

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
 Data File : BF108393.D
 Acq On : 22 Aug 2018 19:50
 Operator : JU/SJ
 Sample : J4559-10MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

Manual Integrations
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Sohil
 8/23/2018 3:43:21 PM

Quant Time: Aug 23 05:12:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	151097	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	542665	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	248811	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	392324	20.00	ng	0.00
75) Chrysene-d12	14.21	240	232724	20.00	ng	0.01
86) Perylene-d12	15.78	264	238020	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1082363	129.69	ng	0.00
7) Phenol-d6	6.64	99	1481050	133.54	ng	0.00
23) Nitrobenzene-d5	7.57	82	956249	98.33	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	333427	134.35	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1457969	94.08	ng	0.00
78) Terphenyl-d14	13.14	244	984735	107.58	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.94	88	117582	27.419	ng	88
3) Pyridine	3.71	79	358094	32.416	ng	85
4) n-Nitrosodimethylamine	3.67	42	215769	34.712	ng	82
6) Aniline	6.67	93	194104	12.867	ng	94
8) 2-Chlorophenol	6.80	128	383860	40.838	ng	100
9) Benzaldehyde	6.55	77	275465	32.036	ng	97
10) Phenol	6.65	94	500360	43.616	ng	86
11) bis(2-Chloroethyl)ether	6.74	93	371043	40.007	ng	94
12) 1,3-Dichlorobenzene	6.94	146	420375	38.678	ng	97
13) 1,4-Dichlorobenzene	7.02	146	422508	38.692	ng	99
14) 1,2-Dichlorobenzene	7.18	146	396205	39.007	ng	98
15) Benzyl Alcohol	7.14	79	369033	39.526	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	690833	36.158	ng	99
17) 2-Methylphenol	7.25	107	329768	40.910	ng	# 93
18) Hexachloroethane	7.51	117	161583	41.564	ng	97
19) n-Nitroso-di-n-propylamine	7.41	70	290583	38.746	ng	93
20) 3+4-Methylphenols	7.40	107	407321	39.432	ng	# 87
22) Acetophenone	7.41	105	562787	44.353	ng	# 94
24) Nitrobenzene	7.59	77	427199	43.441	ng	94
25) Isophorone	7.82	82	778767	42.014	ng	98
26) 2-Nitrophenol	7.90	139	186924	50.333	ng	90
27) 2,4-Dimethylphenol	7.93	122	345528	42.000	ng	95
28) bis(2-Chloroethoxy)methane	8.02	93	466263	43.089	ng	98
29) 2,4-Dichlorophenol	8.14	162	334563	44.191	ng	98
30) 1,2,4-Trichlorobenzene	8.22	180	349442	41.864	ng	97
31) Naphthalene	8.31	128	1106253	44.825	ng	99
32) Benzoic acid	7.99	122	17684	9.218	ng	# 84
33) 4-Chloroaniline	8.36	127	259866	24.162	ng	97
34) Hexachlorobutadiene	8.42	225	225173	42.612	ng	99
35) Caprolactam	8.72	113	96813m	40.806	ng	
36) 4-Chloro-3-methylphenol	8.84	107	344467	42.176	ng	98
37) 2-Methylnaphthalene	9.00	142	738760	42.310	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	355576	46.537	ng	97
40) Hexachlorocyclopentadiene	9.15	237	91380	18.516	ng	97

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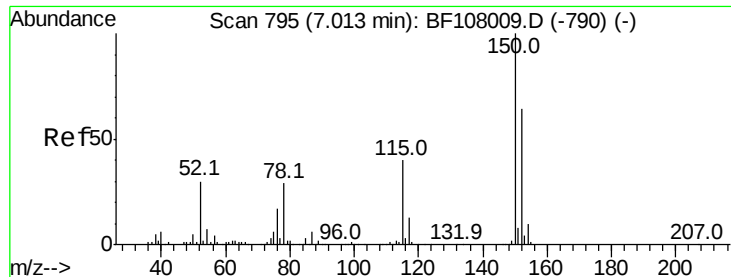
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	235583	49.686	nq	99
43) 2,4,5-Trichlorophenol	9.32	196	244290	46.803	nq	98
45) 1,1'-Biphenyl	9.47	154	851302	46.406	nq	98
46) 2-Chloronaphthalene	9.50	162	646350	44.579	nq	98
47) 2-Nitroaniline	9.59	65	231753	49.400	nq	84
48) Acenaphthylene	9.91	152	983551	42.909	nq	99
49) Dimethylphthalate	9.77	163	1033813	59.649	nq #	99
50) 2,6-Dinitrotoluene	9.83	165	165892	45.749	nq	91
51) Acenaphthene	10.09	154	661948	47.149	nq	99
52) 3-Nitroaniline	10.00	138	141121	35.570	nq	89
53) 2,4-Dinitrophenol	10.11	184	10671	14.194	nq #	23
54) Dibenzofuran	10.26	168	899784	44.237	nq	97
55) 4-Nitrophenol	10.16	139	239011	79.555	nq #	80
56) 2,4-Dinitrotoluene	10.24	165	216648	46.416	nq #	94
57) Fluorene	10.60	166	723900	44.958	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	185646	42.554	nq	88
59) Diethylphthalate	10.47	149	733499	43.705	nq	95
60) 4-Chlorophenyl-phenylether	10.59	204	340484	40.581	nq	93
61) 4-Nitroaniline	10.62	138	152062	38.766	nq	86
62) Azobenzene	10.75	77	670521	38.686	nq	93
64) 4,6-Dinitro-2-methylphenol	10.65	198	15697	14.826	nq	85
65) n-Nitrosodiphenylamine	10.71	169	619761	53.458	nq	95
66) 4-Bromophenyl-phenylether	11.08	248	204913	48.062	nq #	85
67) Hexachlorobenzene	11.15	284	201218	44.856	nq #	89
68) Atrazine	11.23	200	183862	47.283	nq	98
69) Pentachlorophenol	11.35	266	177696	82.759	nq	97
70) Phenanthrene	11.58	178	1438745	77.751	nq	99
71) Anthracene	11.62	178	997883	52.615	nq	98
72) Carbazole	11.78	167	783117	46.474	nq	99
73) Di-n-butylphthalate	12.09	149	910435	47.701	nq	99
74) Fluoranthene	12.78	202	1543167	76.412	nq	95
76) Benzidine	12.88	184	29670	3.412	nq #	54
77) Pyrene	13.01	202	1442202	97.884	nq	98
79) Butylbenzylphthalate	13.60	149	293988	50.249	nq	93
80) Benzo(a)anthracene	14.20	228	996885	74.640	nq	98
81) 3,3'-Dichlorobenzidine	14.15	252	117294	24.506	nq	98
82) Chrysene	14.24	228	886325	72.385	nq	99
83) Bis(2-ethylhexyl)phthalate	14.16	149	392182	49.501	nq #	98
84) Di-n-octyl phthalate	14.78	149	656993	54.374	nq	97
85) Indeno(1,2,3-cd)pyrene	17.42	276	693492	65.365	nq #	88
87) Benzo(b)fluoranthene	15.31	252	1130221	79.466	nq	96
88) Benzo(k)fluoranthene	15.34	252	685402	52.424	nq	98
89) Benzo(a)pyrene	15.72	252	888779	69.785	nq	97
90) Dibenzo(a,h)anthracene	17.42	278	453656	43.050	nq #	94
91) Benzo(g,h,i)perylene	17.91	276	573294	55.250	nq #	89

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



#1

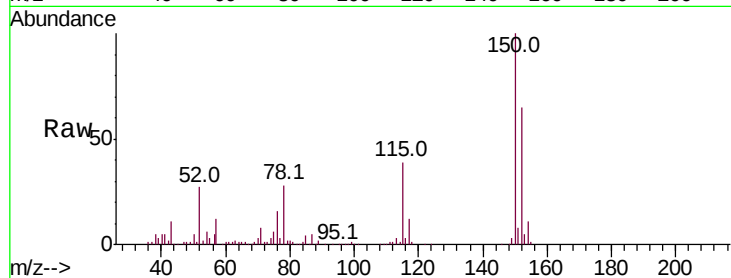
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	59.8	50.1	75.1

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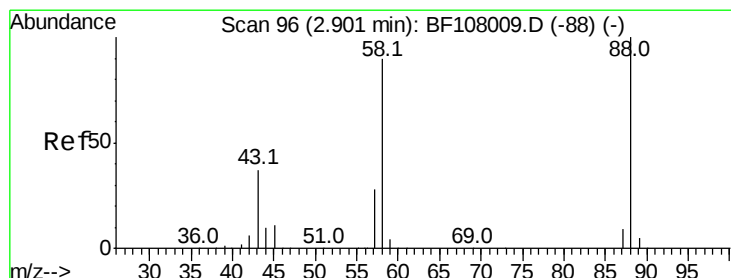
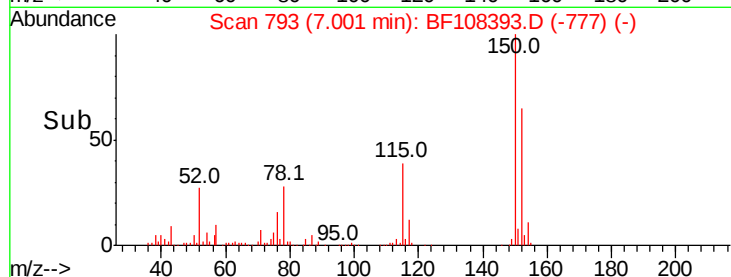
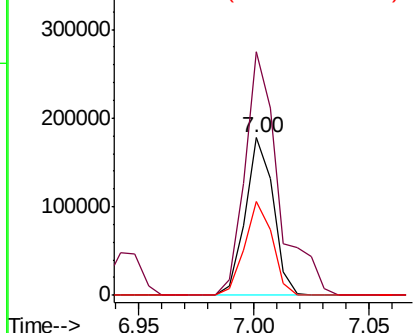


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

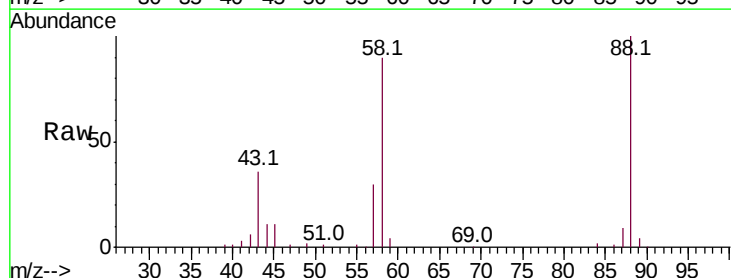
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.419 ng
RT: 2.94 min Scan# 102
Delta R.T. 0.06 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.6	62.6	93.8
43	35.1	24.6	37.0

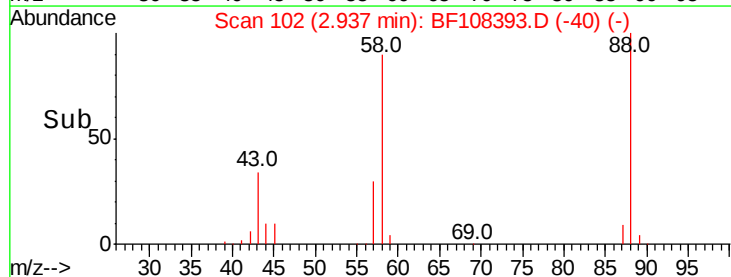
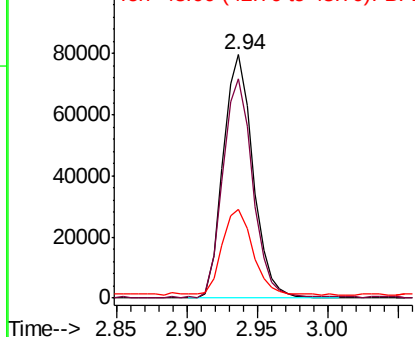


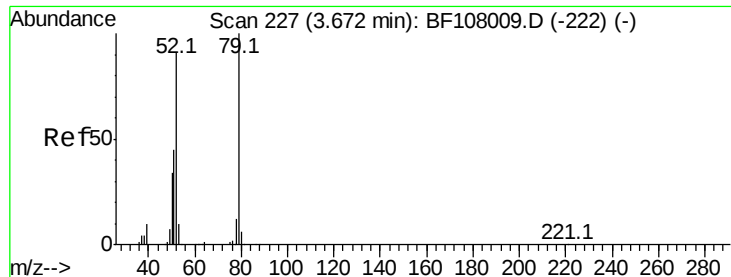
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.416 ng

RT: 3.71 min Scan# 233

Delta R.T. 0.05 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

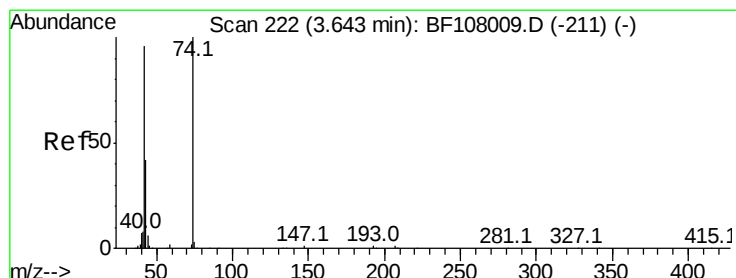
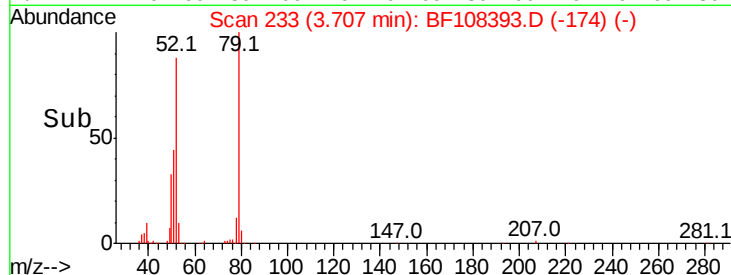
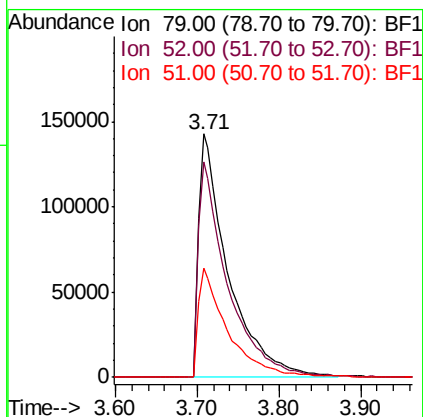
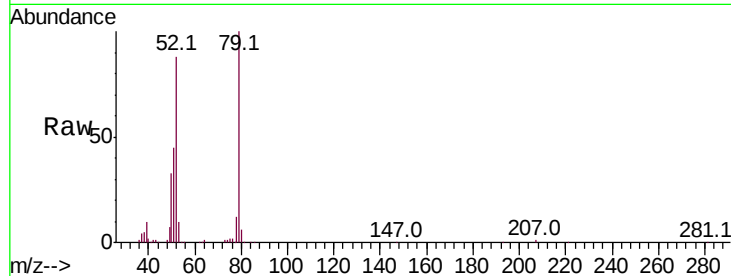
ClientSampleId :

RA-081718-WSW-20-053MS

Tot Ion:	79	Resp:	358094
Ion Ratio	Lower	Upper	
79	100		
52	88.4	59.8	89.6
51	44.7	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 34.712 ng

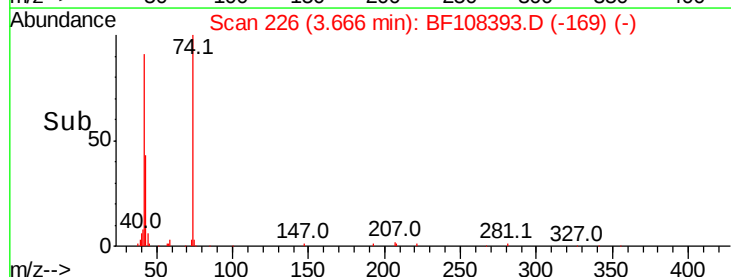
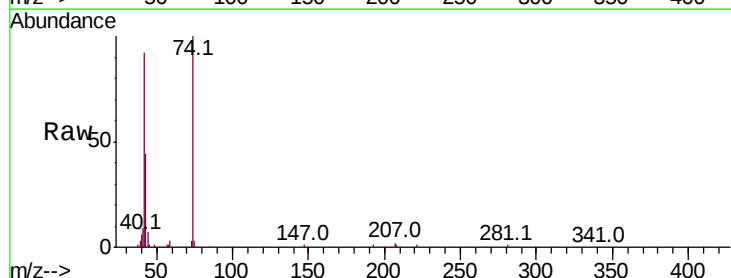
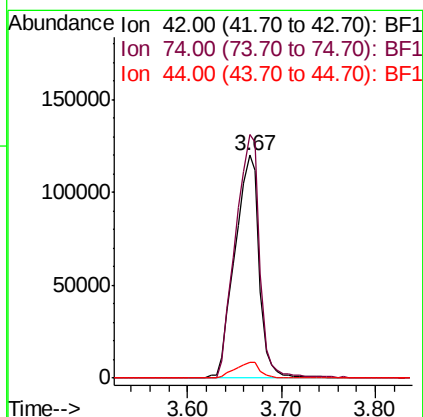
RT: 3.67 min Scan# 226

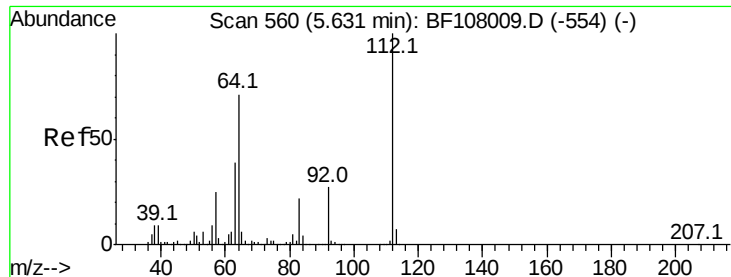
Delta R.T. 0.04 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion:	42	Resp:	215769
Ion Ratio	Lower	Upper	
42	100		
74	109.3	104.9	157.3
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 129.689 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

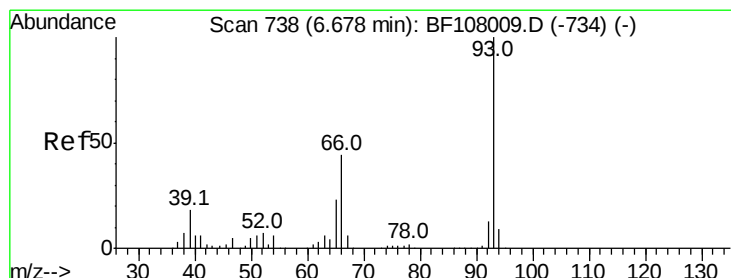
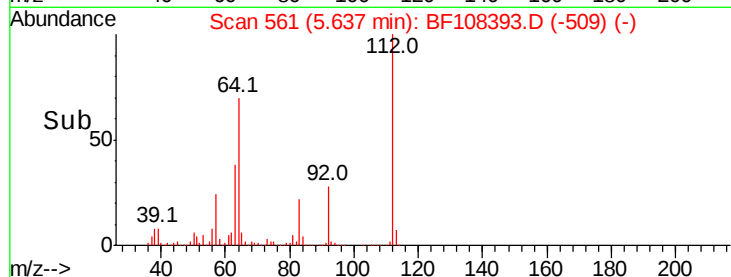
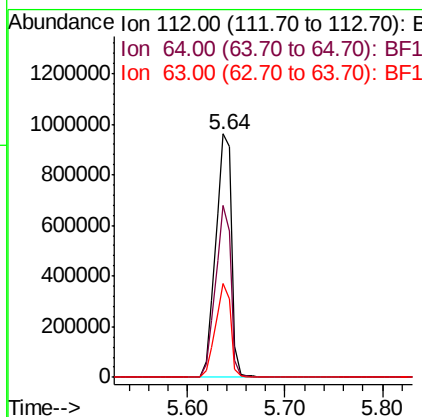
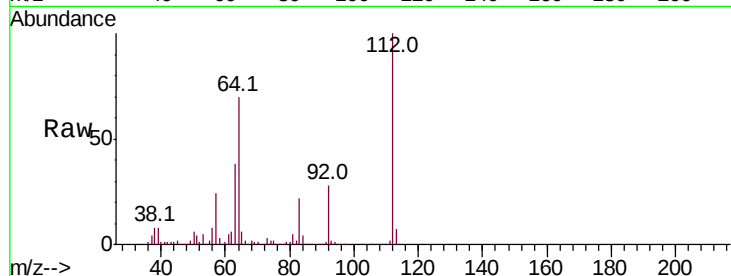
ClientSampleId :

RA-081718-WSW-20-053MS

Tot Ion:	112	Resp:	1082363
Ion Ratio	Lower	Upper	
112	100		
64	70.4	47.9	71.9
63	38.4	23.7	35.5#

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#6

Aniline

Concen: 12.867 ng

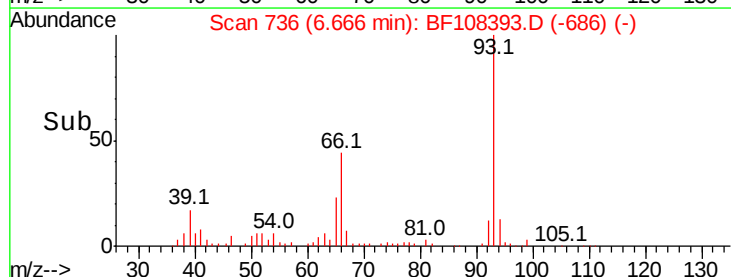
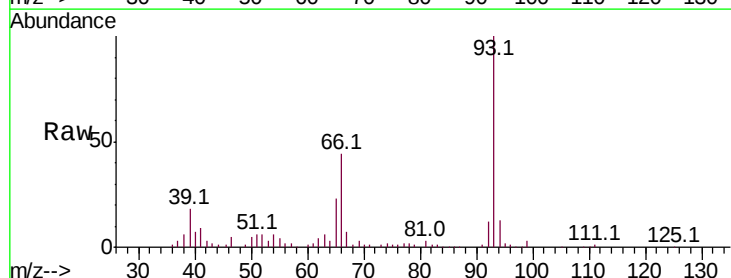
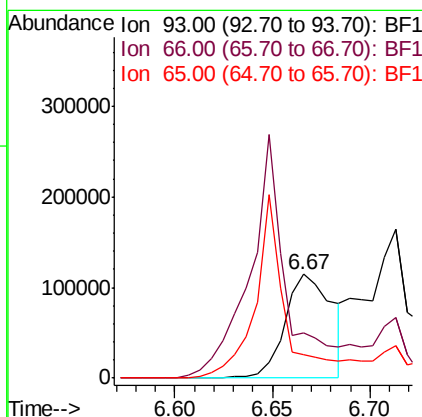
RT: 6.67 min Scan# 736

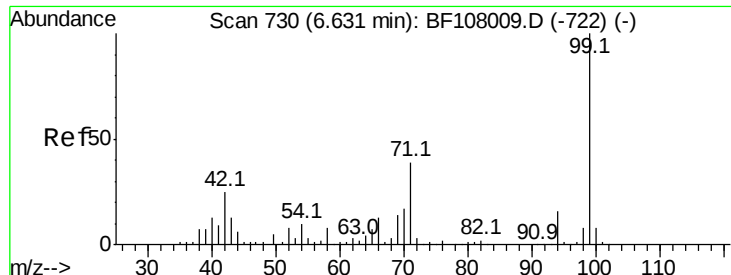
Delta R.T. -0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion:	93	Resp:	194104
Ion Ratio	Lower	Upper	
93	100		
66	44.1	32.2	48.2
65	23.0	16.4	24.6





#7

Phenol-d6

Concen: 133.543 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

ClientSampleId :

RA-081718-WSW-20-053MS

Tot Ion: 99 Resp: 1481050

Ion Ratio Lower Upper

99 100

42 22.8 14.5 21.7#

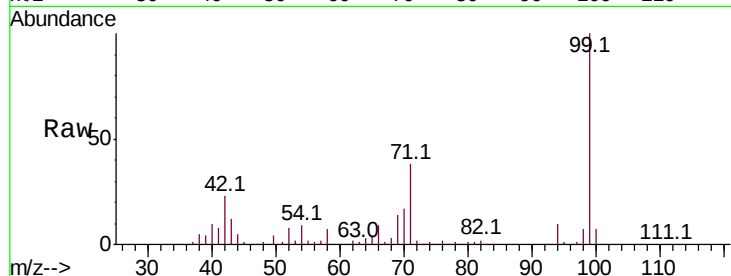
71 37.7 25.4 38.0

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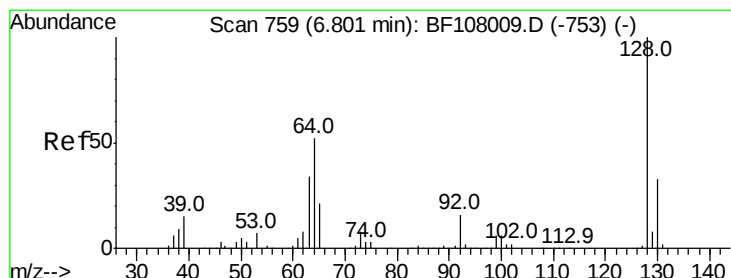
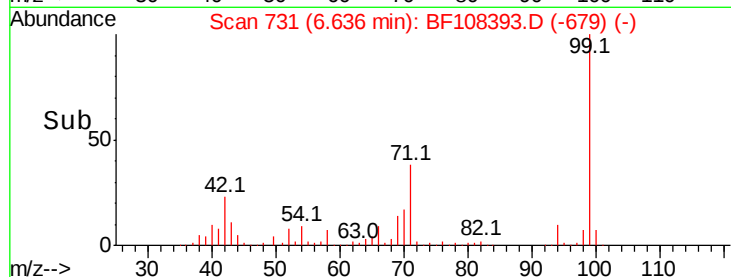
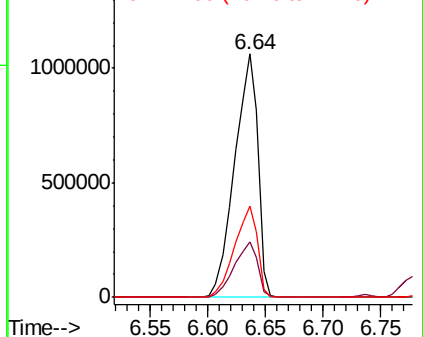
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.838 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

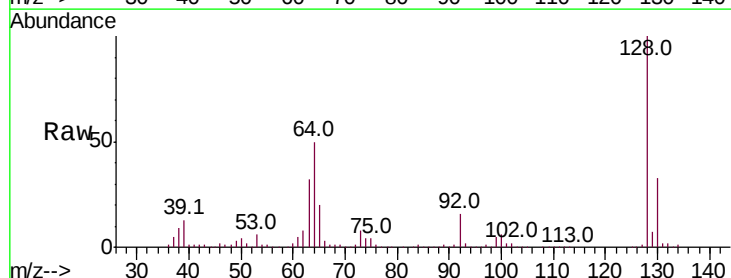
Tgt Ion:128 Resp: 383860

Ion Ratio Lower Upper

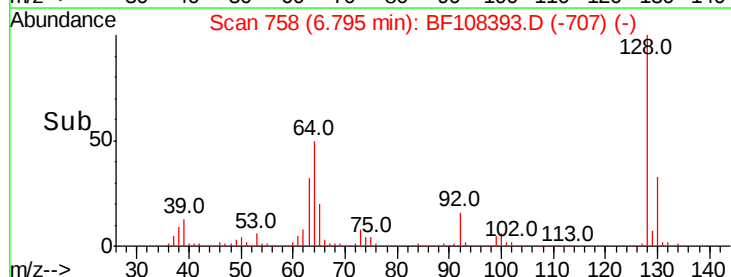
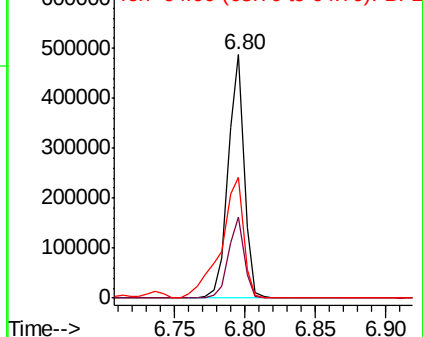
128 100

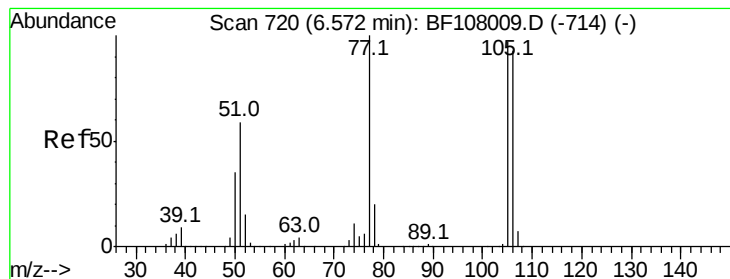
130 33.1 13.0 53.0

64 49.6 29.4 69.4



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





#9

Benzaldehyde

Concen: 32.036 ng

RT: 6.55 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

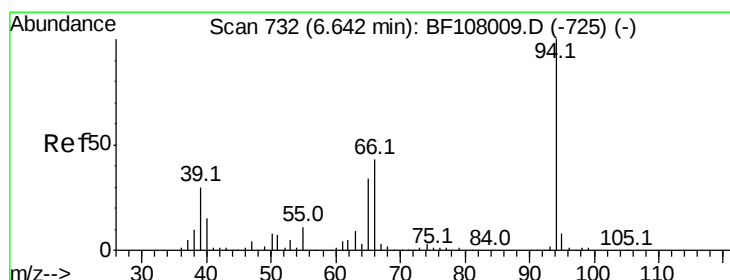
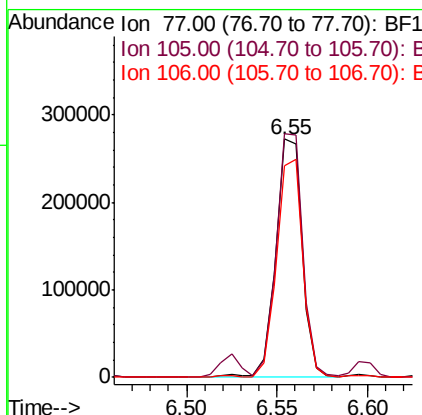
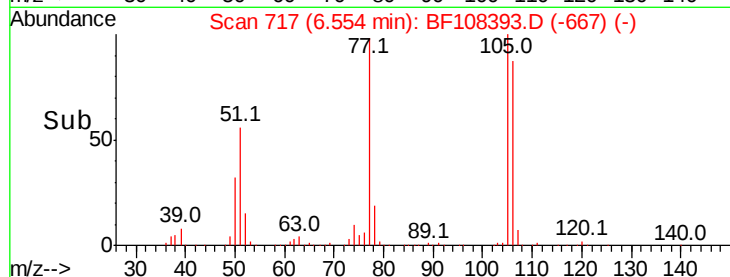
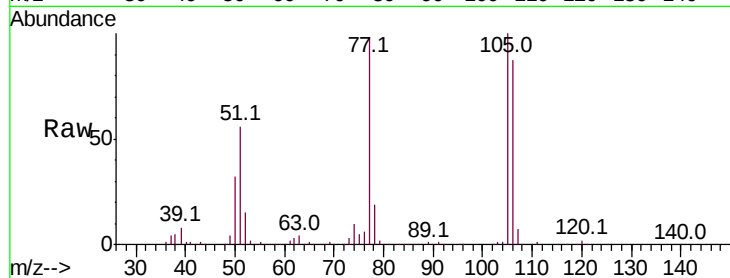
ClientSampleId :

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Tot Ion:	77	Resp:	275465
Ion Ratio	Lower	Upper	
77	100		
105	102.1	81.1	121.1
106	88.8	74.5	114.5

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#10

Phenol

Concen: 43.616 ng

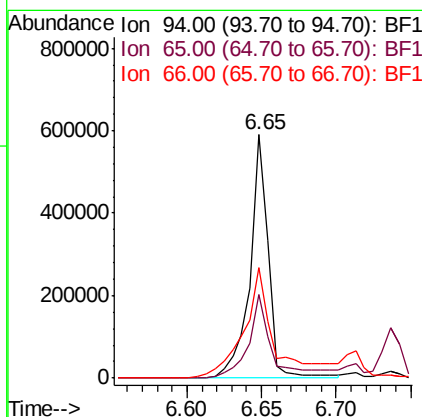
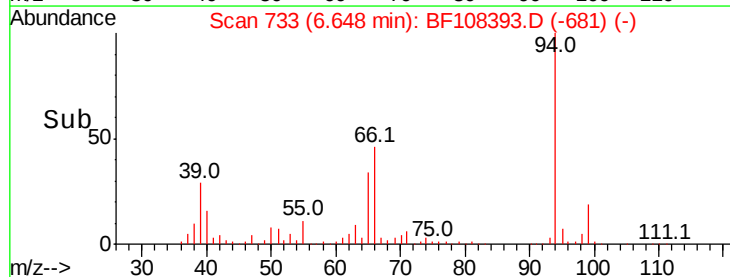
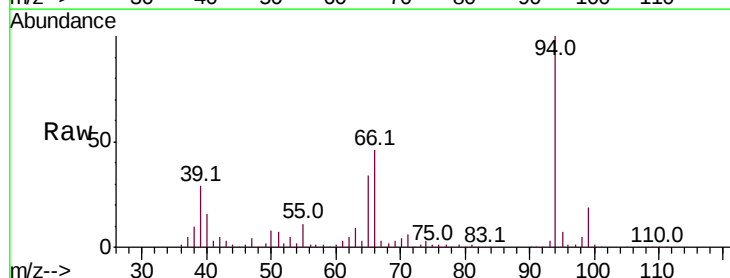
RT: 6.65 min Scan# 733

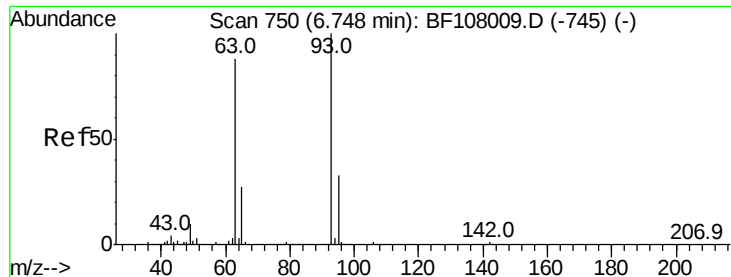
Delta R.T. 0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion:	94	Resp:	500360
Ion Ratio	Lower	Upper	
94	100		
65	34.4	7.9	47.9
66	45.5	16.2	56.2





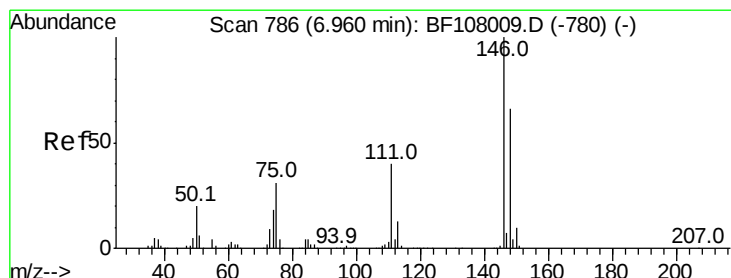
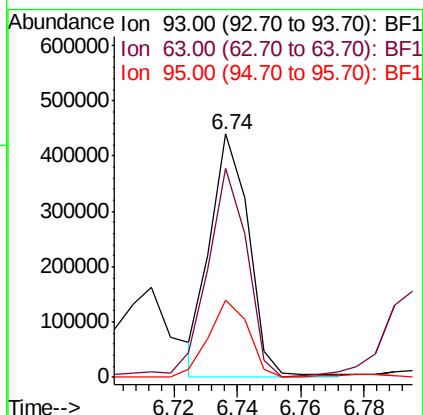
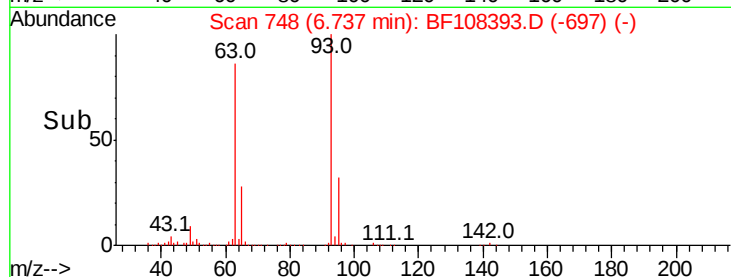
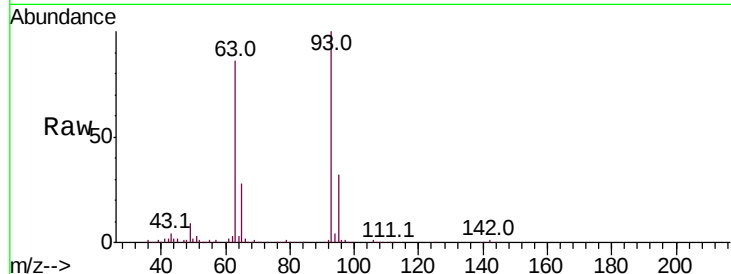
#11
bis(2-Chloroethyl)ether
Concen: 40.007 ng
RT: 6.74 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.1	58.6	98.6
95	32.0	11.8	51.8

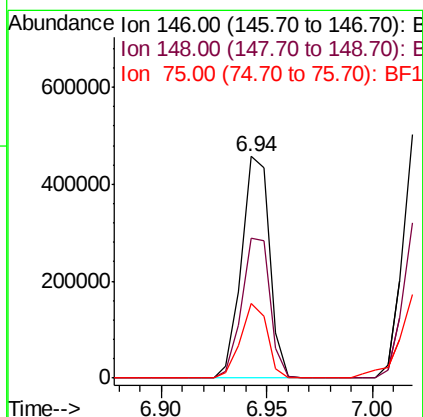
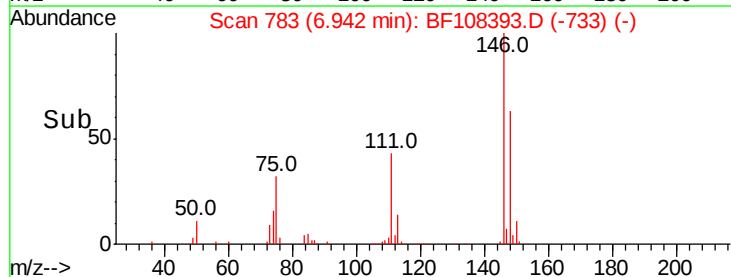
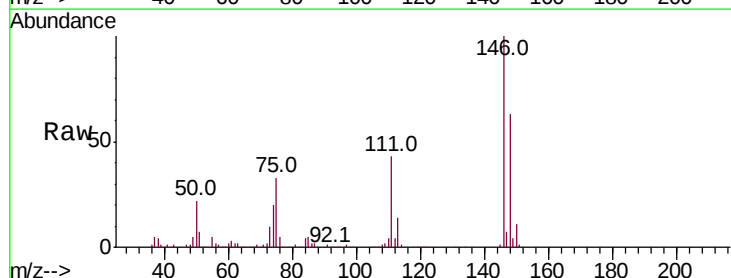
Manual Integrations
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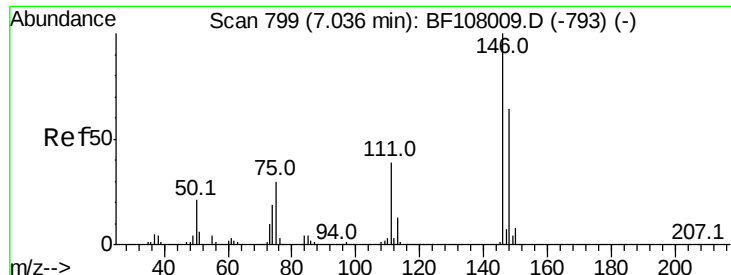
Sohil
8/23/2018 3:43:21 PM



#12
1,3-Dichlorobenzene
Concen: 38.678 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	33.4	24.2	36.4





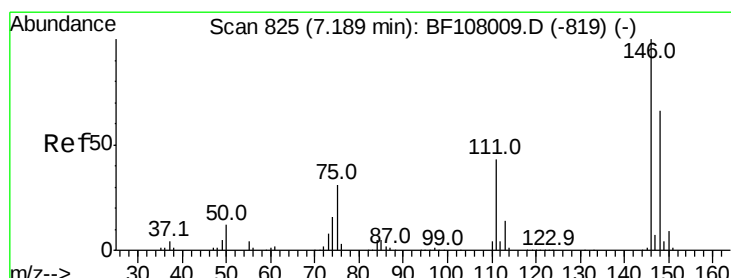
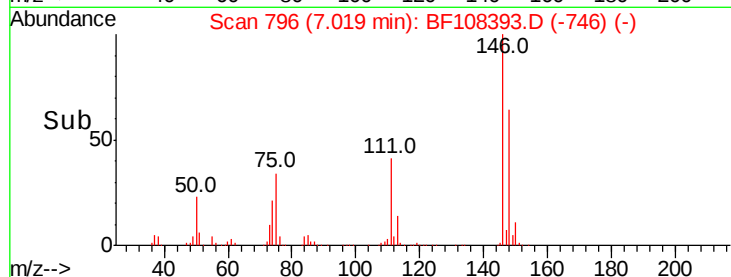
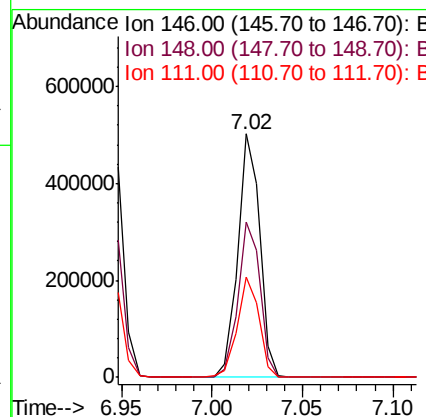
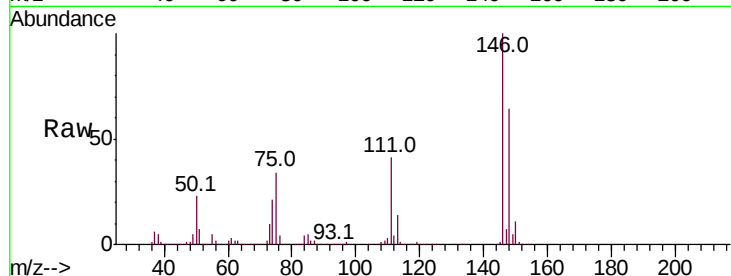
#13
1,4-Dichlorobenzene
Concen: 38.692 ng
RT: 7.02 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.8	76.2
111	40.9	34.2	51.2

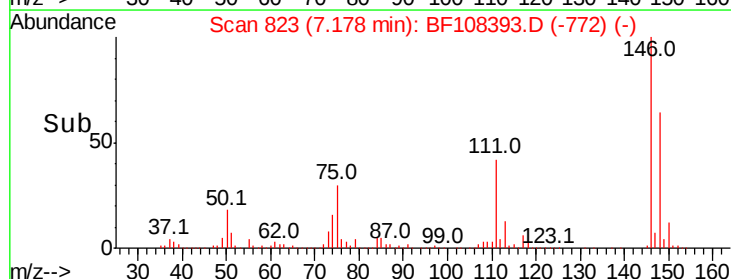
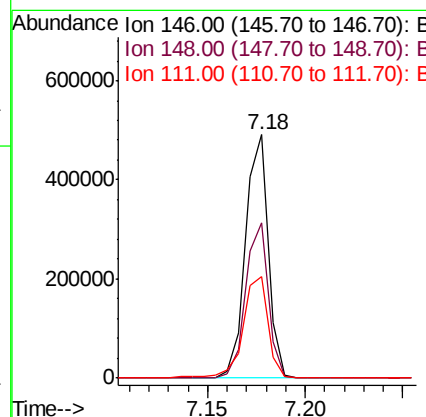
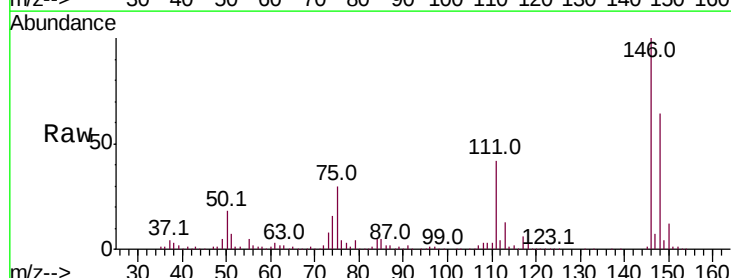
Manual Integrations
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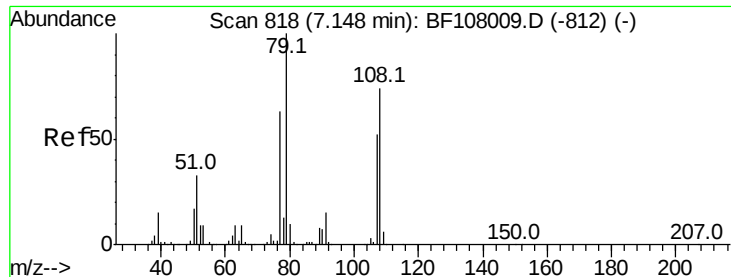
Sohil
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#14
1,2-Dichlorobenzene
Concen: 39.007 ng
RT: 7.18 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.6	75.8
111	41.6	36.0	54.0





#15

Benzyl Alcohol

Concen: 39.526 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

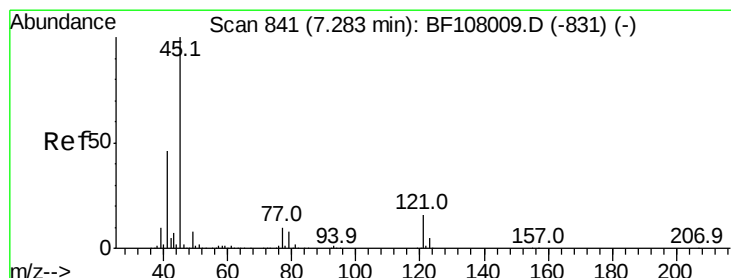
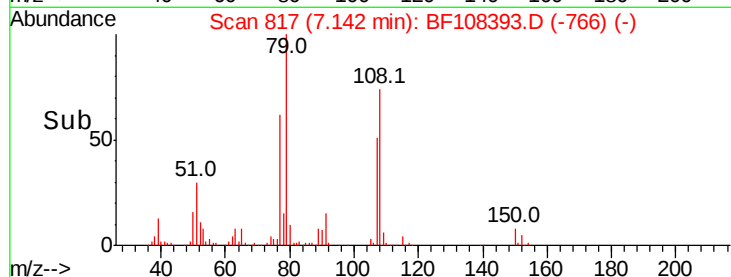
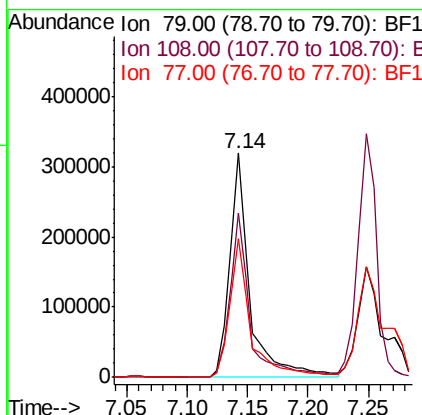
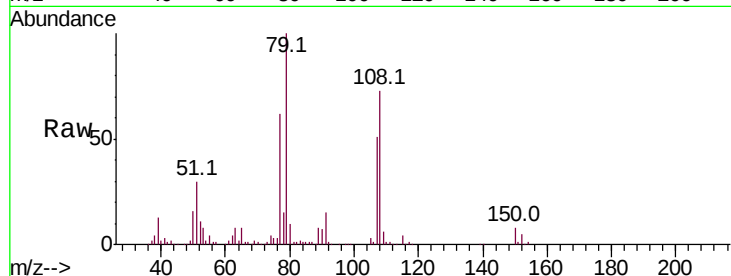
ClientSampleId :

RA-081718-WSW-20-053MS

Tot Ion:	79	Resp:	369033
Ion Ratio	Lower	Upper	
79	100		
108	73.4	65.1	97.7
77	61.8	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.158 ng

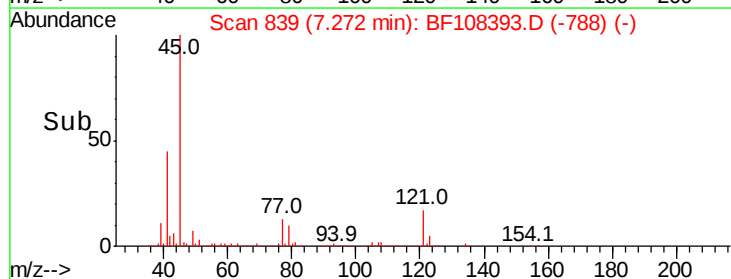
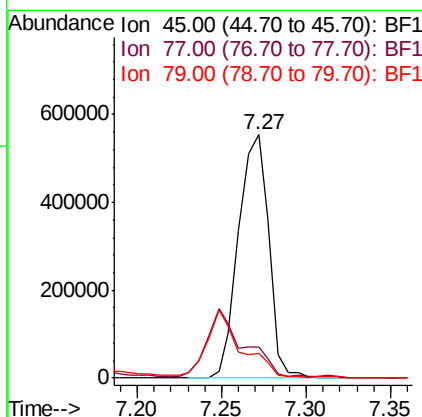
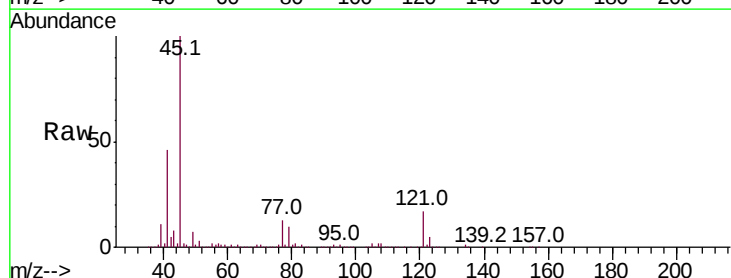
RT: 7.27 min Scan# 839

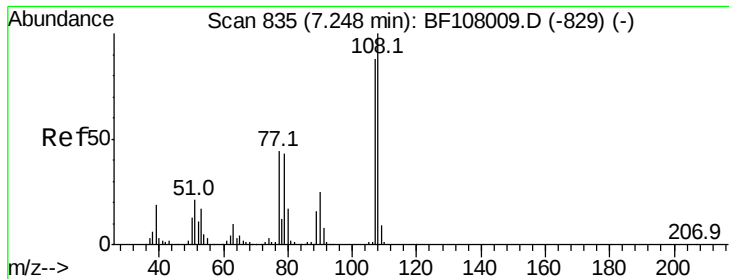
Delta R.T. -0.00 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion:	45	Resp:	690833
Ion Ratio	Lower	Upper	
45	100		
77	12.8	0.0	32.9
79	10.2	0.0	29.6





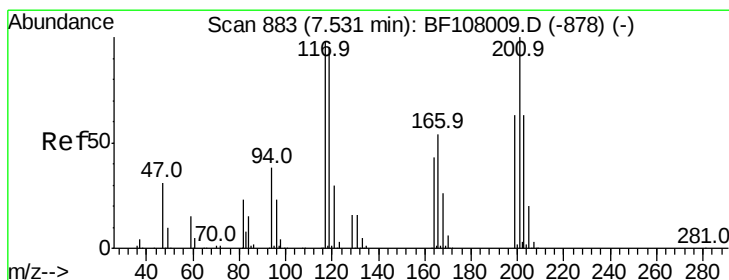
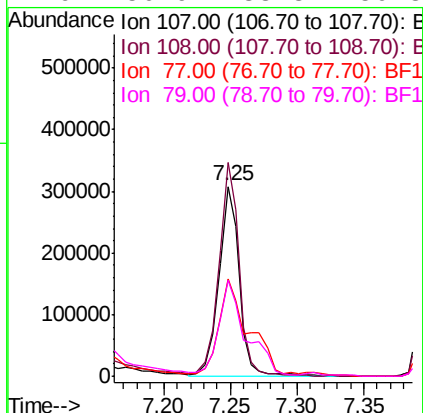
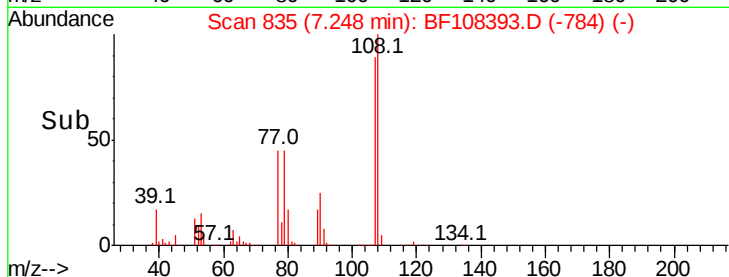
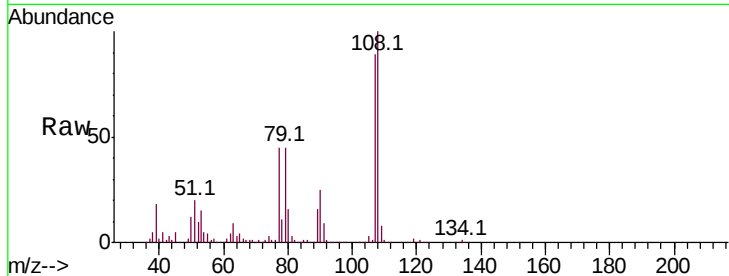
#17
2-Methylphenol
Concen: 40.910 ng
RT: 7.25 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	91.7	137.5	
77	50.9	33.8	50.8#	
79	50.9	33.8	50.8#	

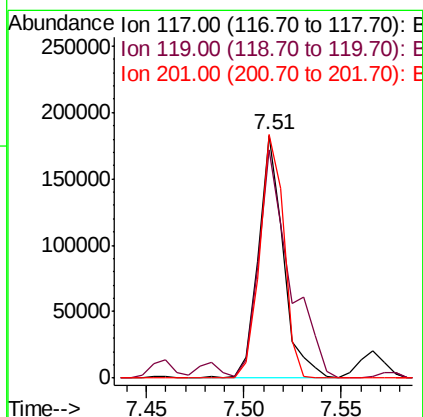
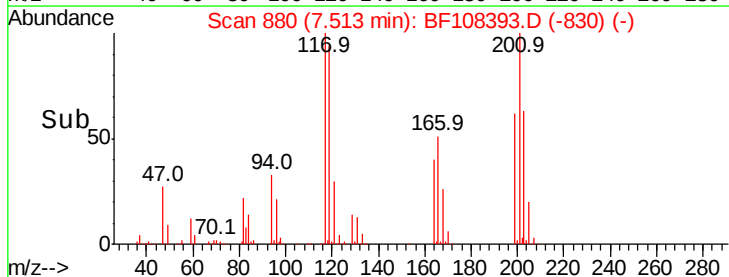
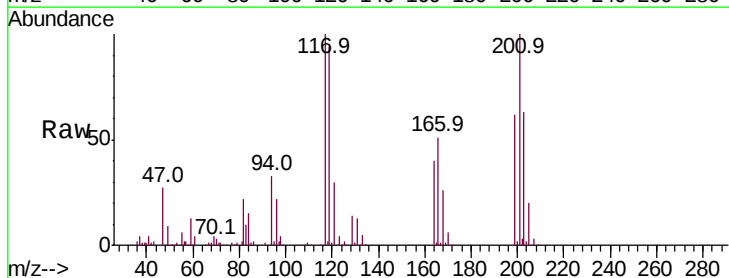
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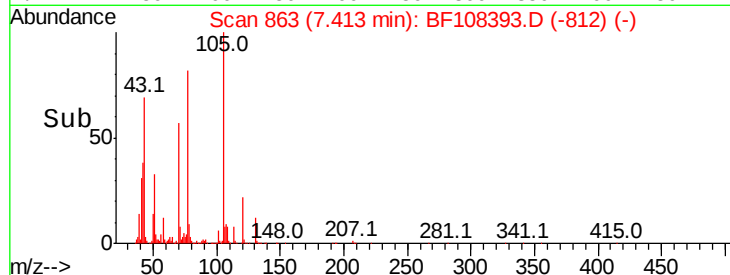
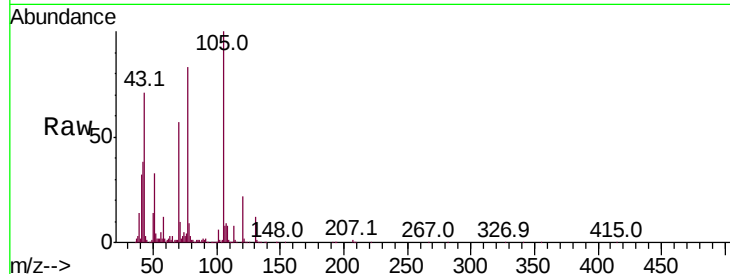
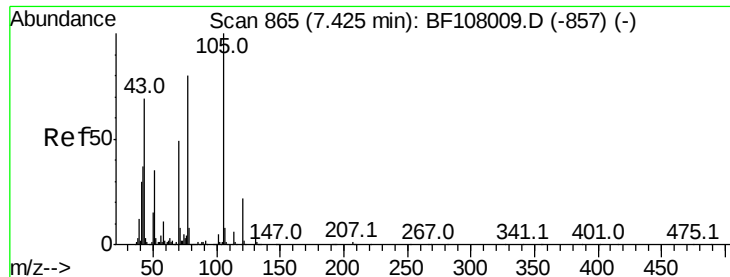
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#18
Hexachloroethane
Concen: 41.564 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	75.8	113.8	
201	100.4	75.7	113.5	





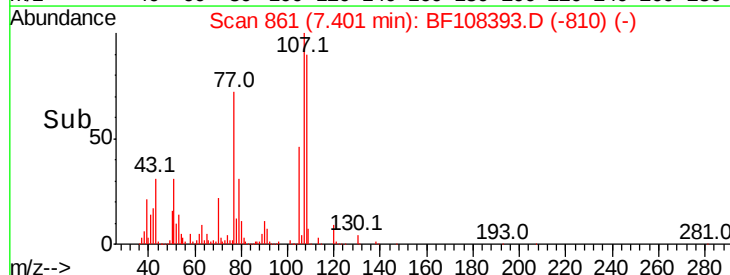
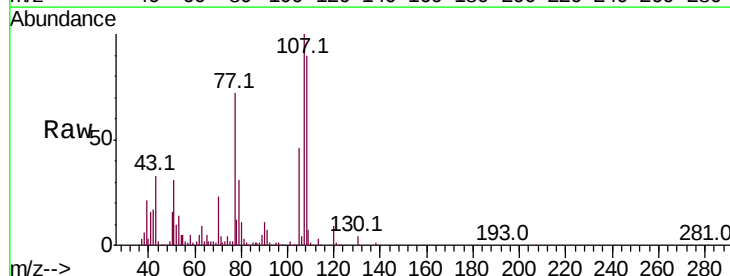
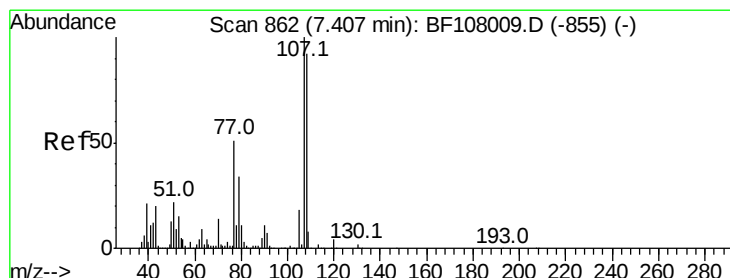
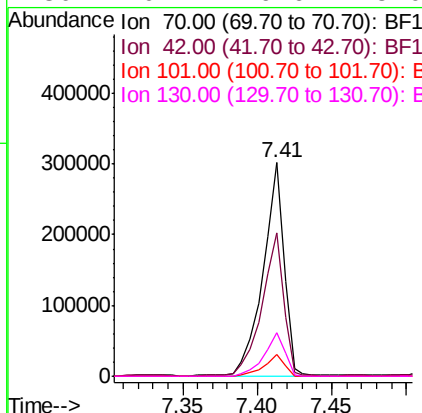
#19
n-Nitroso-di-n-propylamine
Concen: 38.746 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.1	47.5	71.3
101	10.0	7.4	11.2
130	20.2	16.6	25.0

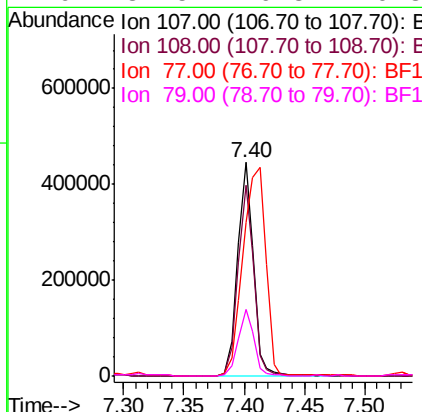
Manual Integrations
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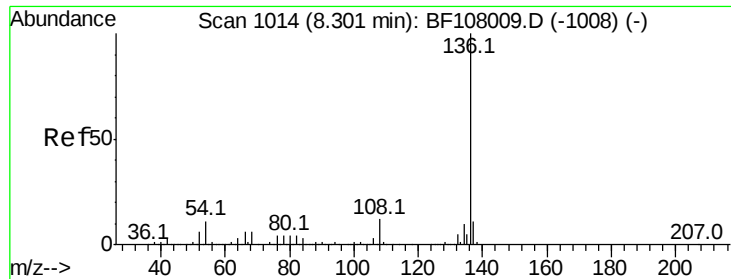
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#20
3+4-Methylphenols
Concen: 39.432 ng
RT: 7.40 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	68.2	108.2
77	71.9	26.7	66.7#
79	31.5	6.3	46.3





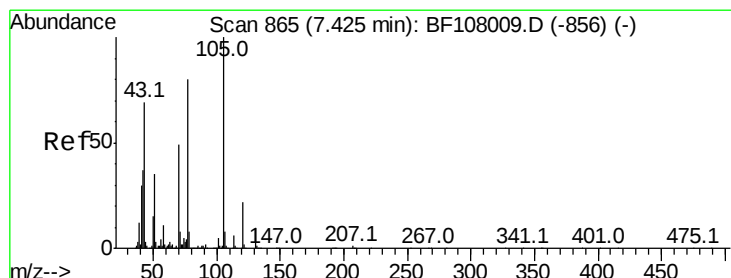
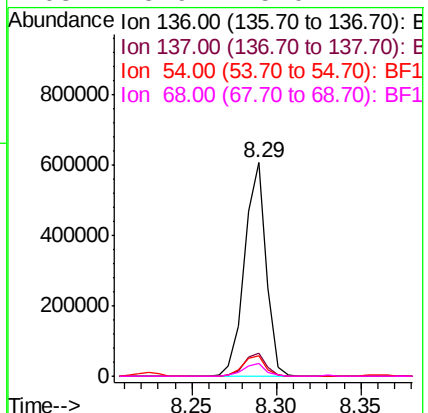
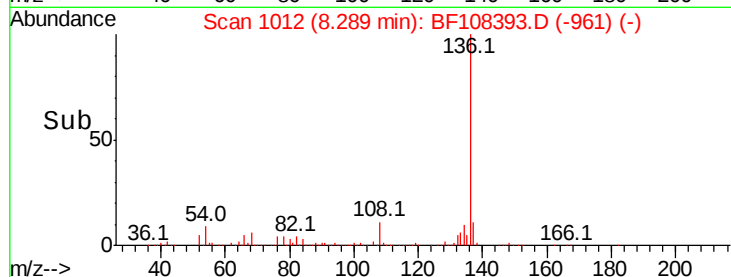
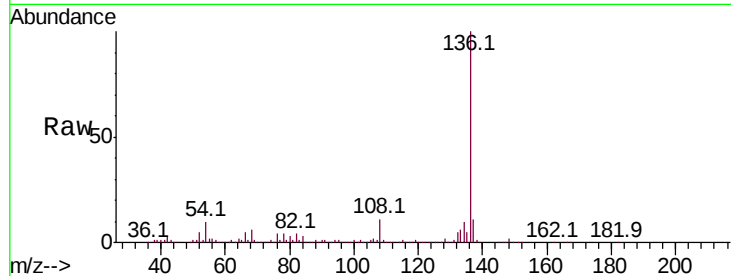
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	9.5	6.6	9.8	
68	5.9	5.0	7.4	

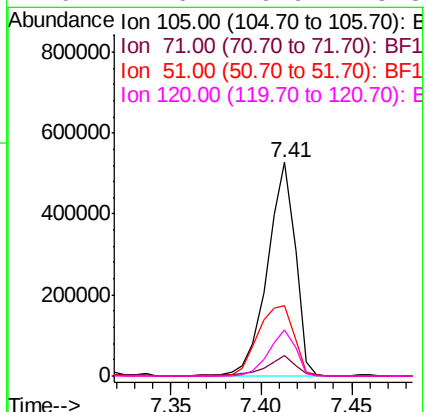
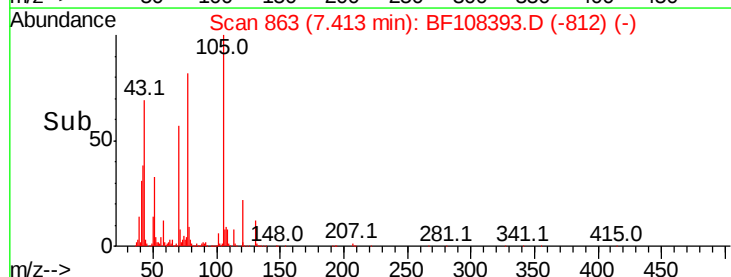
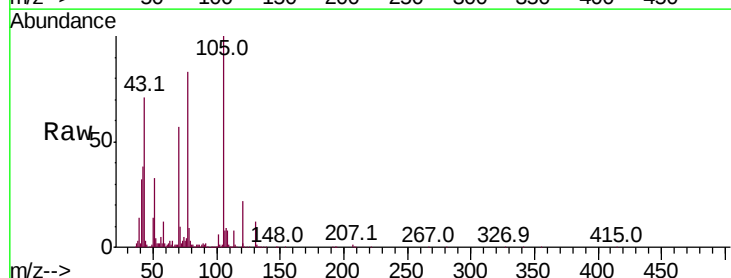
Manual Integrations
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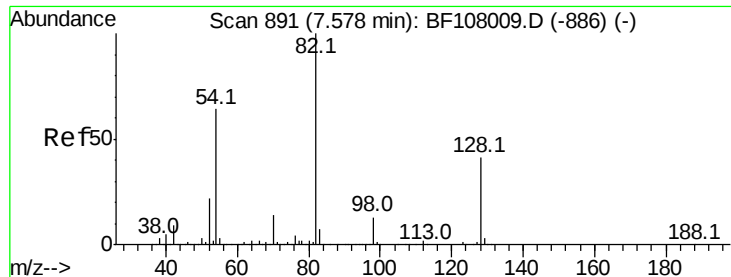
Sohil
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#22
Acetophenone
Concen: 44.353 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.7	4.4	6.6#	
51	32.7	22.3	33.5	
120	21.6	16.9	25.3	





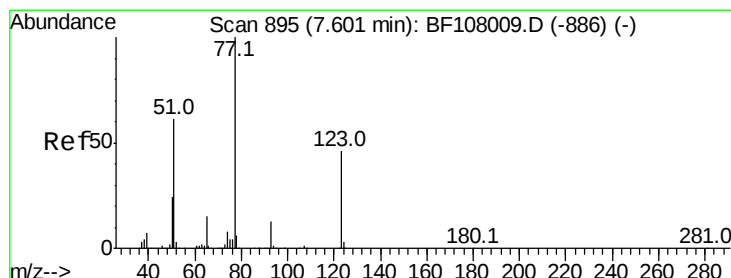
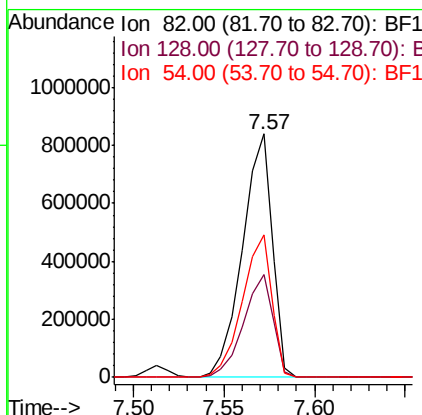
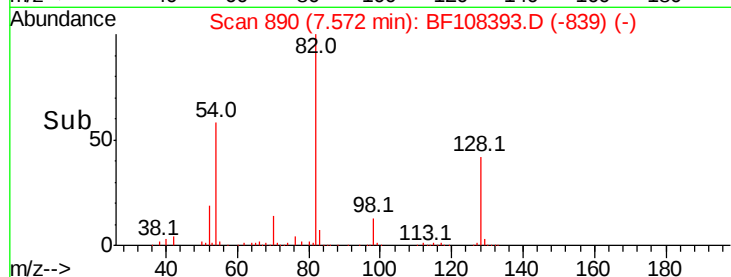
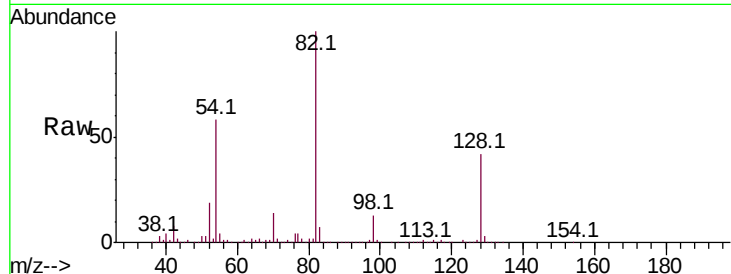
#23
 Nitrobenzene-d5
 Concen: 98.330 ng
 RT: 7.57 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	58.4	41.4	62.2

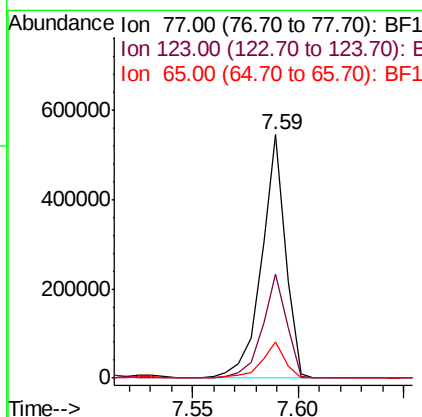
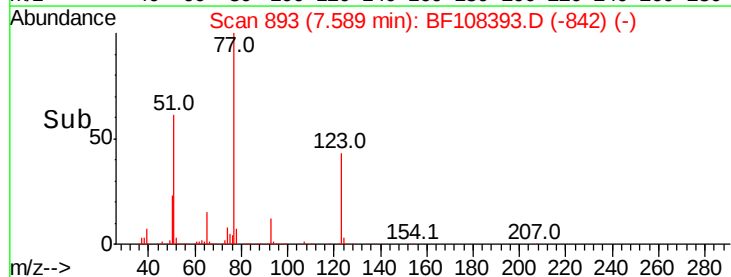
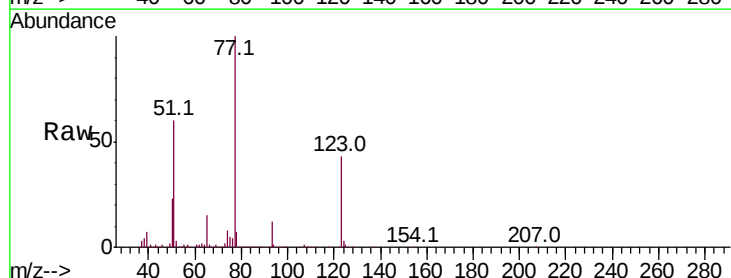
Manual Integrations
 APPROVED

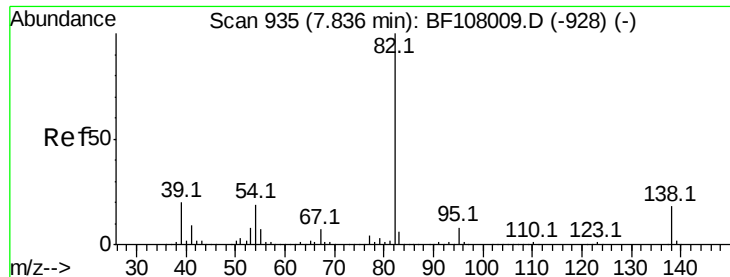
Sohil
 8/23/2018 3:43:21 PM



#24
 Nitrobenzene
 Concen: 43.441 ng
 RT: 7.59 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	37.9	56.9
65	14.9	11.0	16.4





#25

Isophorone

Concen: 42.014 ng

RT: 7.82 min Scan# 933

Delta R.T. -0.00 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

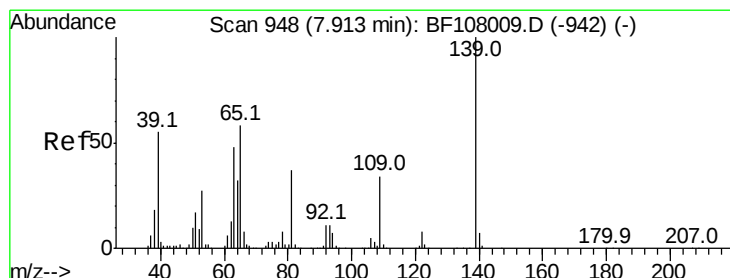
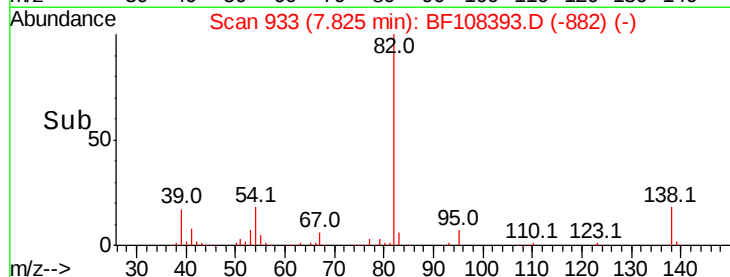
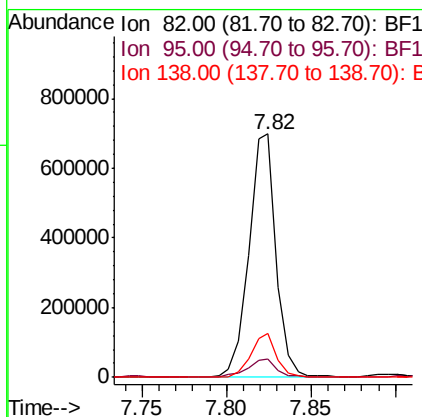
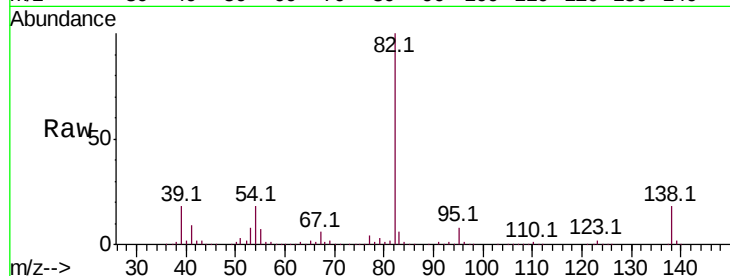
ClientSampleId :

RA-081718-WSW-20-053MS

Tot Ion:	82	Resp:	778767
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.2	7.8
138	18.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.333 ng

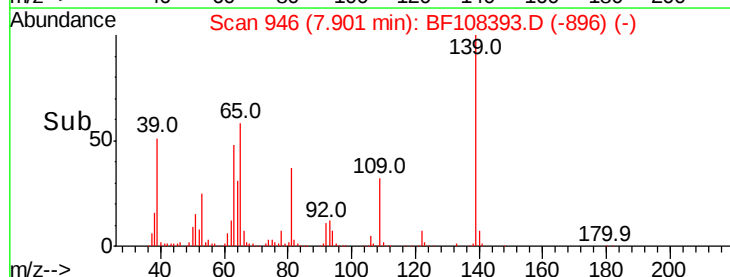
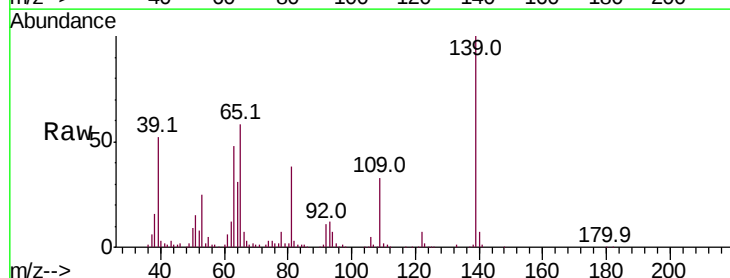
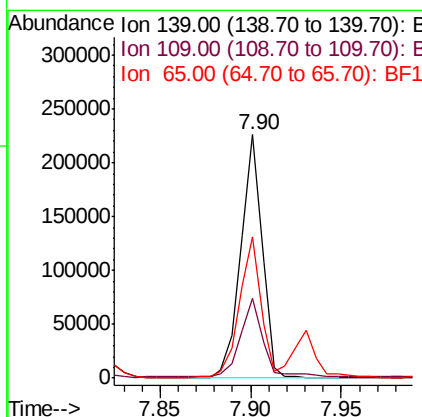
RT: 7.90 min Scan# 946

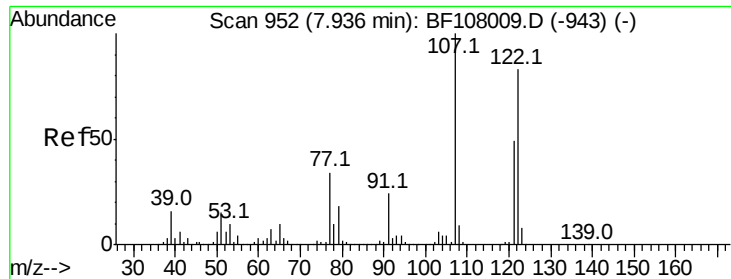
Delta R.T. -0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion:	139	Resp:	186924
Ion Ratio	Lower	Upper	
139	100		
109	32.7	22.7	34.1
65	57.9	40.5	60.7





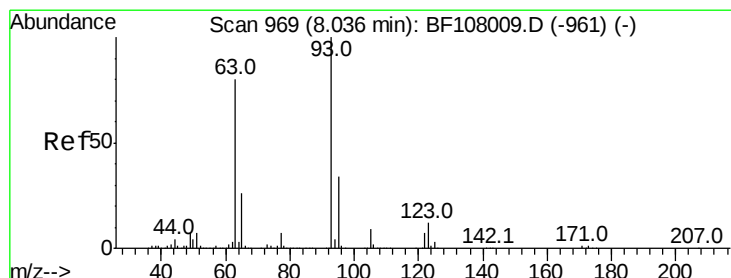
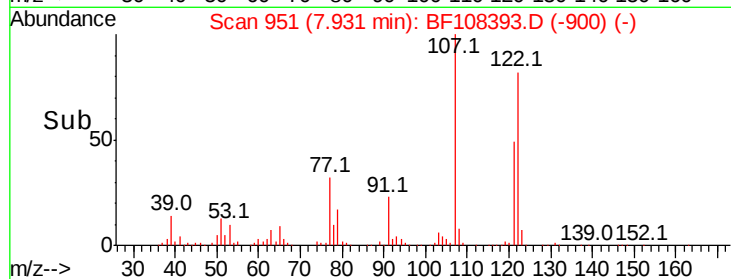
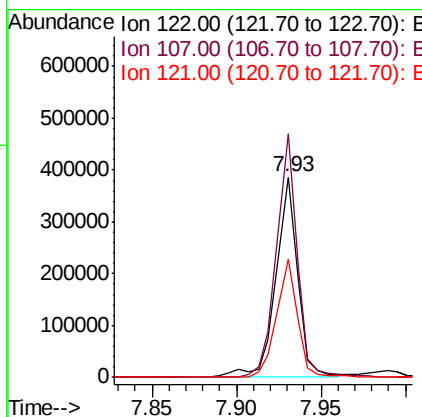
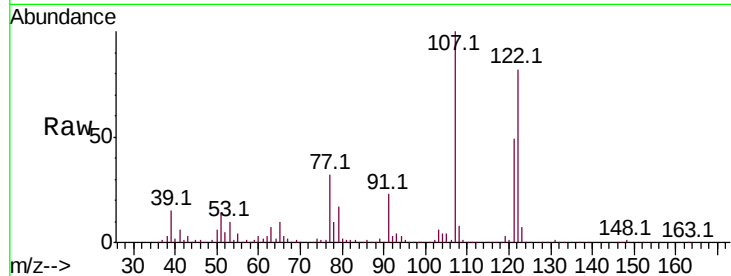
#27
 2,4-Dimethylphenol
 Concen: 42.000 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	121.6	91.2	136.8
121	59.2	47.2	70.8

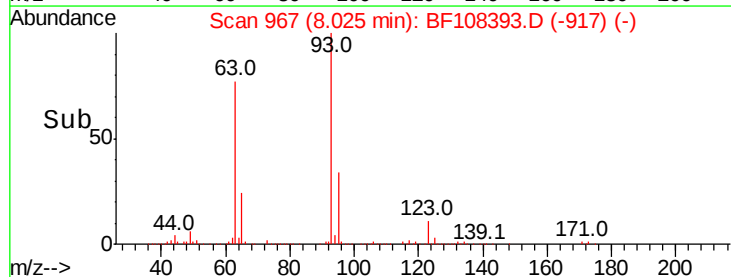
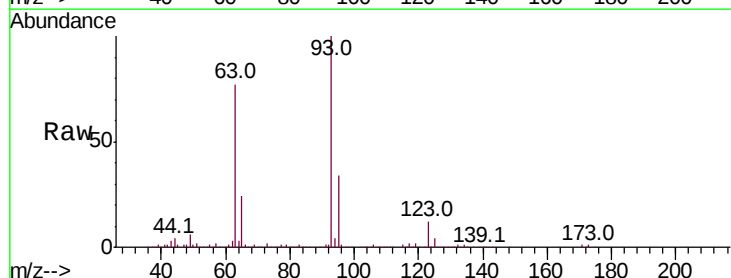
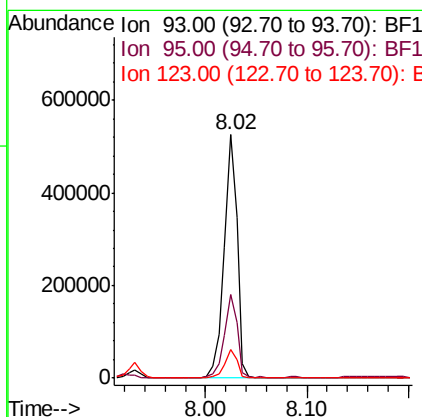
Manual Integrations
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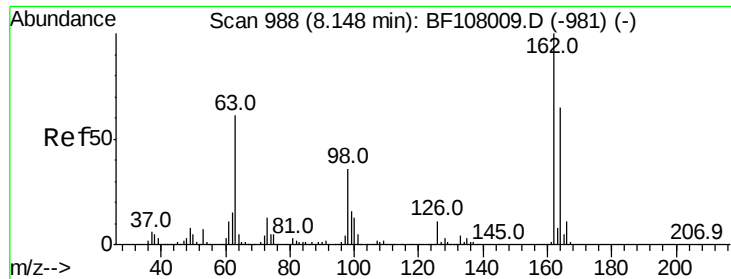
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.089 ng
 RT: 8.02 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.2	26.3	39.5
123	11.5	9.8	14.6





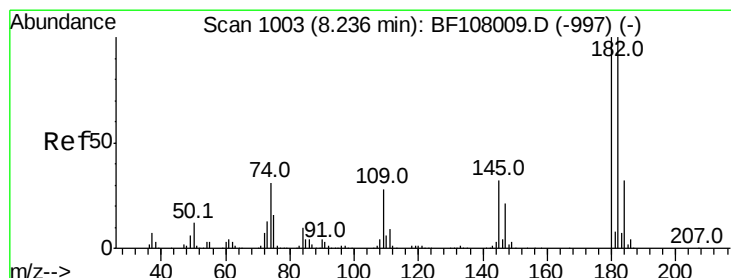
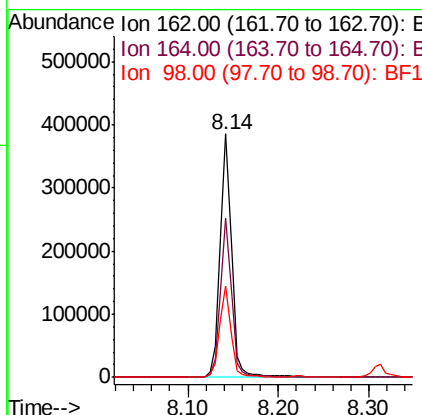
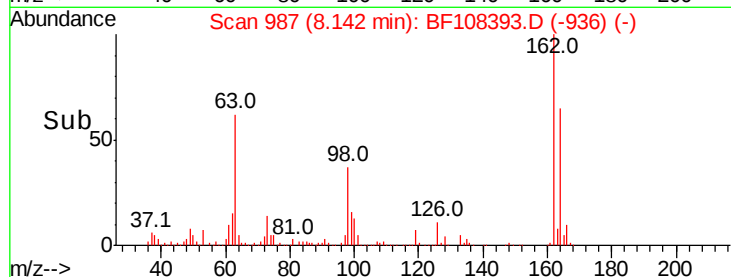
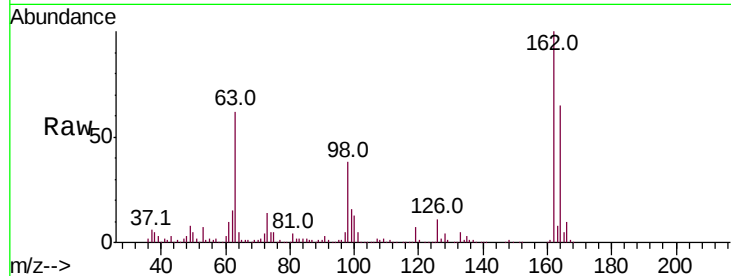
#29
2,4-Dichlorophenol
Concen: 44.191 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	42.7	82.7
98	37.6	18.1	58.1

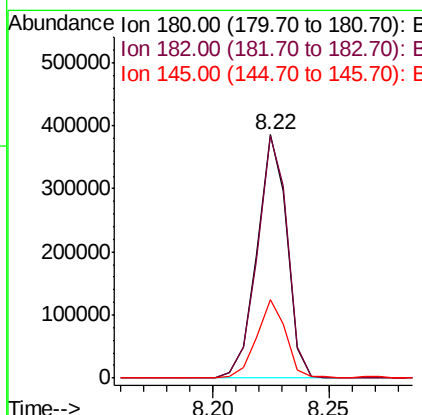
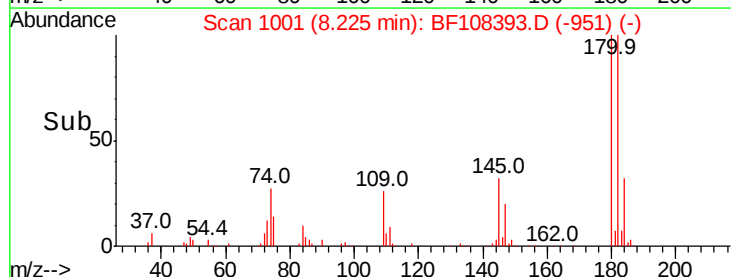
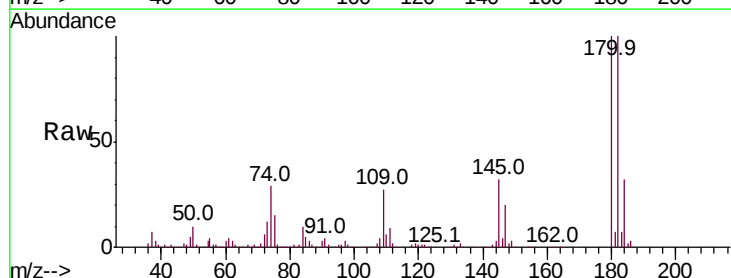
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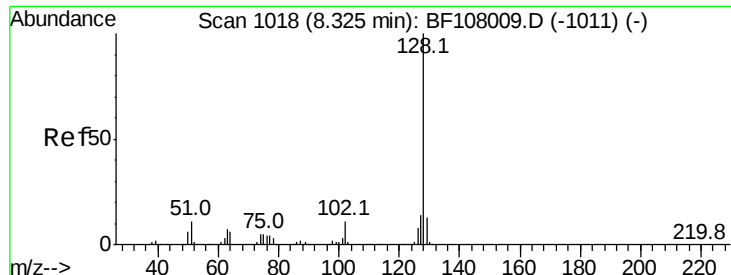
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#30
1,2,4-Trichlorobenzene
Concen: 41.864 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.6	76.8	115.2
145	32.1	26.5	39.7





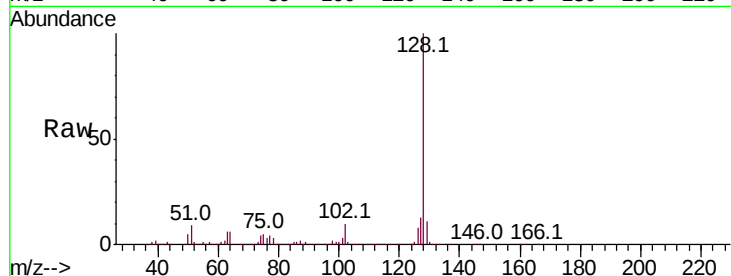
#31
Naphthalene
Concen: 44.825 ng
RT: 8.31 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.5	10.9	16.3

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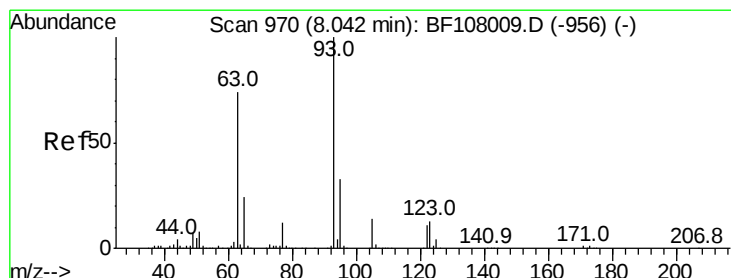
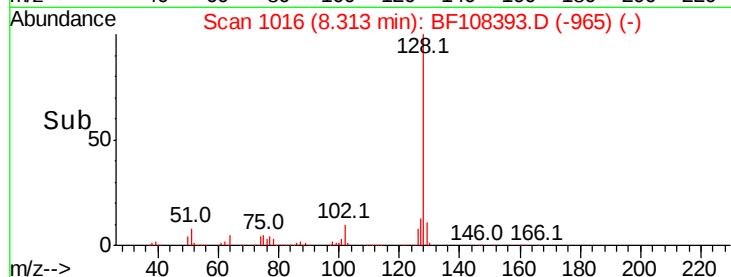
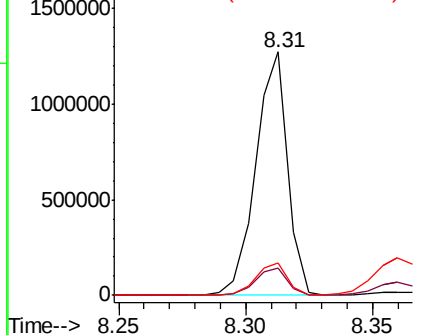


Abundance

Ion 128.00 (127.70 to 128.70): E

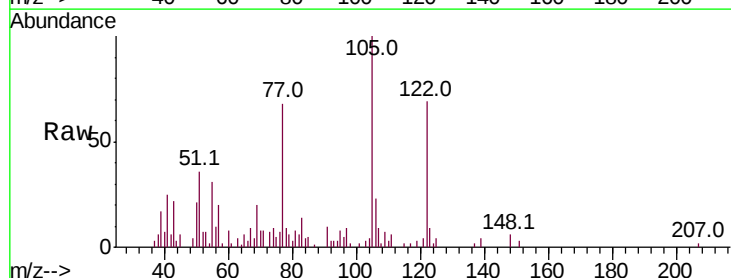
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 9.218 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.05 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
122	100		
105	144.9	101.1	141.1#
77	99.2	70.7	110.7

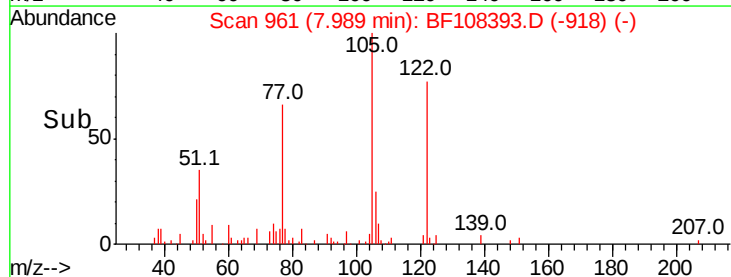
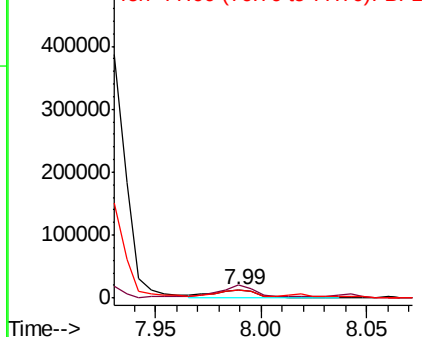


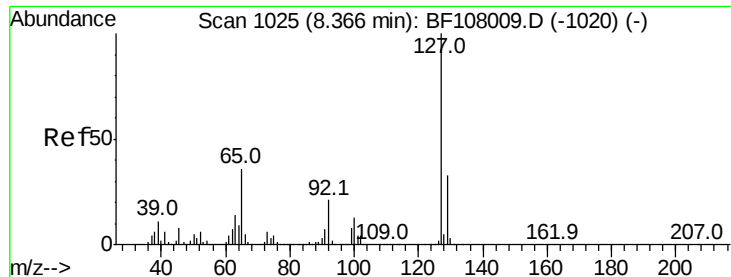
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





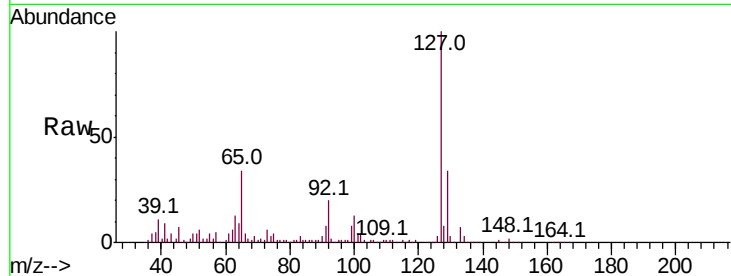
#33
4-Chloroaniline
Concen: 24.162 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.7	25.9	38.9	
65	34.0	25.0	37.4	
92	19.6	15.2	22.8	

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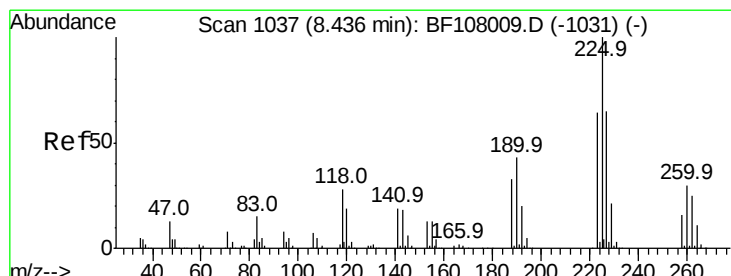
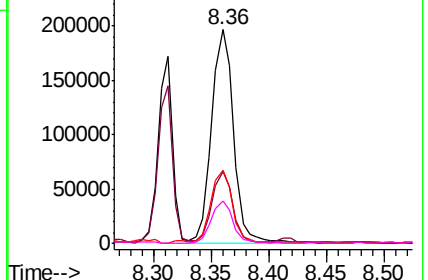
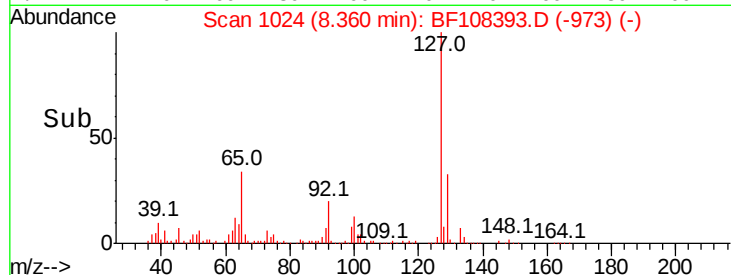
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

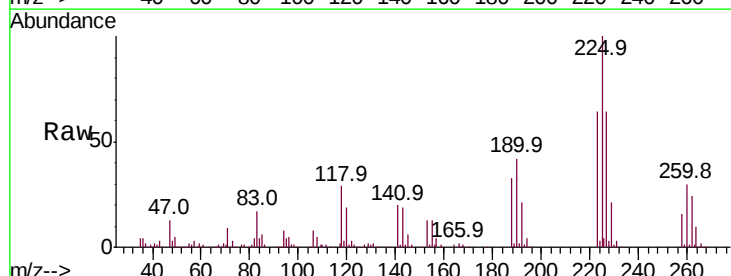
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.612 ng
RT: 8.42 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	50.6	76.0	
227	63.6	51.9	77.9	

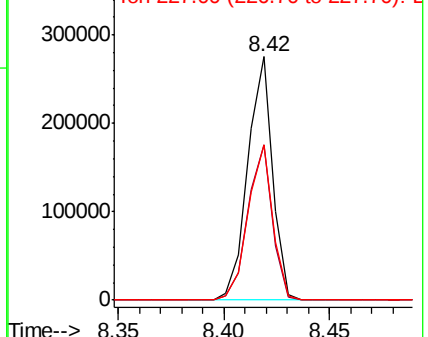
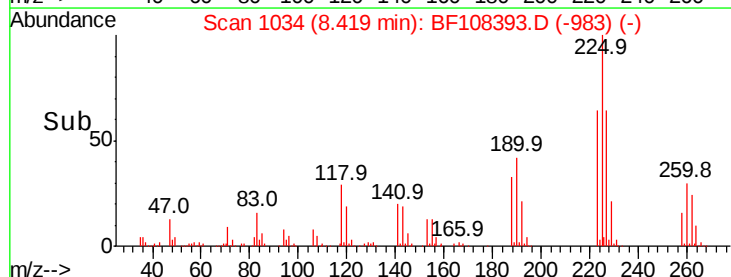


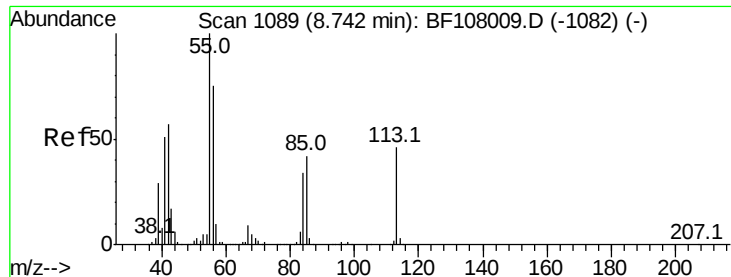
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.806 ng/ml

RT: 8.72 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

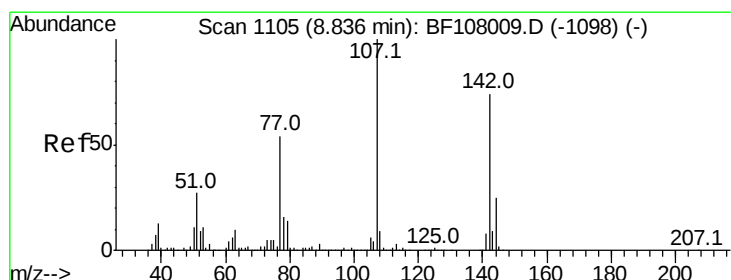
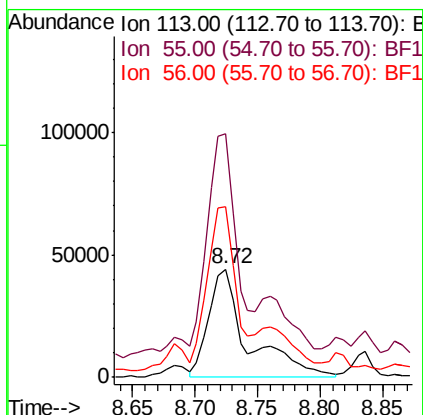
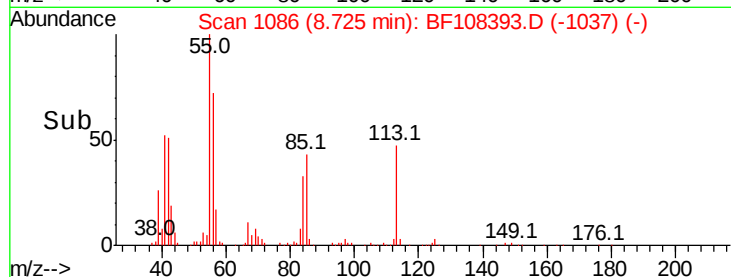
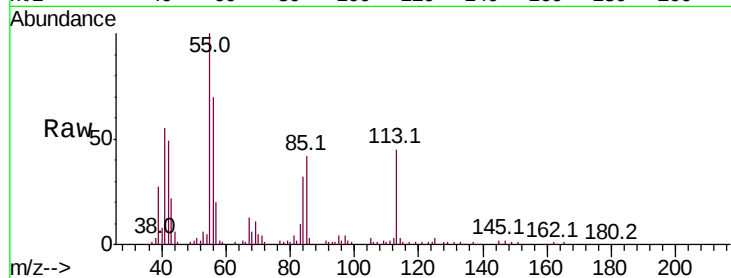
ClientSampleID :

RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	224.5	163.3	203.3#
56	157.7	115.7	155.7#

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#36

4-Chloro-3-methylphenol

Concen: 42.176 ng/ml

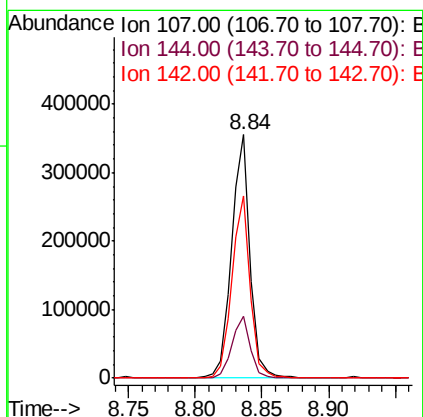
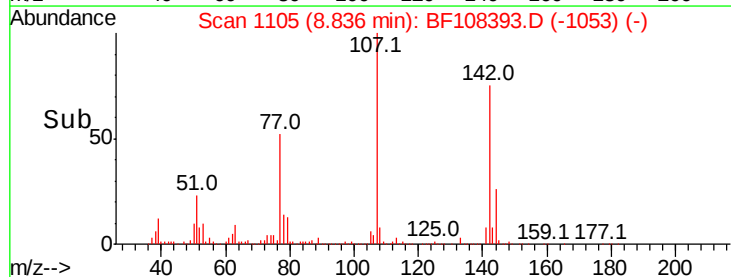
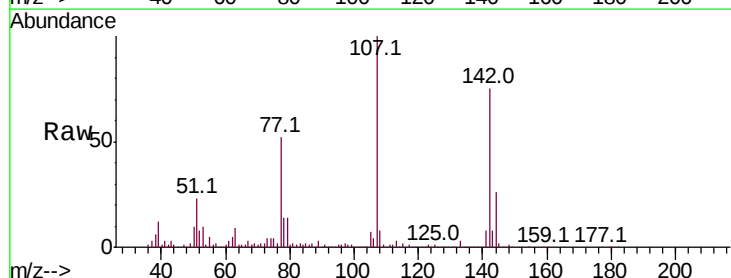
RT: 8.84 min Scan# 1105

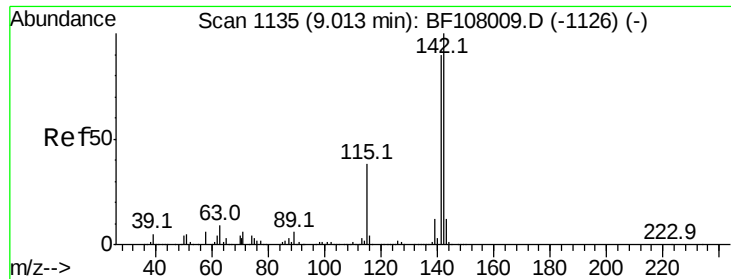
Delta R.T. 0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.5	30.7
142	75.0	62.0	93.0





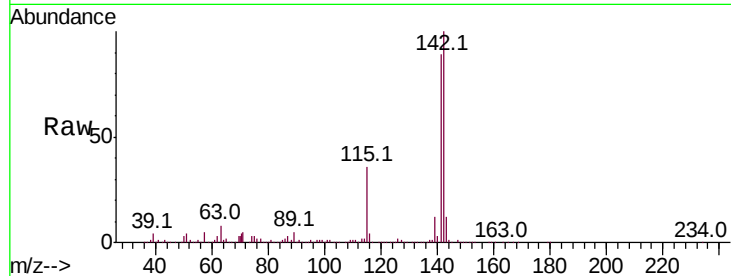
#37
2-Methylnaphthalene
Concen: 42.310 ng
RT: 9.00 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	36.5	26.1	39.1

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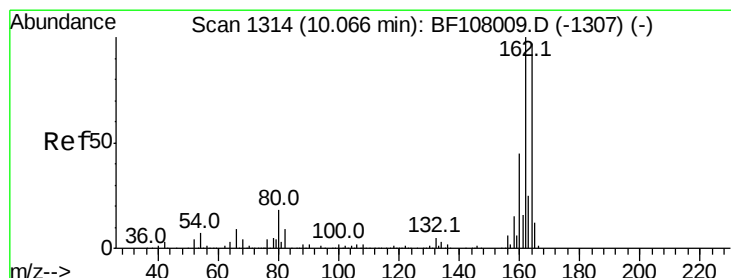
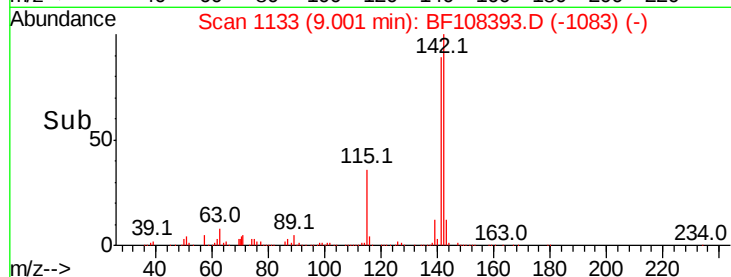
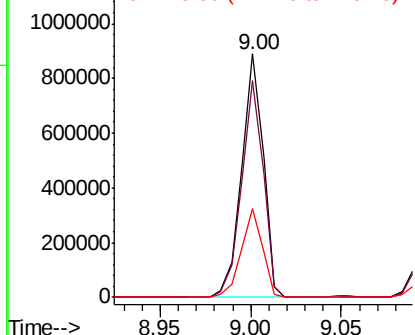


Abundance

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: 10.05 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

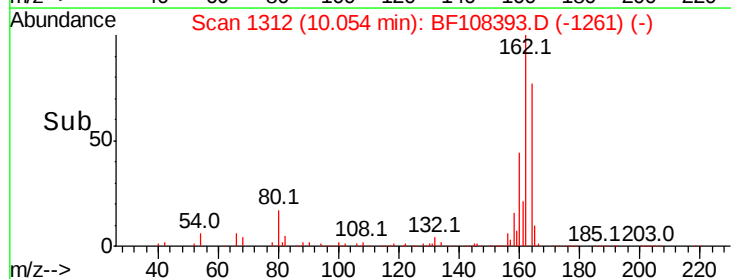
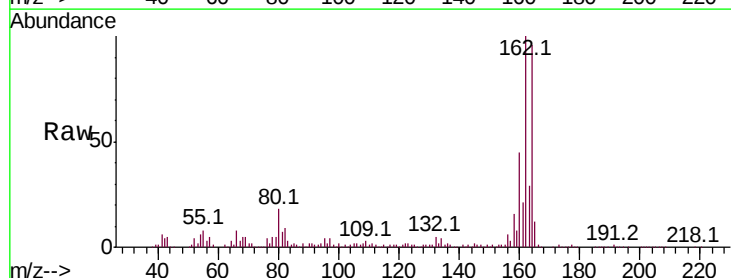
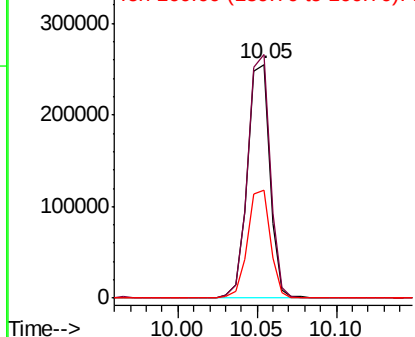
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.4	38.3	57.5

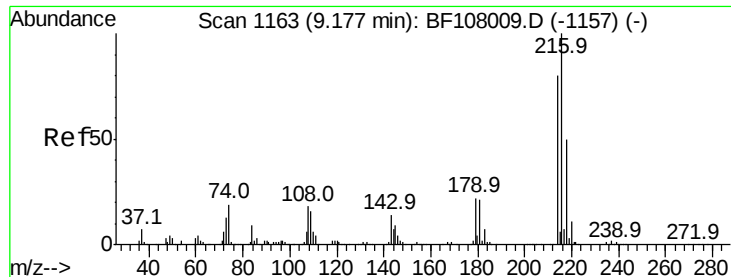
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





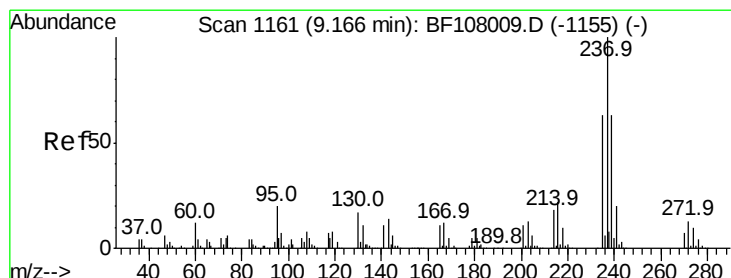
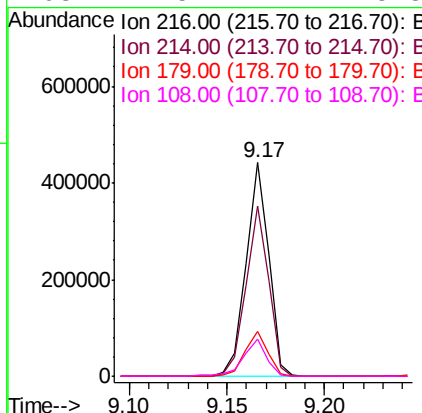
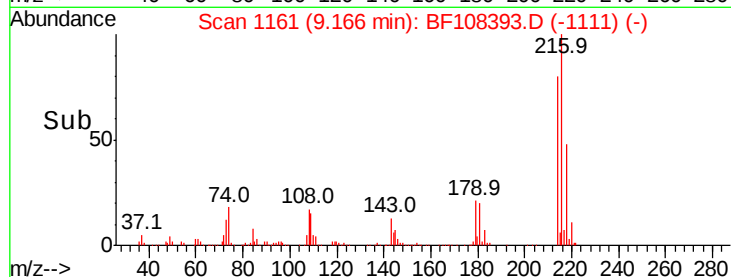
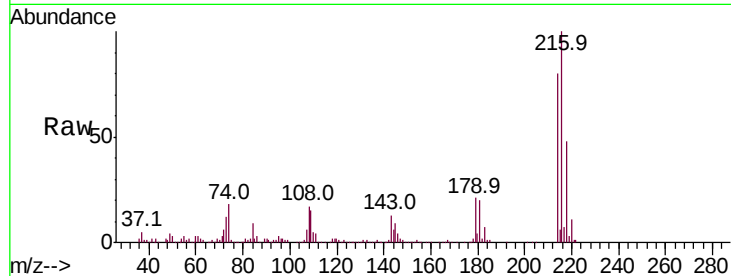
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.537 ng
 RT: 9.17 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.0	94.4
179	20.8	18.1	27.1
108	17.5	17.2	25.8

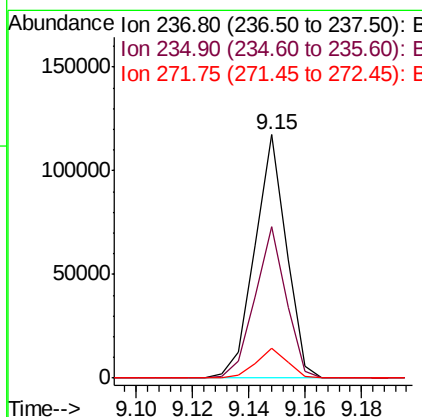
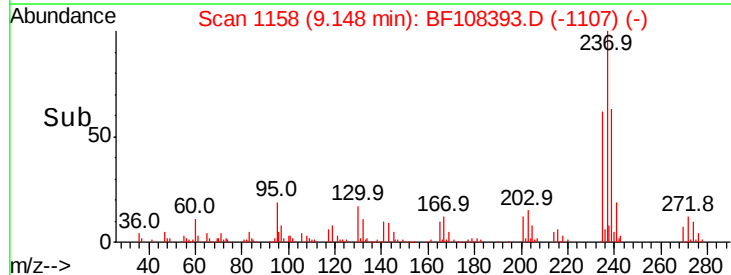
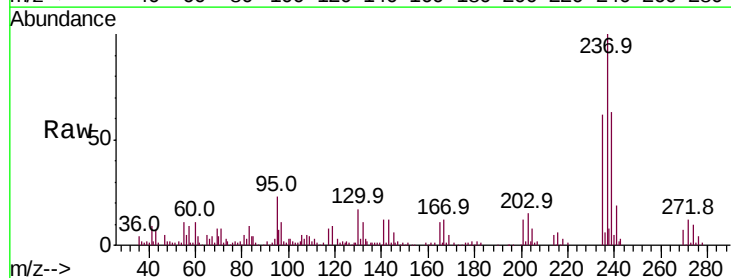
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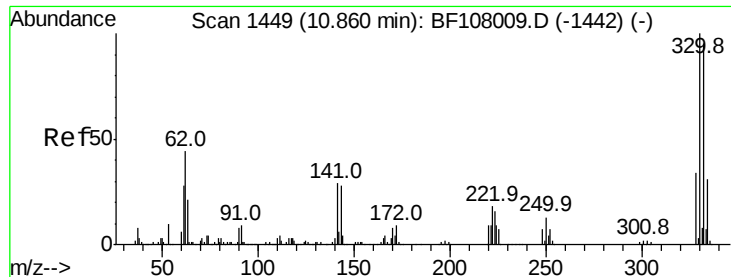
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#40
 Hexachlorocyclopentadiene
 Concen: 18.516 ng
 RT: 9.15 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	44.8	84.8
272	12.1	0.0	33.3





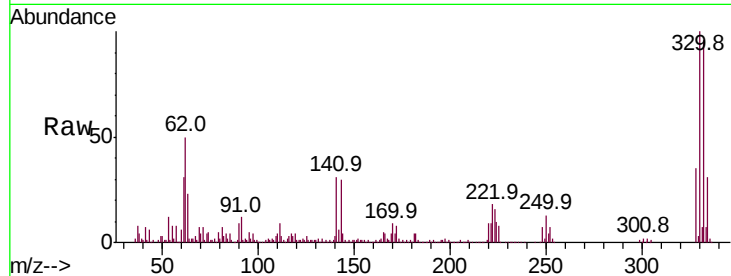
#41
 2,4,6-Tribromophenol
 Concen: 134.347 ng
 RT: 10.85 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

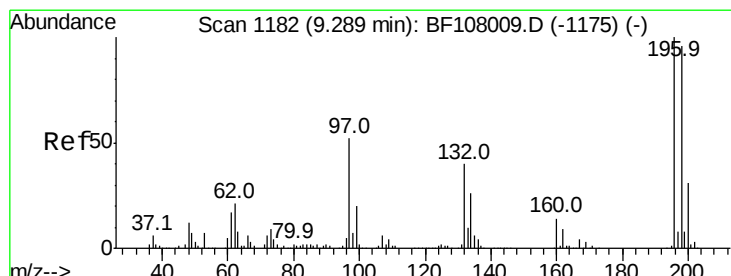
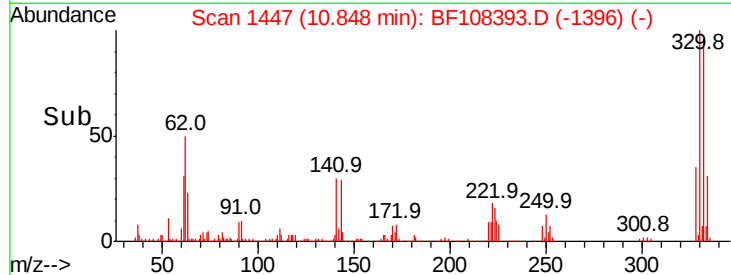
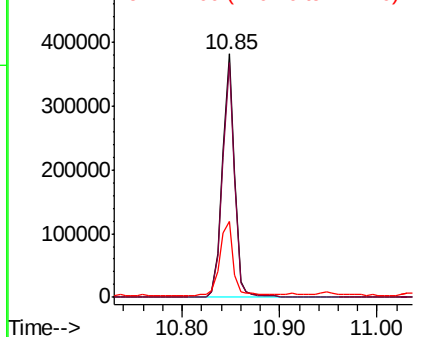
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.0	115.6	
141	33.1	29.9	44.9	

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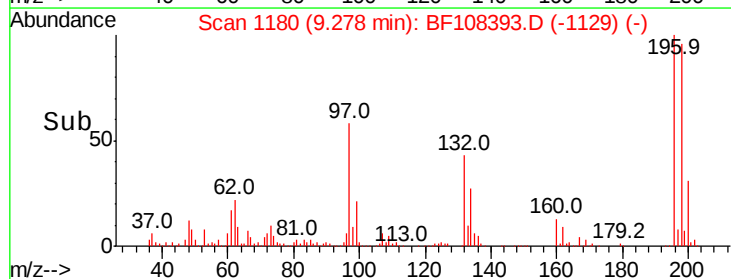
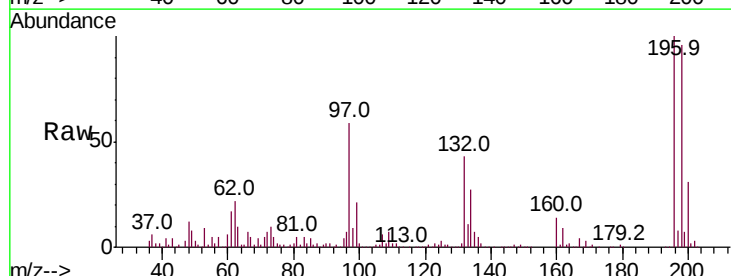
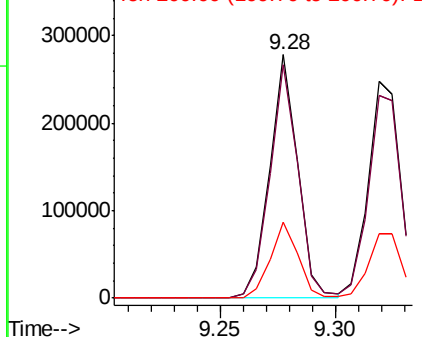
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

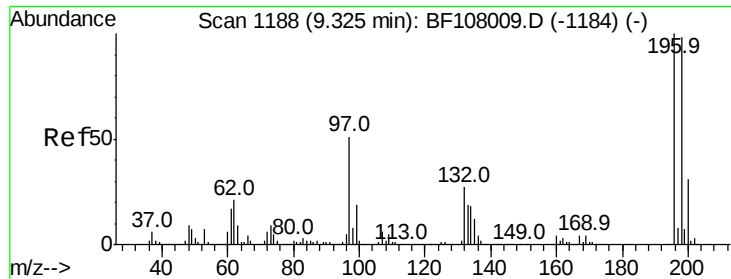


#42
 2,4,6-Trichlorophenol
 Concen: 49.686 ng
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.9	75.7	113.5	
200	31.2	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





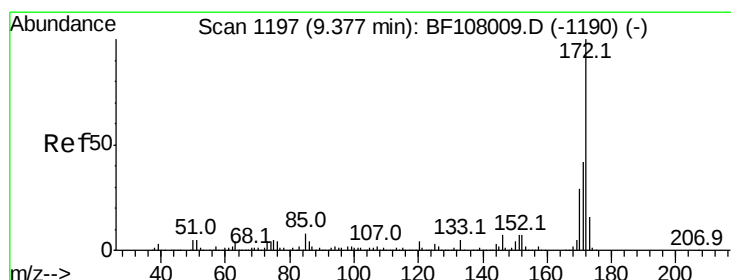
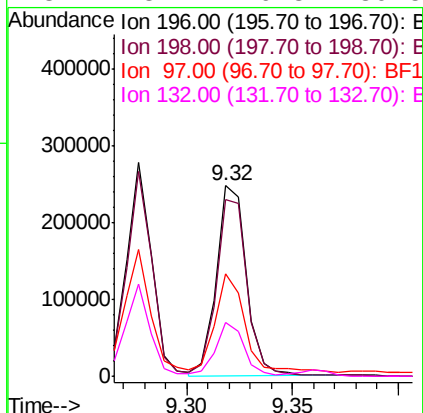
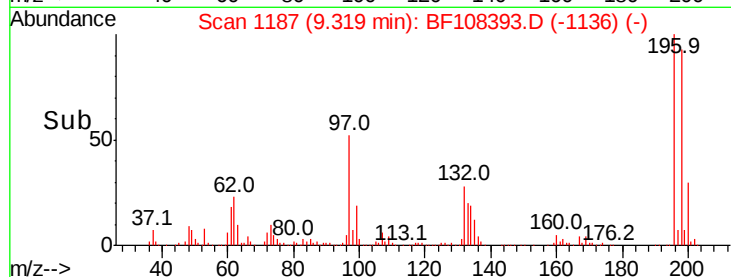
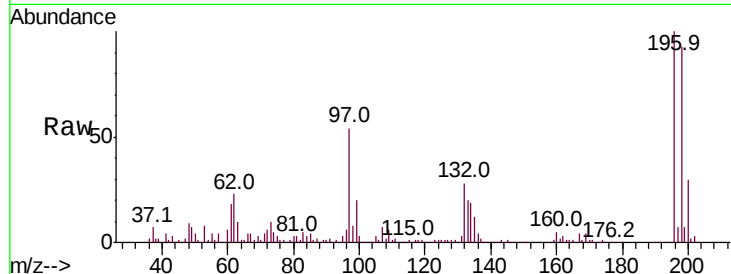
#43
 2,4,5-Trichlorophenol
 Concen: 46.803 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	244290		
198	93.0	74.6	112.0	
97	53.9	42.9	64.3	
132	28.4	26.3	39.5	

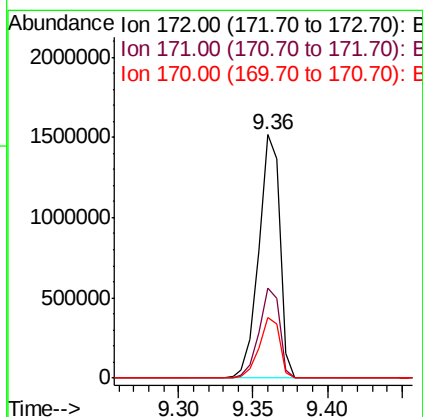
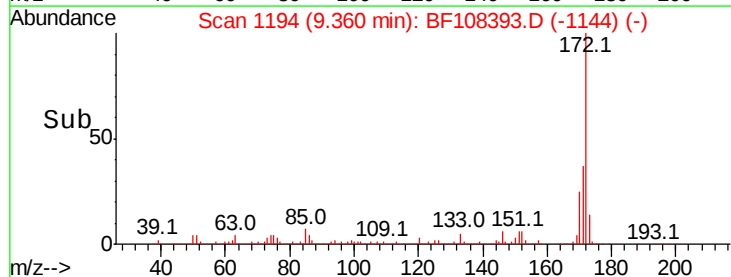
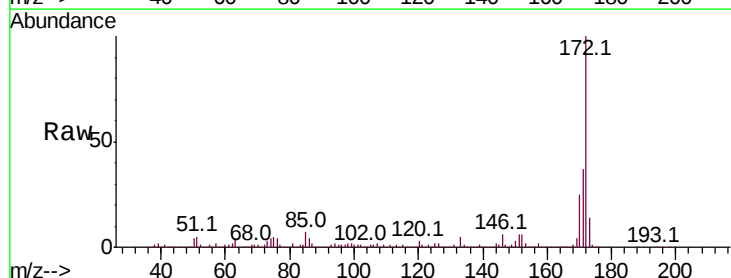
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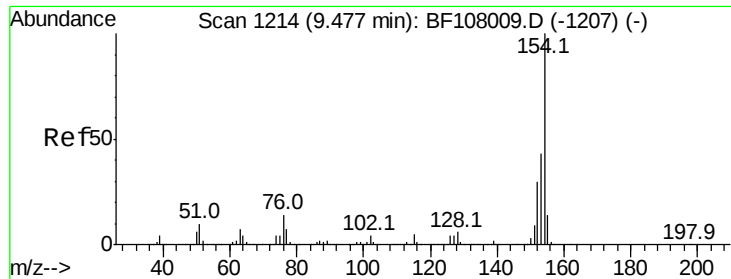
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#44
 2-Fluorobiphenyl
 Concen: 94.076 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1457969		
171	36.9	29.7	44.5	
170	24.8	19.6	29.4	





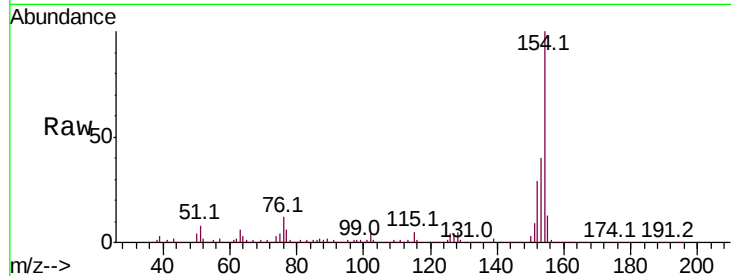
#45
 1,1'-Biphenyl
 Concen: 46.406 ng
 RT: 9.47 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

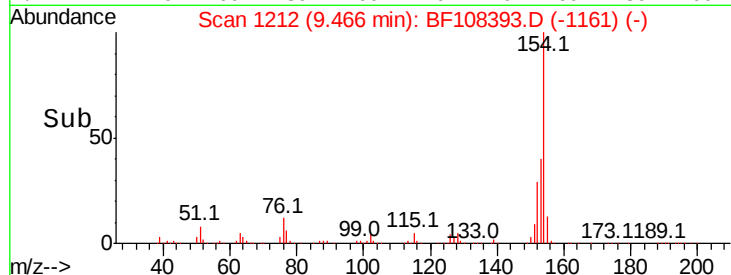
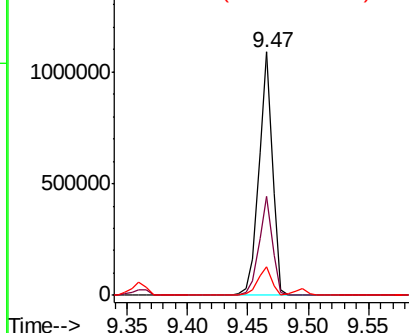
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.4	21.3	61.3	
76	12.0	0.0	34.0	

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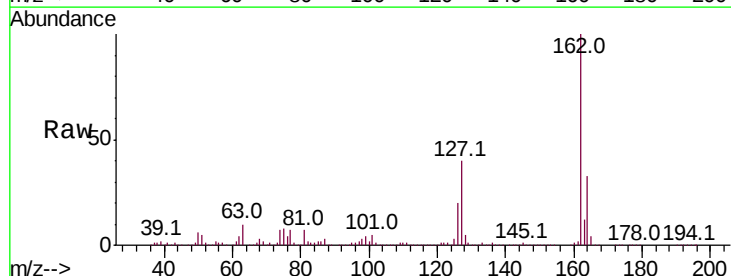
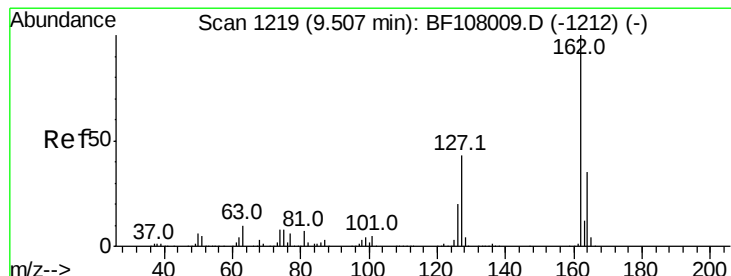
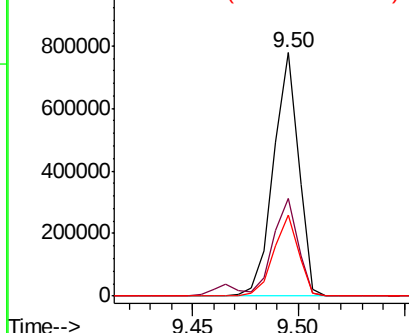
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

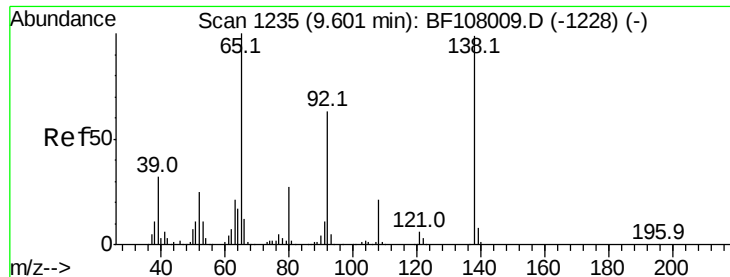


#46
 2-Chloronaphthalene
 Concen: 44.579 ng
 RT: 9.50 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.1	33.9	50.9	
164	33.4	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





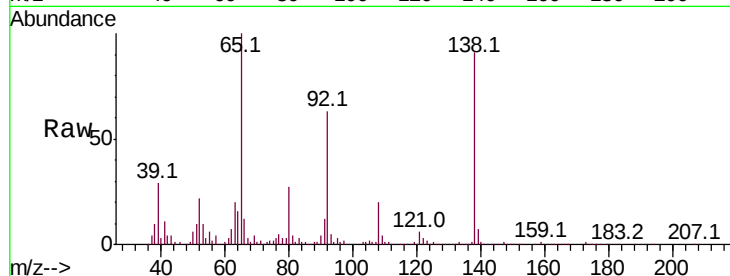
#47
2-Nitroaniline
Concen: 49.400 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

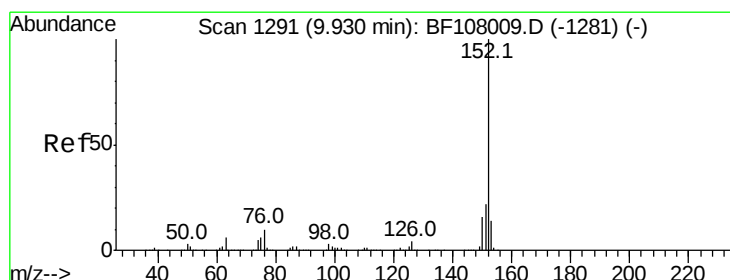
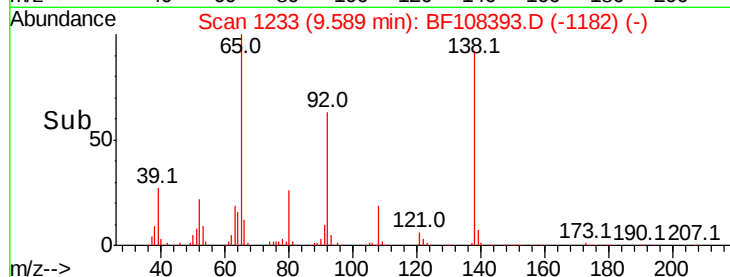
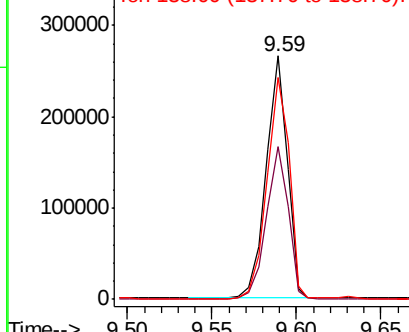
Tot Ion	Ratio	Lower	Upper
65	100		
92	62.9	55.8	83.6
138	91.3	91.2	136.8

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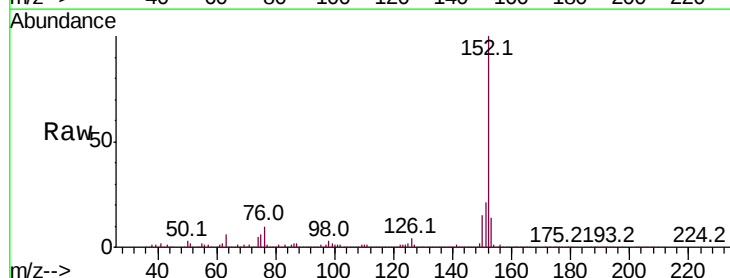


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E

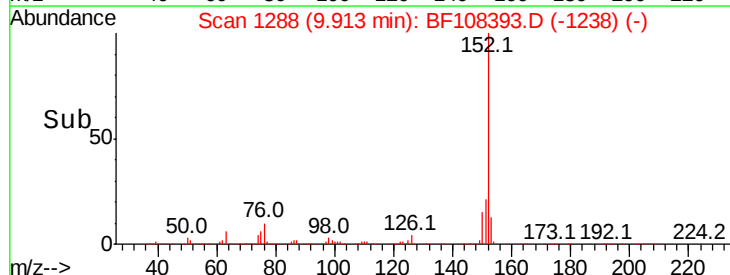
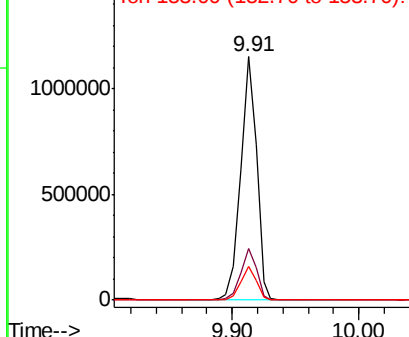


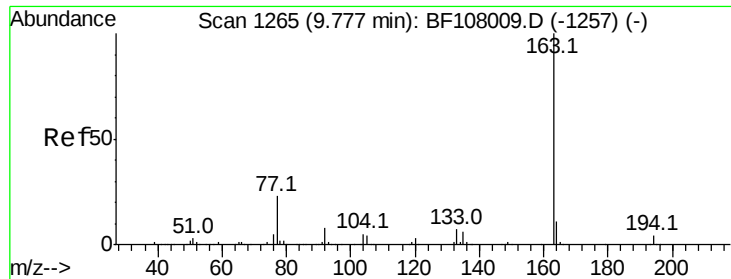
#48
Acenaphthylene
Concen: 42.909 ng
RT: 9.91 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.3	24.5
153	13.7	10.7	16.1



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





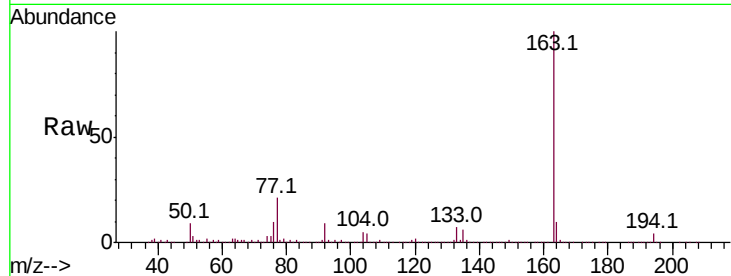
#49
Dimethylphthalate
Concen: 59.649 ng
RT: 9.77 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

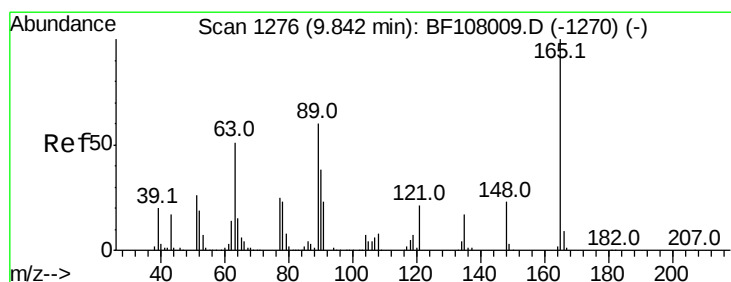
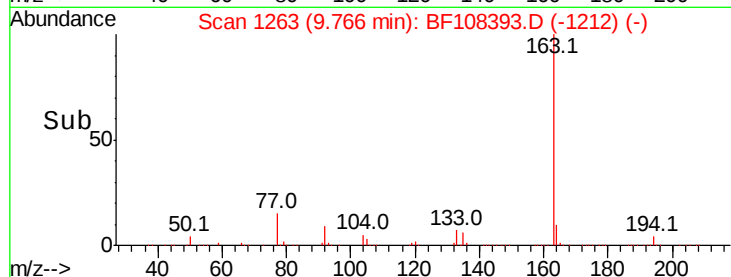
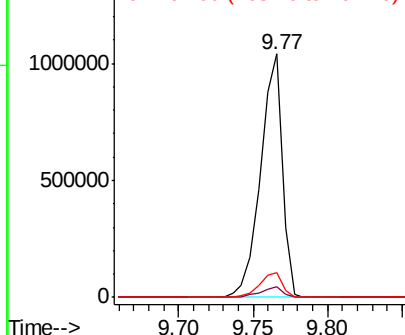
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	10.2	8.2	12.2

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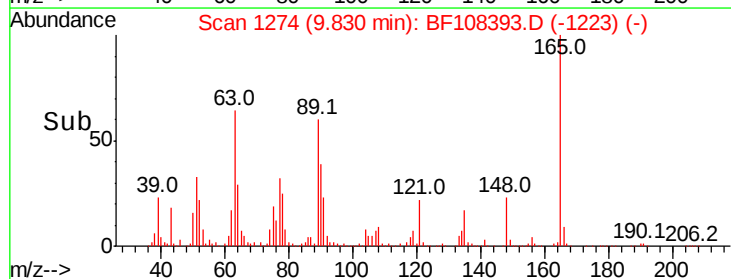
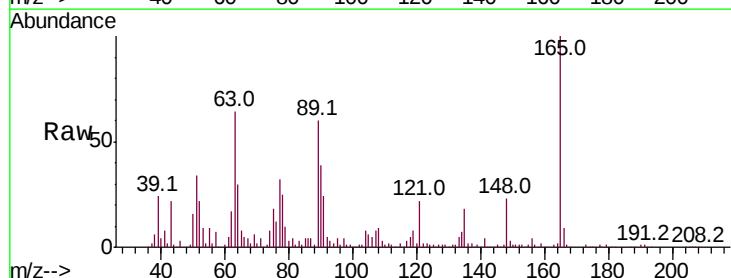
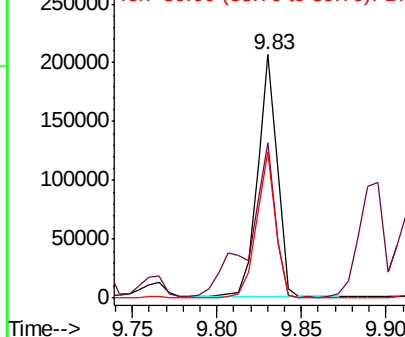
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

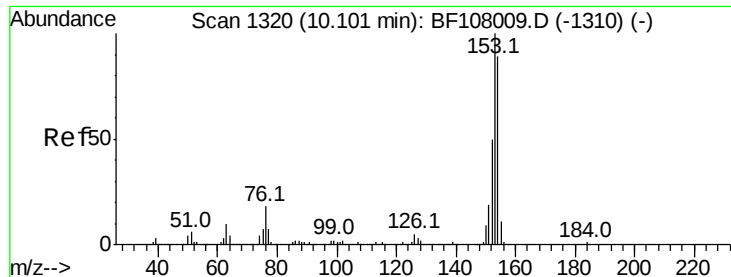


#50
2,6-Dinitrotoluene
Concen: 45.749 ng
RT: 9.83 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.7	44.7	67.1
89	60.1	44.0	66.0

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





#51

Acenaphthene

Concen: 47.149 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

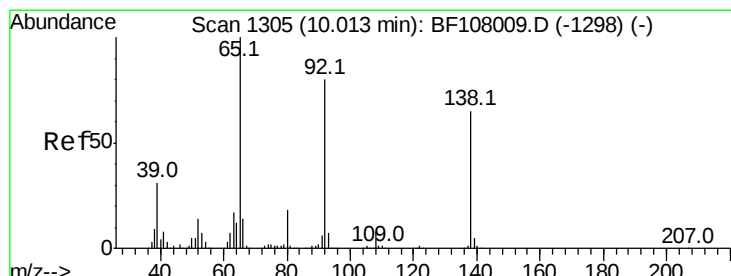
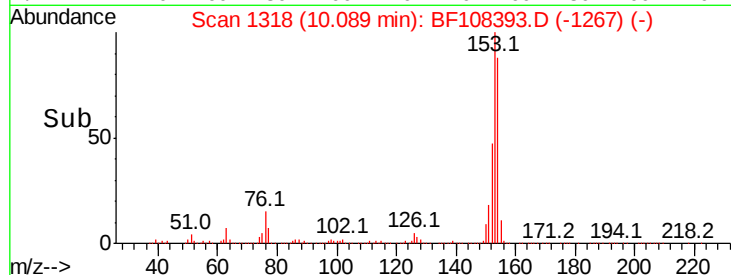
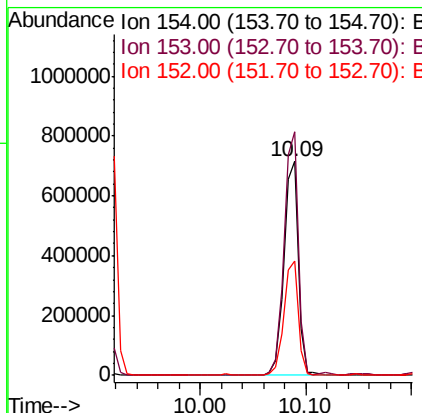
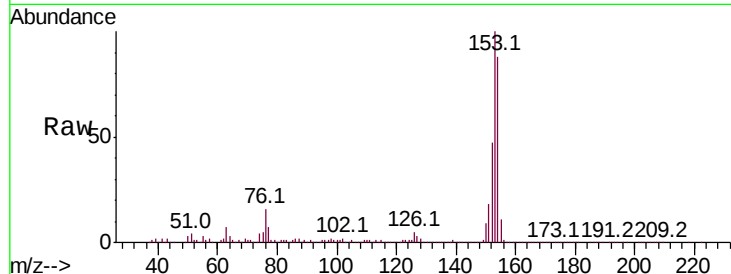
ClientSampleId :

RA-081718-WSW-20-053MS

Tot Ion:	154	Resp:	661948
Ion Ratio	Lower	Upper	
154	100		
153	113.7	91.2	136.8
152	53.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 35.570 ng

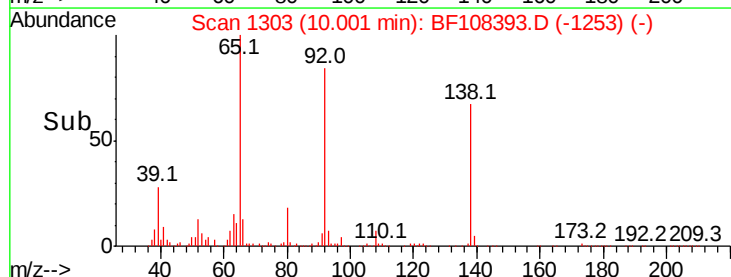
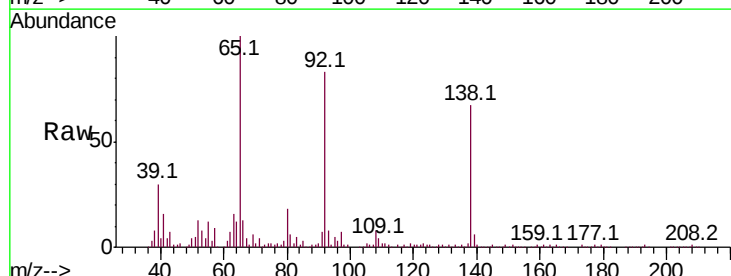
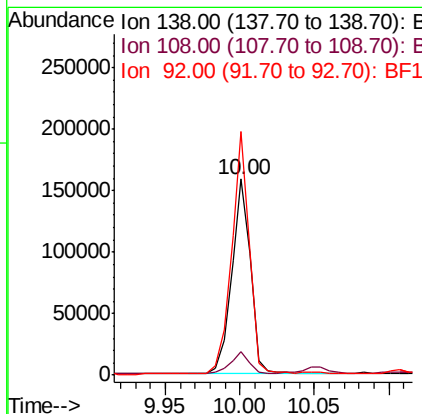
RT: 10.00 min Scan# 1303

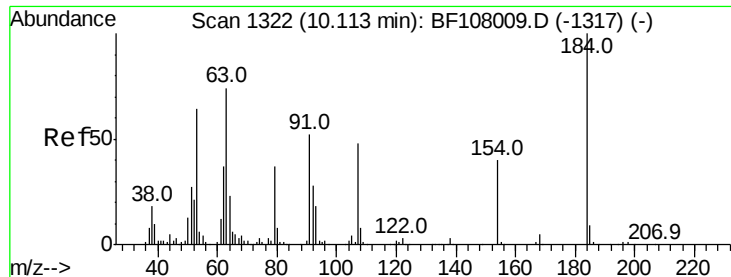
Delta R.T. -0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion:	138	Resp:	141121
Ion Ratio	Lower	Upper	
138	100		
108	11.7	9.4	14.0
92	124.2	89.4	134.2





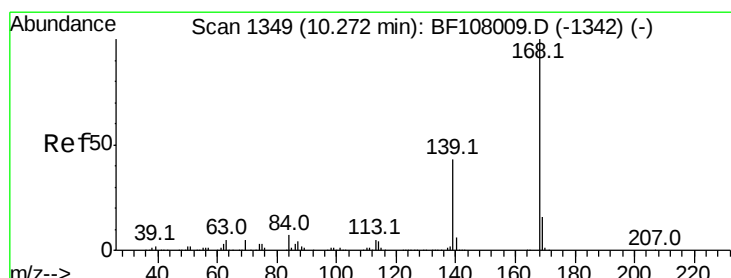
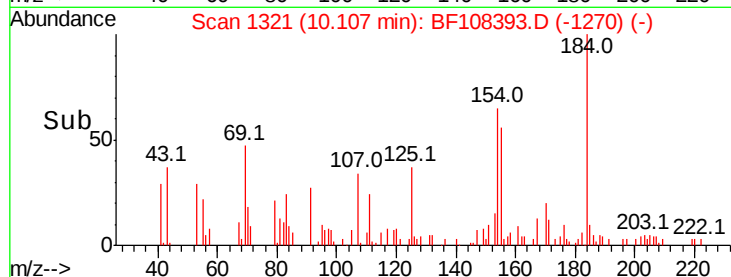
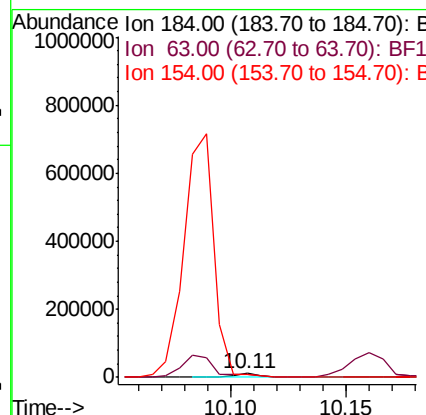
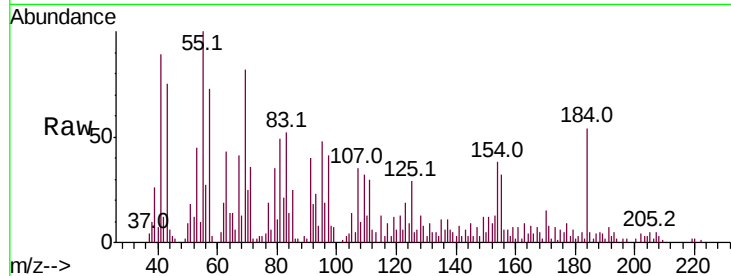
#53
2,4-Dinitrophenol
Concen: 14.194 ng
RT: 10.11 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.9	54.2	81.2
154	71.6	184.0	276.0#

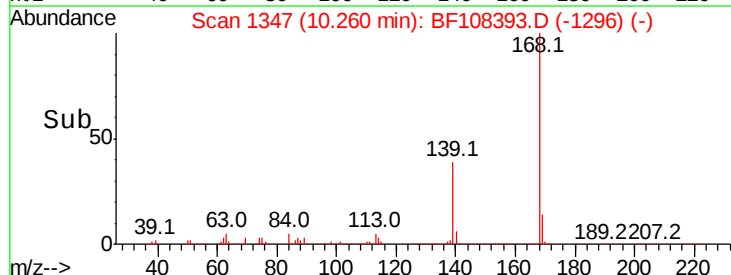
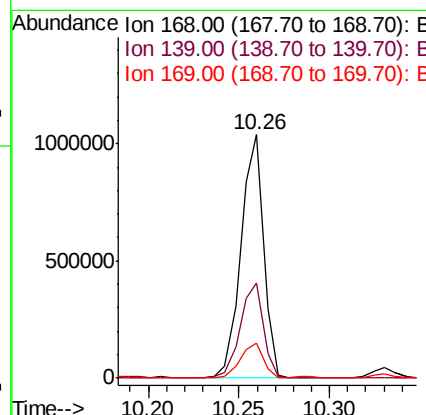
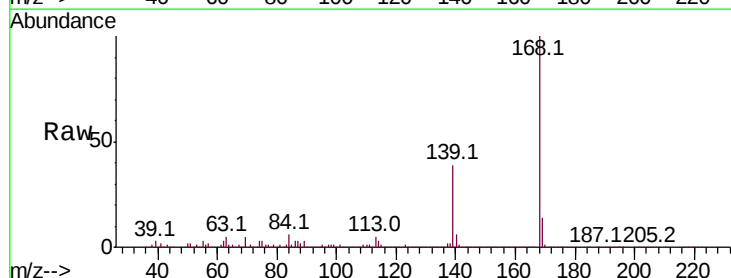
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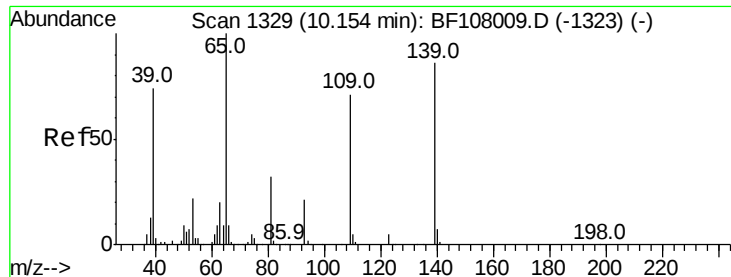
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#54
Dibenzofuran
Concen: 44.237 ng
RT: 10.26 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.1	45.1
169	14.3	10.9	16.3





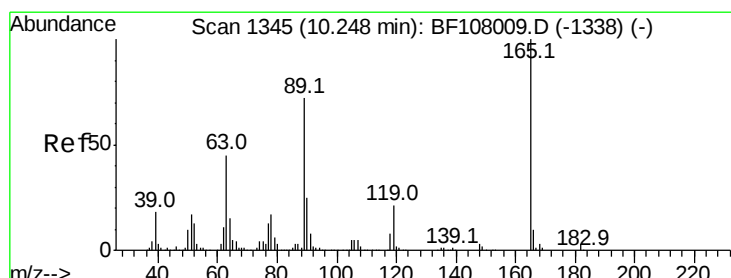
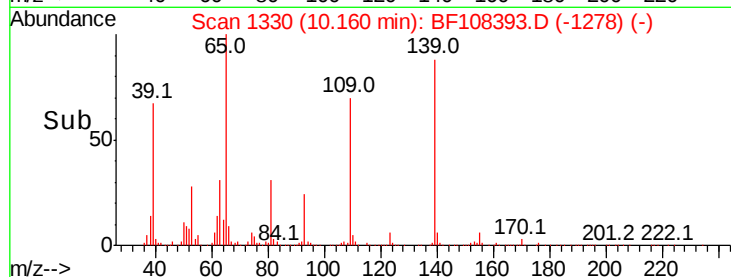
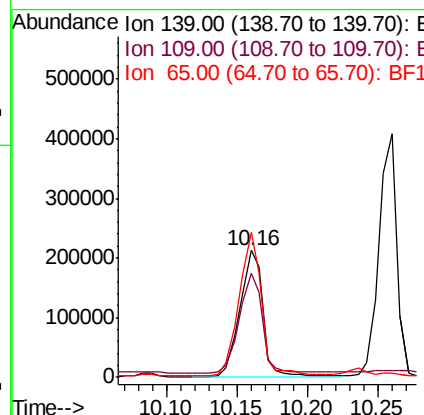
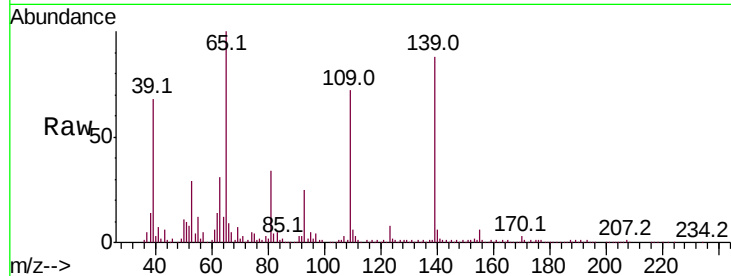
#55
4-Nitrophenol
Concen: 79.555 ng
RT: 10.16 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	82.7	48.4	88.4
65	114.2	72.6	112.6

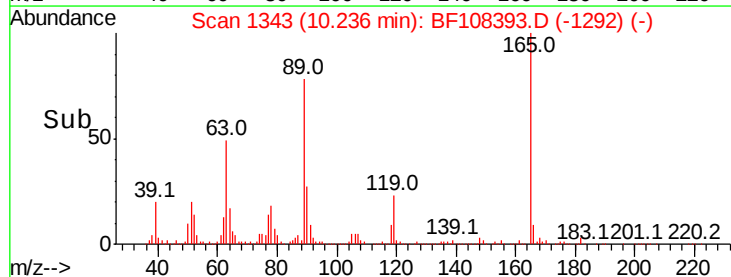
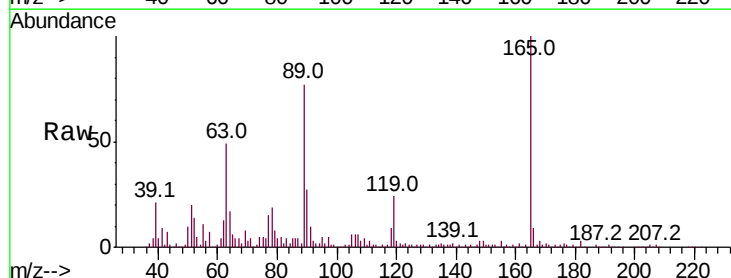
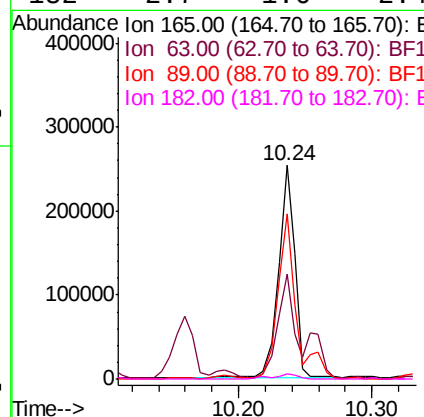
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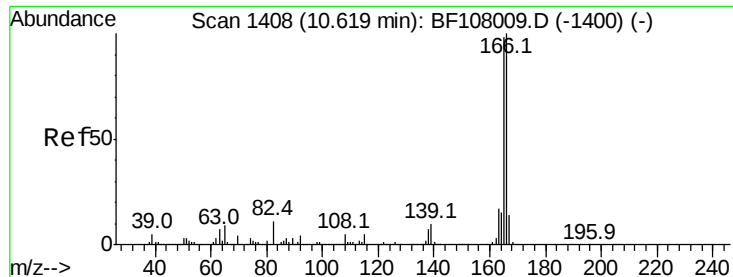
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#56
2,4-Dinitrotoluene
Concen: 46.416 ng
RT: 10.24 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.1	36.4	54.6
89	77.1	57.8	86.6
182	2.7	1.6	2.4





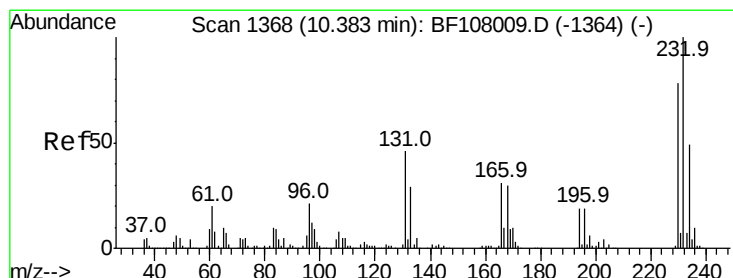
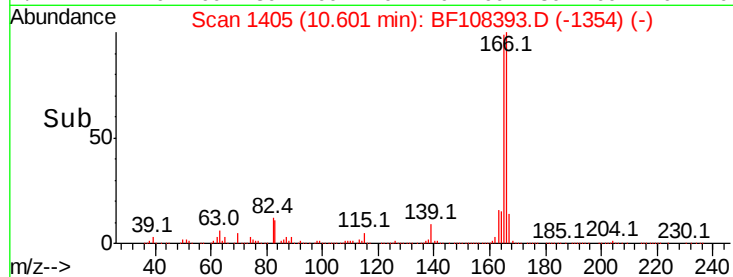
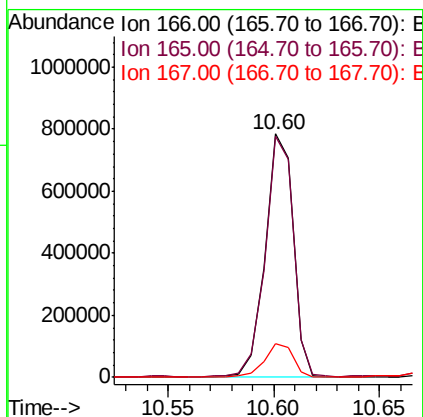
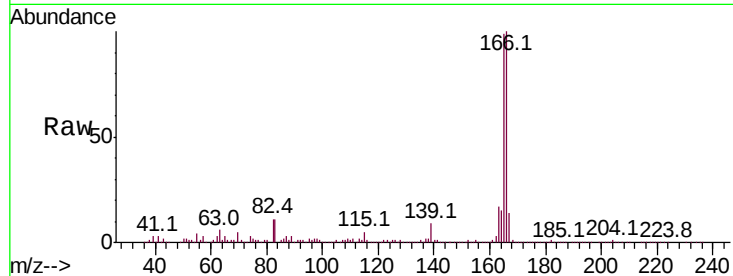
#57
 Fluorene
 Concen: 44.958 ng
 RT: 10.60 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.8	119.8
167	14.1	10.6	16.0

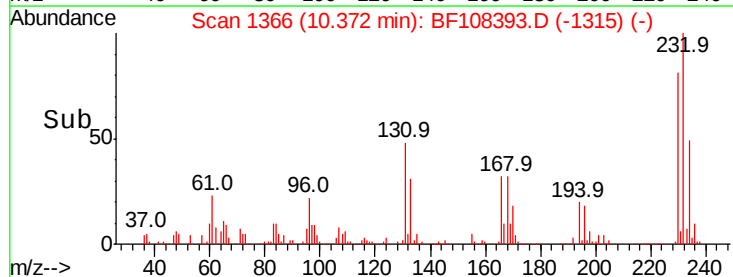
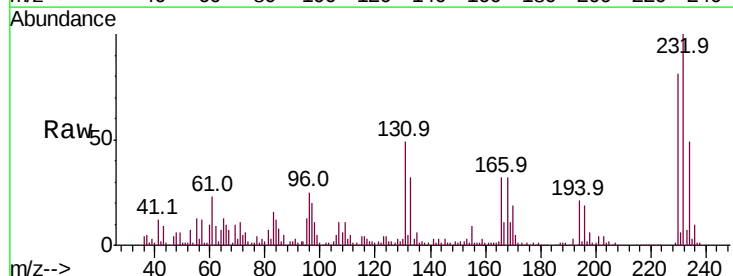
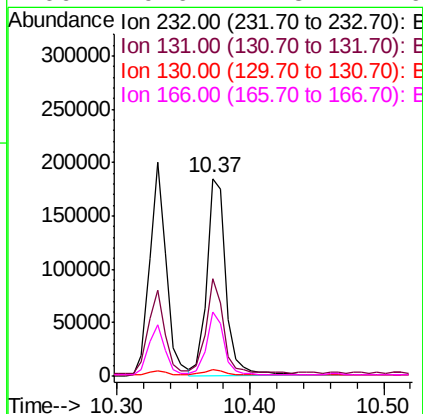
Manual Integrations
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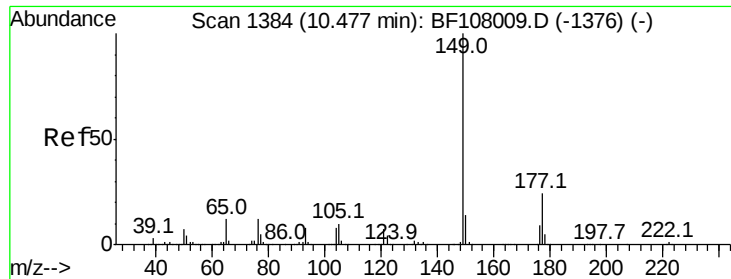
Sohil
 8/23/2018 3:43:21 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.554 ng
 RT: 10.37 min Scan# 1366
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.0	43.8	65.8
130	3.1	2.1	3.1
166	29.6	27.8	41.6





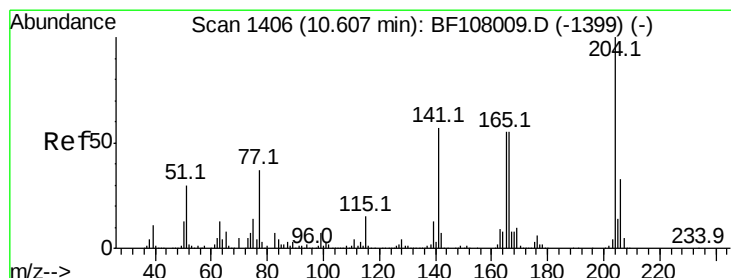
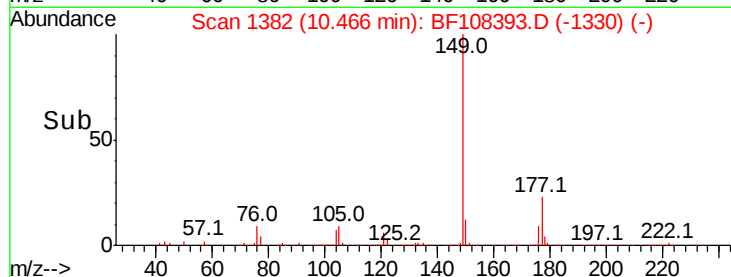
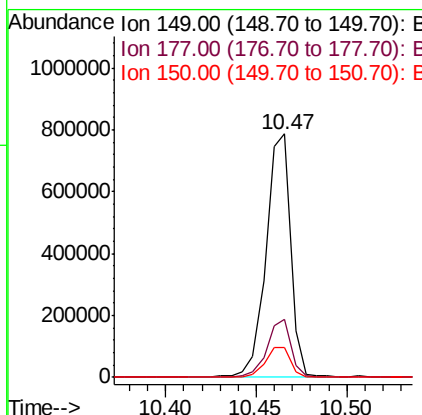
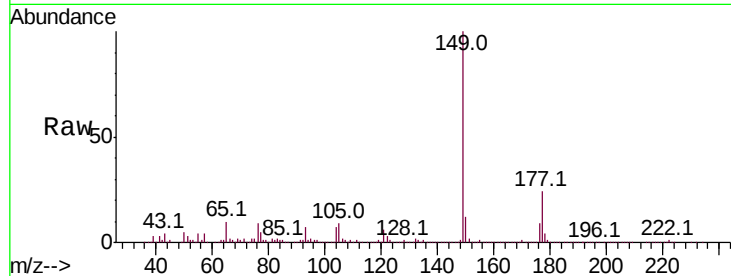
#59
Diethylphthalate
Concen: 43.705 ng
RT: 10.47 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	733499		
177	23.7	16.1	24.1	
150	12.3	10.1	15.1	

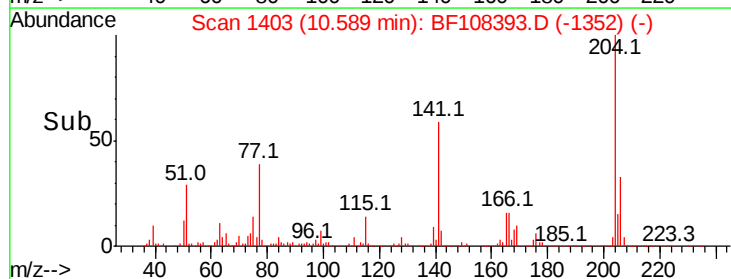
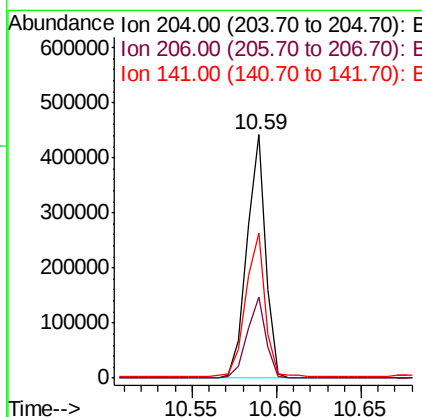
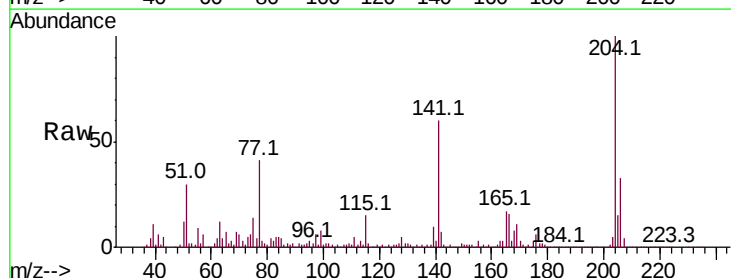
Manual Integrations
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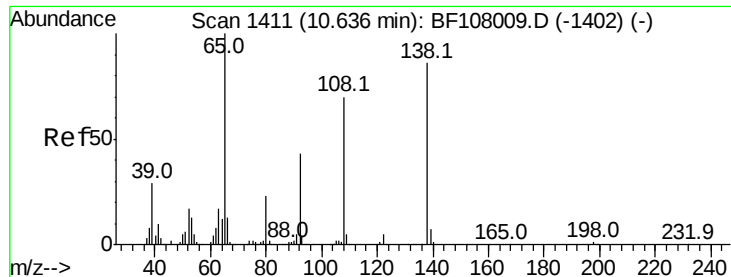
Sohil
8/23/2018 3:43:21 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.581 ng
RT: 10.59 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	340484		
206	33.1	26.5	39.7	
141	59.6	54.6	81.8	





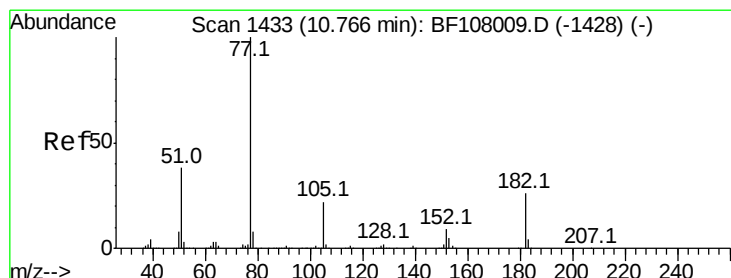
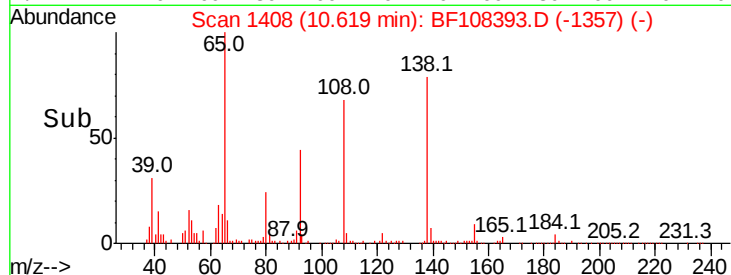
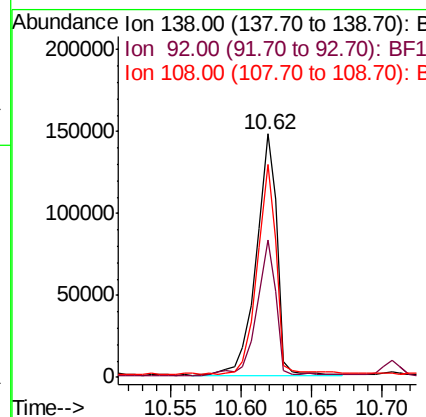
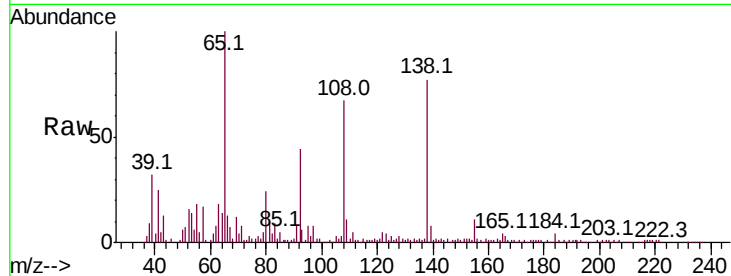
#61
4-Nitroaniline
Concen: 38.766 ng
RT: 10.62 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.3	30.2	70.2
108	87.3	52.5	92.5

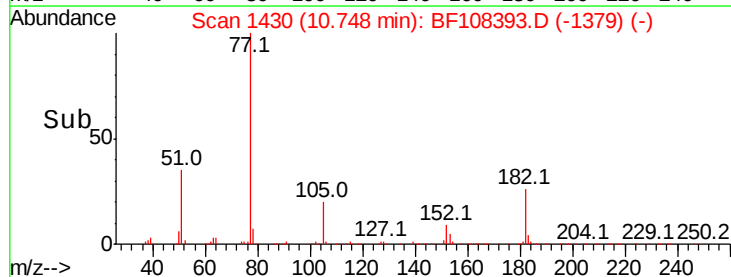
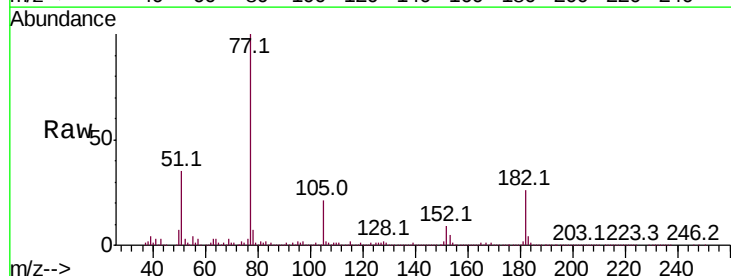
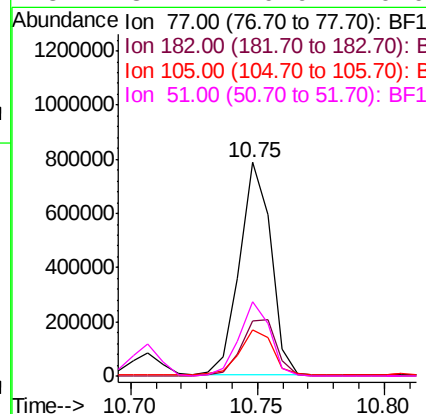
Manual Integrations
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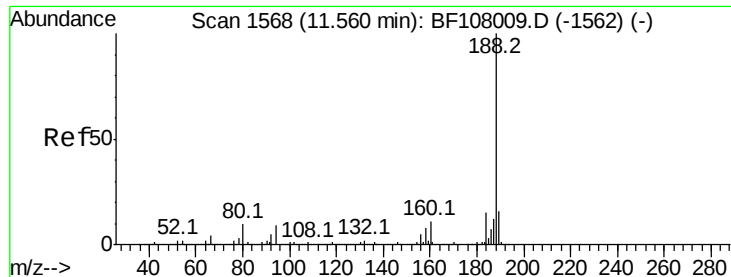
Sohil
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#62
Azobenzene
Concen: 38.686 ng
RT: 10.75 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.8	1.7	41.7
105	21.4	3.0	43.0
51	34.7	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.55 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

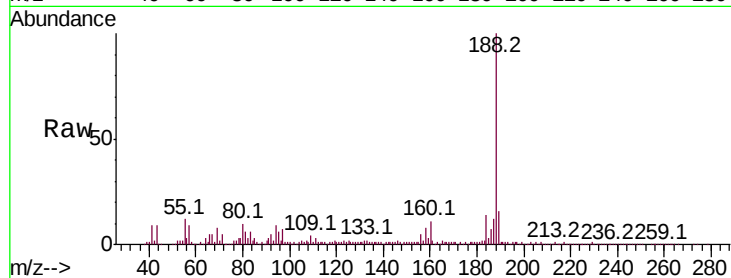
ClientSampleId :

RA-081718-WSW-20-053MS

Tot Ion:188	Resp:	392324
Ion Ratio	Lower	Upper
188 100		
94 8.7	8.5	12.7
80 9.6	9.2	13.8

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.55

400000

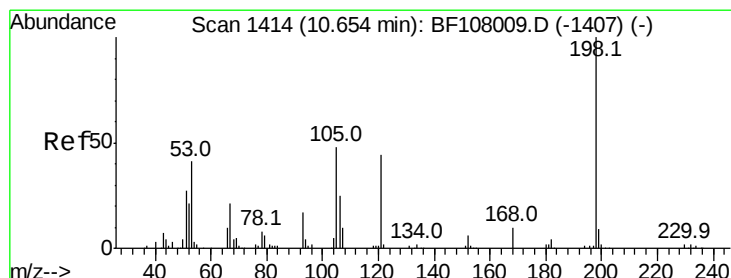
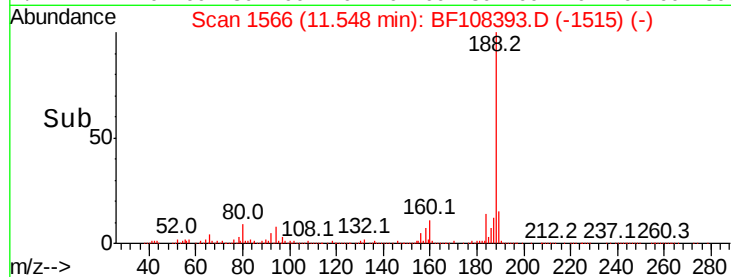
300000

200000

100000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 14.826 ng

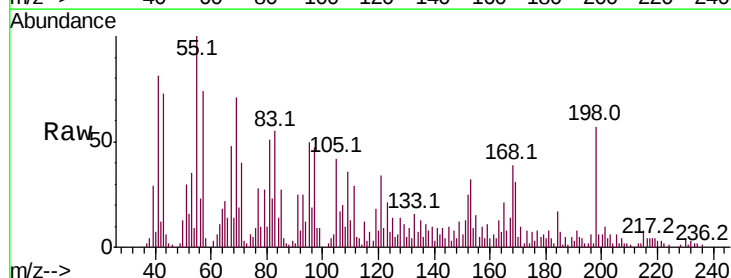
RT: 10.65 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion:198	Resp:	15697
Ion Ratio	Lower	Upper
198 100		
51 53.3	37.7	77.7
105 74.3	36.3	76.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

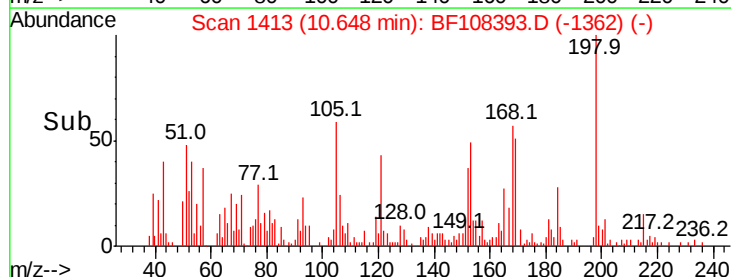
300000

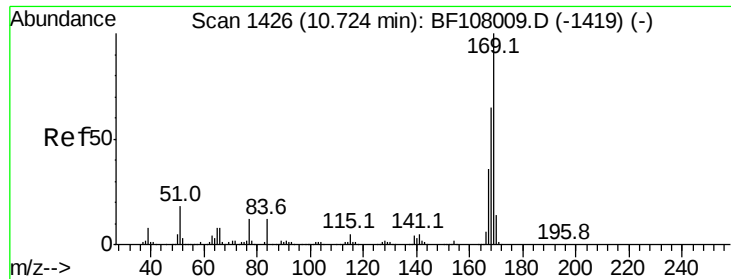
200000

100000

0

Time-->





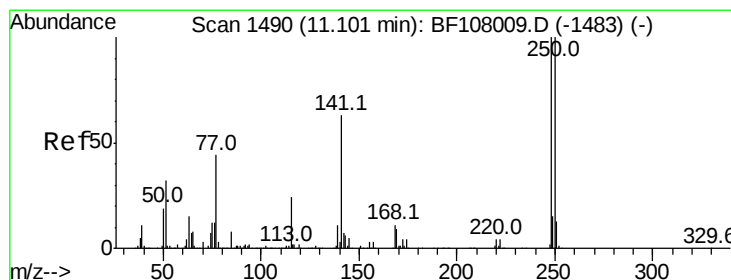
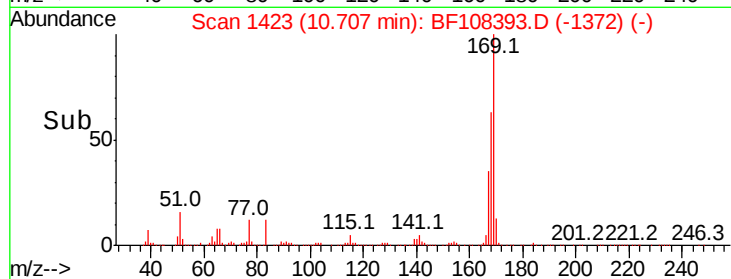
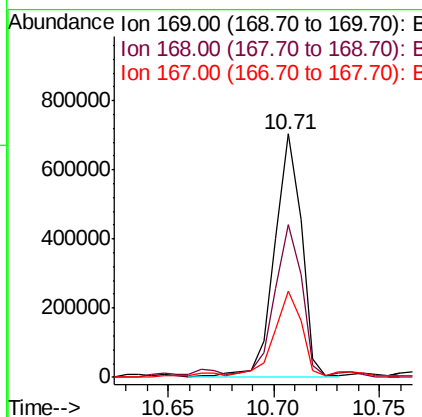
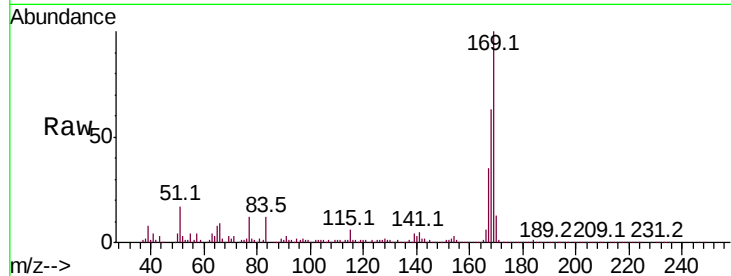
#65
n-Nitrosodiphenylamine
Concen: 53.458 ng
RT: 10.71 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	619761		
168	62.6	54.4	81.6	
167	35.4	29.8	44.6	

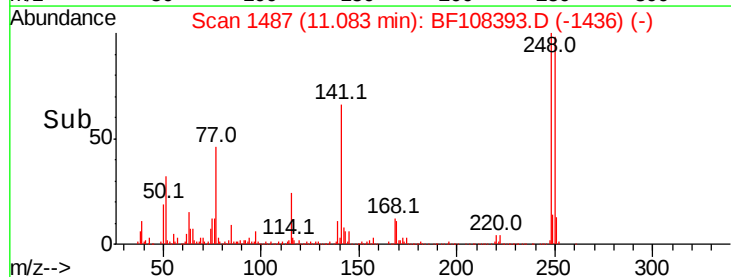
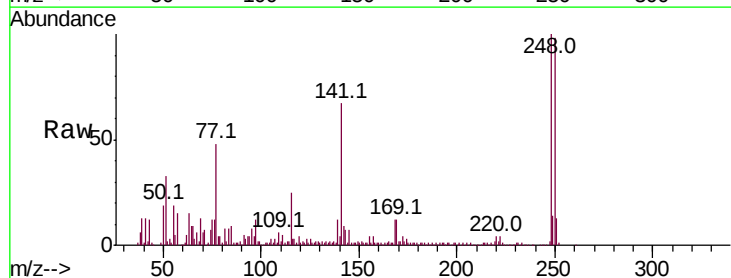
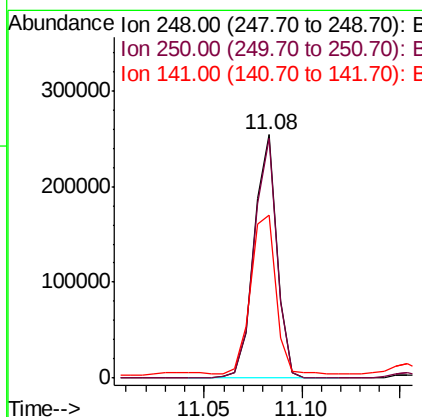
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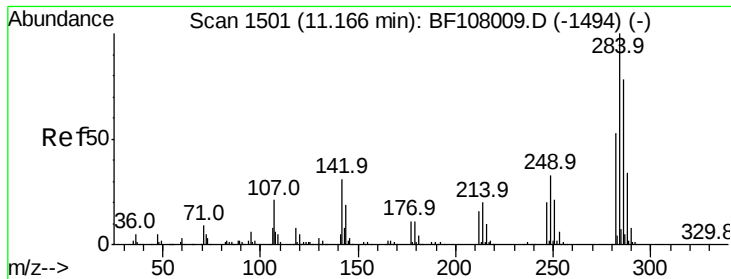
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 48.062 ng
RT: 11.08 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	204913		
250	98.4	76.9	115.3	
141	66.9	74.4	111.6	





#67

Hexachlorobenzene

Concen: 44.856 ng

RT: 11.15 min Scan# 1499

Delta R.T. -0.00 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

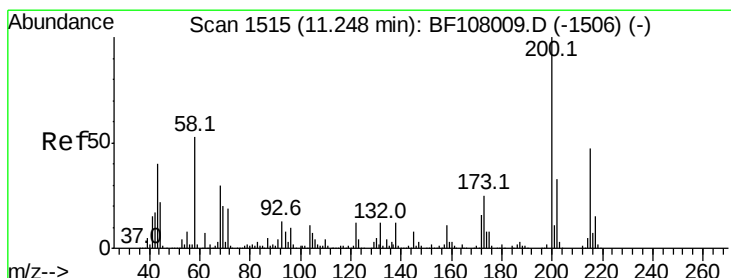
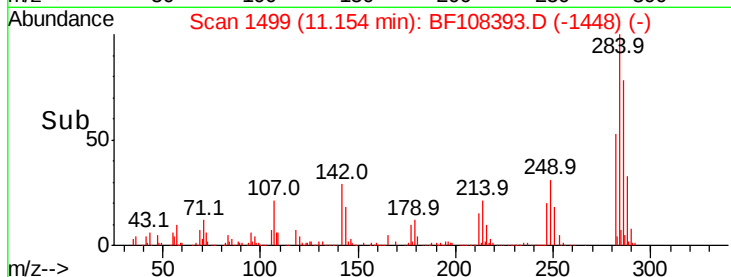
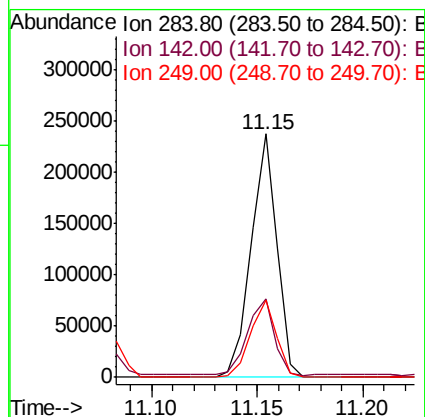
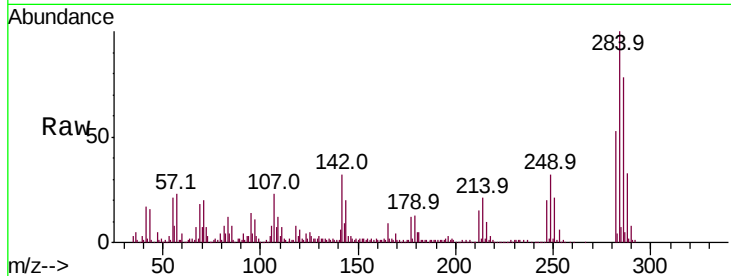
ClientSampleId :

RA-081718-WSW-20-053MS

Tot Ion:	284	Resp:	201218
Ion Ratio		Lower	Upper
284	100		
142	32.5	34.6	52.0#
249	32.0	24.8	37.2

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#68

Atrazine

Concen: 47.283 ng

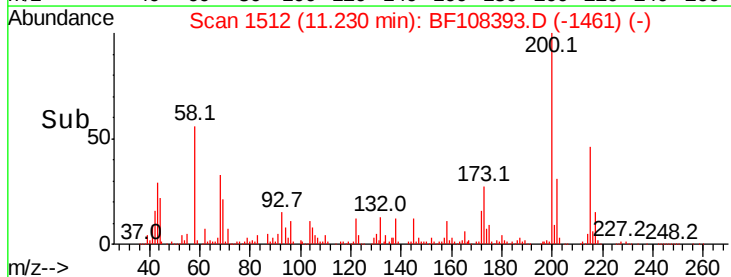
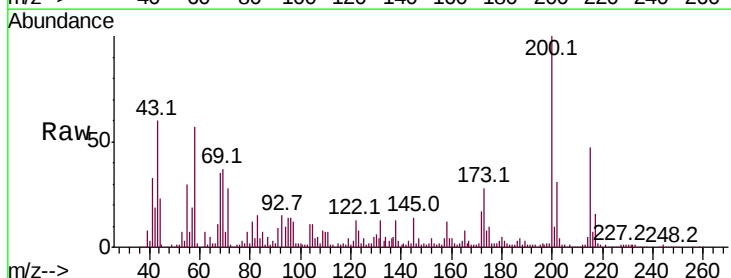
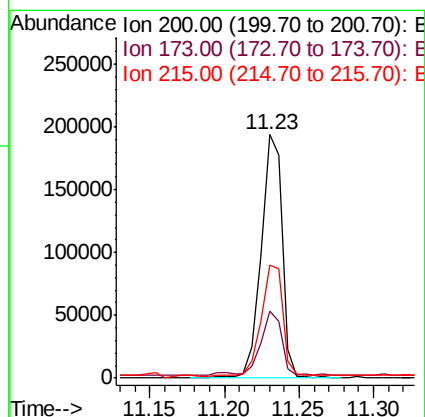
RT: 11.23 min Scan# 1512

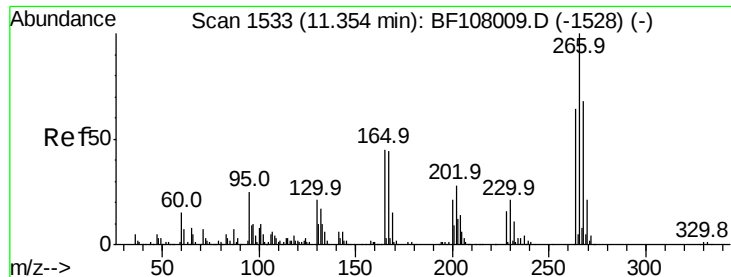
Delta R.T. -0.00 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion:	200	Resp:	183862
Ion Ratio		Lower	Upper
200	100		
173	27.6	8.6	48.6
215	46.5	25.1	65.1





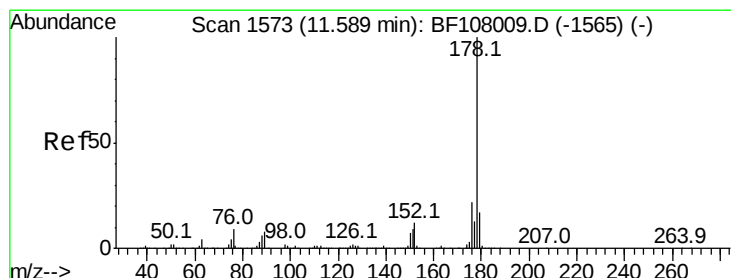
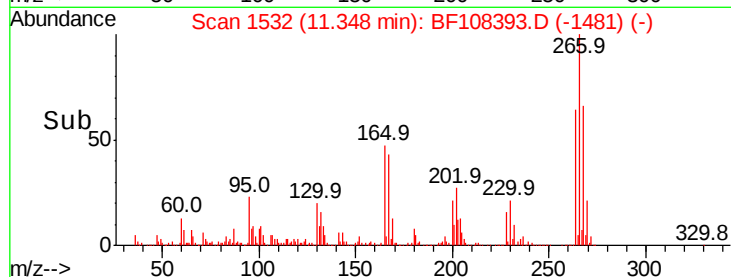
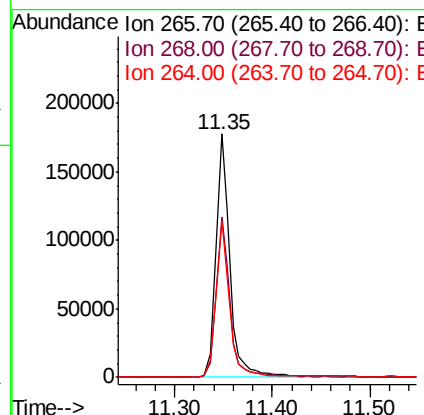
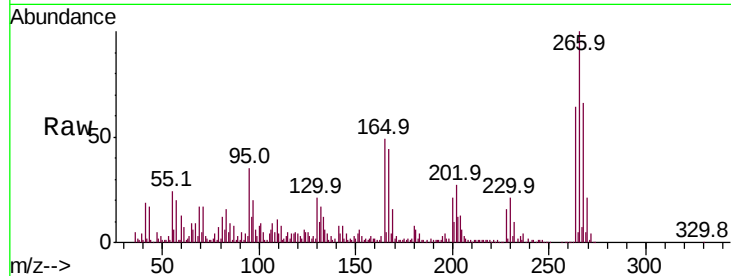
#69
 Pentachlorophenol
 Concen: 82.759 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	177696		
268	65.8		51.1	76.7
264	64.3		49.5	74.3

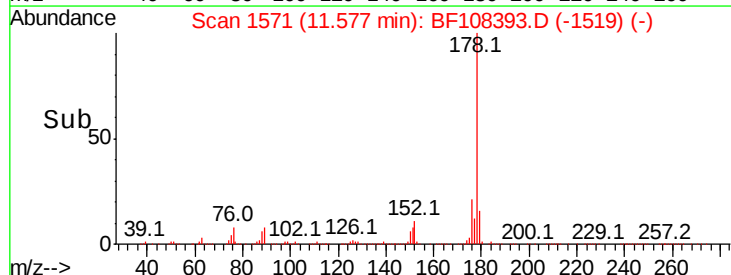
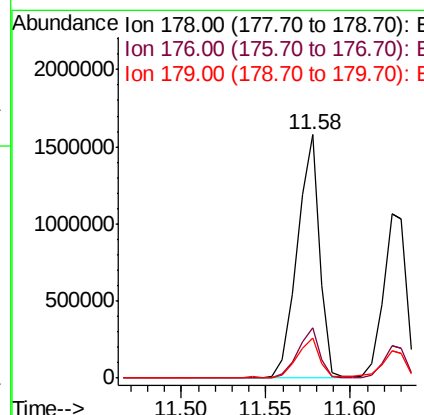
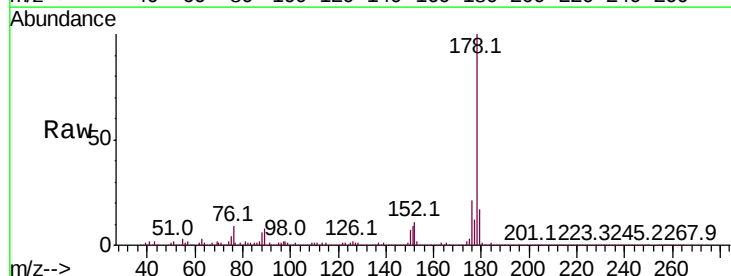
Manual Integrations
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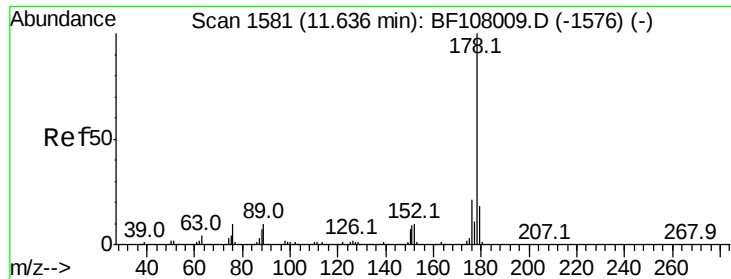
Sohil
 8/23/2018 3:43:21 PM



#70
 Phenanthrene
 Concen: 77.751 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.01 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1438745		
176	20.6		15.8	23.8
179	16.5		13.0	19.6





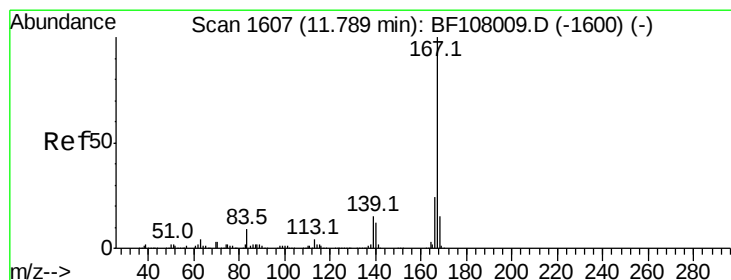
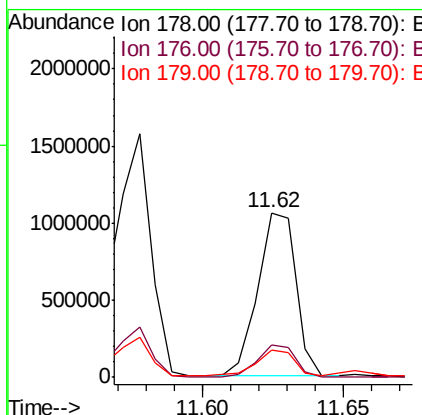
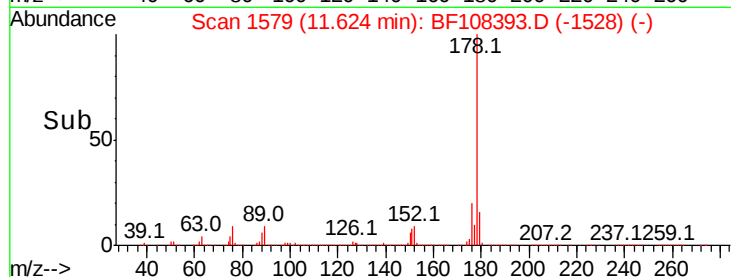
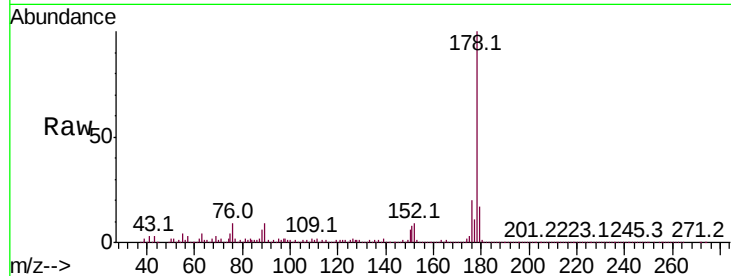
#71
 Anthracene
 Concen: 52.615 ng
 RT: 11.62 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

Tot Ion:	178	Resp:	997883
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.4	23.2
179	16.7	12.6	19.0

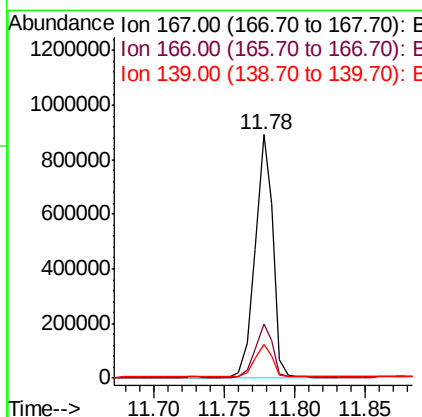
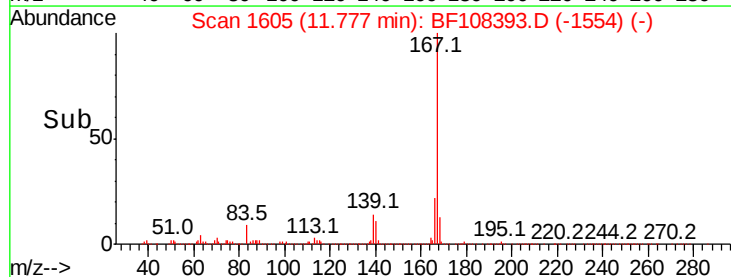
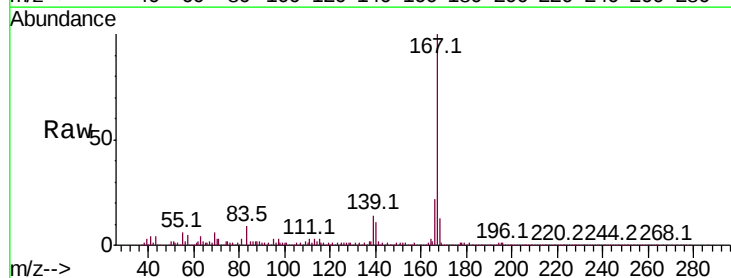
Manual Integrations
 APPROVED

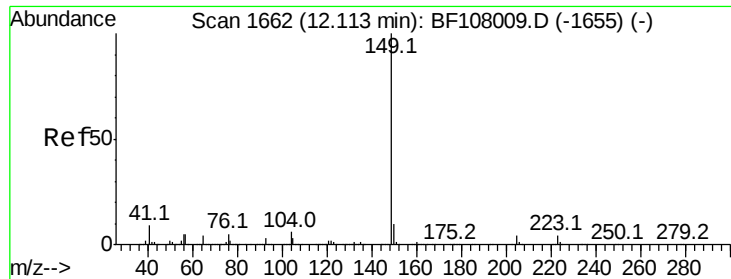
Sohil
 8/23/2018 3:43:21 PM



#72
 Carbazole
 Concen: 46.474 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Tgt Ion:	167	Resp:	783117
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.6	26.4
139	13.9	10.9	16.3





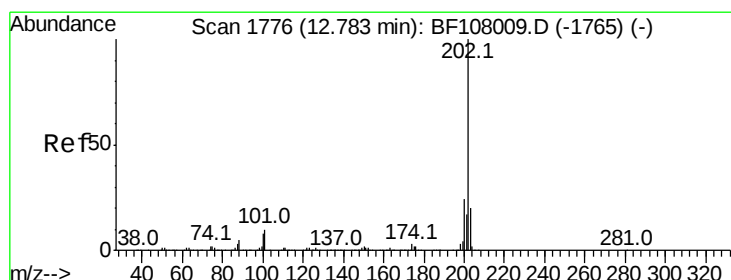
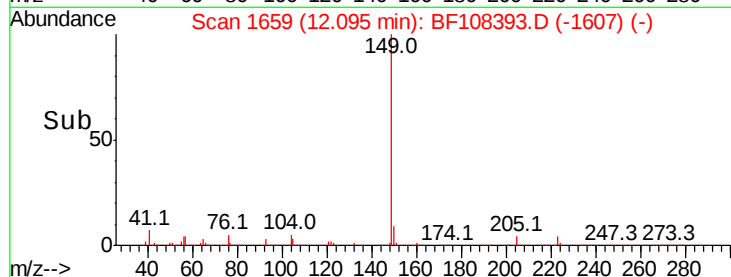
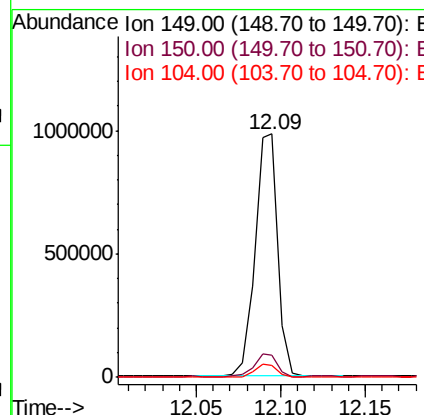
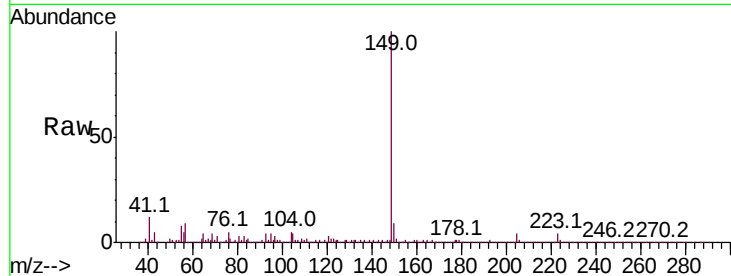
#73
Di-n-butylphthalate
Concen: 47.701 ng
RT: 12.09 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.8	11.6	
104	5.1	3.8	5.8	

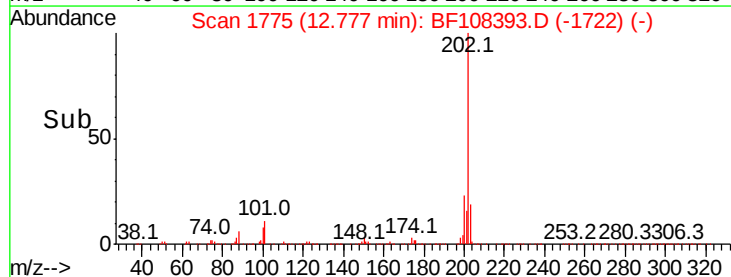
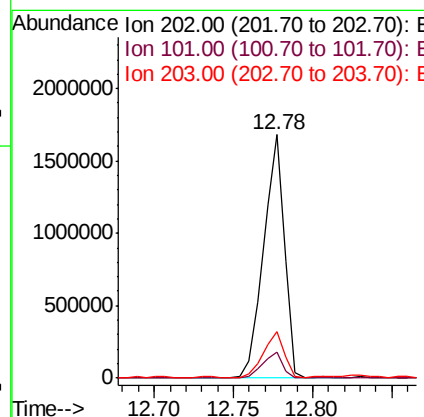
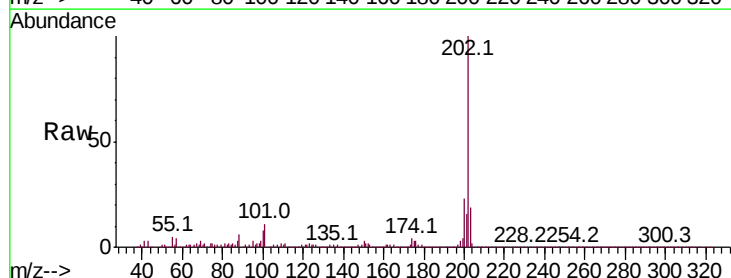
Manual Integrations
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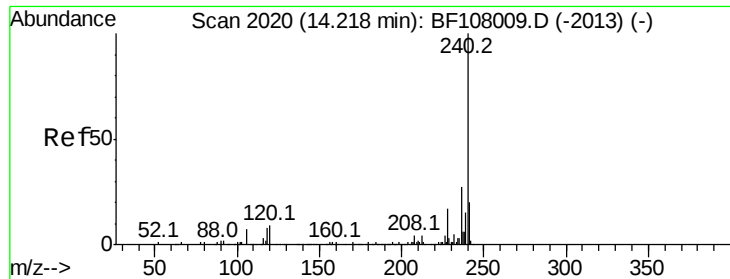
Sohil
8/23/2018 3:43:21 PM



#74
Fluoranthene
Concen: 76.412 ng
RT: 12.78 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.9	0.0	34.1	
203	19.3	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

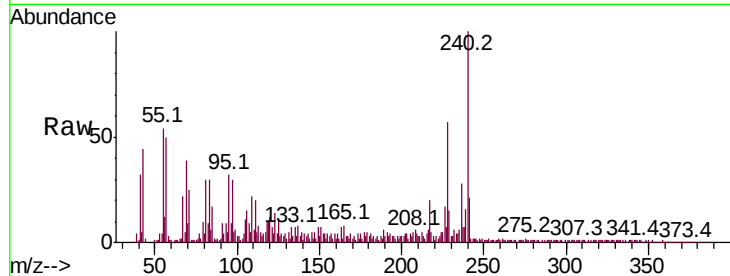
ClientSampleId :

RA-081718-WSW-20-053MS

Tot Ion:	240	Resp:	232724
Ion Ratio	Lower	Upper	
240	100		
120	12.2	9.5	14.3
236	27.9	20.7	31.1

Manual Integrations
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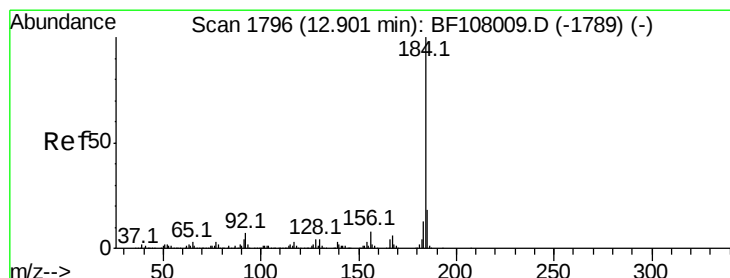
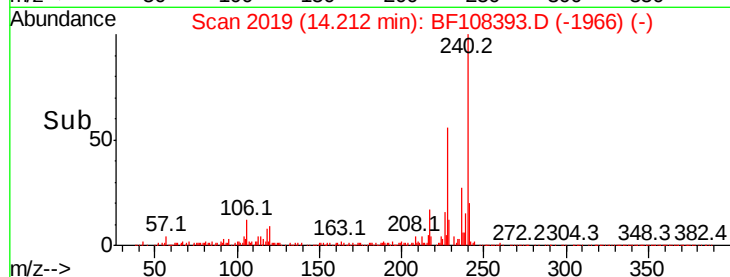
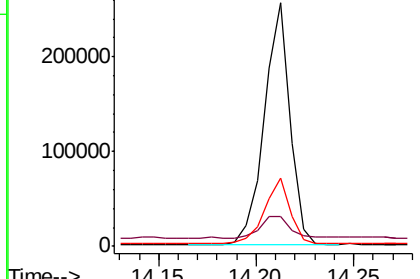
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.412 ng

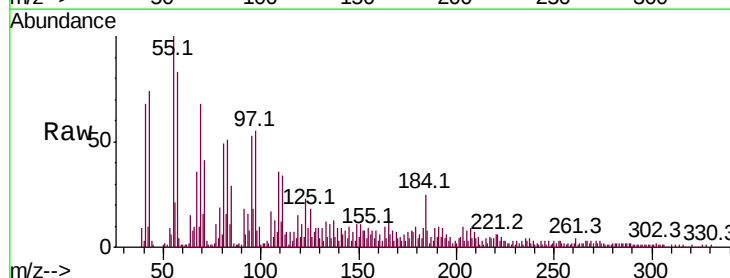
RT: 12.88 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

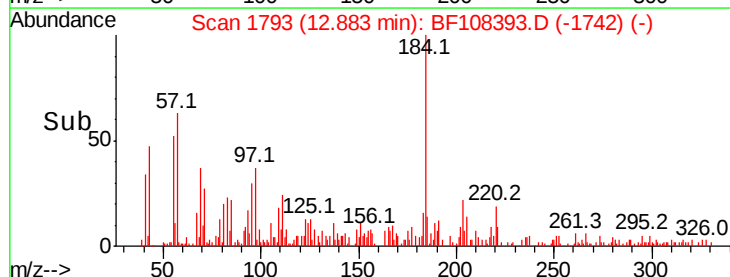
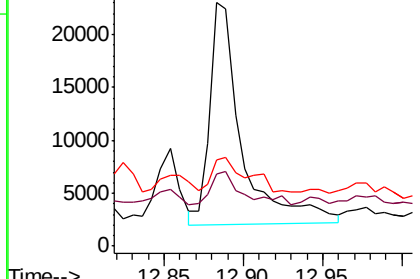
Tgt Ion:	184	Resp:	29670
Ion Ratio	Lower	Upper	
184	100		
185	29.8	12.6	18.8#
183	35.5	9.3	13.9#

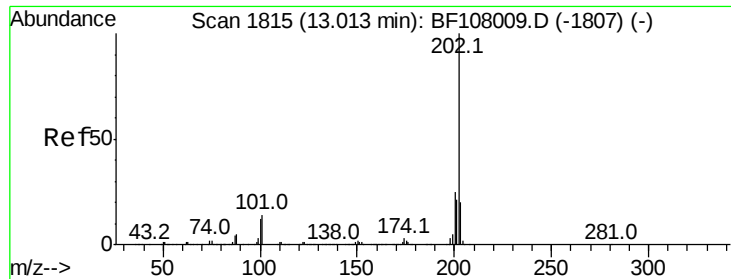


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 97.884 ng

RT: 13.01 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

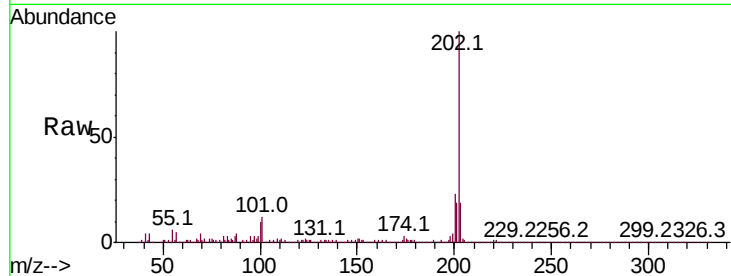
ClientSampleId :

RA-081718-WSW-20-053MS

Tot Ion:	202	Resp:	1442202
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.4	26.2
203	19.3	14.3	21.5

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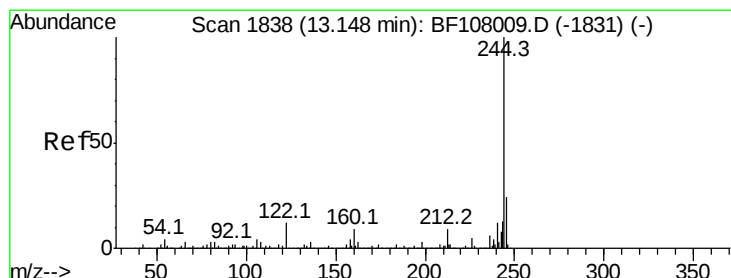
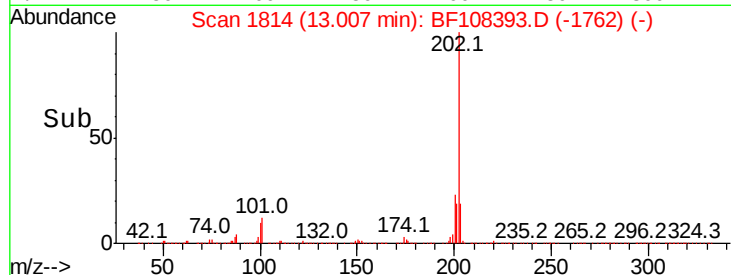
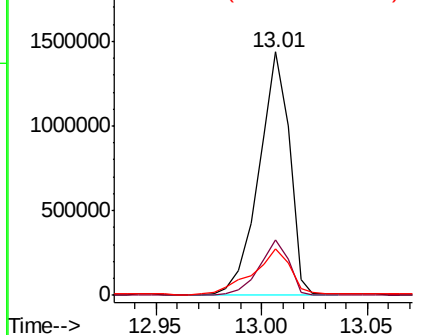


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 107.585 ng

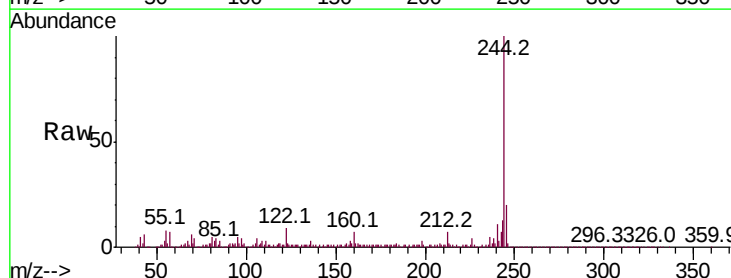
RT: 13.14 min Scan# 1836

Delta R.T. 0.01 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion:	244	Resp:	984735
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.4	8.0
122	9.3	11.0	16.4#

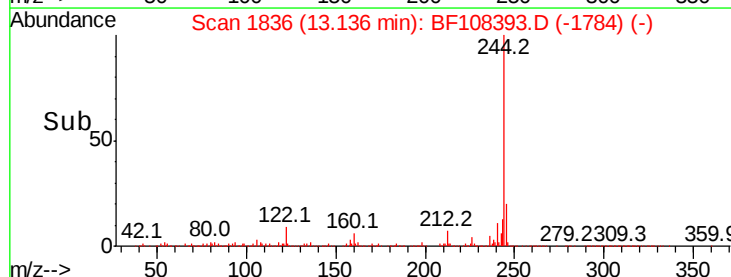
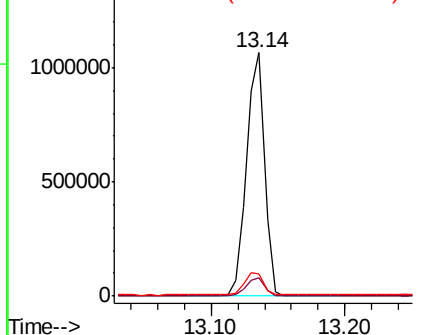


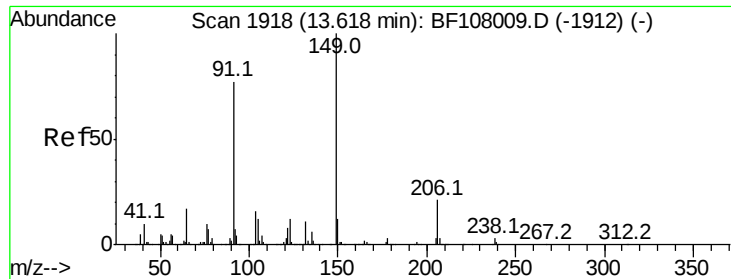
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





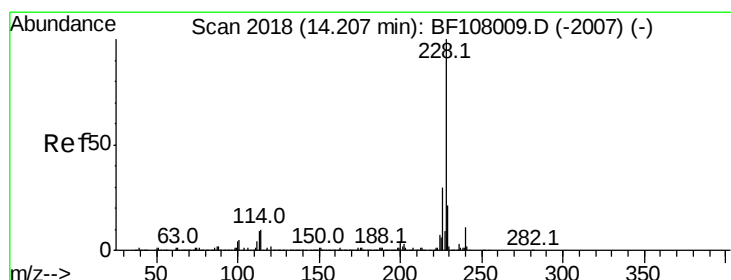
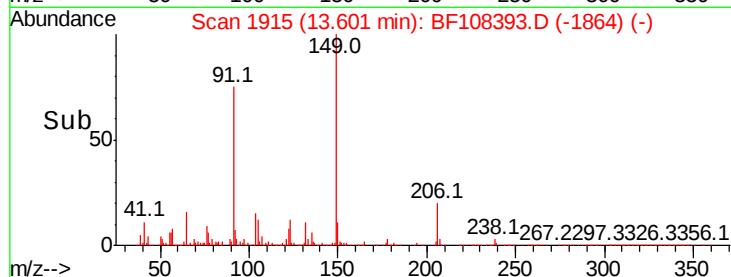
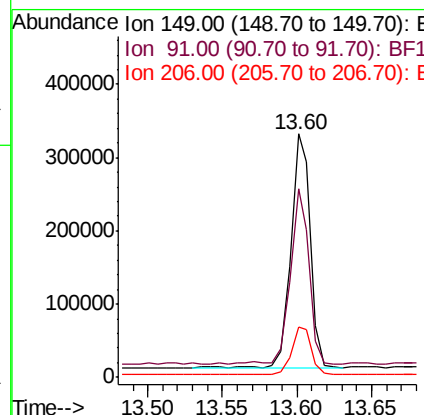
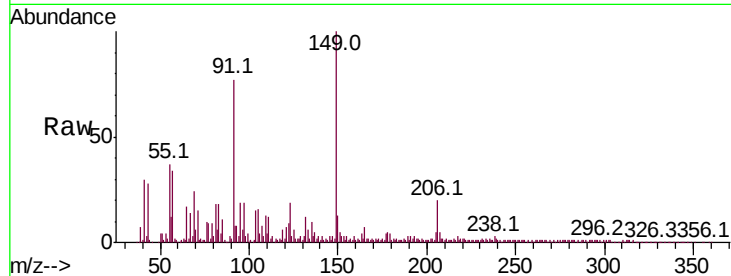
#79
Butylbenzylphthalate
Concen: 50.249 ng
RT: 13.60 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	77.2	56.8	85.2	
206	20.4	14.1	21.1	

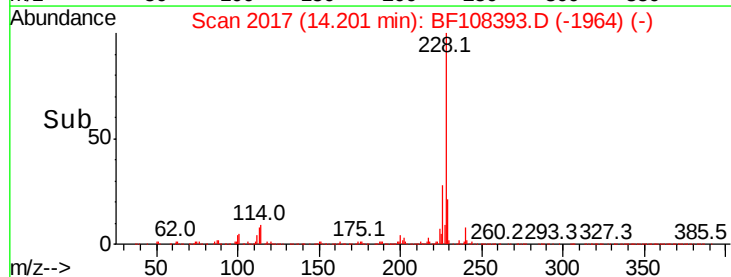
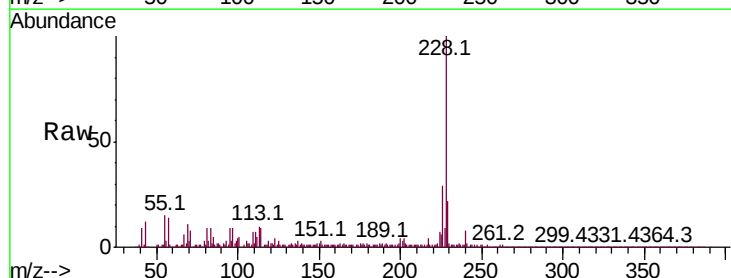
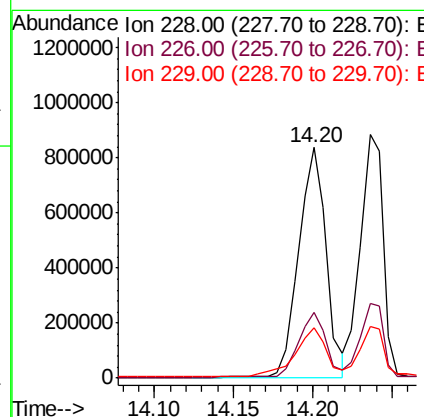
Manual Integrations
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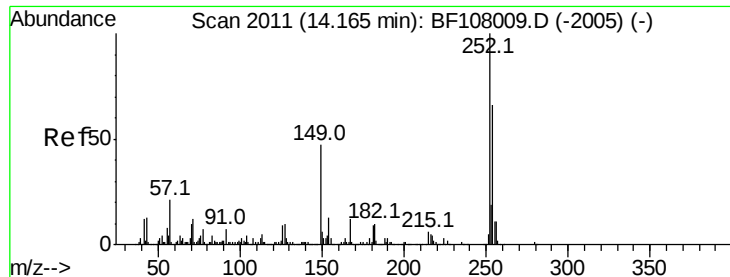
Sohil
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#80
Benzo(a)anthracene
Concen: 74.640 ng
RT: 14.20 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.7	22.6	33.8	
229	21.7	15.8	23.6	





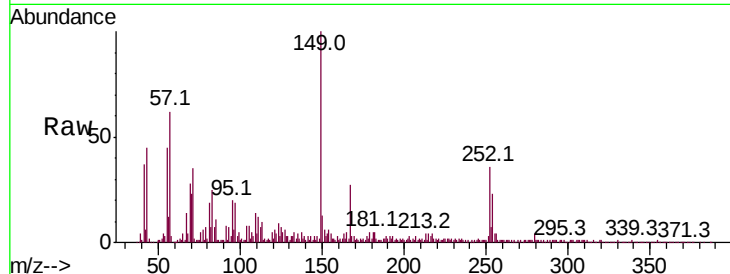
#81
 3,3'-Dichlorobenzidine
 Concen: 24.506 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. 0.01 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	117294		
254	65.0		50.4	75.6
126	14.6		11.3	16.9

Manual Integrations
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Sohil
 8/23/2018 3:43:21 PM

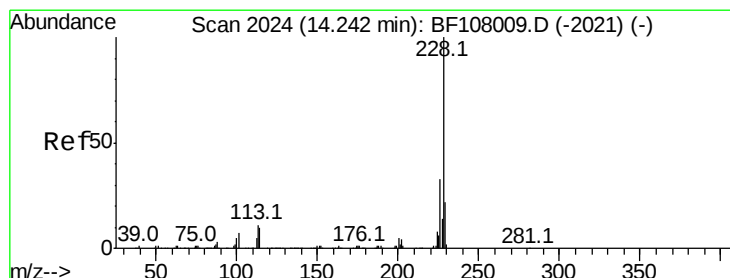
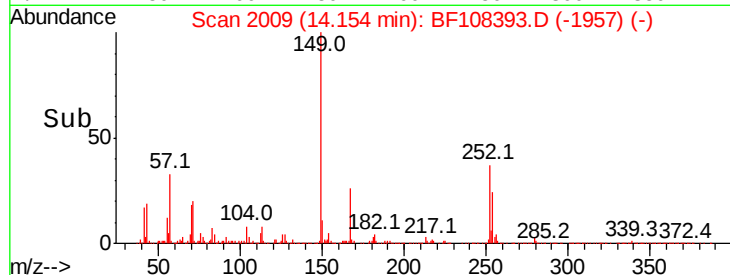
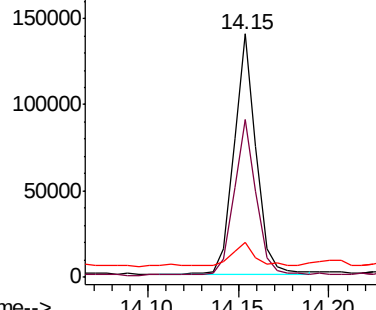


Abundance

Ion 252.00 (251.70 to 252.70): E

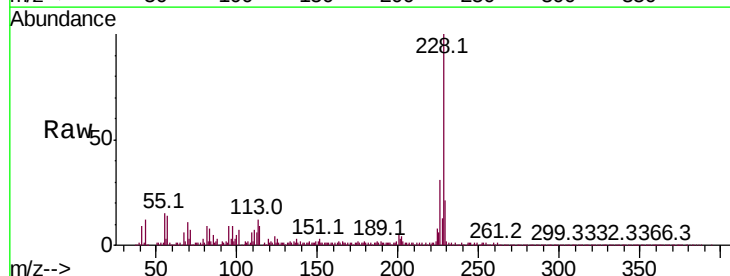
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 72.385 ng
 RT: 14.24 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	886325		
226	30.8		25.0	37.6
229	21.5		16.2	24.4

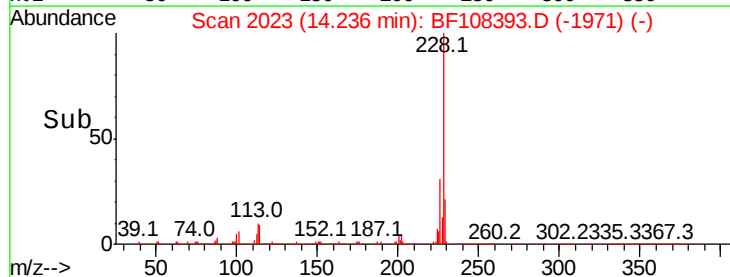
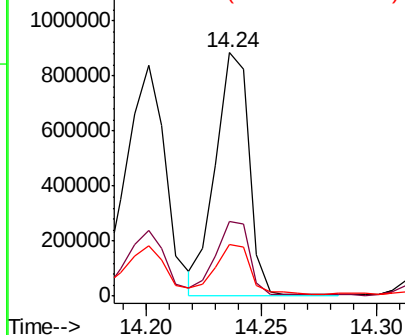


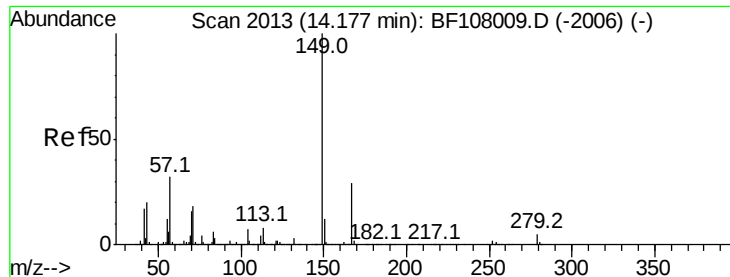
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





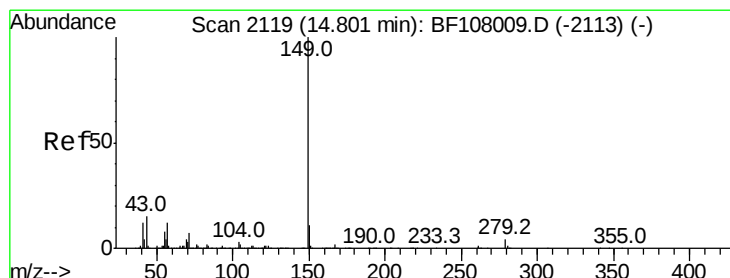
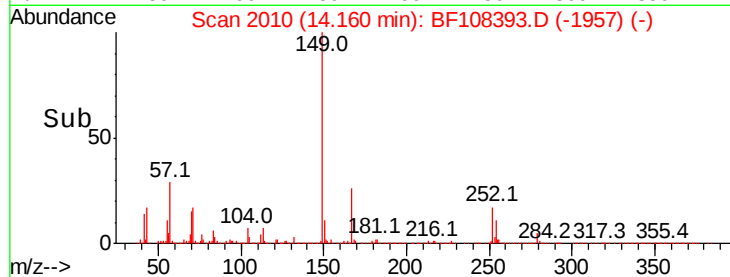
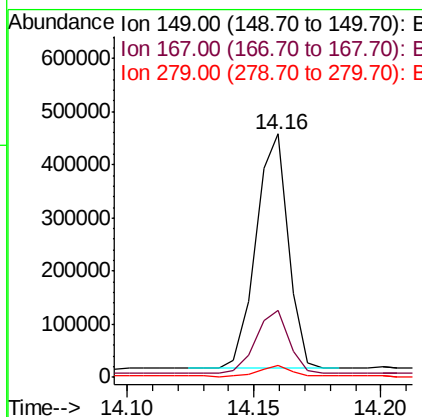
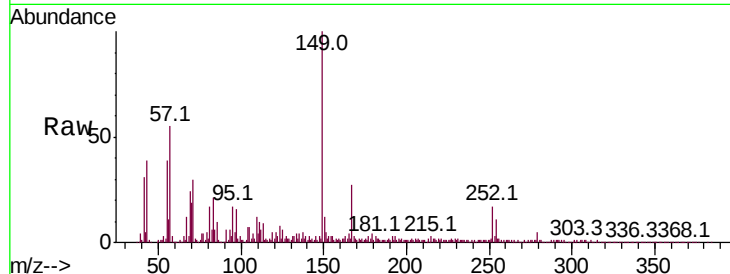
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.501 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.3	21.3	31.9	
279	4.9	3.0	4.4	

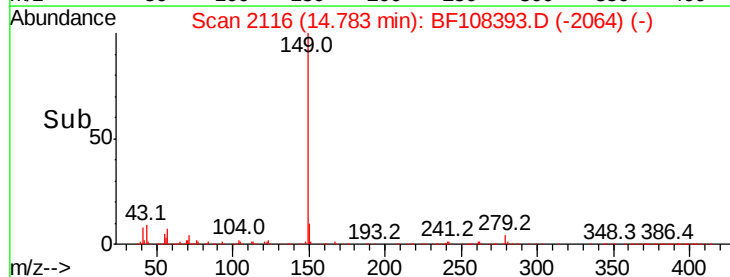
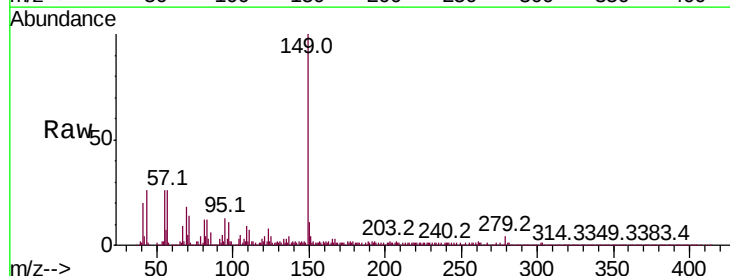
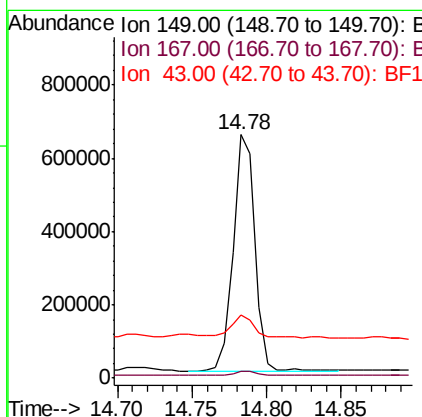
Manual Integrations
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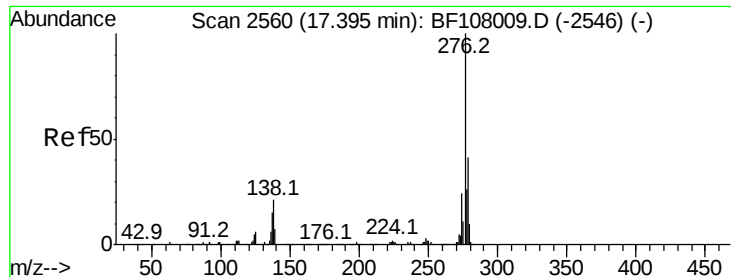
Sohil
 8/23/2018 3:43:21 PM



#84
 Di-n-octyl phthalate
 Concen: 54.374 ng
 RT: 14.78 min Scan# 2116
 Delta R.T. 0.01 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.7	1.2	1.8	
43	9.1	8.4	12.6	





#85

Indeno(1,2,3-cd)pyrene

Concen: 65.365 ng

RT: 17.42 min Scan# 2564

Delta R.T. 0.05 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

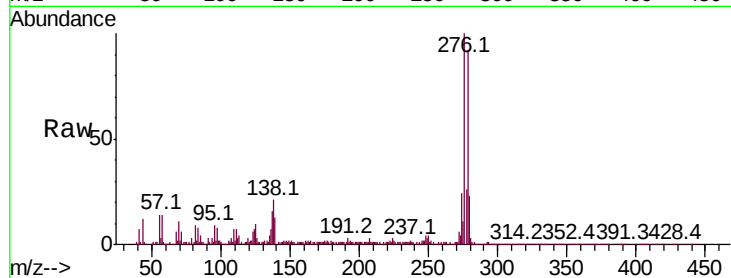
ClientSampleId :

RA-081718-WSW-20-053MS

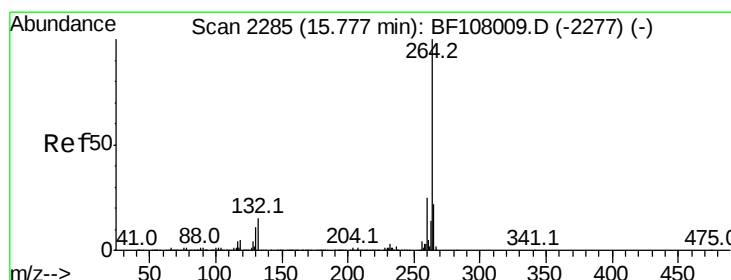
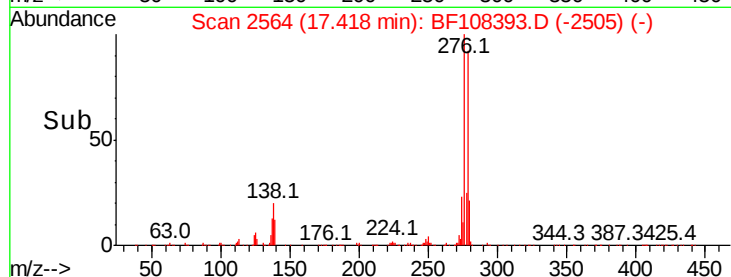
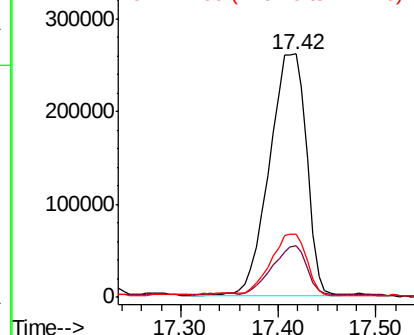
Tot Ion:	276	Resp:	693492
Ion Ratio	Lower	Upper	
276	100		
138	19.1	25.0	37.6#
277	24.9	20.1	30.1

Manual Integrations
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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

Perylene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2286

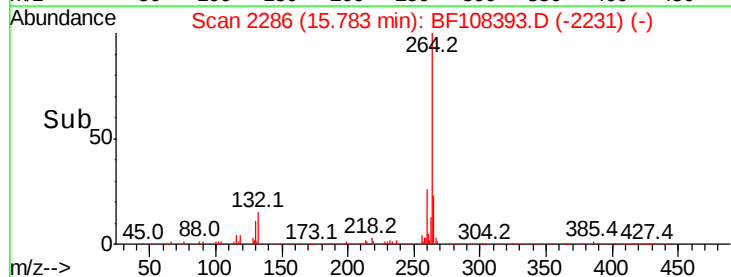
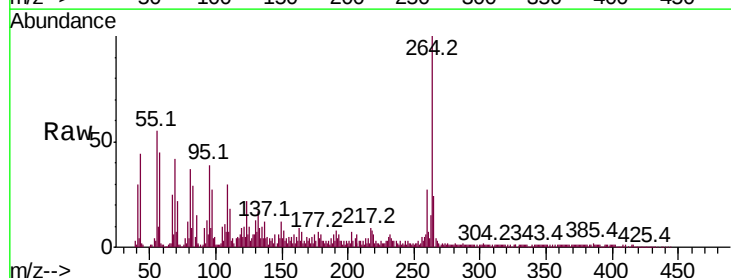
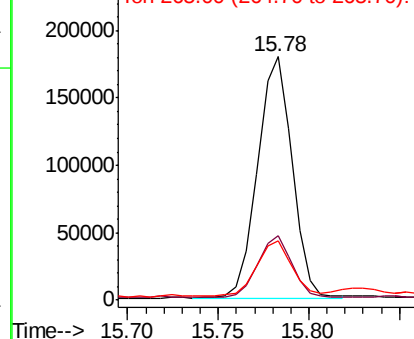
Delta R.T. 0.02 min

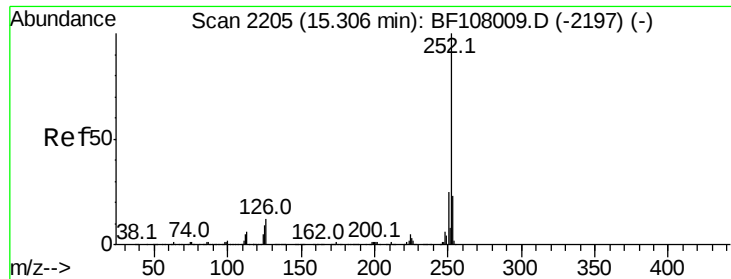
Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion:	264	Resp:	238020
Ion Ratio	Lower	Upper	
264	100		
260	26.7	19.2	28.8
265	24.5	17.5	26.3

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





#87

Benzo(b)fluoranthene

Concen: 79.466 ng

RT: 15.31 min Scan# 2206

Delta R.T. 0.02 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Instrument :

BNA_F

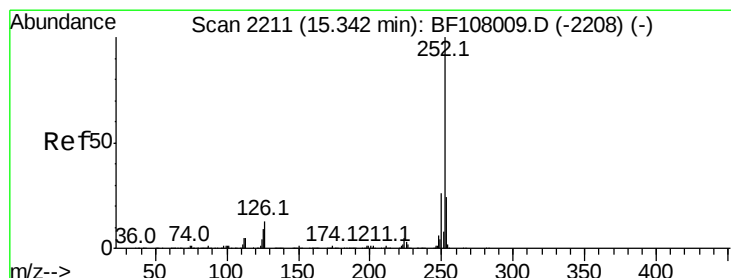
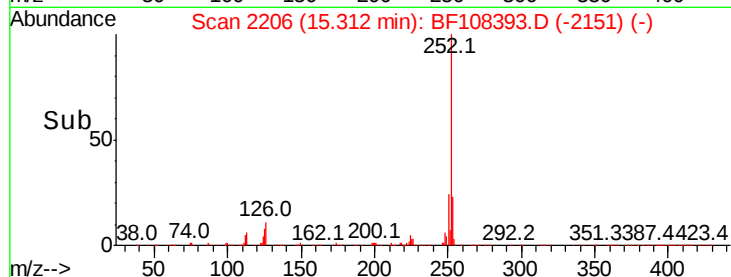
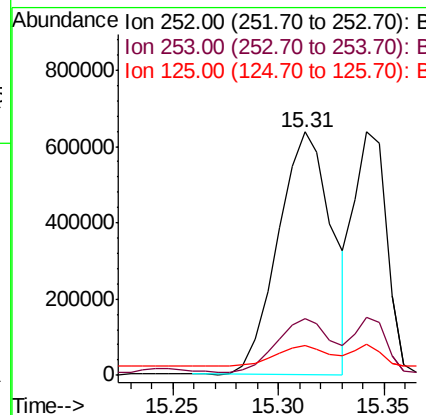
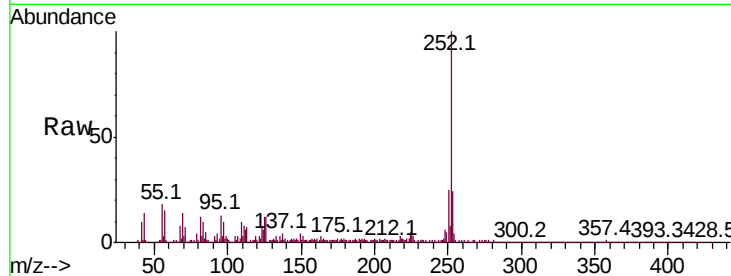
ClientSampleId :

RA-081718-WSW-20-053MS

Tot Ion:	252	Resp:	1130221
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.0	25.6
125	12.1	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 52.424 ng

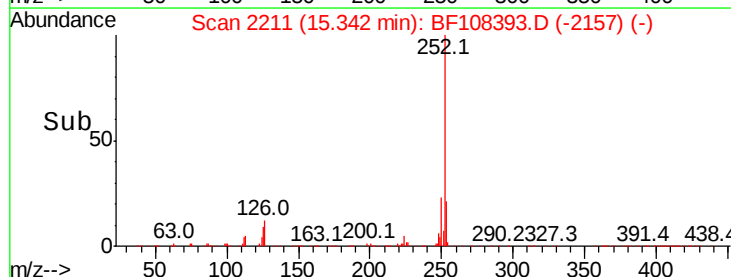
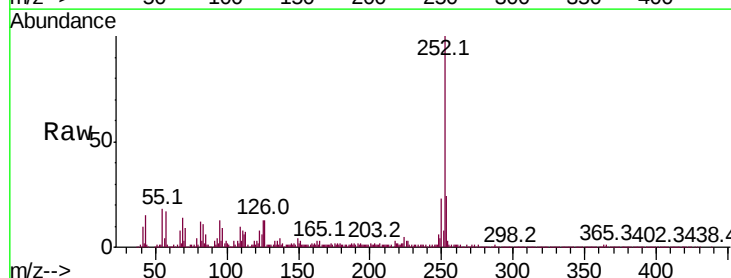
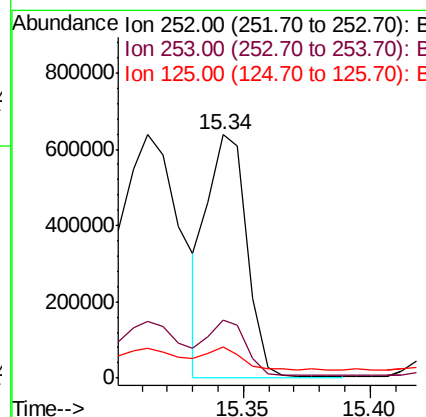
RT: 15.34 min Scan# 2211

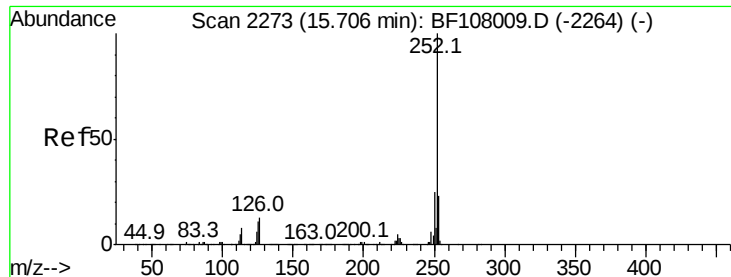
Delta R.T. 0.02 min

Lab File: BF108393.D

Acq: 22 Aug 2018 19:50

Tgt Ion:	252	Resp:	685402
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.9	26.9
125	12.5	10.2	15.2





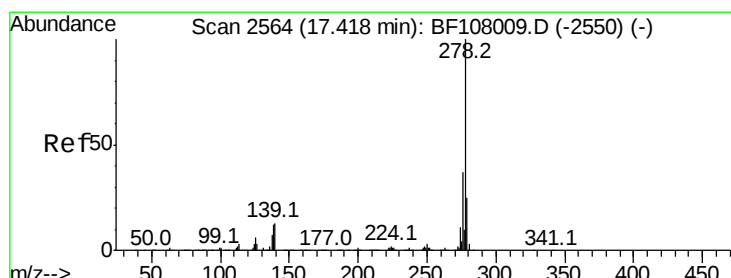
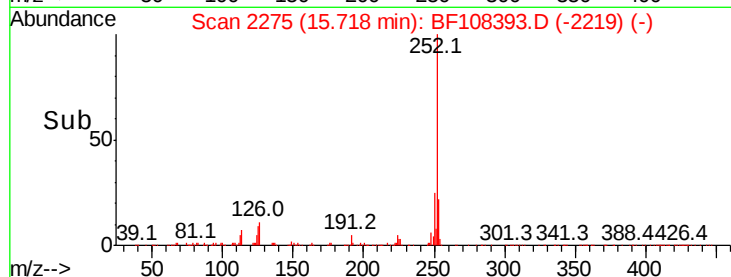
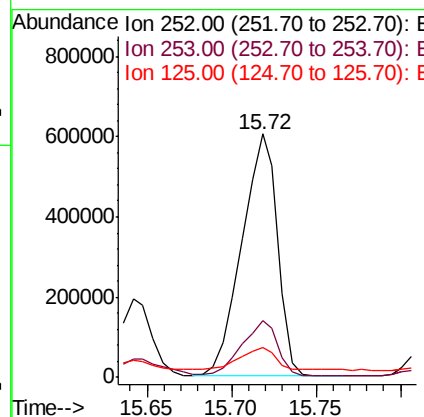
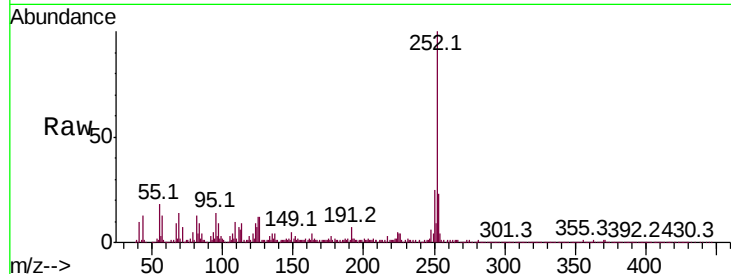
#89
Benzo(a)pyrene
Concen: 69.785 ng
RT: 15.72 min Scan# 2275
Delta R.T. 0.03 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Instrument :
BNA_F
ClientSampleId :
RA-081718-WSW-20-053MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	12.4	9.8	14.6

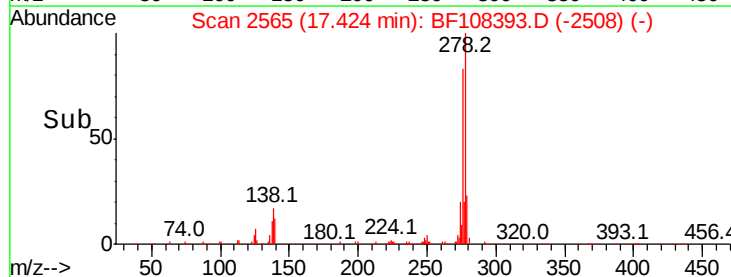
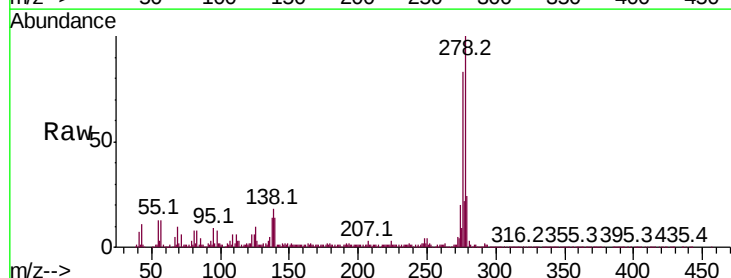
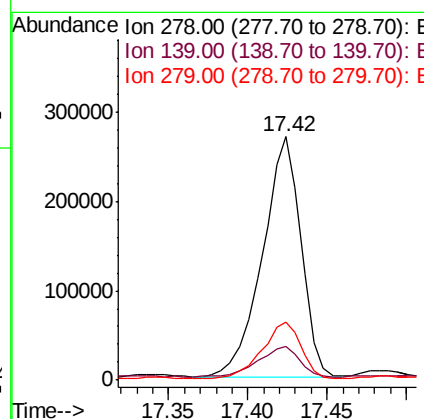
Manual Integrations
APPROVED

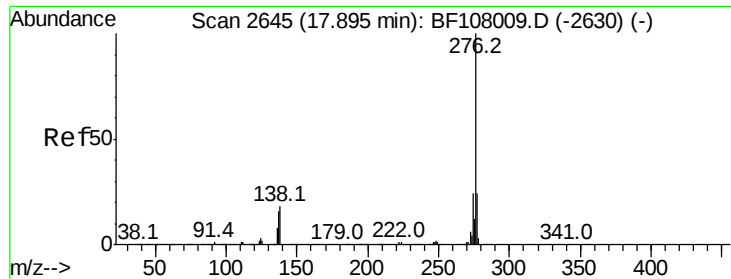
Sohil
8/23/2018 3:43:21 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.050 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.04 min
Lab File: BF108393.D
Acq: 22 Aug 2018 19:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	15.9	23.9#
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 55.250 ng
 RT: 17.91 min Scan# 2647
 Delta R.T. 0.04 min
 Lab File: BF108393.D
 Acq: 22 Aug 2018 19:50

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-WSW-20-053MS

Tot Ion:	276	Resp:	573294
Ion Ratio	Lower	Upper	
276	100		
277	23.4	17.9	26.9
138	17.5	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 8/23/2018 3:43:21 PM

