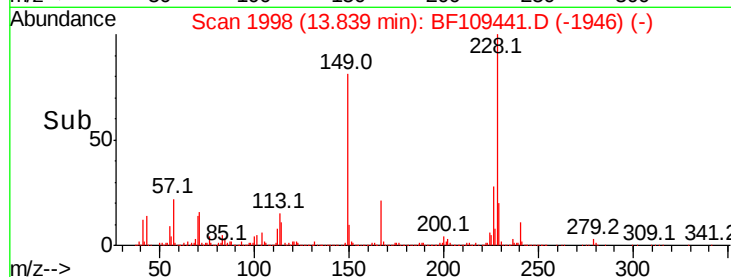
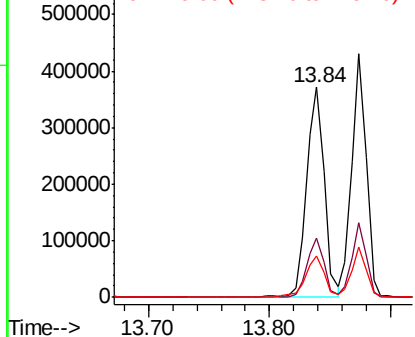


Abundance

Ion 228.00 (227.70 to 228.70): E

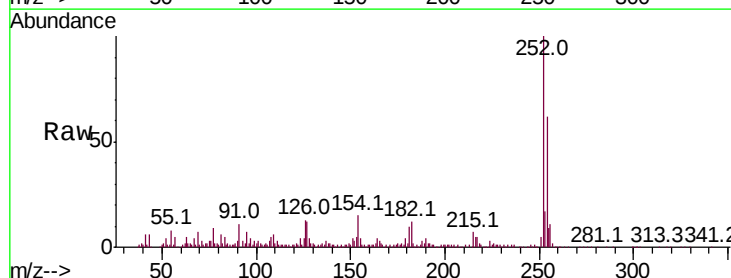
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81
3,3'-Dichlorobenzidine
Concen: 30.651 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.3	50.4	75.6
126	12.6	11.3	16.9

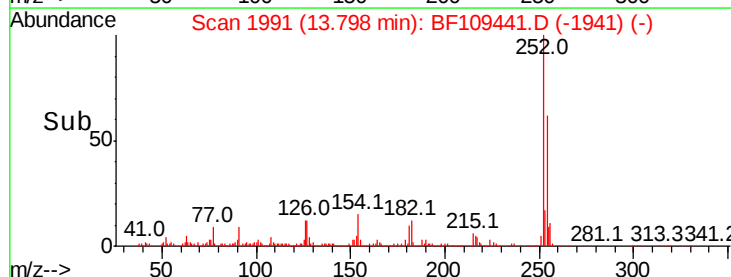
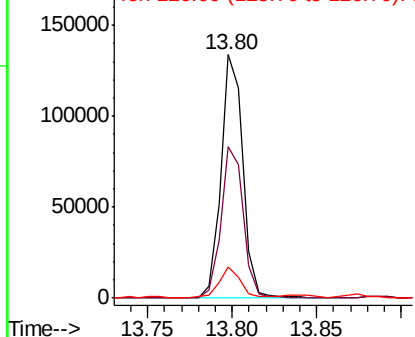


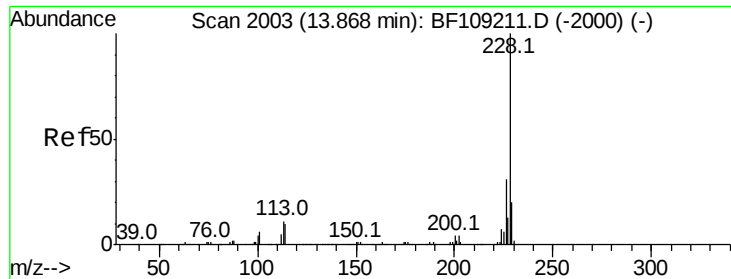
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrvsene

Concen: 34.711 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

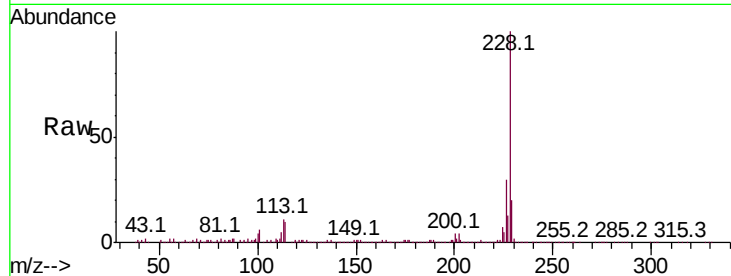
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

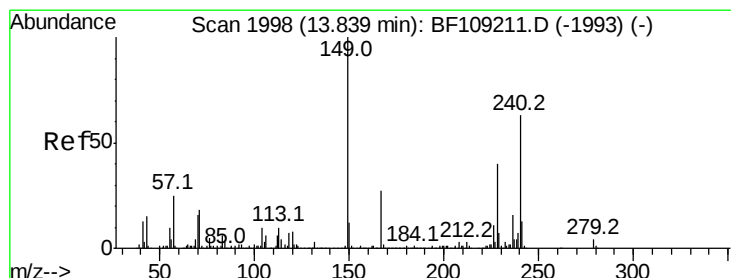
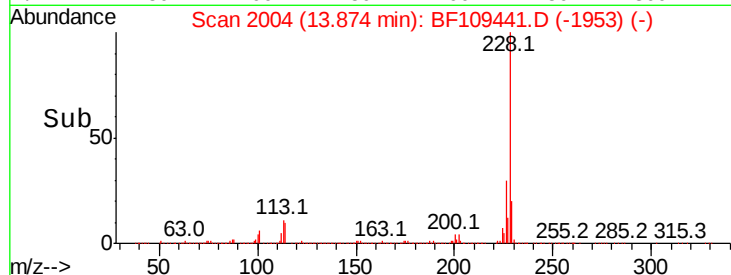
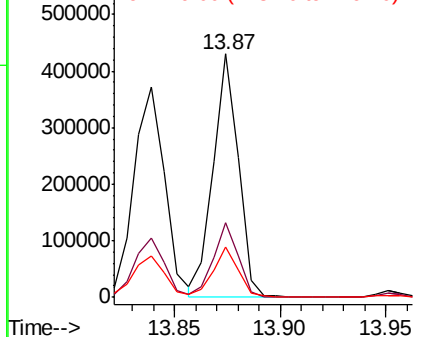
Tot Ion:	228	Resp:	357518
Ion Ratio	Lower	Upper	
228	100		
226	30.4	25.0	37.6
229	20.4	16.2	24.4

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 38.479 ng

RT: 13.84 min Scan# 1998

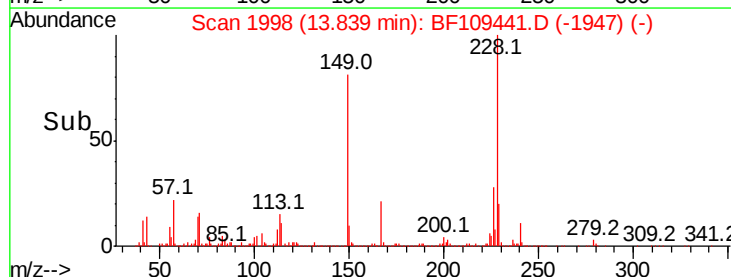
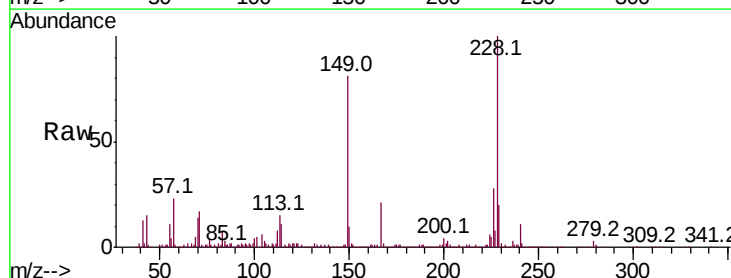
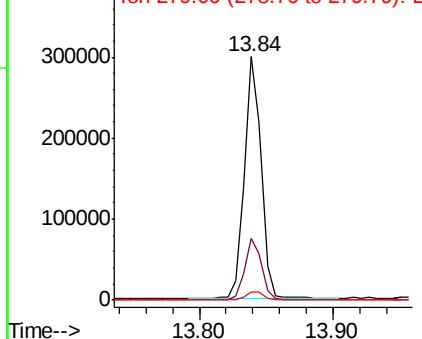
Delta R.T. 0.00 min

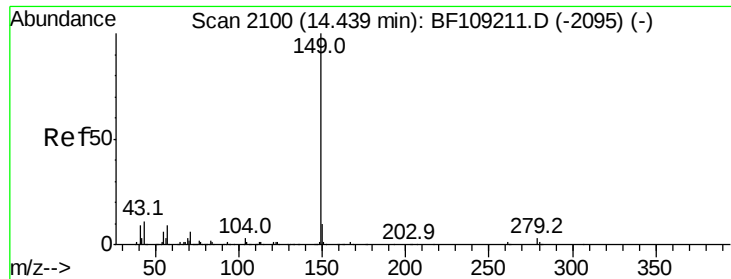
Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Tgt Ion:	149	Resp:	255283
Ion Ratio	Lower	Upper	
149	100		
167	25.6	21.3	31.9
279	3.3	3.0	4.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 36.432 ng

RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

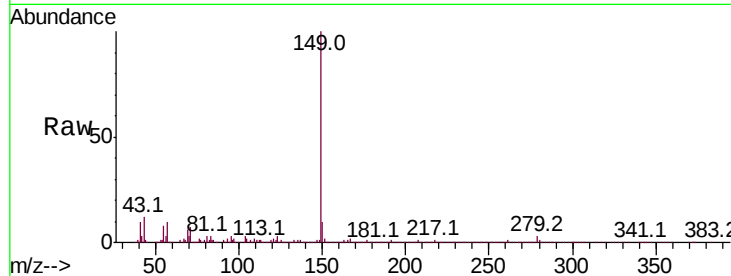
ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

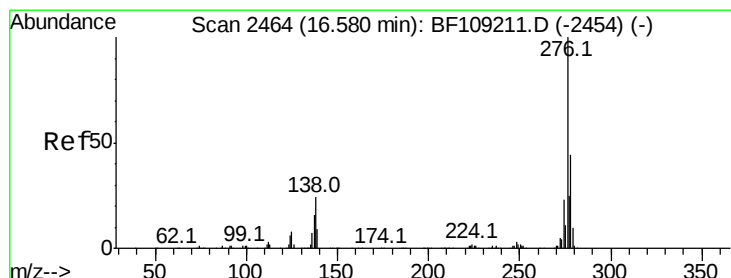
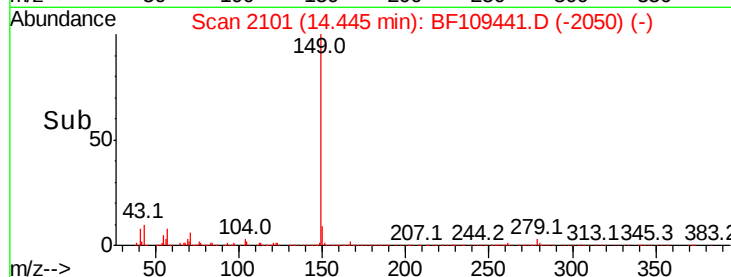
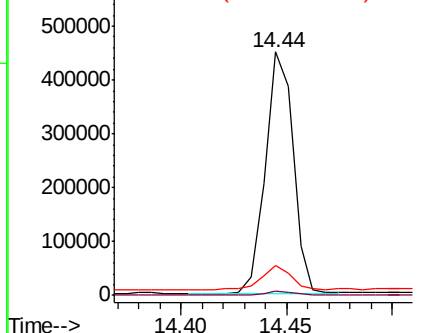
Tot Ion:	149	Resp:	413268
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	9.9	8.4	12.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 30.539 ng

RT: 16.61 min Scan# 2469

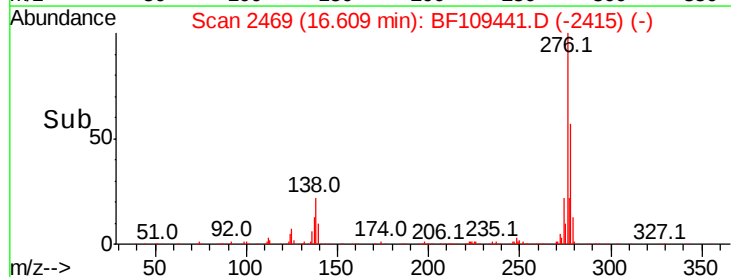
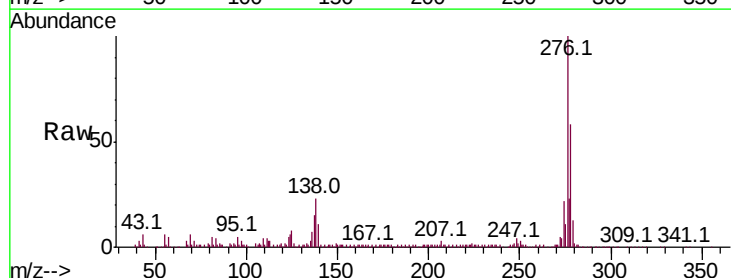
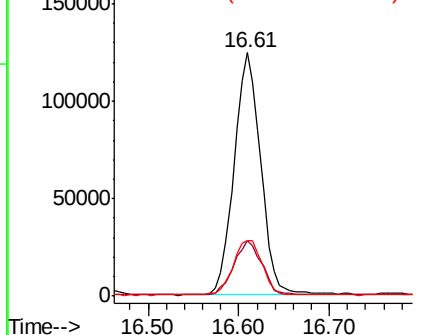
Delta R.T. 0.02 min

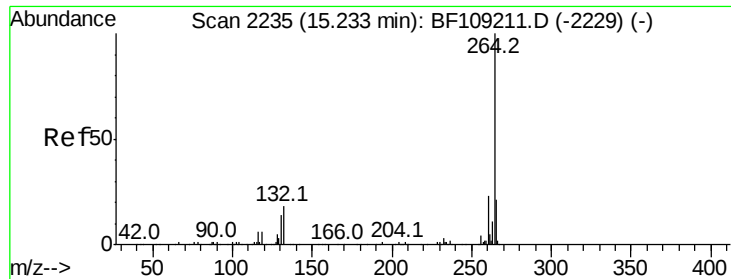
Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Tgt Ion:	276	Resp:	254967
Ion Ratio	Lower	Upper	
276	100		
138	23.3	25.0	37.6#
277	24.7	20.1	30.1

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





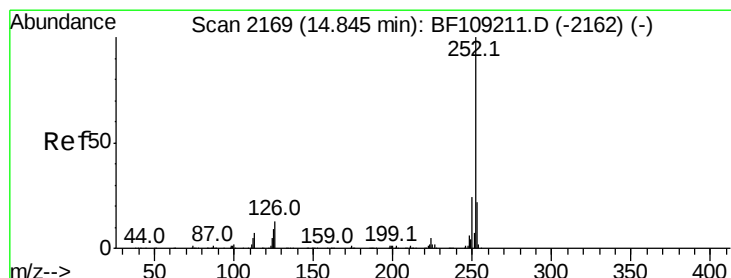
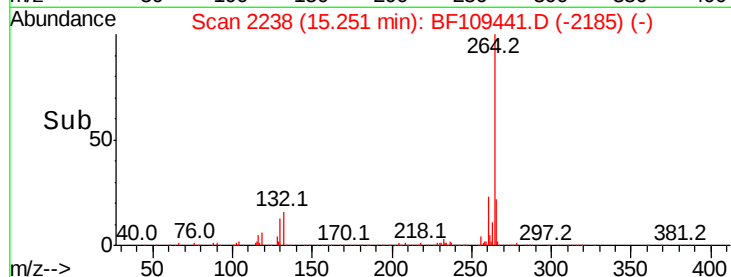
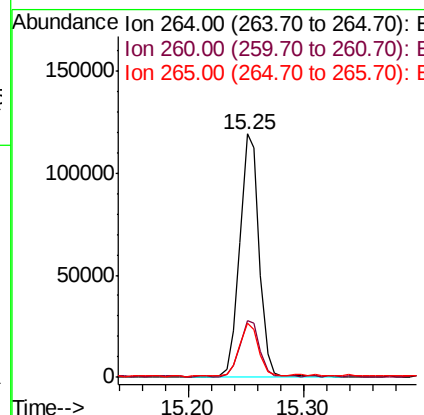
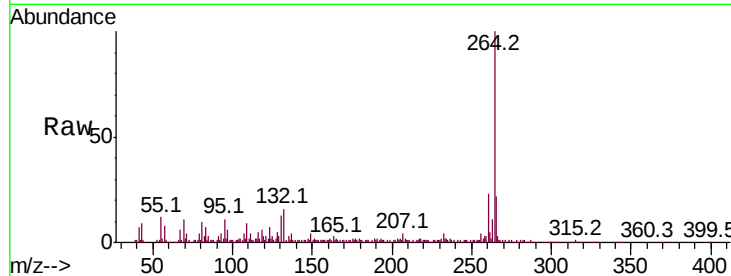
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.3	17.5	26.3

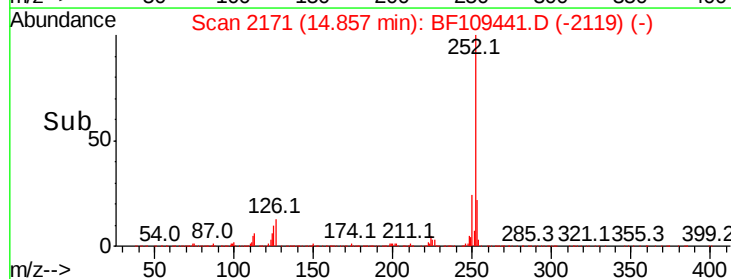
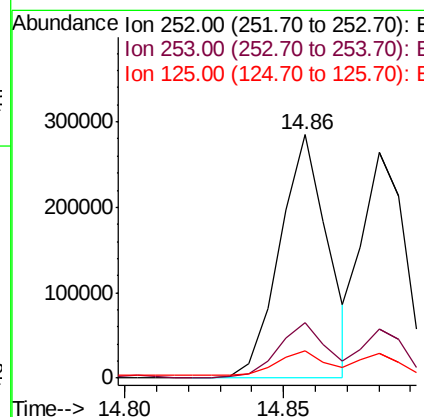
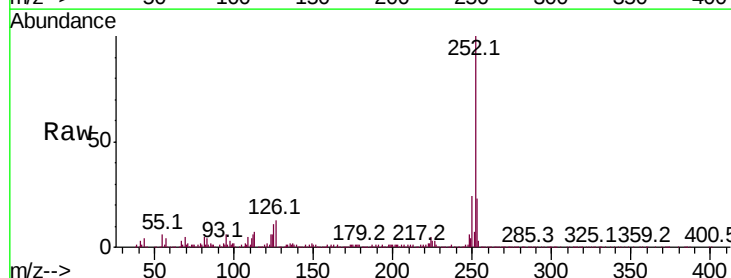
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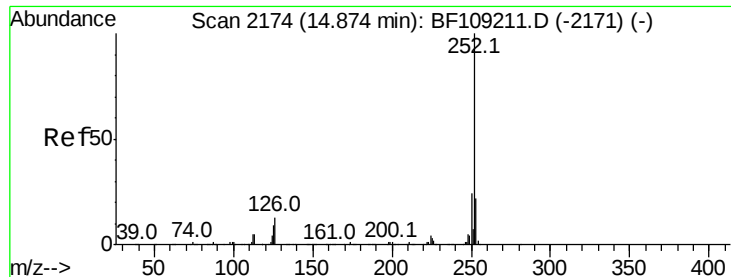
Sohil
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#87
Benzo(b)fluoranthene
Concen: 39.024 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	11.0	9.0	13.6





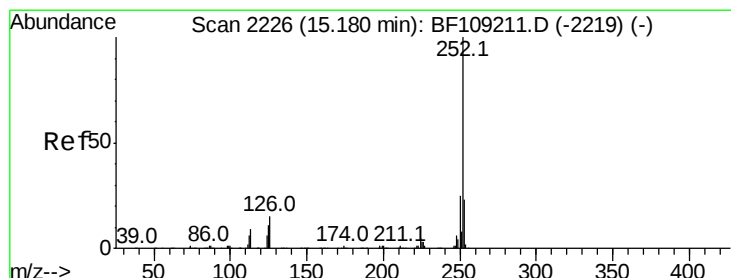
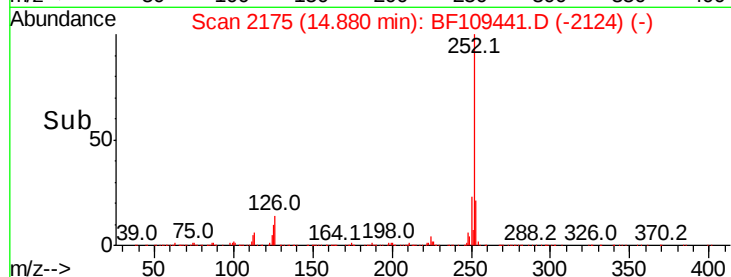
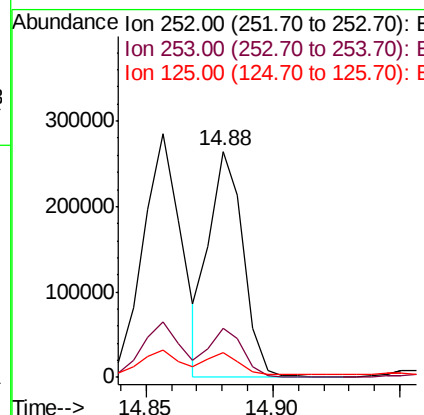
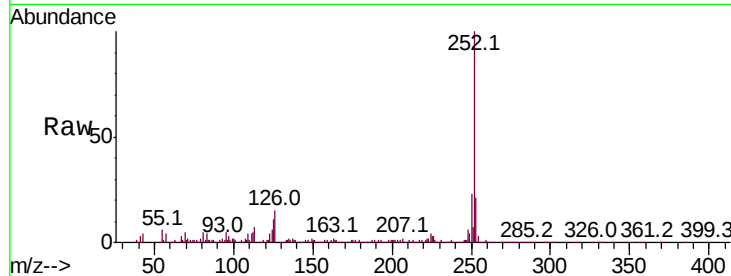
#88
Benzo(k)fluoranthene
Concen: 33.817 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

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

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.9	26.9
125	11.0	10.2	15.2

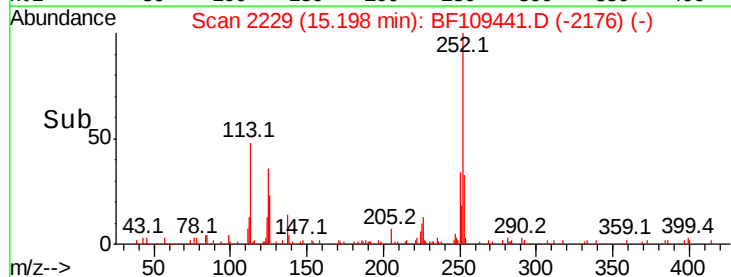
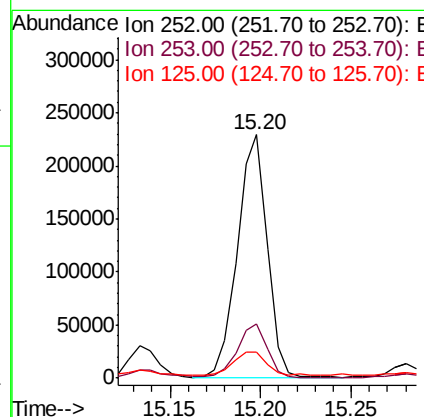
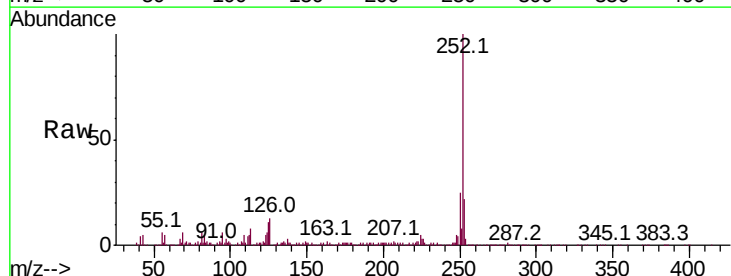
Manual Integrations
APPROVED

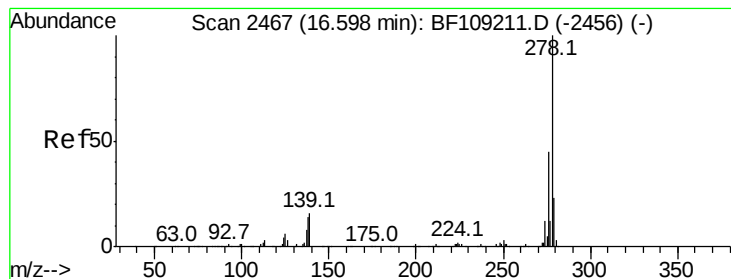
Sohil
10/1/2018 9:57:21 AM



#89
Benzo(a)pyrene
Concen: 37.620 ng
RT: 15.20 min Scan# 2229
Delta R.T. 0.01 min
Lab File: BF109441.D
Acq: 28 Sep 2018 20:18

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.1	25.7
125	10.8	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 35.095 ng

RT: 16.62 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

Instrument :

BNA_F

ClientSampleId :

RA-092518-USTEXC-NW-L-063MSD

Tot Ion:278 Resp: 199332

Ion Ratio Lower Upper

278 100

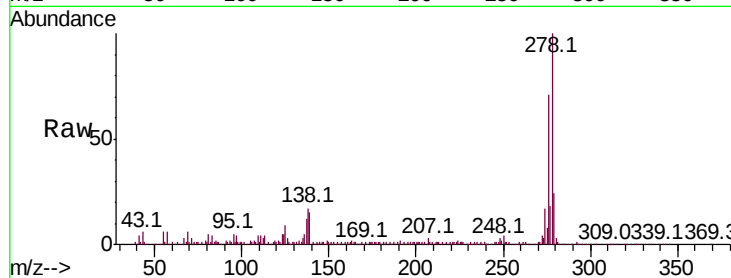
139 15.2 15.9 23.9#

279 23.6 19.0 28.4

Manual Integrations
APPROVED

Sohil

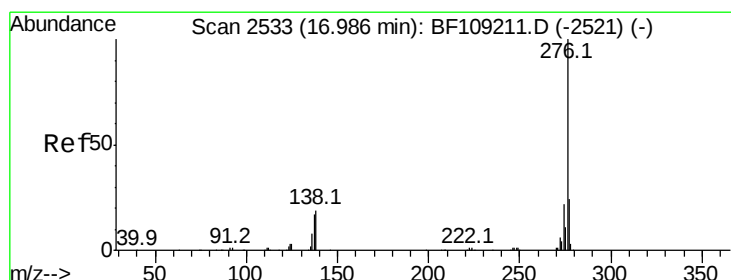
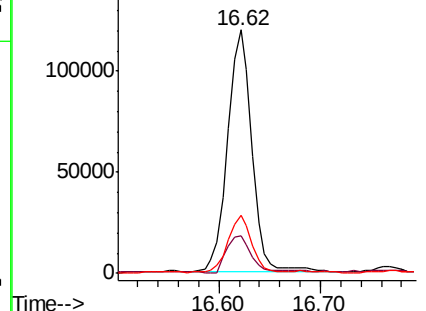
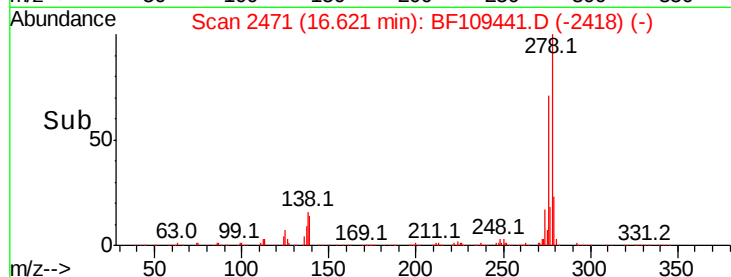
10/1/2018 9:57:21 AM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 37.524 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.02 min

Lab File: BF109441.D

Acq: 28 Sep 2018 20:18

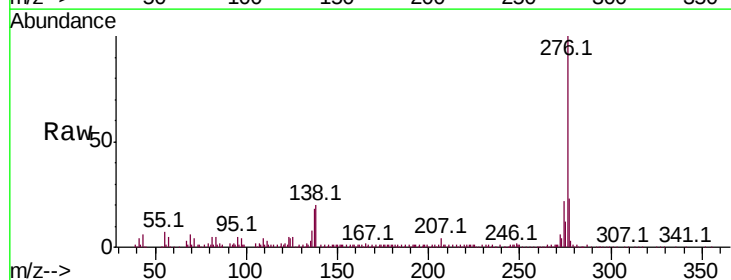
Tgt Ion:276 Resp: 209464

Ion Ratio Lower Upper

276 100

277 23.1 17.9 26.9

138 20.5 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

