

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107314.D
 Acq On : 11 Jul 2018 21:33
 Operator : JU/SJ
 Sample : J3933-12MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MS

Manual Integrations
 APPROVED

Quant Time: Jul 12 03:32:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	72179	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	255049	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	112683	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	208061	20.00	ng	0.00
75) Chrysene-d12	14.15	240	158794	20.00	ng	0.01
86) Perylene-d12	15.69	264	131886	20.00	ng	0.02

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System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	416805	97.78	ng	0.02
7) Phenol-d6	6.60	99	507838	95.40	ng	0.02
23) Nitrobenzene-d5	7.51	82	322210	70.21	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	126789	97.08	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	531567	78.77	ng	0.00
78) Terphenyl-d14	13.07	244	578989	88.32	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.80	88	54915	25.059	ng	96
3) Pyridine	3.59	79	159111	26.771	ng	97
4) n-Nitrosodimethylamine	3.55	42	70148	27.789	ng	84
6) Aniline	6.61	93	72508	10.042	ng	# 1
8) 2-Chlorophenol	6.73	128	147606	31.572	ng	98
9) Benzaldehyde	6.49	77	99217	24.663	ng	99
10) Phenol	6.61	94	202901	33.400	ng	93
11) bis(2-Chloroethyl)ether	6.67	93	157446	31.394	ng	98
12) 1,3-Dichlorobenzene	6.88	146	175262	32.007	ng	97
13) 1,4-Dichlorobenzene	6.95	146	176348	31.855	ng	97
14) 1,2-Dichlorobenzene	7.11	146	160791	31.692	ng	97
15) Benzyl Alcohol	7.08	79	117876	27.578	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	214185	32.550	ng	# 27
17) 2-Methylphenol	7.21	107	123057	30.757	ng	# 87
18) Hexachloroethane	7.44	117	42687	21.927	ng	92
19) n-Nitroso-di-n-propylamine	7.35	70	108993	31.062	ng	92
20) 3+4-Methylphenols	7.36	107	174159	38.802	ng	94
22) Acetophenone	7.34	105	213437	37.405	ng	# 97
24) Nitrobenzene	7.52	77	157846	33.688	ng	100
25) Isophorone	7.76	82	286939	35.481	ng	99
26) 2-Nitrophenol	7.84	139	53110	24.011	ng	99
27) 2,4-Dimethylphenol	7.88	122	128771	37.665	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	185131	34.095	ng	# 86
29) 2,4-Dichlorophenol	8.10	162	128413	35.876	ng	95
30) 1,2,4-Trichlorobenzene	8.16	180	143292	36.340	ng	96
31) Naphthalene	8.24	128	477894	40.077	ng	99
32) Benzoic acid	7.98	122	6412m	8.002	ng	
33) 4-Chloroaniline	8.30	127	39287	7.852	ng	97
34) Hexachlorobutadiene	8.34	225	97040	37.769	ng	98
35) Caprolactam	8.67	113	36096m	30.937	ng	
36) 4-Chloro-3-methylphenol	8.80	107	118479	31.448	ng	99
37) 2-Methylnaphthalene	8.94	142	296297	37.488	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	145279	38.284	ng	# 96
42) 2,4,6-Trichlorophenol	9.22	196	80111	31.759	ng	94

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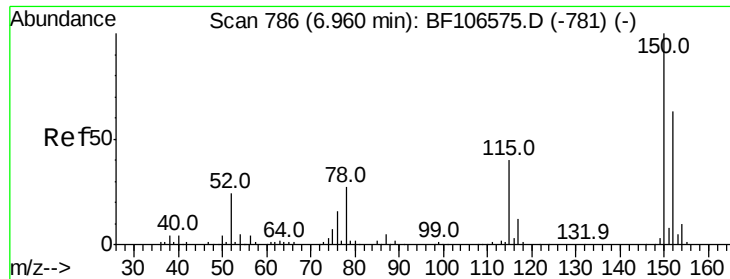
Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MS

Manual Integrations
 APPROVED

Quant Time: Jul 12 03:32:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.28	196	74366	28.253	nq	# 86
45) 1,1'-Biphenyl	9.40	154	335914	37.406	nq	97
46) 2-Chloronaphthalene	9.43	162	233983	33.101	nq	95
47) 2-Nitroaniline	9.54	65	79185	33.313	nq	96
48) Acenaphthylene	9.85	152	422225	37.833	nq	99
49) Dimethylphthalate	9.70	163	388376	45.954	nq	97
50) 2,6-Dinitrotoluene	9.77	165	50117	28.005	nq	95
51) Acenaphthene	10.02	154	245865	34.985	nq	98
52) 3-Nitroaniline	9.95	138	60534	29.395	nq	99
53) 2,4-Dinitrophenol	10.09	184	119	5.472	nq	# 28
54) Dibenzofuran	10.19	168	346903	36.049	nq	97
55) 4-Nitrophenol	10.14	139	48921	34.033	nq	93
56) 2,4-Dinitrotoluene	10.19	165	53778	23.022	nq	# 93
57) Fluorene	10.54	166	273241	35.782	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	63359	30.282	nq	# 76
59) Diethylphthalate	10.40	149	261051	32.003	nq	# 95
60) 4-Chlorophenyl-phenylether	10.52	204	134664	33.704	nq	# 87
61) 4-Nitroaniline	10.57	138	61725	30.201	nq	93
62) Azobenzene	10.68	77	224967	28.007	nq	92
65) n-Nitrosodiphenylamine	10.64	169	213437	30.499	nq	99
66) 4-Bromophenyl-phenylether	11.01	248	86561	34.860	nq	# 82
67) Hexachlorobenzene	11.09	284	87534	33.681	nq	# 87
68) Atrazine	11.17	200	64966	29.202	nq	95
69) Pentachlorophenol	11.30	266	39929	30.792	nq	97
70) Phenanthrene	11.51	178	772012	76.930	nq	99
71) Anthracene	11.57	178	454639	44.385	nq	100
72) Carbazole	11.72	167	362026	37.751	nq	98
73) Di-n-butylphthalate	12.02	149	366369	32.428	nq	98
74) Fluoranthene	12.72	202	1280494	115.769	nq	95
76) Benzidine	12.83	184	83648	18.496	nq	96
77) Pyrene	12.95	202	1194305	114.054	nq	99
79) Butylbenzylphthalate	13.54	149	159416	37.028	nq	# 94
80) Benzo(a)anthracene	14.14	228	828015	85.556	nq	97
81) 3,3'-Dichlorobenzidine	14.09	252	71722	21.086	nq	# 96
82) Chrysene	14.18	228	696050	78.175	nq	98
83) Bis(2-ethylhexyl)phthalate	14.09	149	243583	44.254	nq	# 95
84) Di-n-octyl phthalate	14.71	149	363667	40.533	nq	# 94
85) Indeno(1,2,3-cd)pyrene	17.31	276	478522	63.330	nq	# 87
87) Benzo(b)fluoranthene	15.24	252	790655	96.507	nq	# 96
88) Benzo(k)fluoranthene	15.27	252	365486m	46.846	nq	
89) Benzo(a)pyrene	15.64	252	577071m	79.234	nq	
90) Dibenzo(a,h)anthracene	17.31	278	255686	41.424	nq	# 93
91) Benzo(g,h,i)perylene	17.79	276	439932	72.921	nq	# 90

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



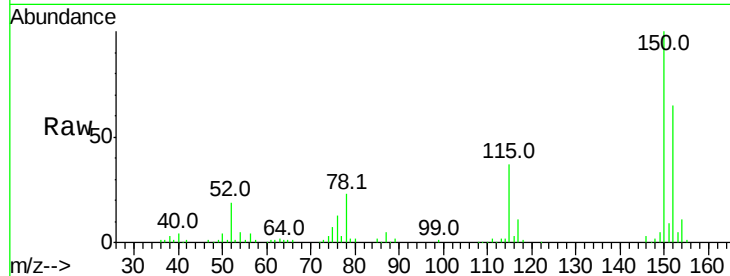
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 782
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

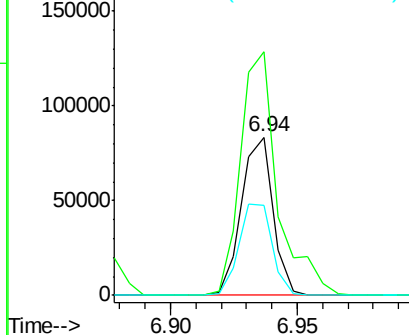
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	56.9	50.1	75.1

Manual Integrations
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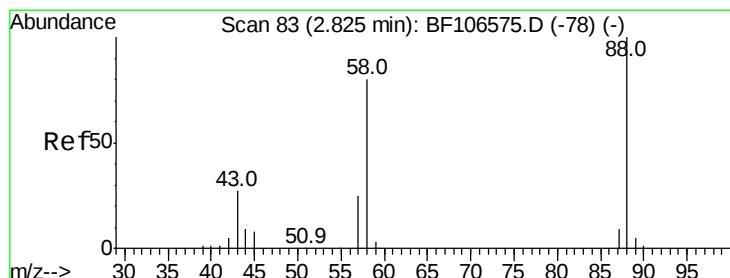
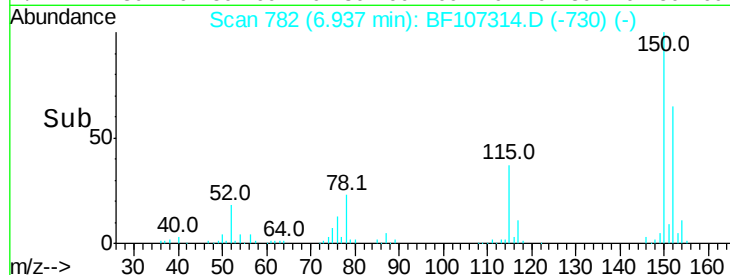


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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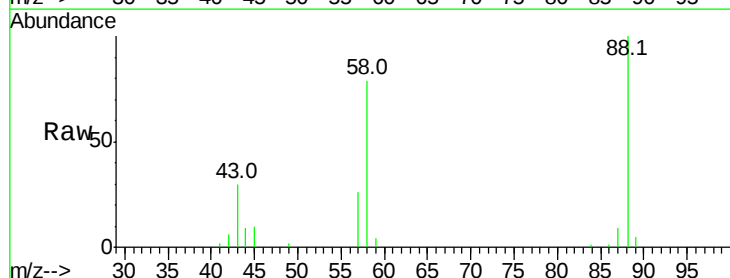
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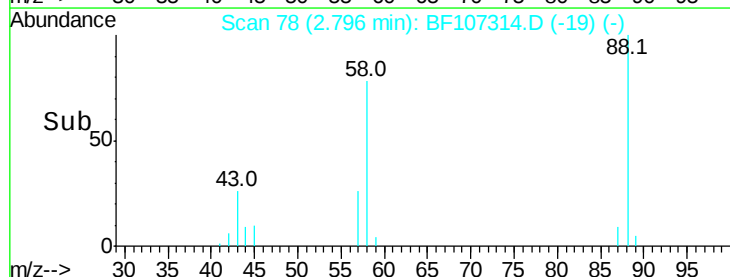
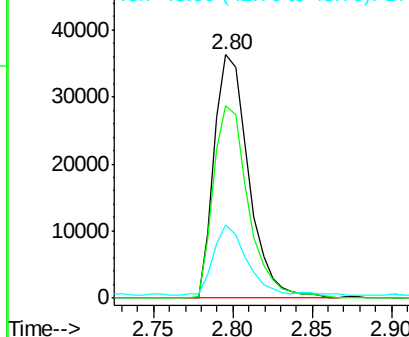
#2

1,4-Dioxane
Concen: 25.059 ng
RT: 2.80 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.5	62.6	93.8
43	26.8	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



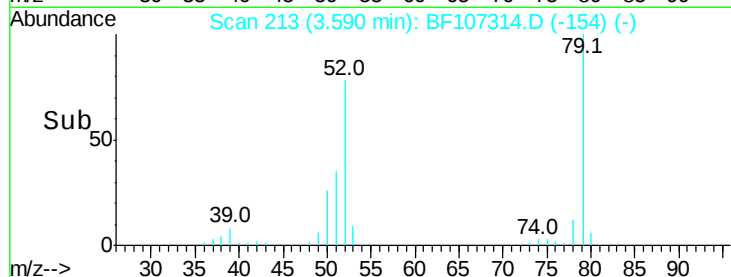
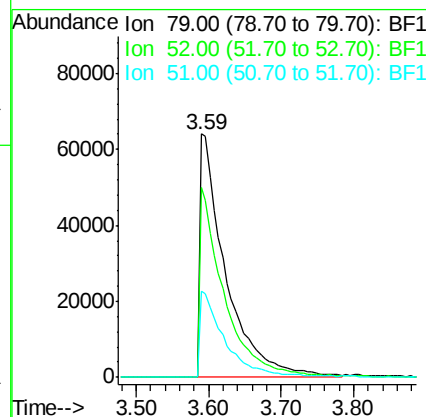
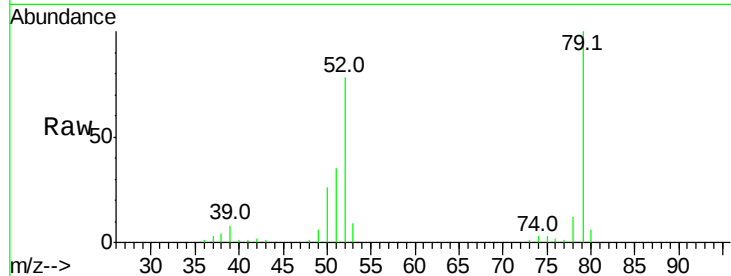


#3
 Pvridine
 Concen: 26.771 ng
 RT: 3.59 min Scan# 213
 Delta R.T. 0.05 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MS

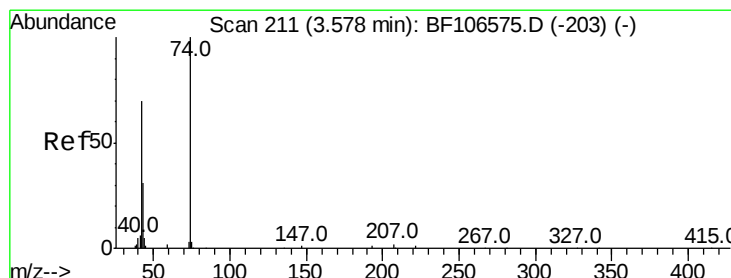
Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	77.7	59.8		89.6	
51	35.5	29.8		44.8	

Manual Integrations
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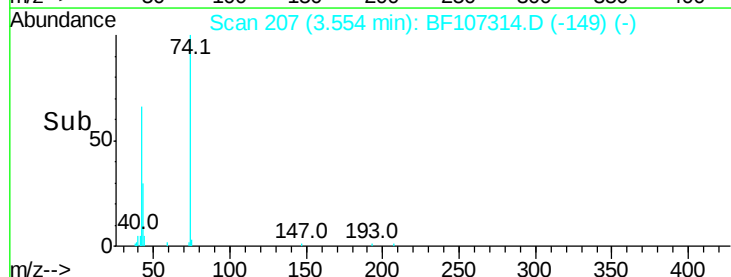
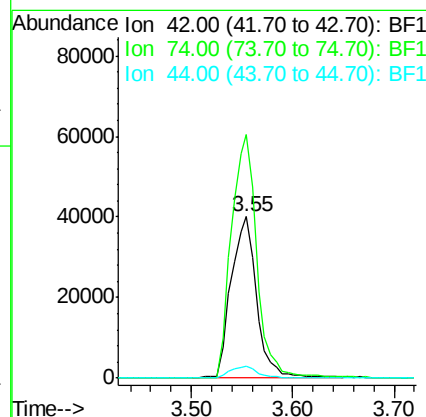
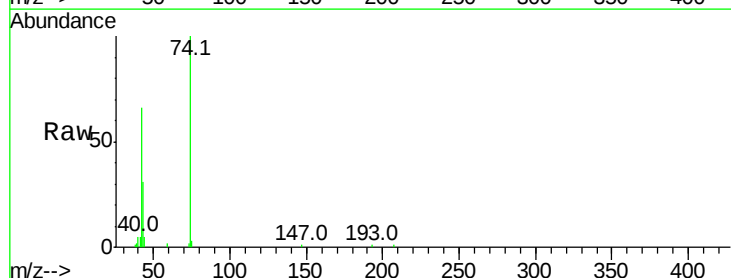
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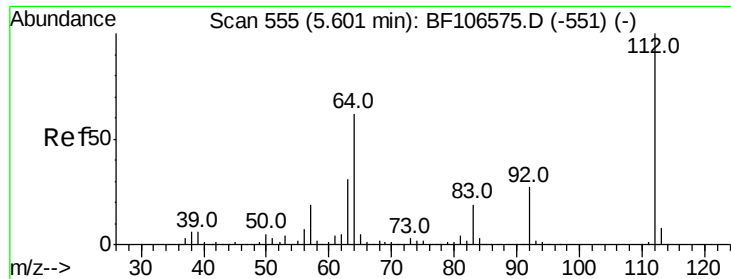
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#4
 n-Nitrosodimethylamine
 Concen: 27.789 ng
 RT: 3.55 min Scan# 207
 Delta R.T. 0.04 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	150.7	104.9		157.3	
44	7.4	6.9		10.3	





#5

2-Fluorophenol

Concen: 97.782 ng

RT: 5.58 min Scan# 552

Delta R.T. 0.02 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

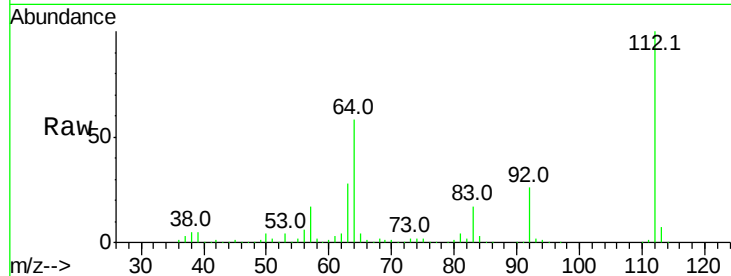
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ClientSampleId :

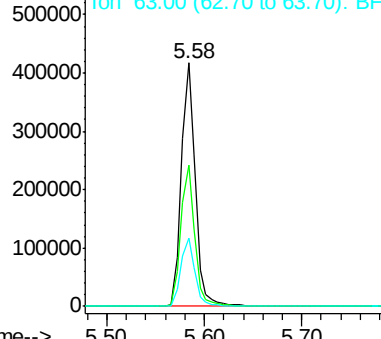
EP-12-W1MS

Tot Ion:	112	Resp:	416805
Ion Ratio	Lower	Upper	
112	100		
64	57.8	47.9	71.9
63	28.2	23.7	35.5

Manual Integrations
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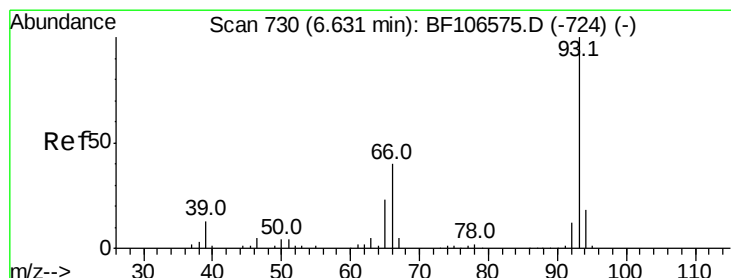
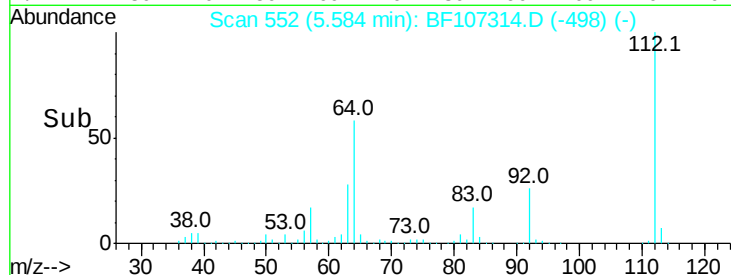


Abundance Ion 112.00 (111.70 to 112.70): BF1



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#6

Aniline

Concen: 10.042 ng

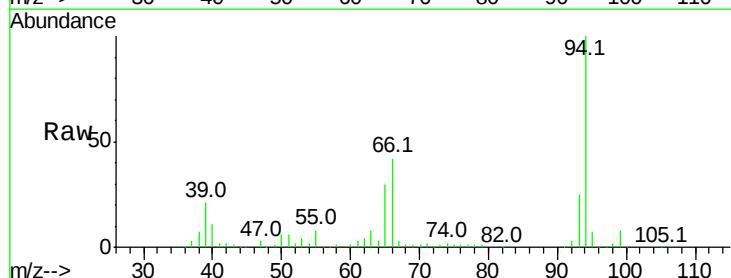
RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

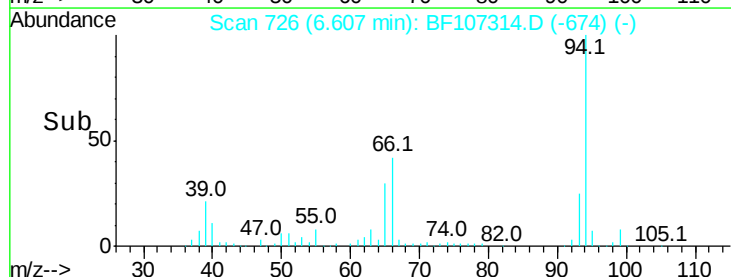
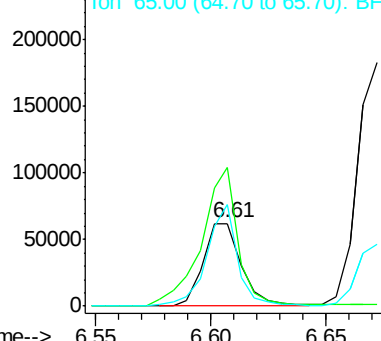
Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Tgt Ion:	93	Resp:	72508
Ion Ratio	Lower	Upper	
93	100		
66	168.1	32.2	48.2#
65	122.1	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 95.402 ng

RT: 6.60 min Scan# 724

Delta R.T. 0.02 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

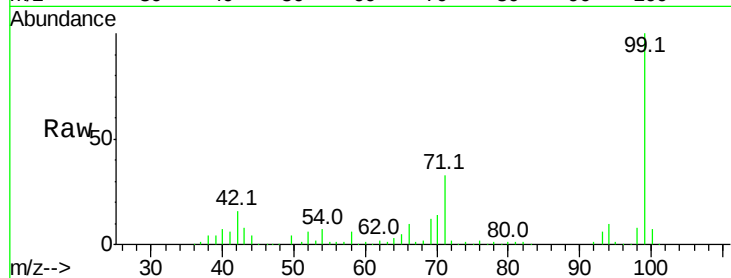
BNA_F

ClientSampled :

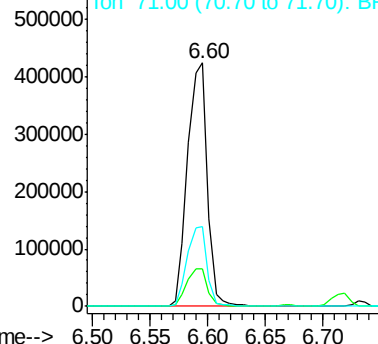
EP-12-W1MS

Tot Ion:	99	Resp:	507838
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.5	21.7
71	32.8	25.4	38.0

Manual Integrations
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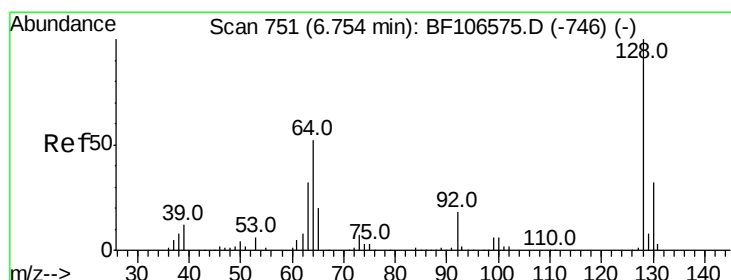
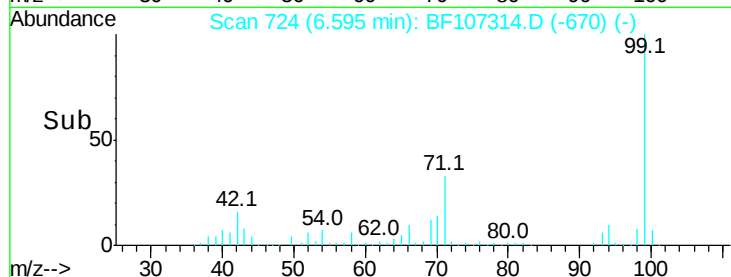


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



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#8

2-Chlorophenol

Concen: 31.572 ng

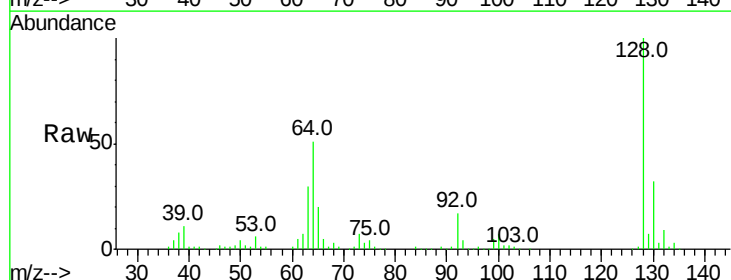
RT: 6.73 min Scan# 747

Delta R.T. 0.01 min

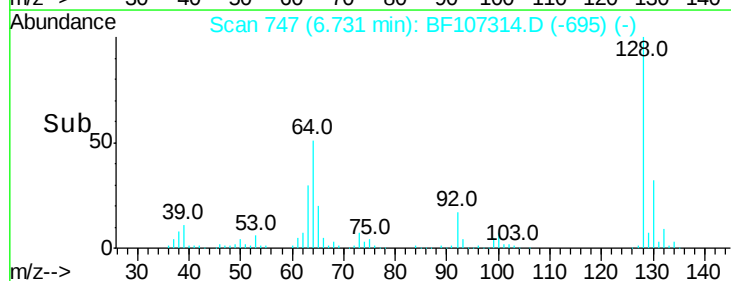
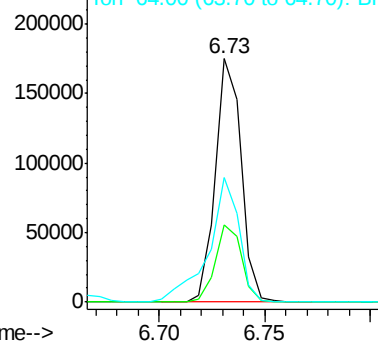
Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Tgt Ion:	128	Resp:	147606
Ion Ratio	Lower	Upper	
128	100		
130	32.0	13.0	53.0
64	51.1	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: 24.663 ng

RT: 6.49 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

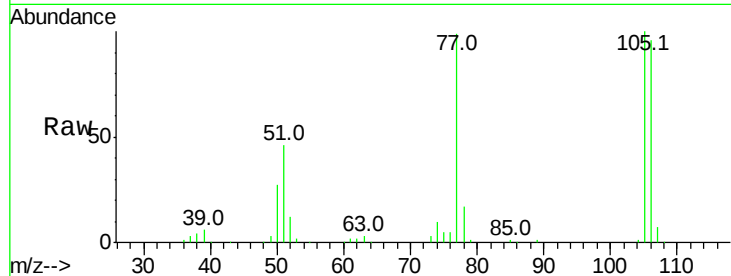
BNA_F

ClientSampleId :

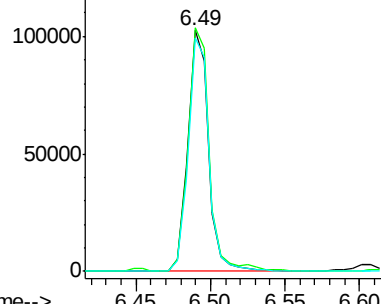
EP-12-W1MS

Tot Ion: 77 Resp: 99217
 Ion Ratio Lower Upper
 77 100
 105 101.1 81.1 121.1
 106 96.7 74.5 114.5

Manual Integrations
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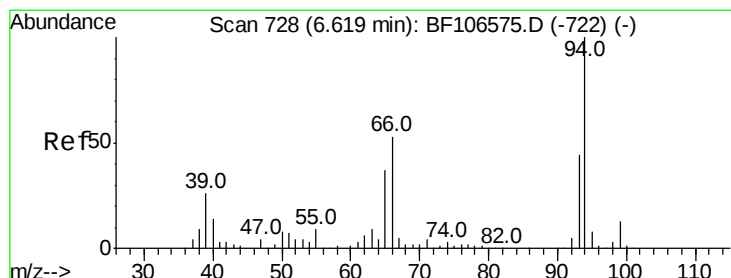
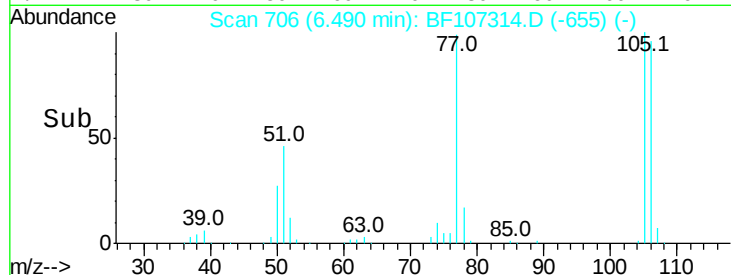


Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 106.00 (105.70 to 106.70): BF1



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#10

Phenol

Concen: 33.400 ng

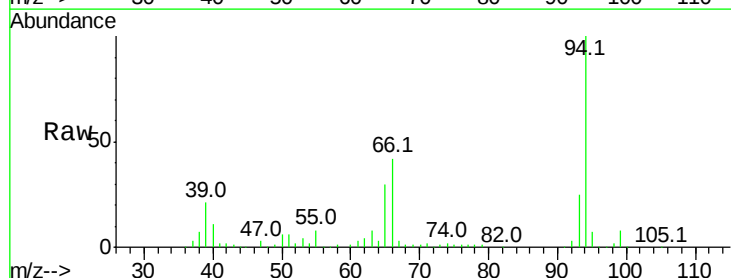
RT: 6.61 min Scan# 726

Delta R.T. 0.02 min

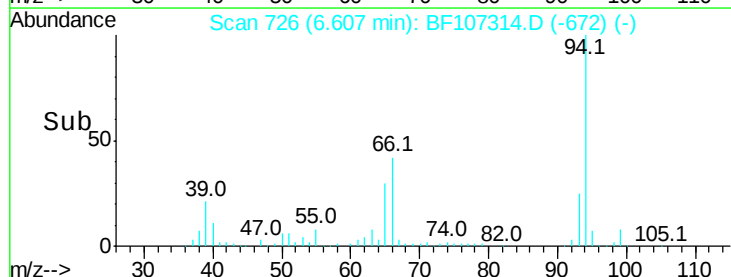
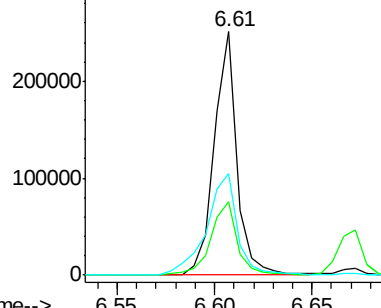
Lab File: BF107314.D

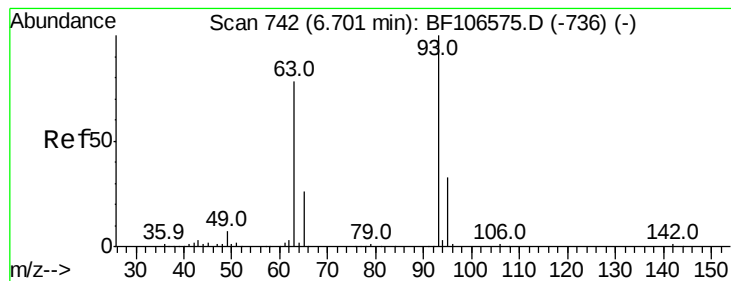
Acq: 11 Jul 2018 21:33

Tgt Ion: 94 Resp: 202901
 Ion Ratio Lower Upper
 94 100
 65 30.2 7.9 47.9
 66 41.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1



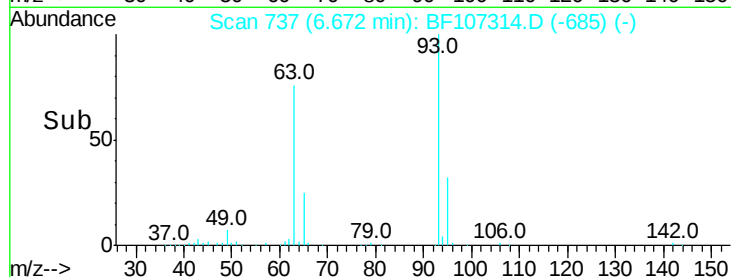
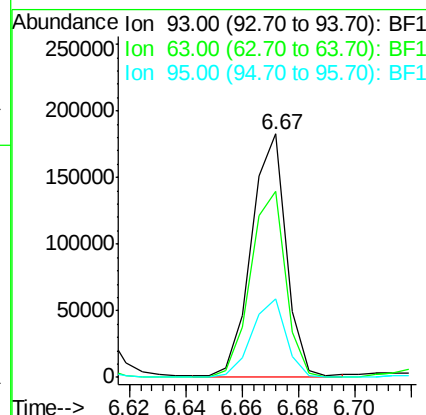
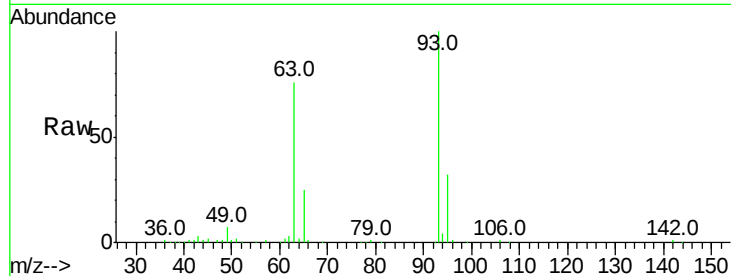


#11
bis(2-Chloroethyl)ether
Concen: 31.394 ng
RT: 6.67 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

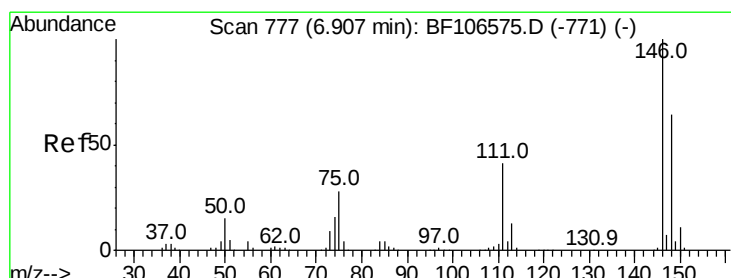
Tot Ion:	93	Resp:	157446
Ion	Ratio	Lower	Upper
93	100		
63	76.5	58.6	98.6
95	32.3	11.8	51.8

Manual Integrations
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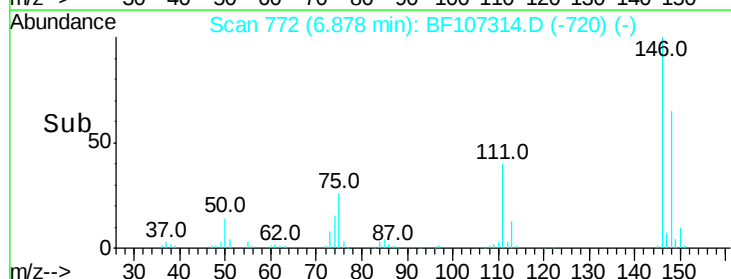
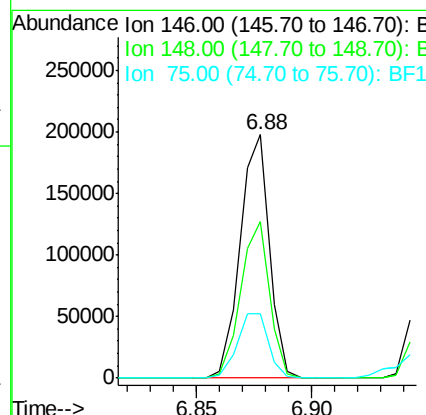
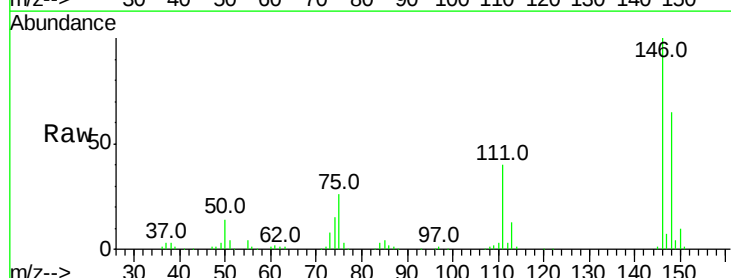
Sohil

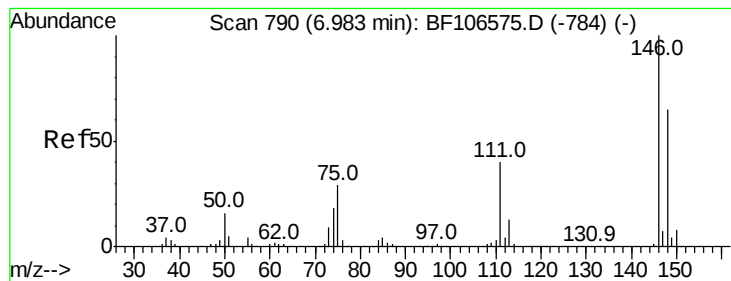
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#12
1,3-Dichlorobenzene
Concen: 32.007 ng
RT: 6.88 min Scan# 772
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion:	146	Resp:	175262
Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	26.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 31.855 ng

RT: 6.95 min Scan# 785

Delta R.T. 0.01 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

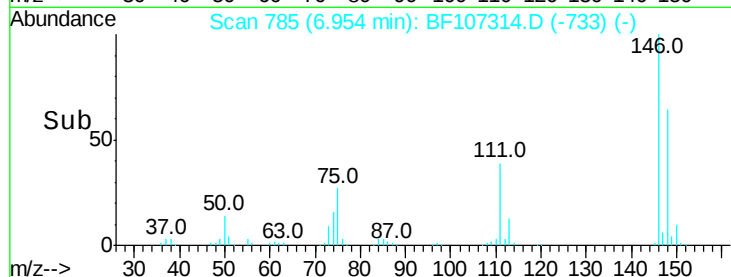
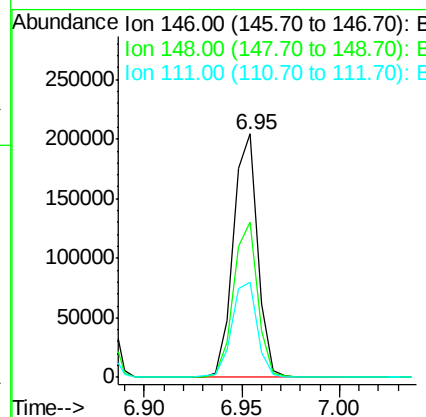
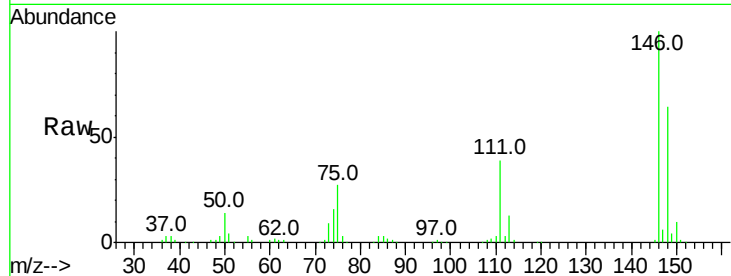
BNA_F

ClientSampleId :

EP-12-W1MS

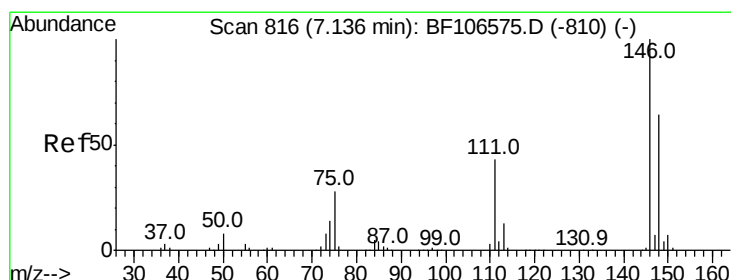
Tot Ion:	146	Resp:	176348
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.8	76.2
111	39.3	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 31.692 ng

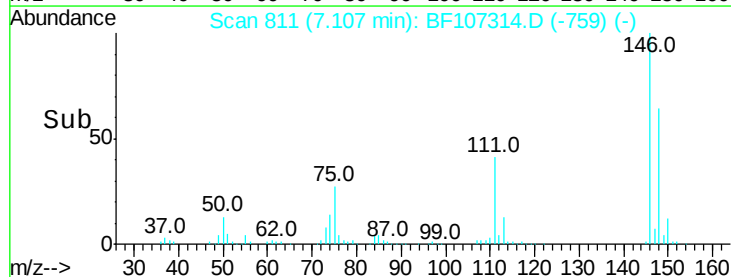
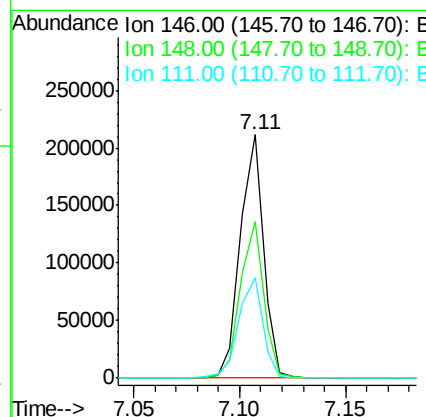
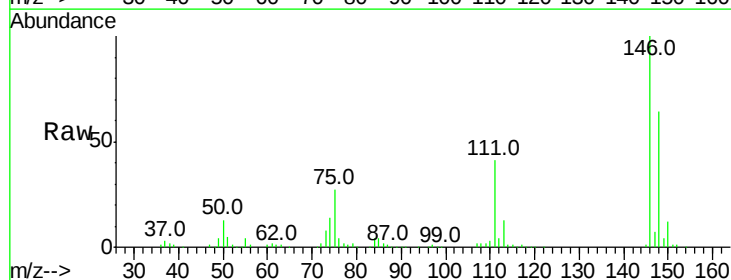
RT: 7.11 min Scan# 811

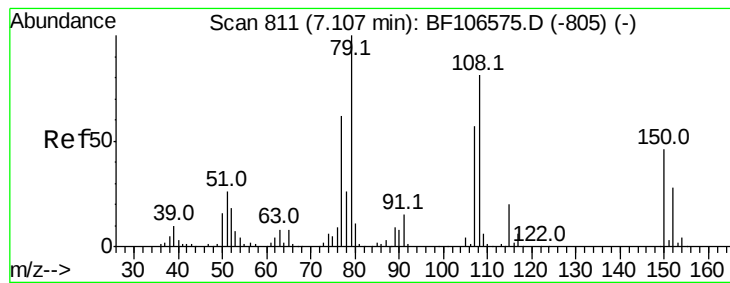
Delta R.T. 0.01 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Tgt Ion:	146	Resp:	160791
Ion Ratio	Lower	Upper	
146	100		
148	64.1	50.6	75.8
111	41.0	36.0	54.0





#15

Benzyl Alcohol

Concen: 27.578 ng

RT: 7.08 min Scan# 807

Delta R.T. 0.01 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

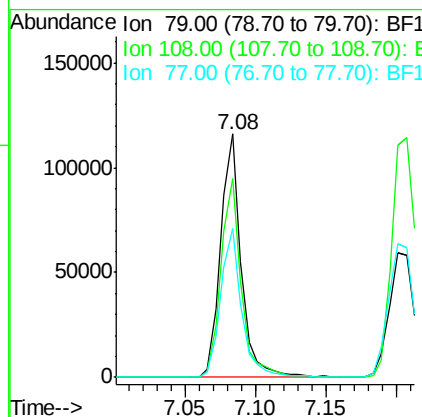
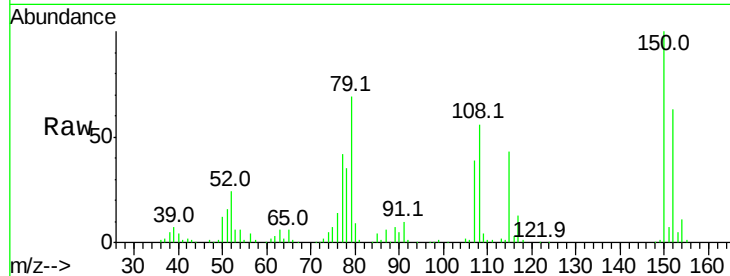
BNA_F

ClientSampleId :

EP-12-W1MS

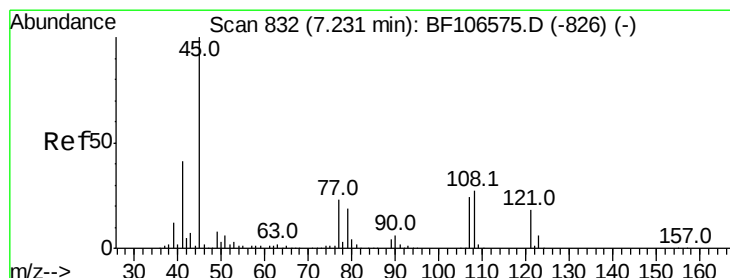
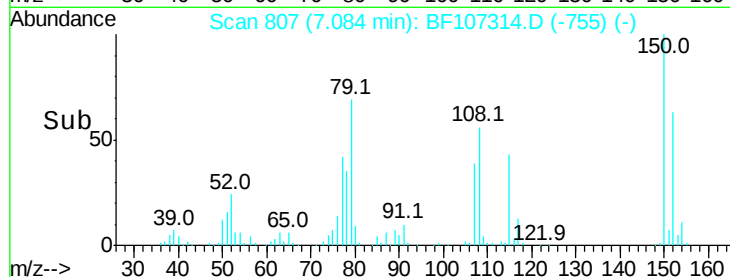
Tot Ion:	79	Resp:	117876
Ion Ratio	Lower	Upper	
79	100		
108	81.6	65.1	97.7
77	61.1	50.6	75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.550 ng

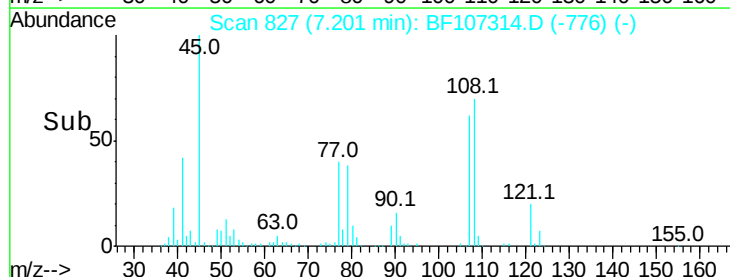
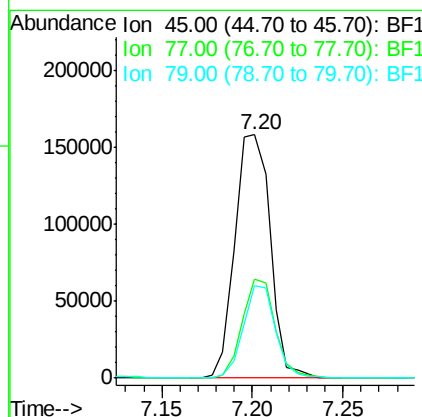
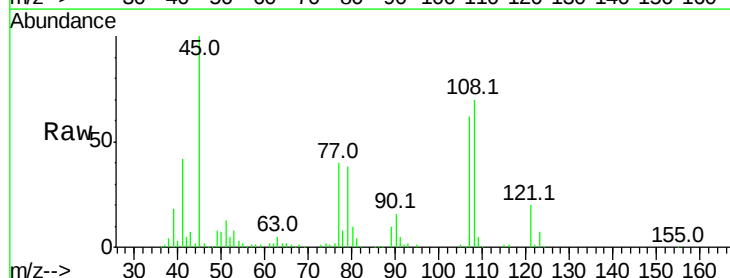
RT: 7.20 min Scan# 827

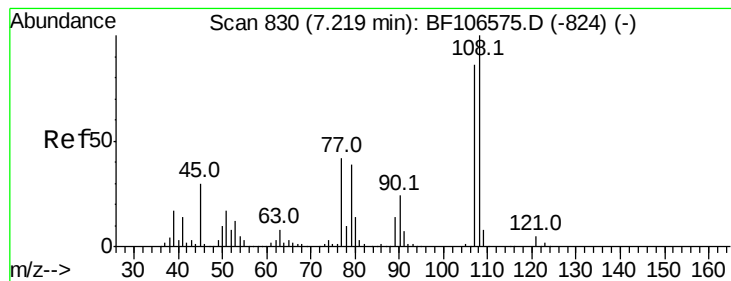
Delta R.T. 0.00 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Tgt Ion:	45	Resp:	214185
Ion Ratio	Lower	Upper	
45	100		
77	40.5	0.0	32.9#
79	37.8	0.0	29.6#



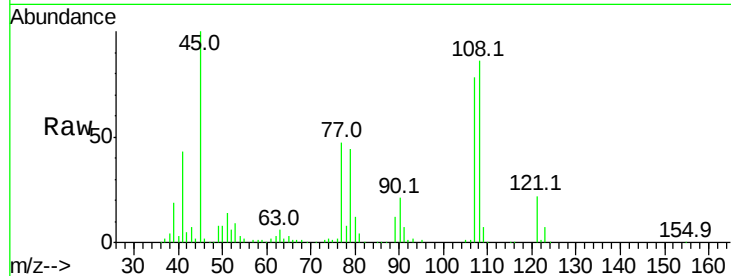


#17
2-Methylphenol
Concen: 30.757 ng
RT: 7.21 min Scan# 828
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

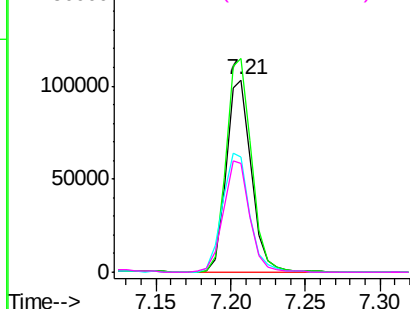
Instrument :
BNA_F
ClientSampleId :
EP-12-WIMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	91.7	137.5	
77	60.2	33.8	50.8#	
79	56.5	33.8	50.8#	

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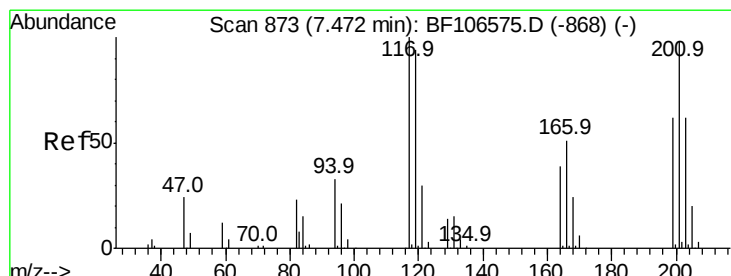
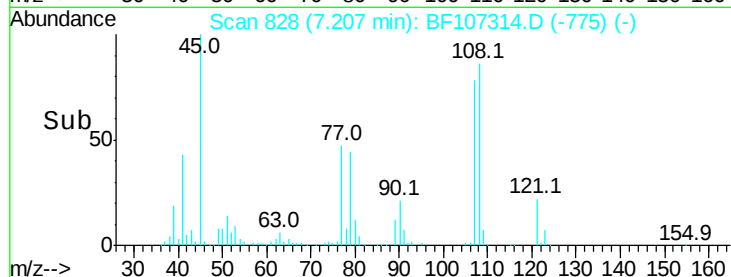


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



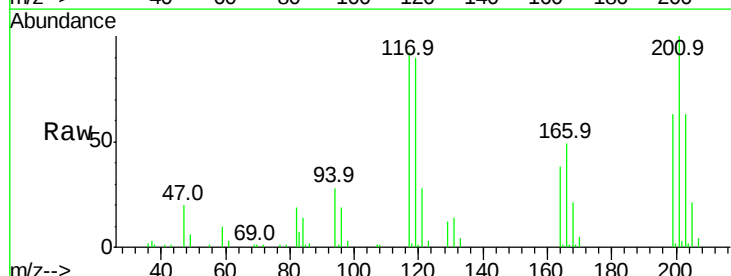
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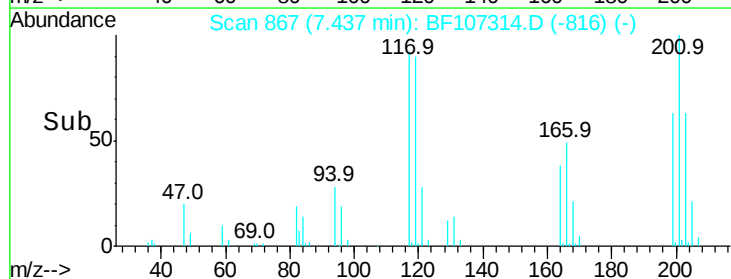
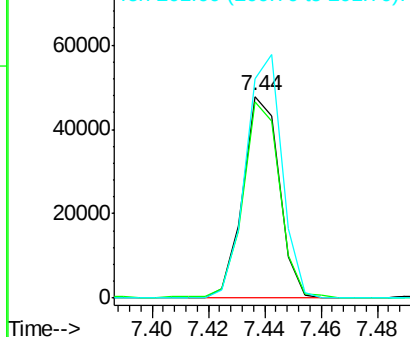


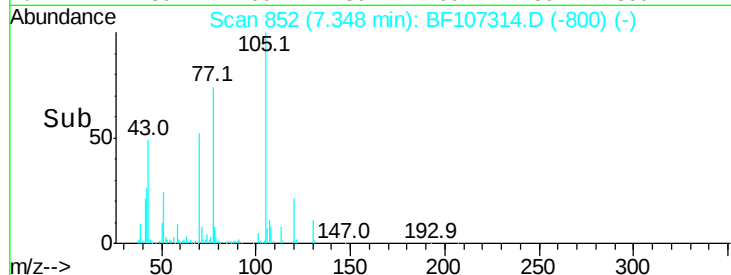
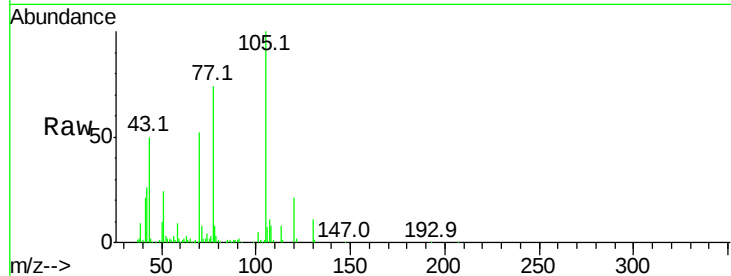
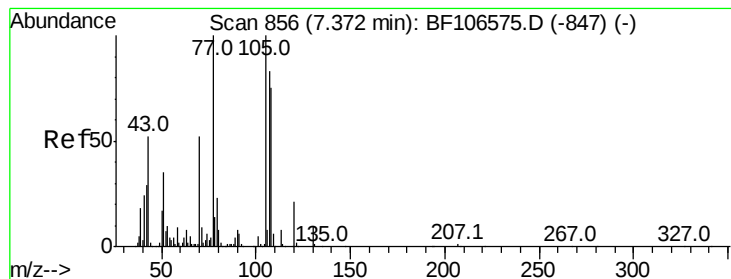
#18
Hexachloroethane
Concen: 21.927 ng
RT: 7.44 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.8	113.8	
201	108.6	75.7	113.5	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.062 ng

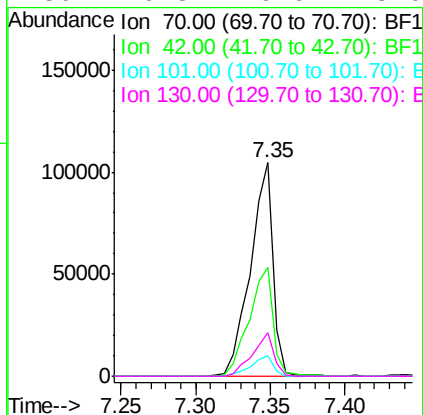
RT: 7.35 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Tot Ion	70	Resp	108993
Ion Ratio	Lower	Upper	
70	100		
42	50.7	47.5	71.3
101	9.7	7.4	11.2
130	20.3	16.6	25.0



Instrument :

BNA_F

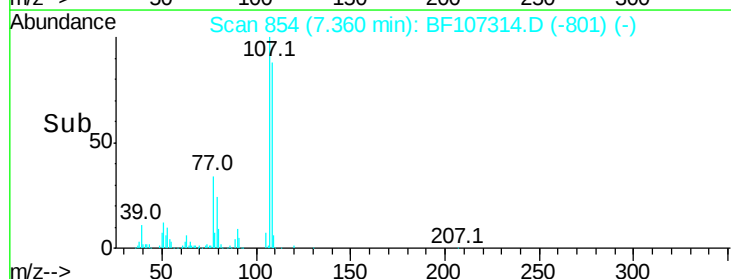
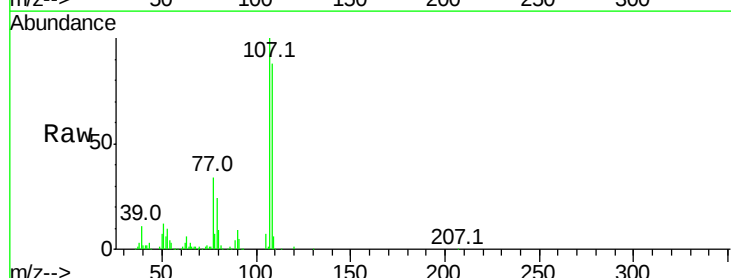
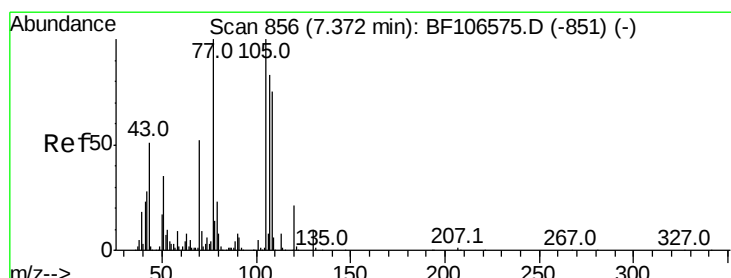
ClientSampleId :

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#20

3+4-Methylphenols

Concen: 38.802 ng

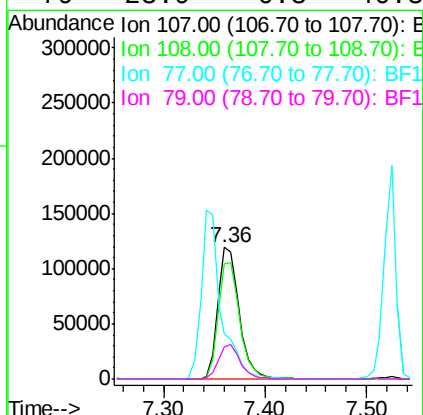
RT: 7.36 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Tgt Ion	107	Resp	174159
Ion Ratio	Lower	Upper	
107	100		
108	88.1	68.2	108.2
77	33.7	26.7	66.7
79	23.9	6.3	46.3



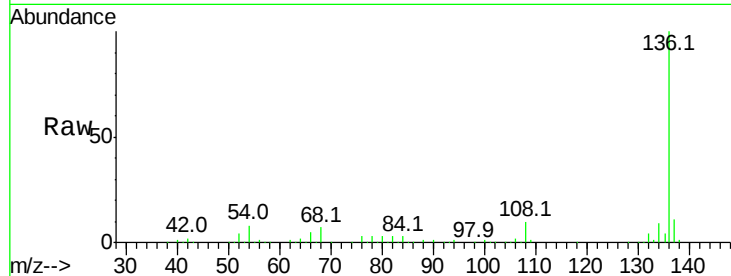


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.9	13.3	
54	8.2	6.6	9.8	
68	6.7	5.0	7.4	

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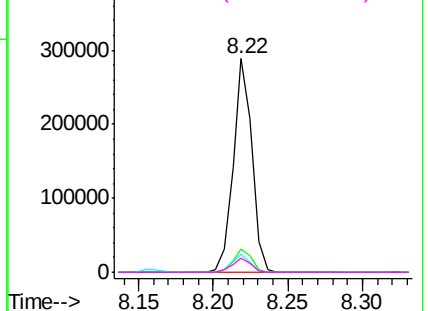


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

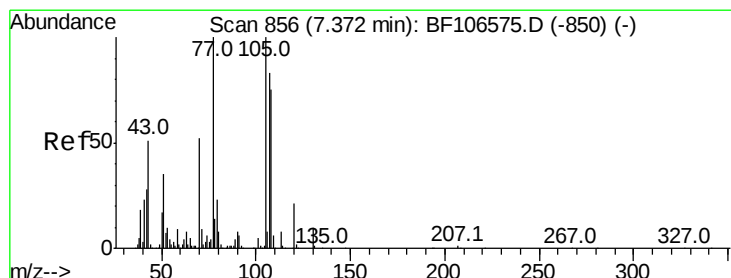
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



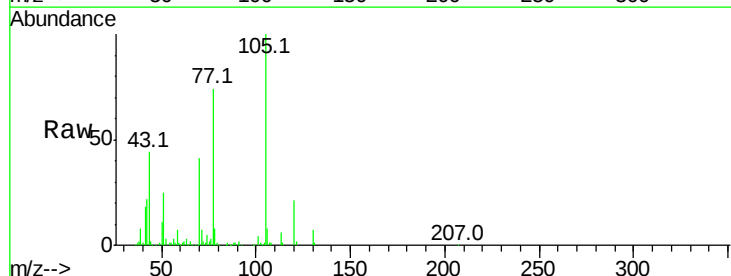
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#22
Acetophenone
Concen: 37.405 ng
RT: 7.34 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.0	4.4	6.6#	
51	25.4	22.3	33.5	
120	20.9	16.9	25.3	

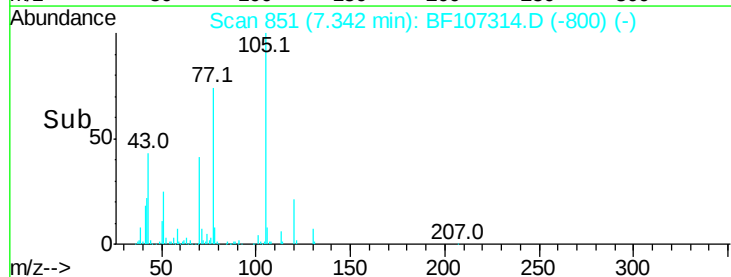
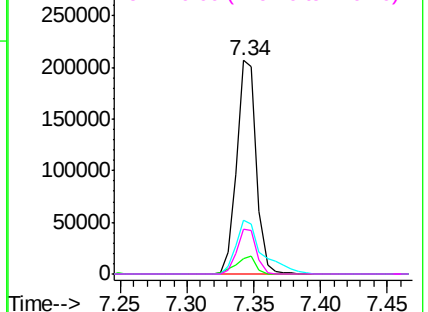


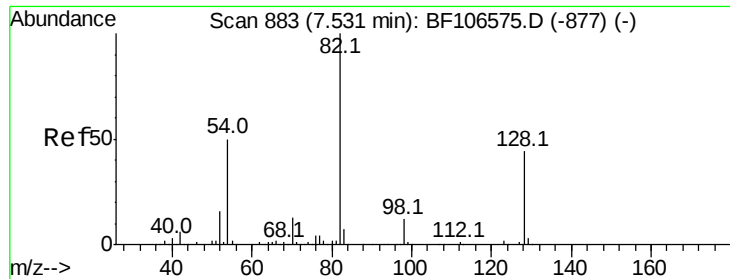
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



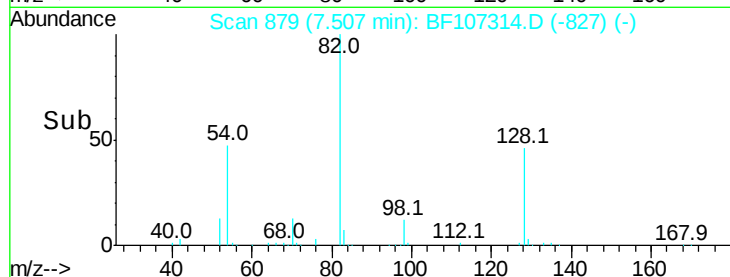
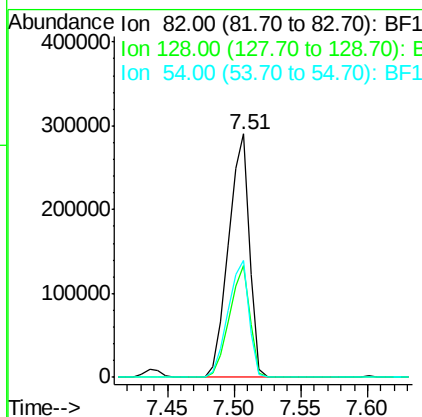
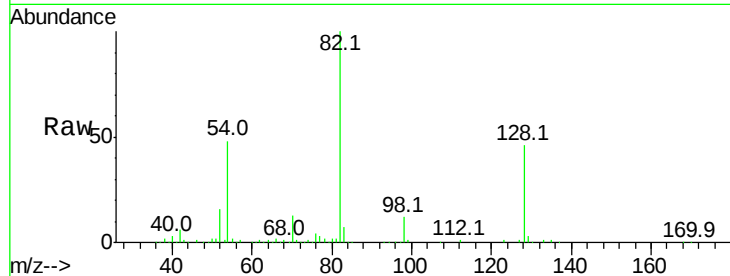


#23
Nitrobenzene-d5
Concen: 70.207 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

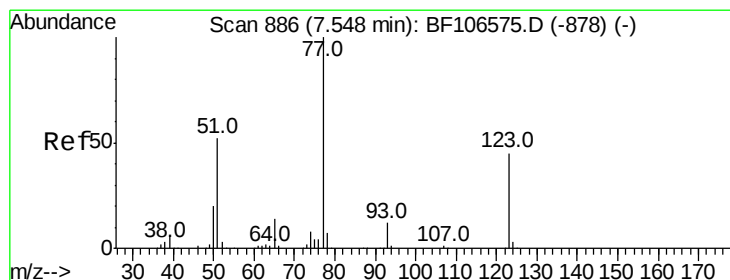
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.8	36.1	54.1	
54	48.2	41.4	62.2	

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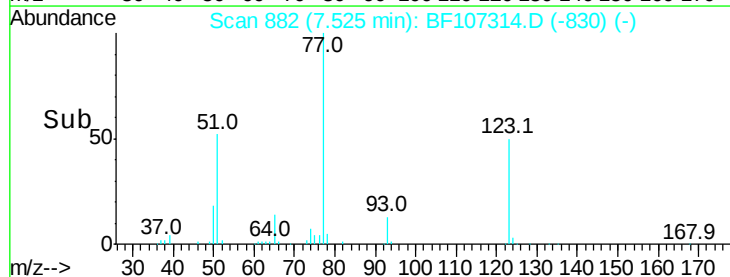
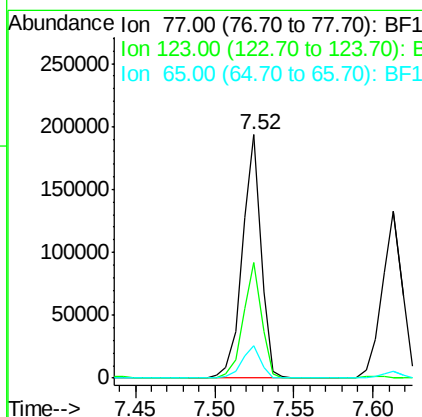
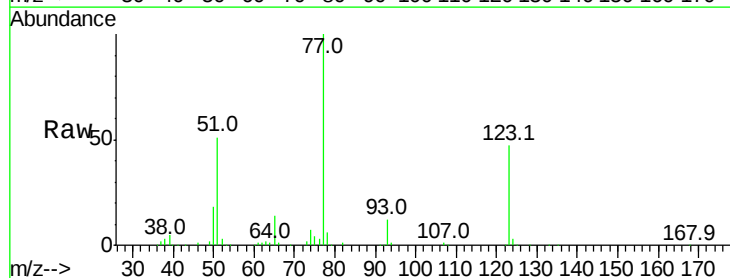
Sohil

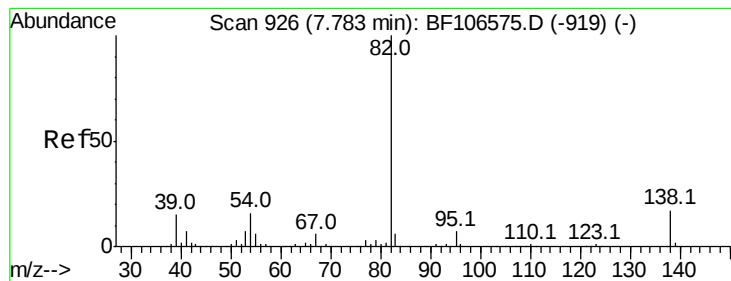
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#24
Nitrobenzene
Concen: 33.688 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.5	37.9	56.9	
65	13.6	11.0	16.4	





#25

Isophorone

Concen: 35.481 ng

RT: 7.76 min Scan# 922

Delta R.T. 0.01 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

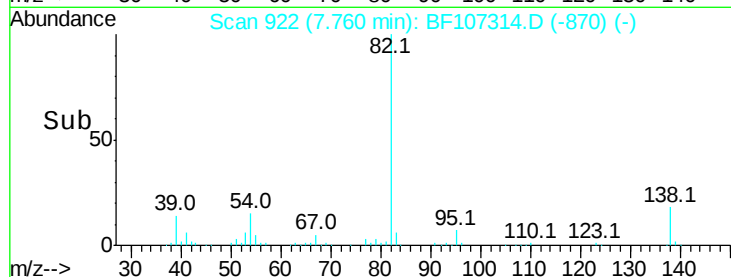
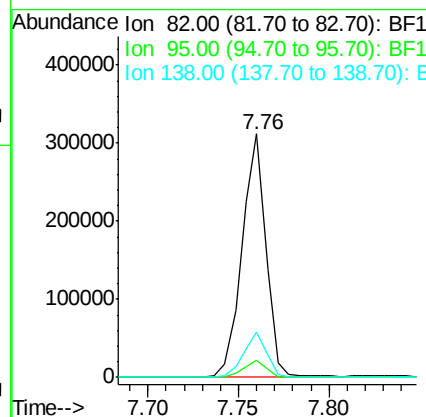
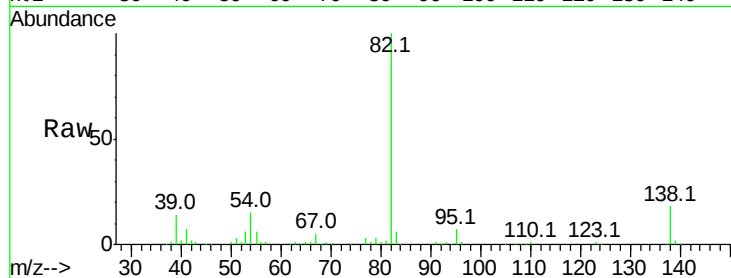
BNA_F

ClientSampleId :

EP-12-W1MS

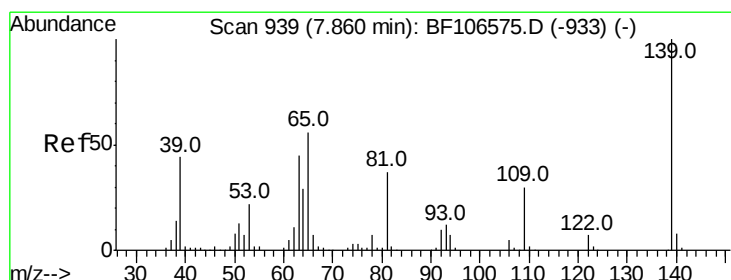
Tot Ion:	82	Resp:	286939
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	18.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 24.011 ng

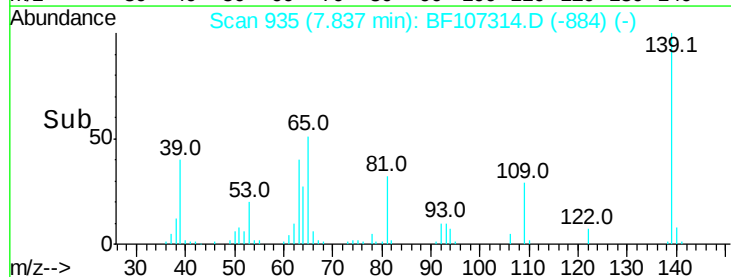
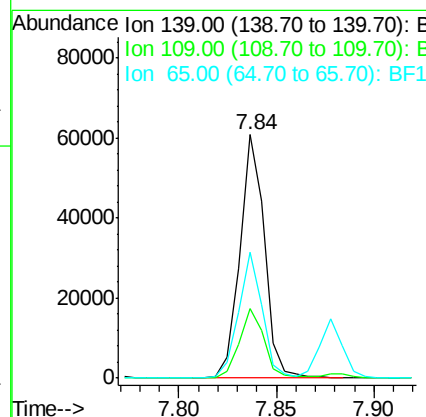
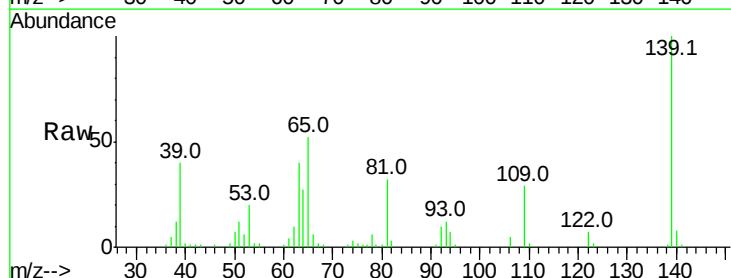
RT: 7.84 min Scan# 935

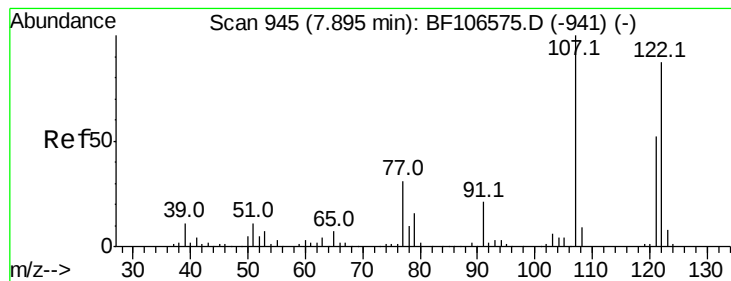
Delta R.T. 0.00 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Tgt Ion:	139	Resp:	53110
Ion Ratio	Lower	Upper	
139	100		
109	28.7	22.7	34.1
65	51.7	40.5	60.7



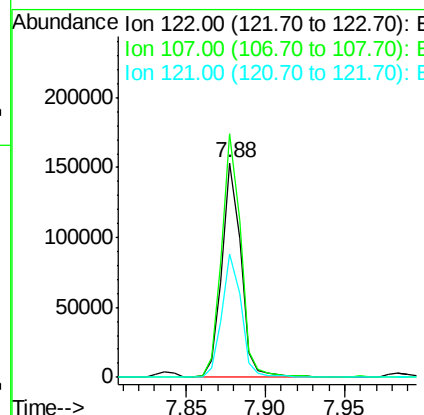
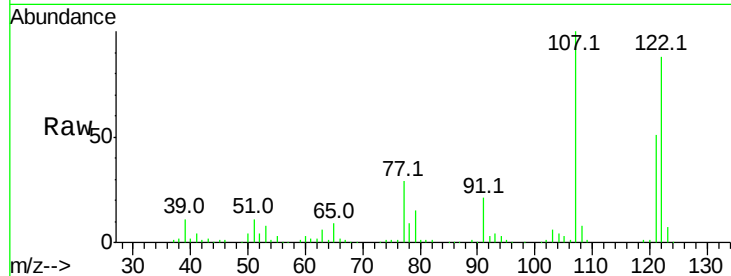


#27
 2,4-Dimethylphenol
 Concen: 37.665 ng
 RT: 7.88 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MS

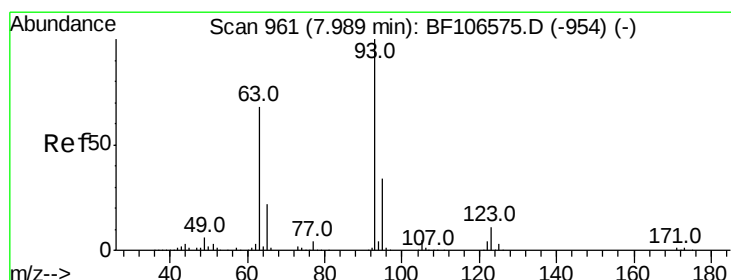
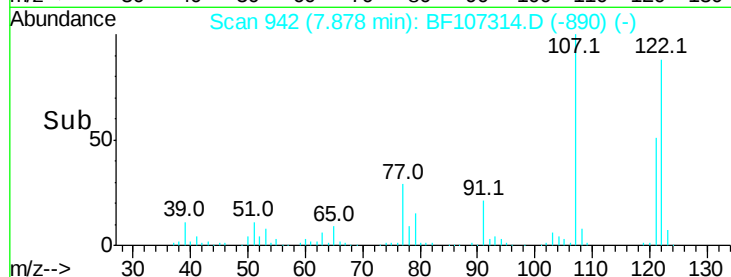
Tot Ion	Ratio	Resp	Lower	Upper
122	100	128771		
107	113.6		91.2	136.8
121	57.4		47.2	70.8

Manual Integrations
 APPROVED



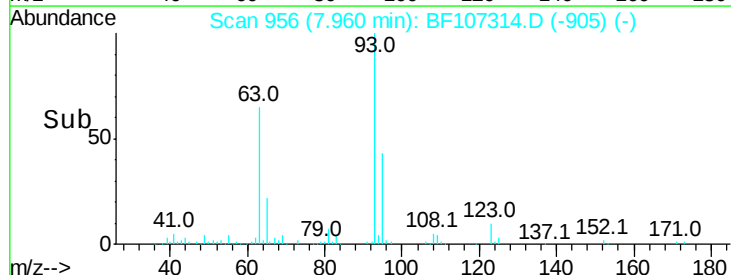
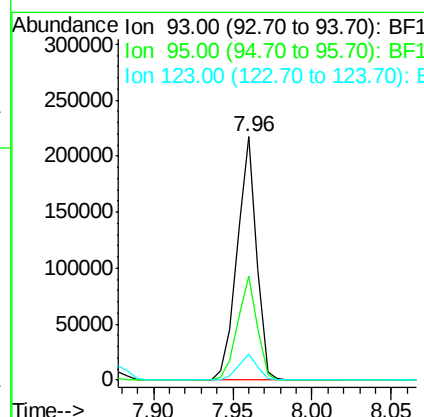
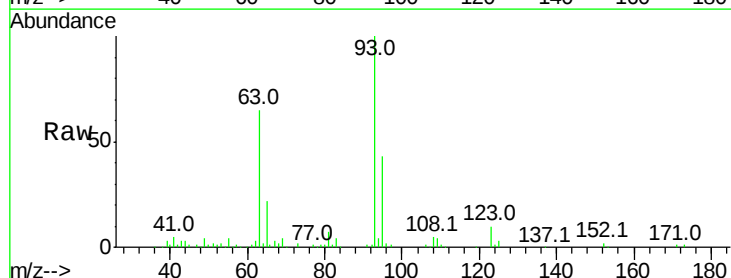
Sohil

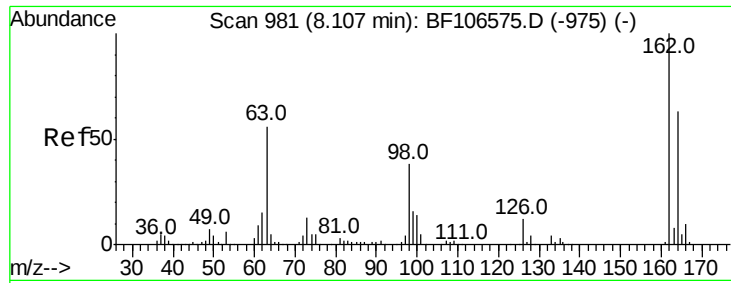
7/12/2018 2:19:47 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.095 ng
 RT: 7.96 min Scan# 956
 Delta R.T. 0.00 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	185131		
95	42.7		26.3	39.5#
123	10.5		9.8	14.6



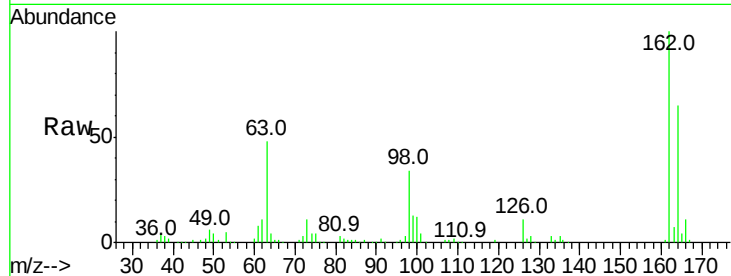


#29
 2,4-Dichlorophenol
 Concen: 35.876 ng
 RT: 8.10 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

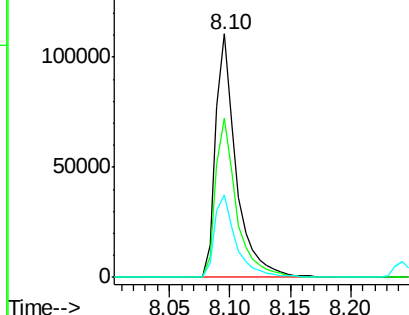
Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MS

Tot Ion:	162	Resp:	128413
Ion Ratio	Lower	Upper	
162	100		
164	65.5	42.7	82.7
98	33.7	18.1	58.1

Manual Integrations
 APPROVED

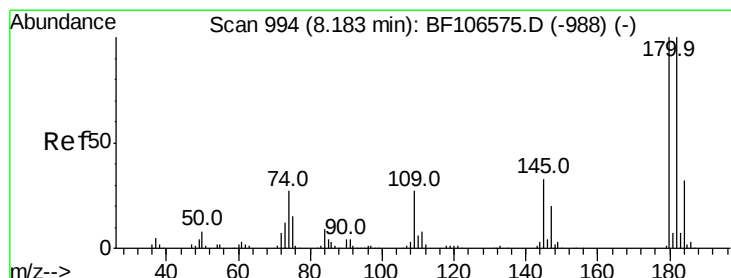
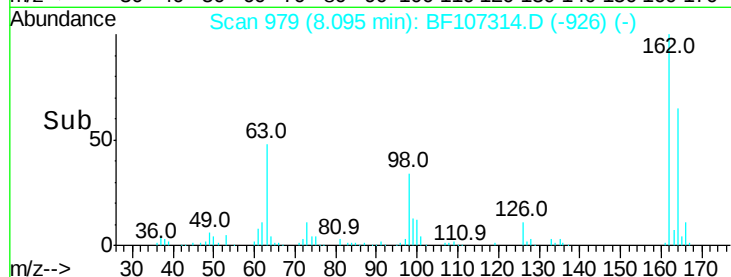


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1



Sohil

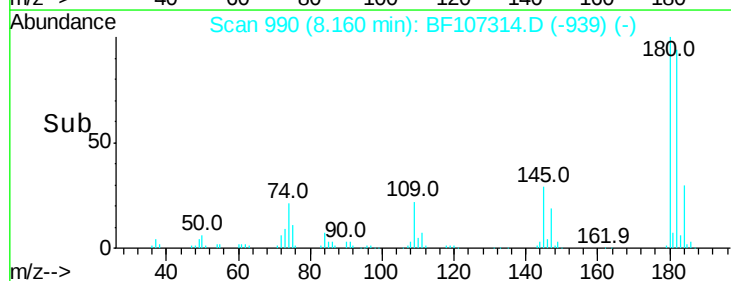
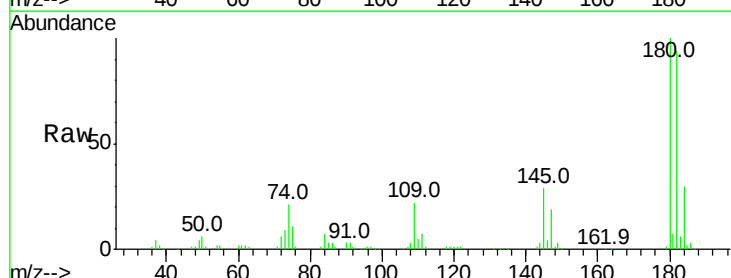
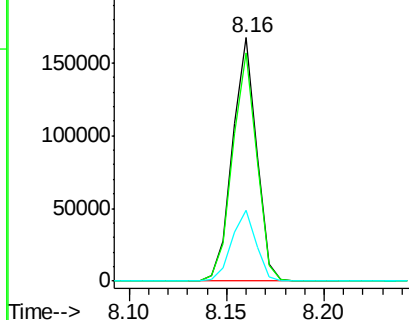
7/12/2018 2:19:47 PM

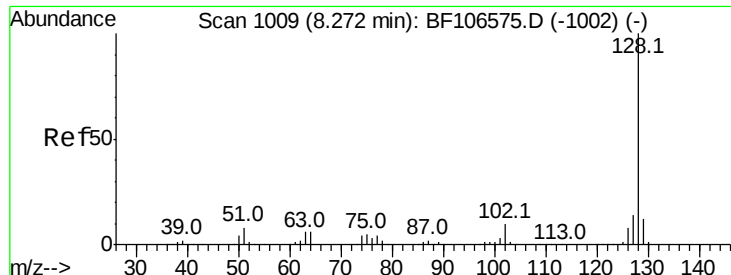


#30
 1,2,4-Trichlorobenzene
 Concen: 36.340 ng
 RT: 8.16 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Tgt Ion:	180	Resp:	143292
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.8	115.2
145	28.9	26.5	39.7

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



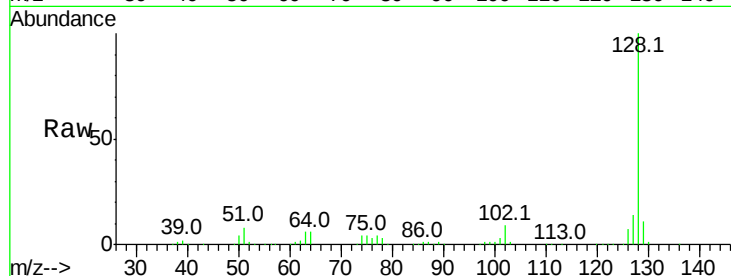


#31
Naphthalene
Concen: 40.077 ng
RT: 8.24 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

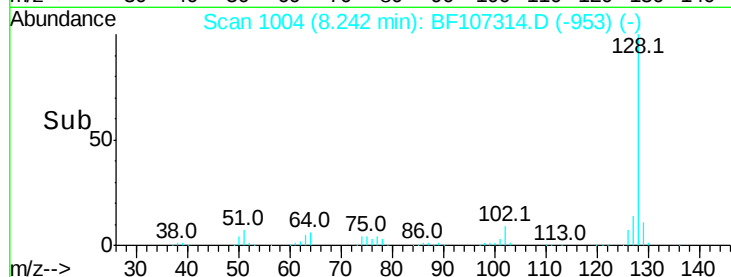
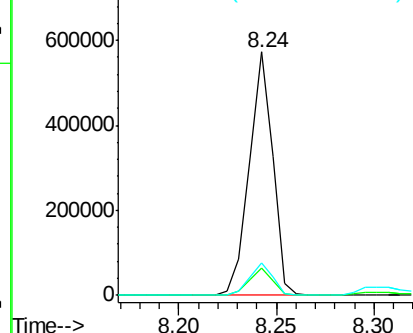
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.6	10.9	16.3

Manual Integrations
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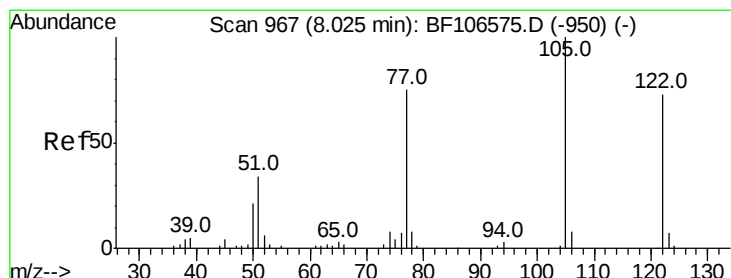


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



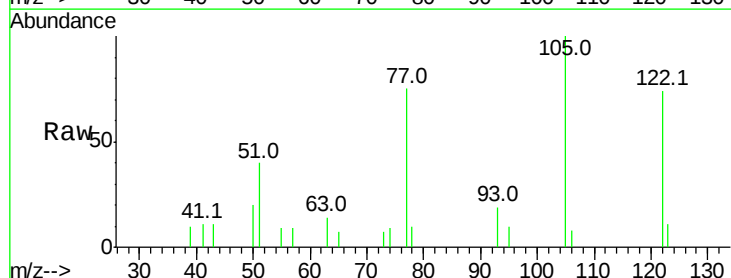
Sohil

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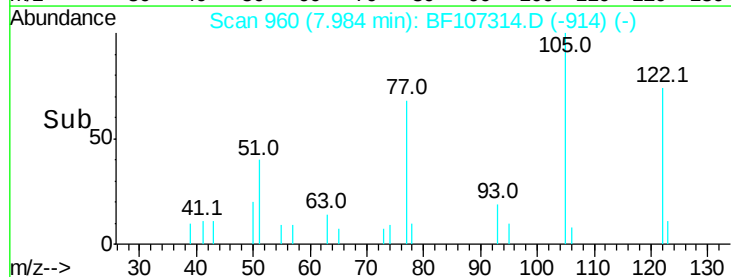
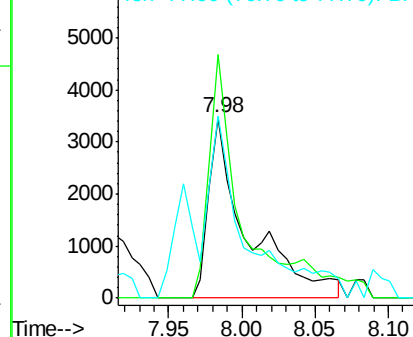


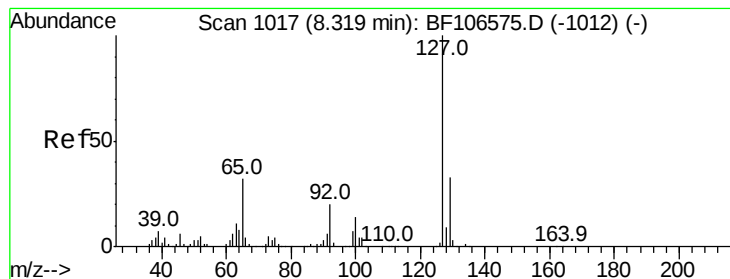
#32
Benzoic acid
Concen: 8.002 ng m
RT: 7.98 min Scan# 960
Delta R.T. -0.03 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.5	101.1	141.1
77	101.6	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: 7.852 ng

RT: 8.30 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

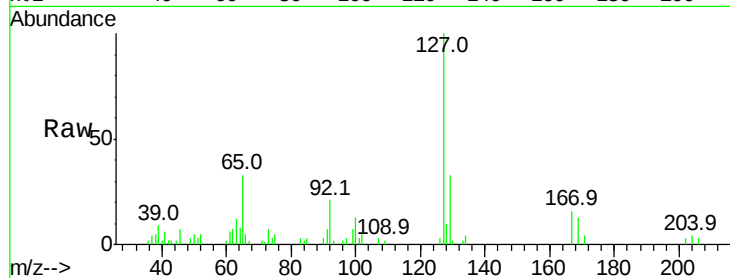
BNA_F

ClientSampled :

EP-12-W1MS

Tot Ion:	127	Resp:	39287
Ion Ratio	Lower	Upper	
127	100		
129	32.9	25.9	38.9
65	32.7	25.0	37.4
92	21.2	15.2	22.8

Manual Integrations
APPROVED

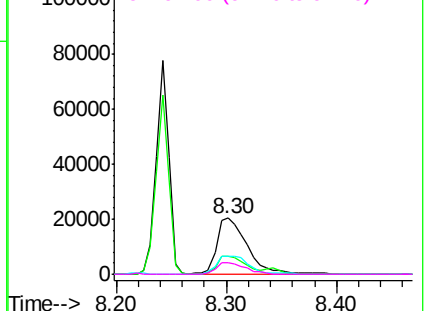
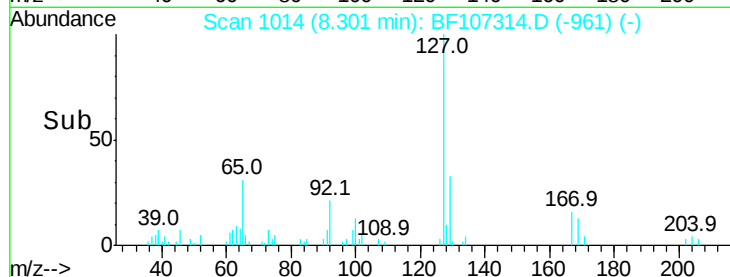


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

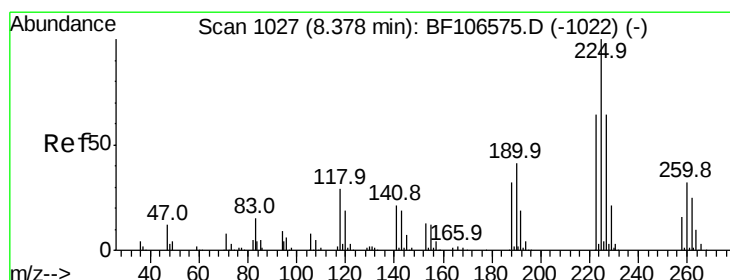
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



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#34

Hexachlorobutadiene

Concen: 37.769 ng

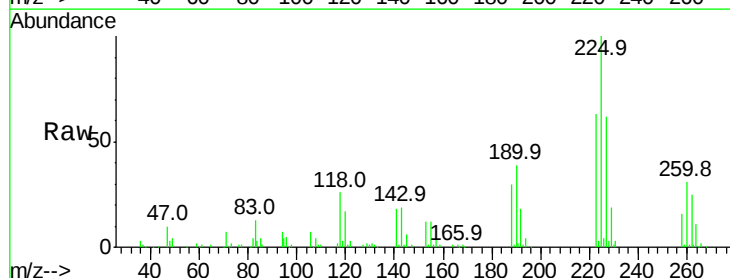
RT: 8.34 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

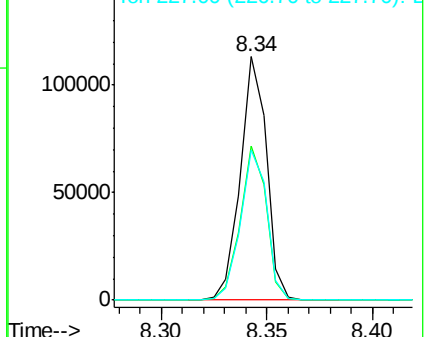
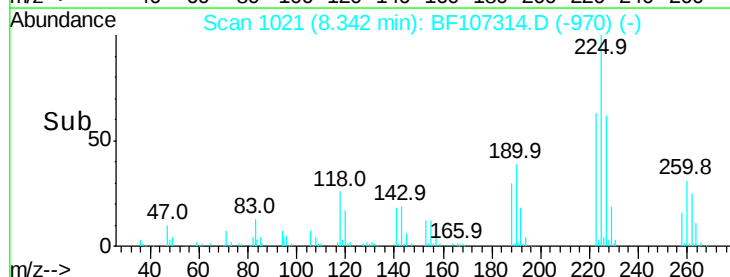
Tgt Ion:	225	Resp:	97040
Ion Ratio	Lower	Upper	
225	100		
223	63.3	50.6	76.0
227	61.8	51.9	77.9

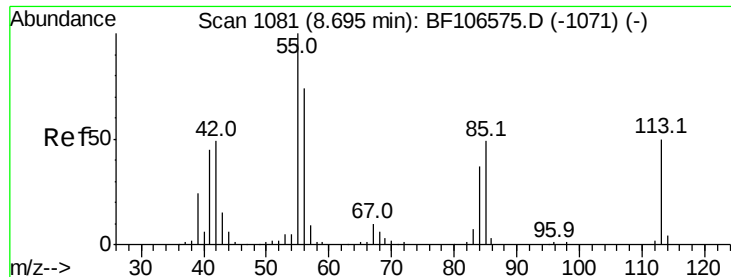


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.937 ng/mL

RT: 8.67 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

BNA_F

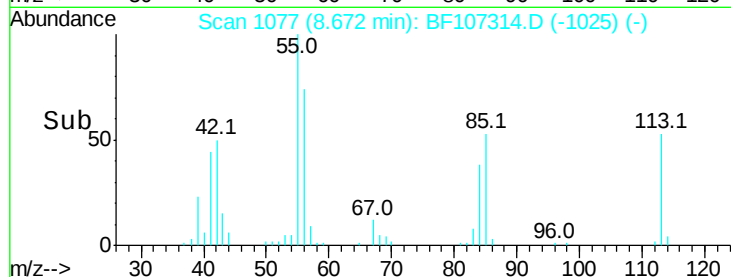
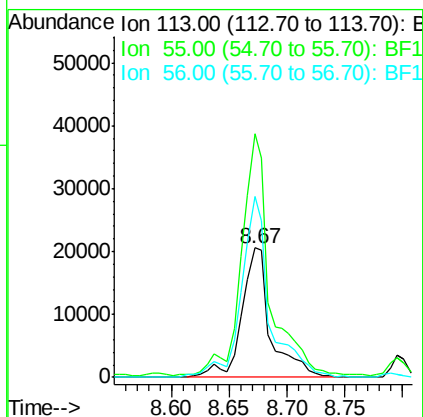
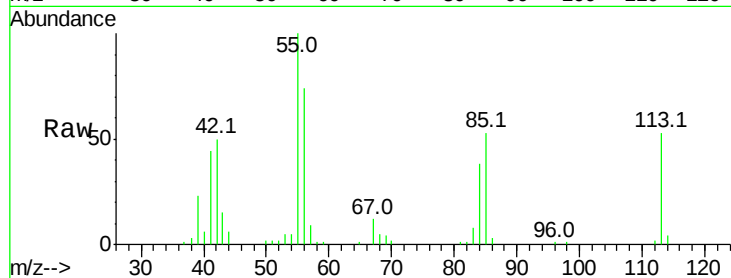
ClientSampled :

EP-12-W1MS

Tot Ion:113 Resp: 36096

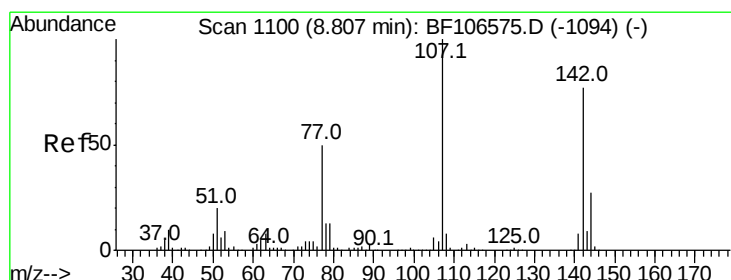
Ion	Ratio	Lower	Upper
113	100		
55	188.1	163.3	203.3
56	139.8	115.7	155.7

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 31.448 ng/mL

RT: 8.80 min Scan# 1098

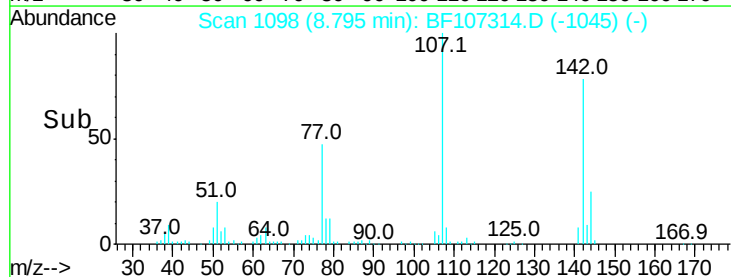
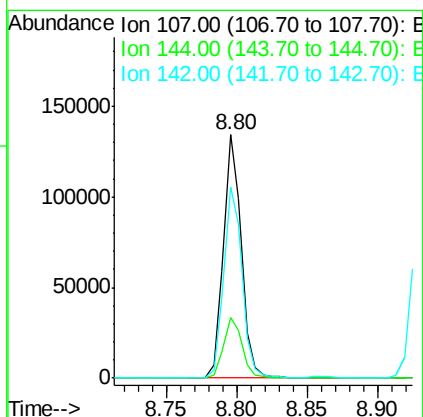
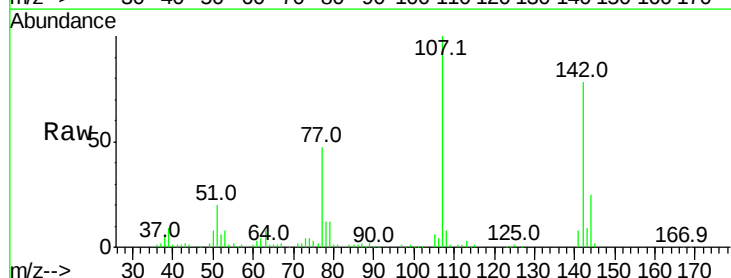
Delta R.T. 0.01 min

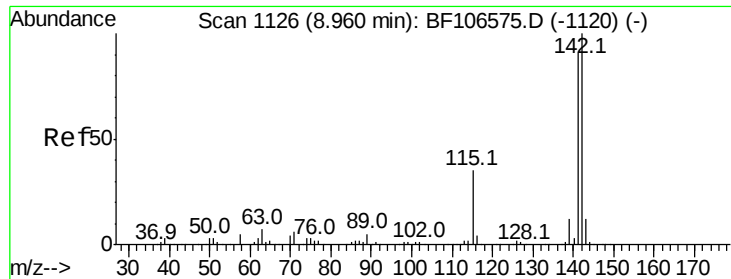
Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Tgt Ion:107 Resp: 118479

Ion	Ratio	Lower	Upper
107	100		
144	24.7	20.5	30.7
142	78.4	62.0	93.0



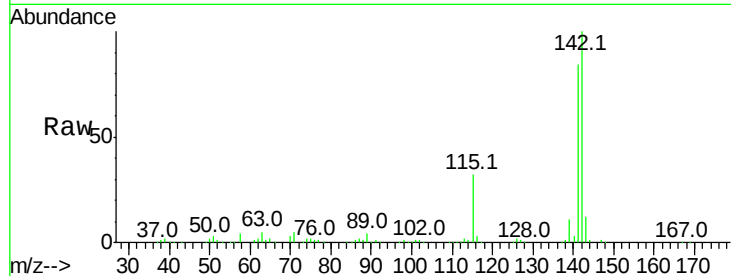


#37
2-Methylnaphthalene
Concen: 37.488 ng
RT: 8.94 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

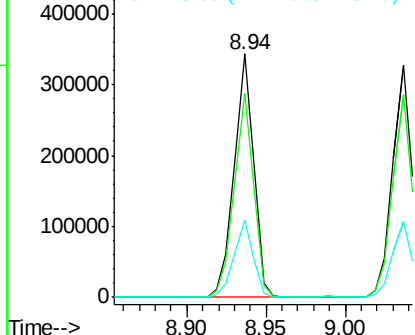
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.0	70.8	106.2
115	31.6	26.1	39.1

Manual Integrations
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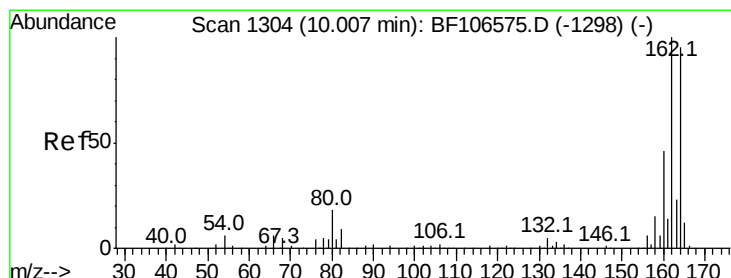
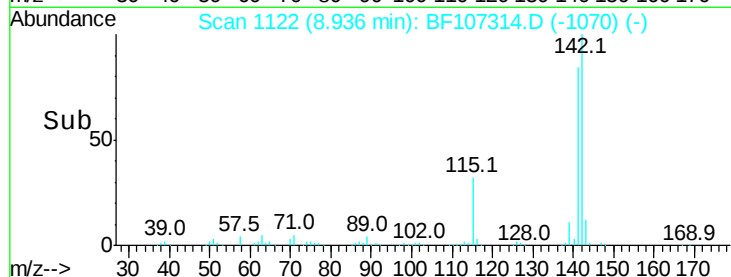


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



Sohil

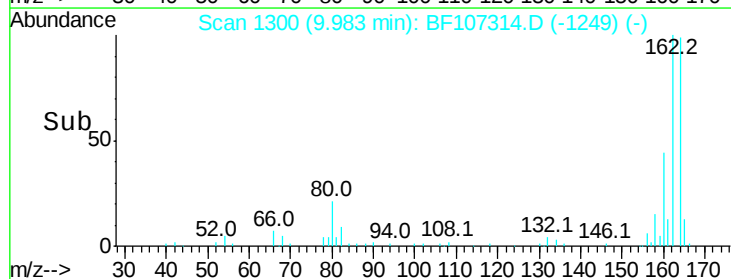
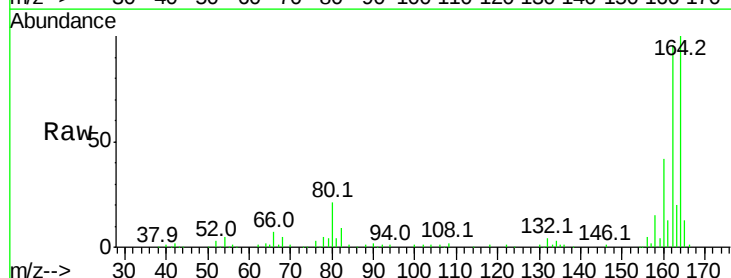
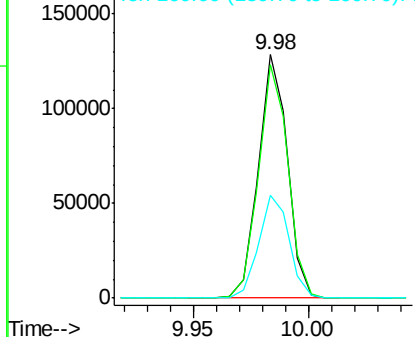
7/12/2018 2:19:47 PM

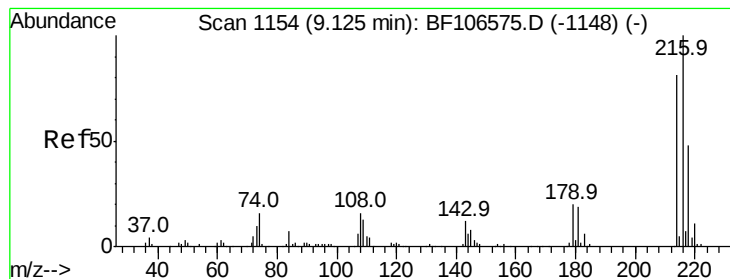


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.6	86.1	129.1
160	42.1	38.3	57.5

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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.284 ng

RT: 9.10 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

BNA_F

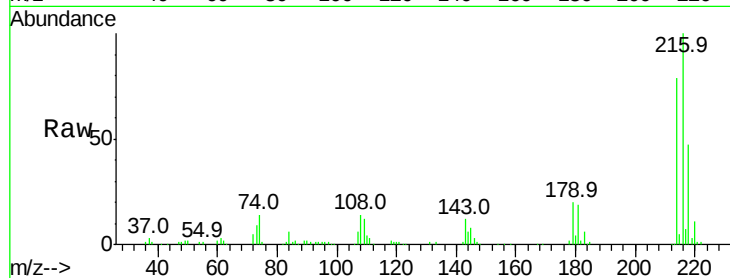
ClientSampleId :

EP-12-W1MS

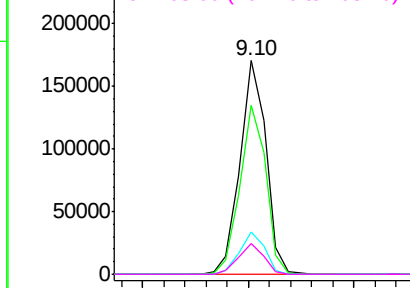
Tot Ion:216 Resp: 145279
Ion Ratio Lower Upper

216	100		
214	78.9	63.0	94.4
179	19.3	18.1	27.1
108	13.8	17.2	25.8#

Manual Integrations
APPROVED

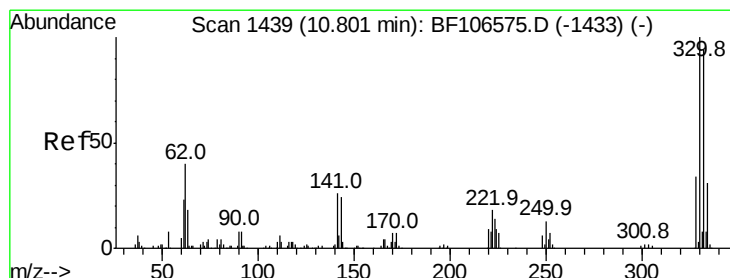
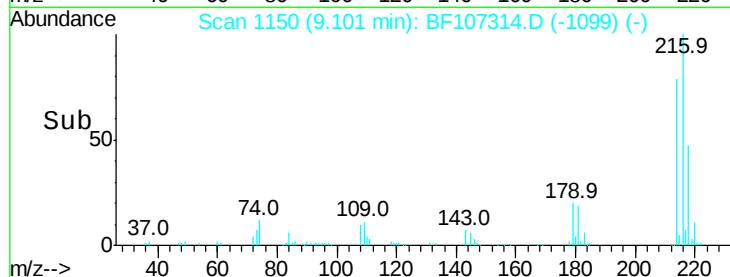


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



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7/12/2018 2:19:47 PM



#41

2,4,6-Tribromophenol

Concen: 97.080 ng

RT: 10.79 min Scan# 1437

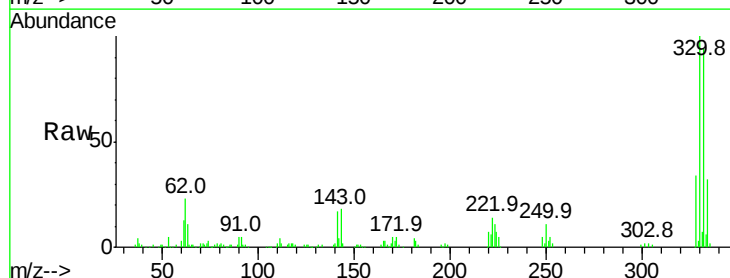
Delta R.T. 0.01 min

Lab File: BF107314.D

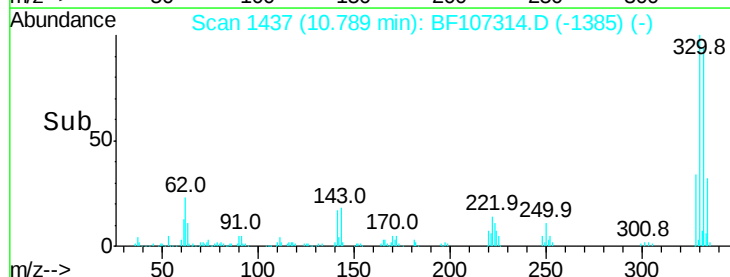
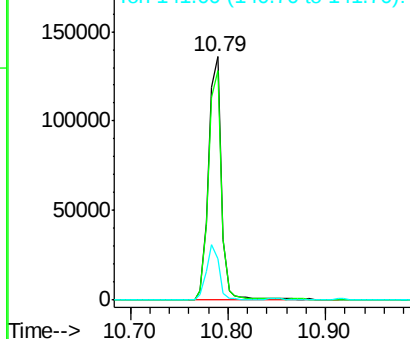
Acq: 11 Jul 2018 21:33

Tgt Ion:330 Resp: 126789
Ion Ratio Lower Upper

330	100		
332	94.2	77.0	115.6
141	22.6	29.9	44.9#



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



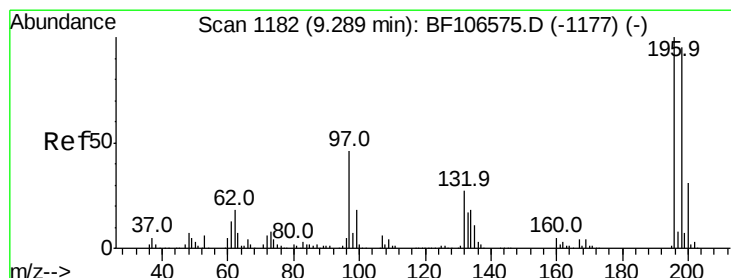
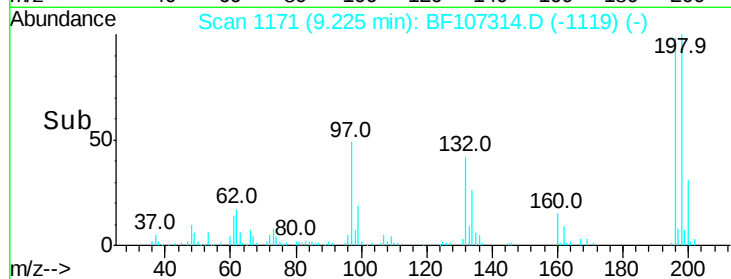
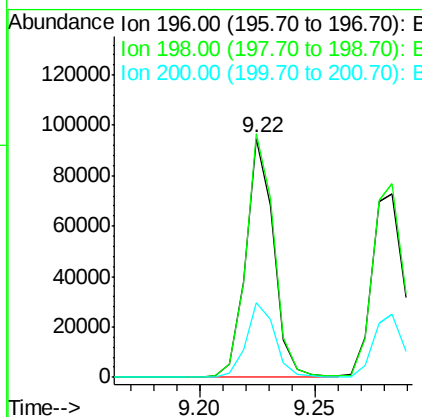
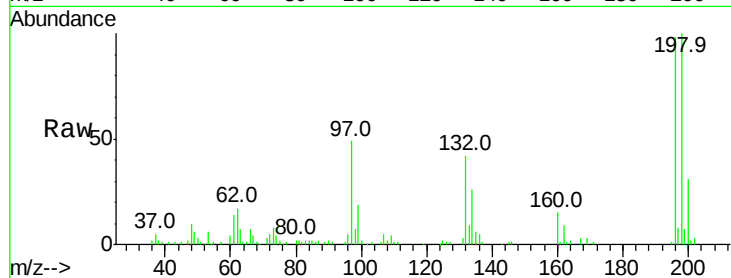


#42
 2,4,6-Trichlorophenol
 Concen: 31.759 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MS

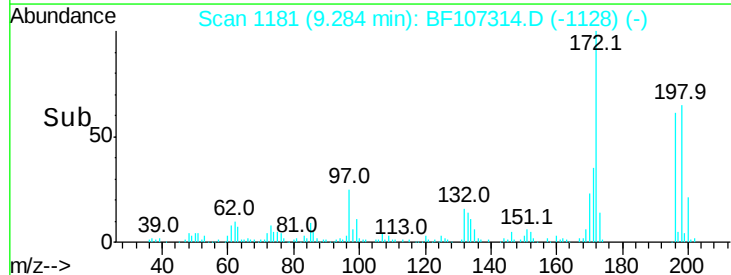
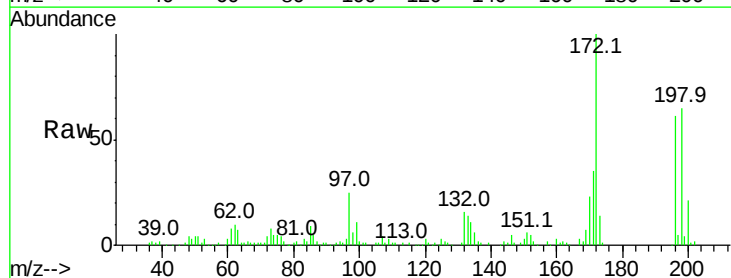
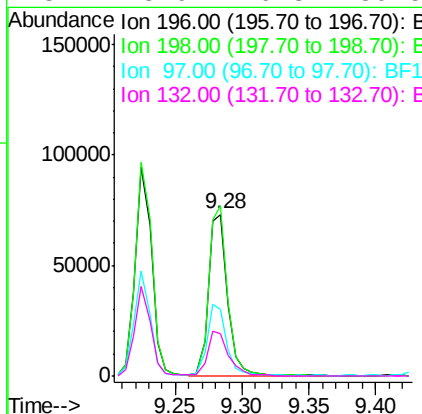
Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.1	75.7	113.5	
200	31.2	24.5	36.7	

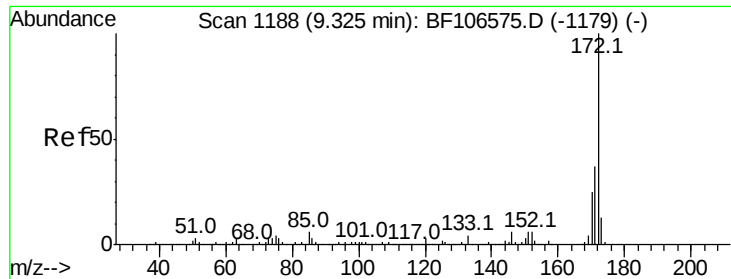
Manual Integrations
 APPROVED



#43
 2,4,5-Trichlorophenol
 Concen: 28.253 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	105.2	74.6	112.0	
97	41.4	42.9	64.3#	
132	25.9	26.3	39.5#	



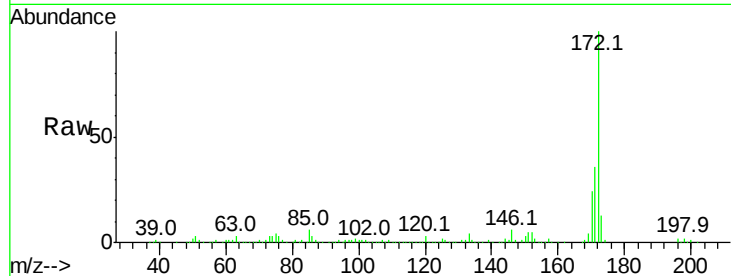


#44
2-Fluorobiphenyl
Concen: 78.765 ng
RT: 9.30 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

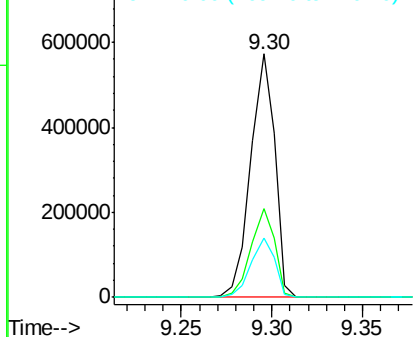
Instrument :
BNA_F
ClientSampleId :
EP-12-WIMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	29.7	44.5	
170	24.5	19.6	29.4	

Manual Integrations
APPROVED

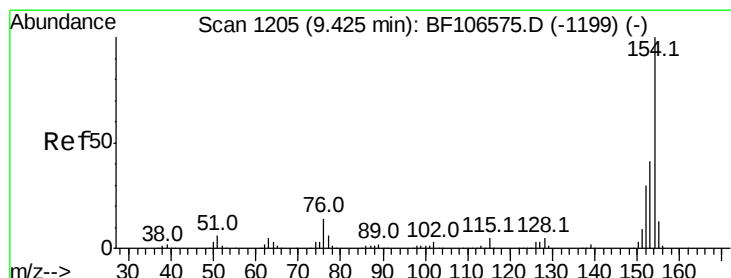
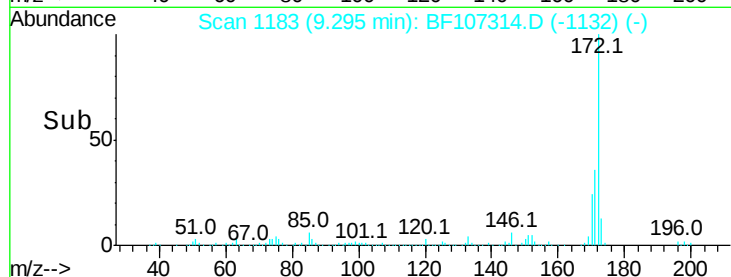


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



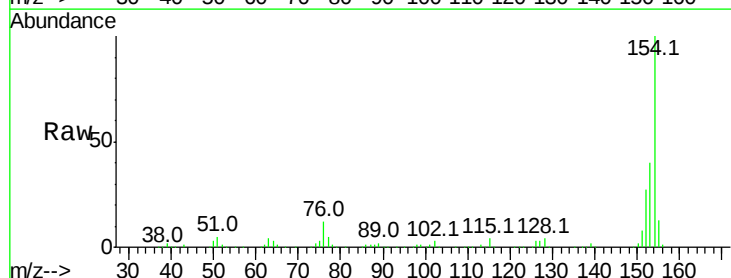
Sohil

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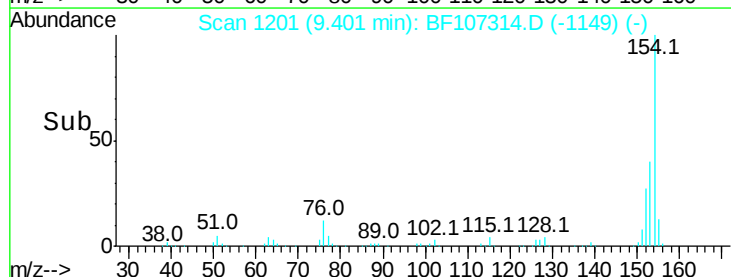
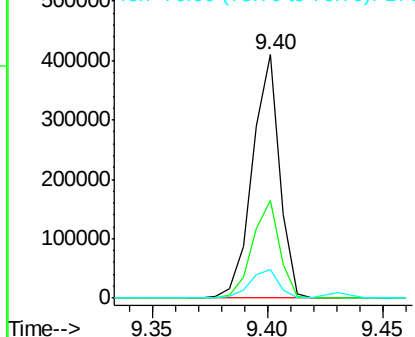


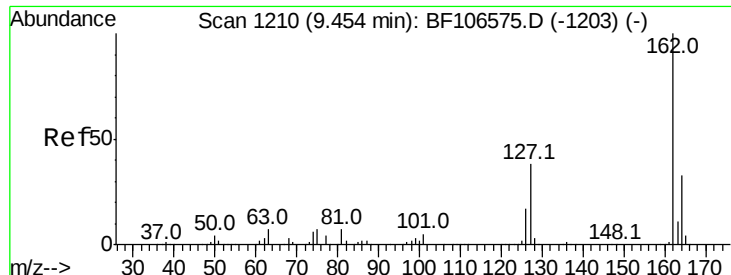
#45
1,1'-Biphenyl
Concen: 37.406 ng
RT: 9.40 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.3	21.3	61.3	
76	11.6	0.0	34.0	



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



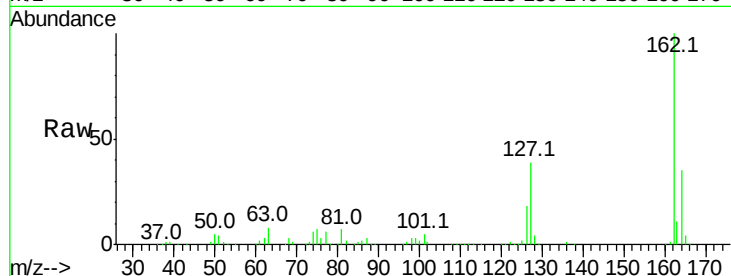


#46
2-Chloronaphthalene
Concen: 33.101 ng
RT: 9.43 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

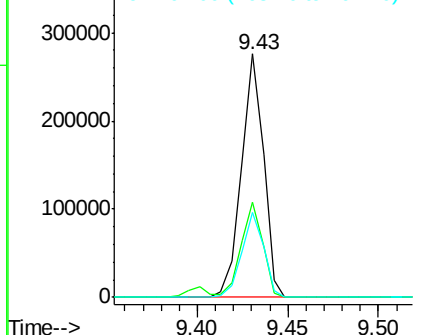
Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	233983		
127	39.0		33.9	50.9
164	35.1		26.5	39.7

Manual Integrations
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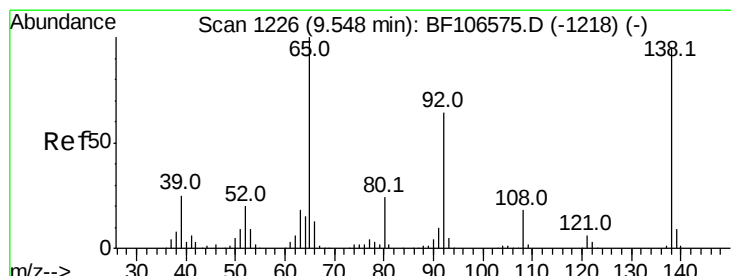
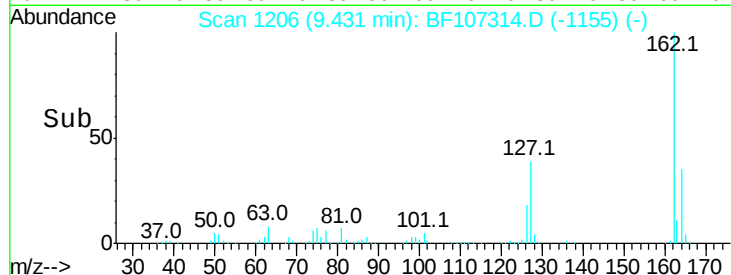


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



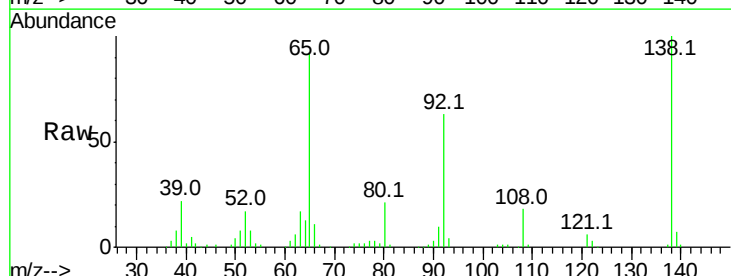
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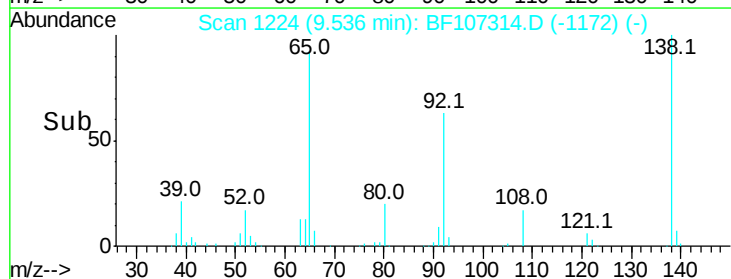
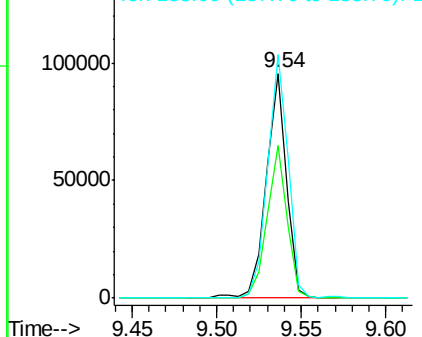


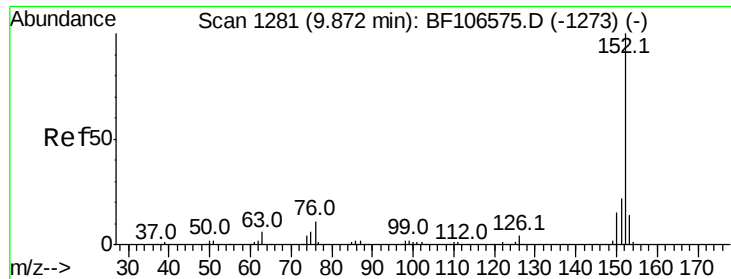
#47
2-Nitroaniline
Concen: 33.313 ng
RT: 9.54 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	79185		
92	67.7		55.8	83.6
138	108.2		91.2	136.8



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



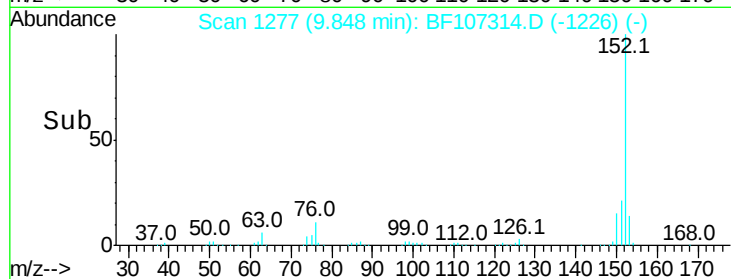
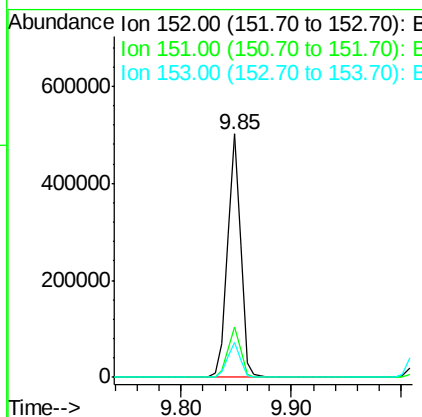
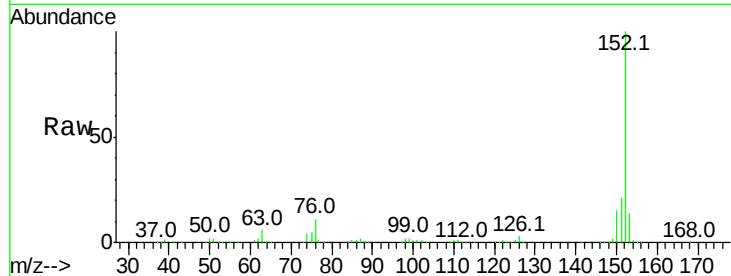


#48
Acenaphthylene
Concen: 37.833 ng
RT: 9.85 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampled :
EP-12-W1MS

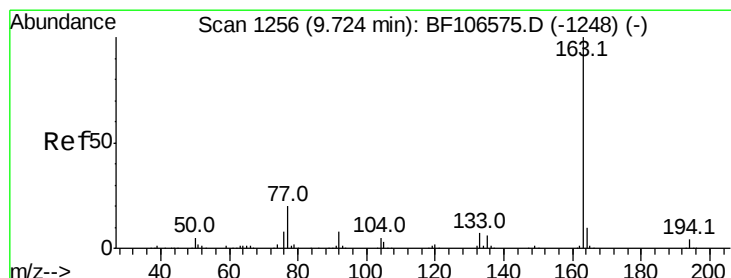
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.3	10.7	16.1

Manual Integrations
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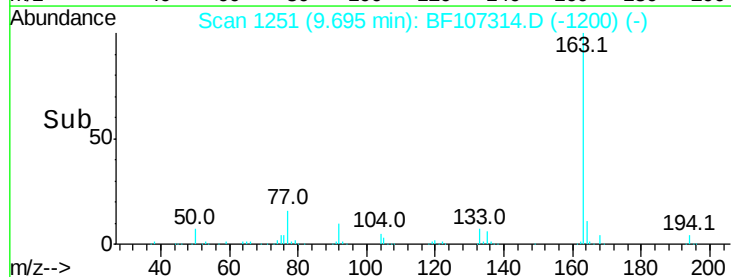
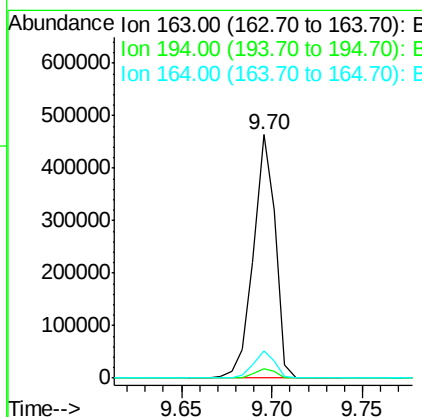
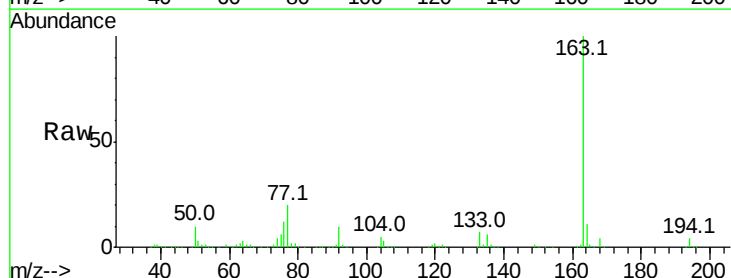
Sohil

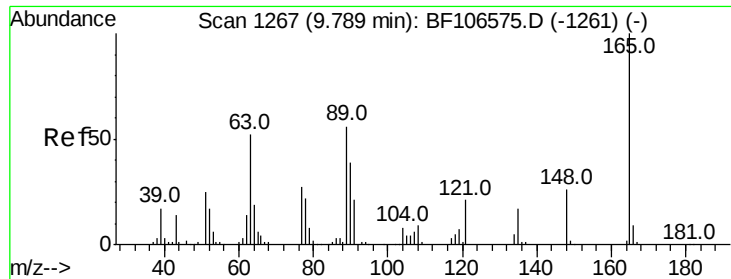
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#49
Dimethylphthalate
Concen: 45.954 ng
RT: 9.70 min Scan# 1251
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	11.4	8.2	12.2



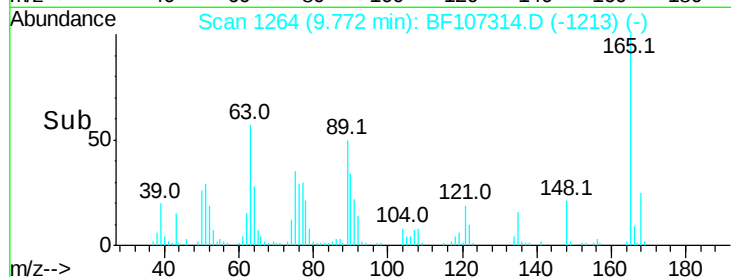
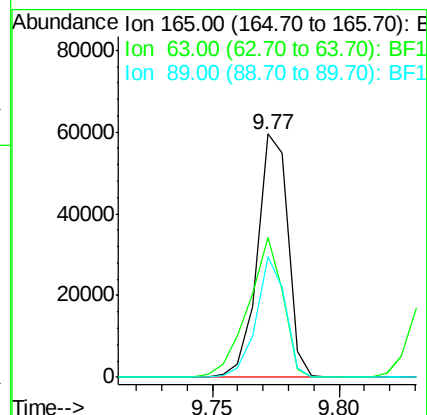
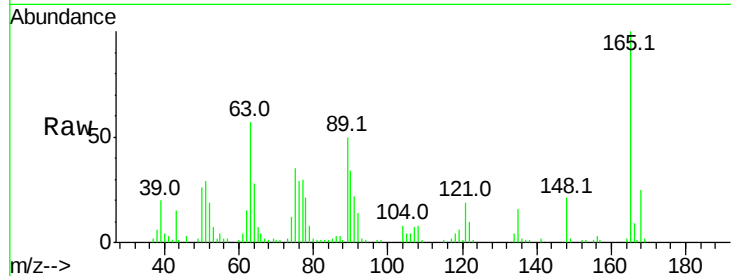


#50
2,6-Dinitrotoluene
Concen: 28.005 ng
RT: 9.77 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

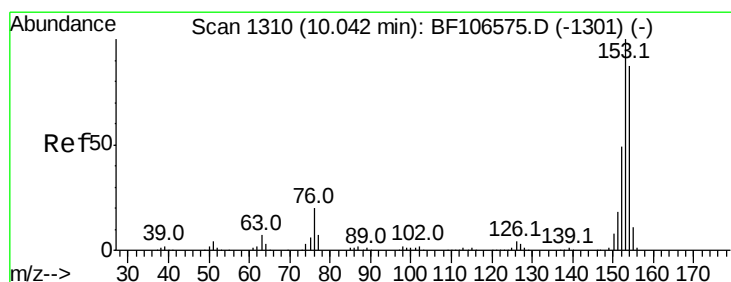
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.3	44.7	67.1	
89	49.7	44.0	66.0	

Manual Integrations
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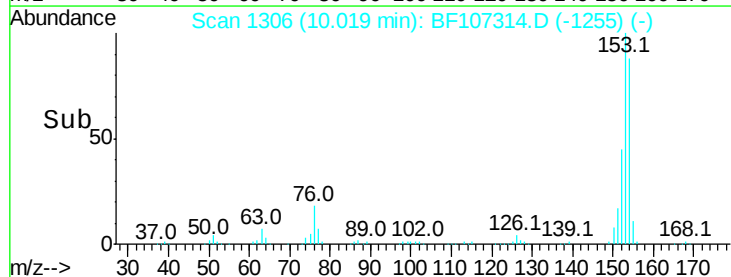
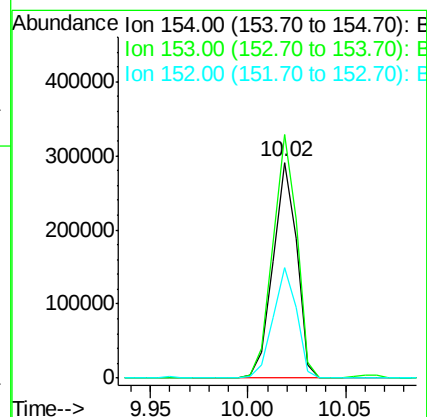
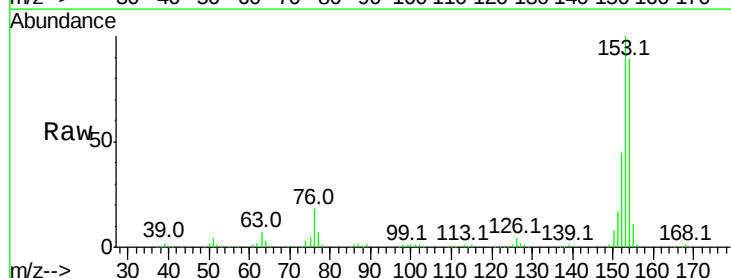
Sohil

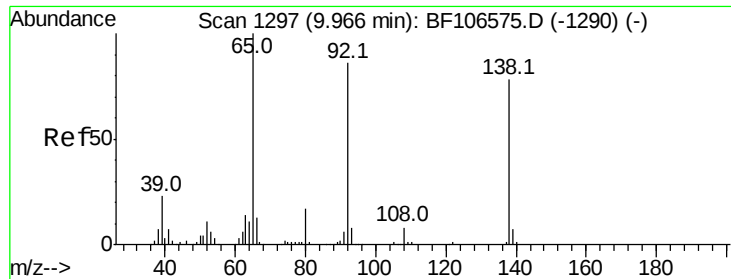
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#51
Acenaphthene
Concen: 34.985 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.0	91.2	136.8	
152	51.1	43.8	65.8	





#52

3-Nitroaniline

Concen: 29.395 ng

RT: 9.95 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

BNA_F

ClientSampleId :

EP-12-WIMS

Tot Ion:138 Resp: 60534

Ion Ratio Lower Upper

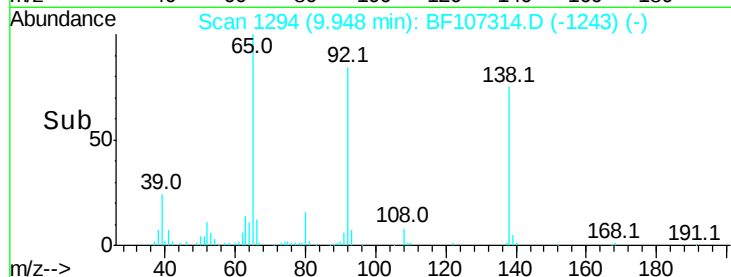
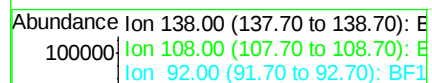
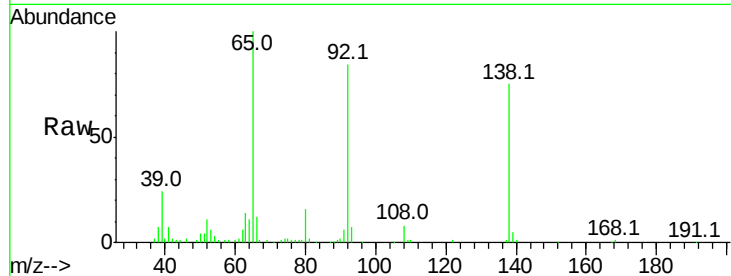
138 100

108 10.5 9.4 14.0

92 111.4 89.4 134.2

Manual Integrations

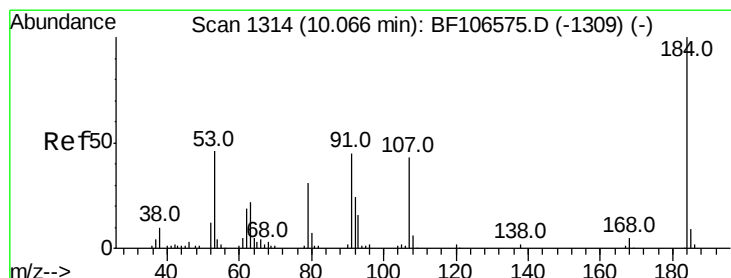
APPROVED



Time-->

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#53

2,4-Dinitrophenol

Concen: 5.472 ng

RT: 10.09 min Scan# 1318

Delta R.T. 0.02 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

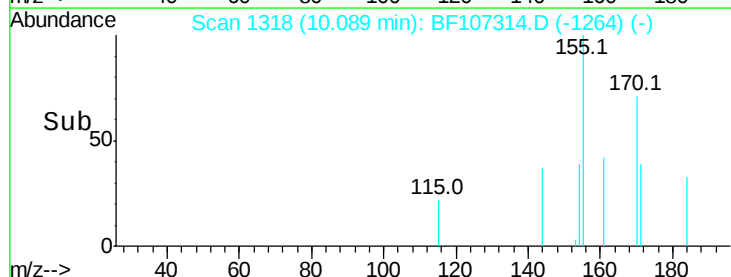
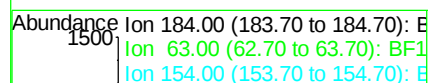
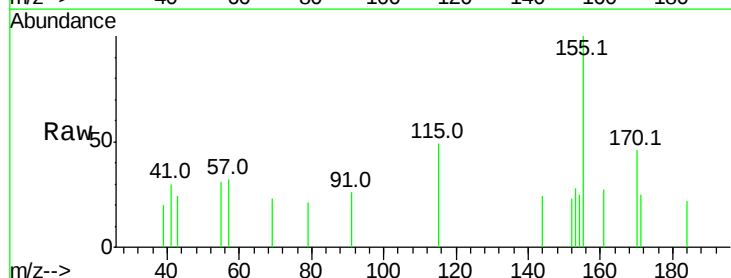
Tgt Ion:184 Resp: 119

Ion Ratio Lower Upper

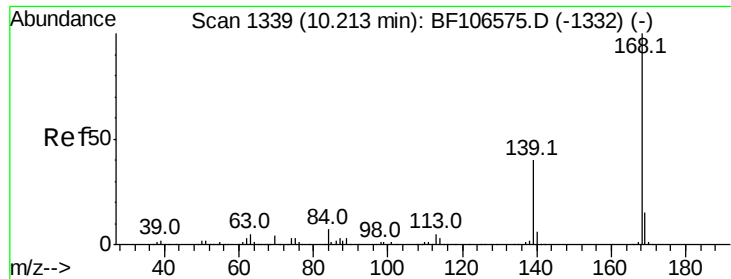
184 100

63 0.0 54.2 81.2#

154 117.3 184.0 276.0#



Time-->

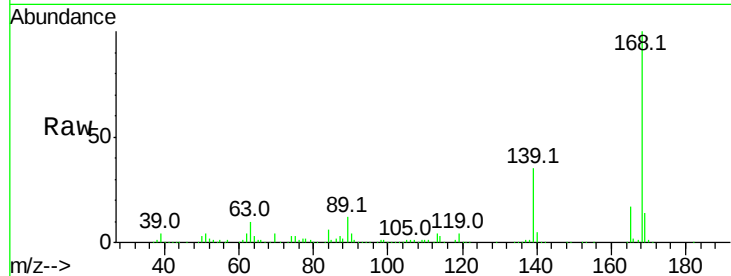


#54
Dibenzenofuran
Concen: 36.049 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

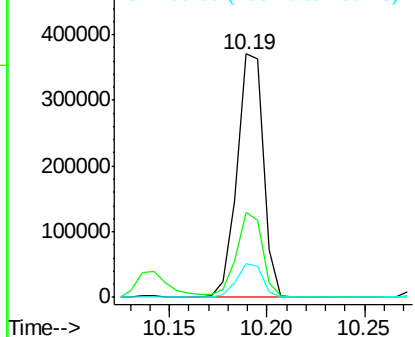
Instrument :
BNA_F
ClientSampled :
EP-12-W1MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	34.9		30.1	45.1
169	13.7		10.9	16.3

Manual Integrations
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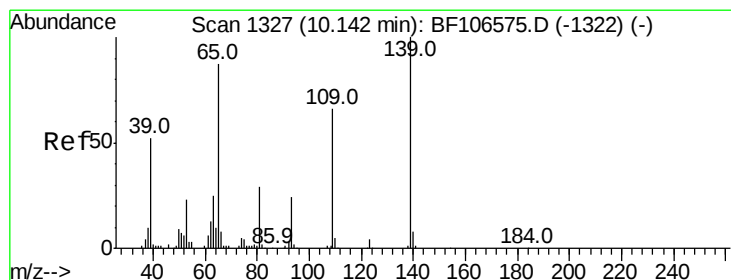


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



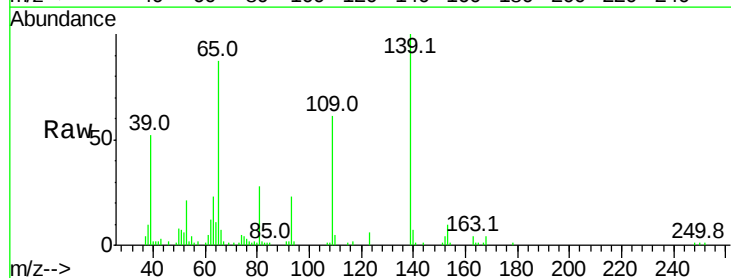
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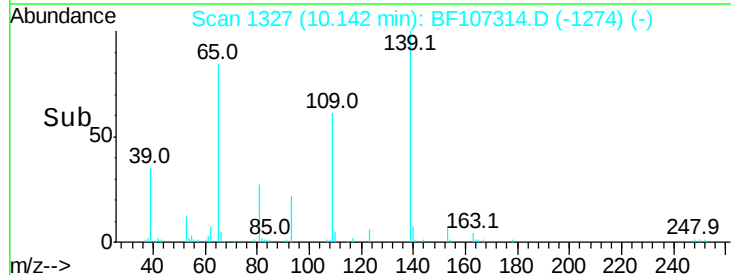
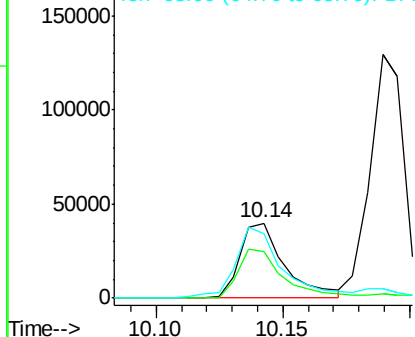


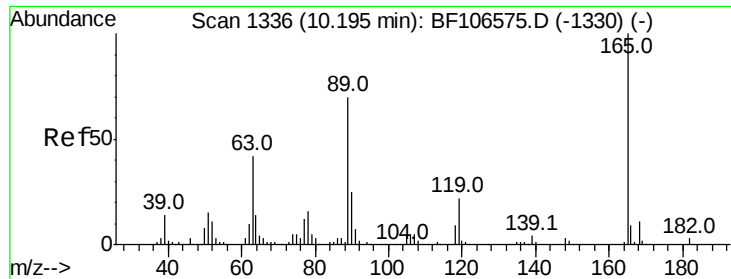
#55
4-Nitrophenol
Concen: 34.033 ng
RT: 10.14 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	61.3		48.4	88.4
65	86.6		72.6	112.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



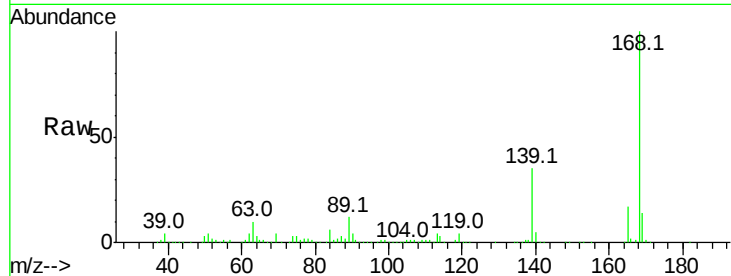


#56
2,4-Dinitrotoluene
Concen: 23.022 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampled :
EP-12-W1MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.9	36.4	54.6#
89	70.0	57.8	86.6
182	2.4	1.6	2.4#

Manual Integrations
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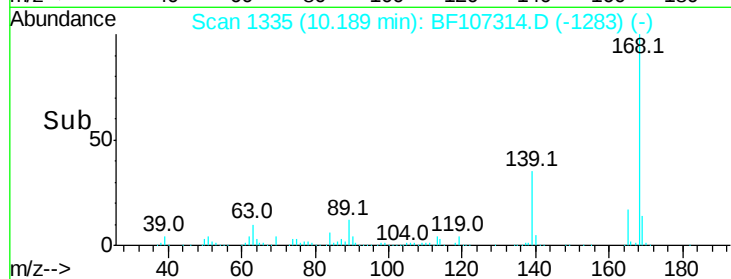
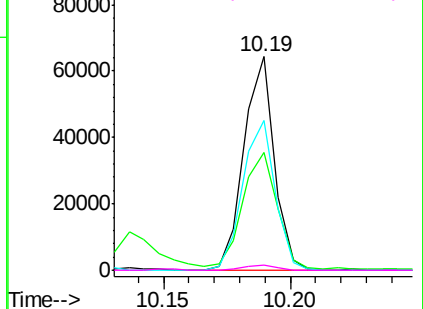


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

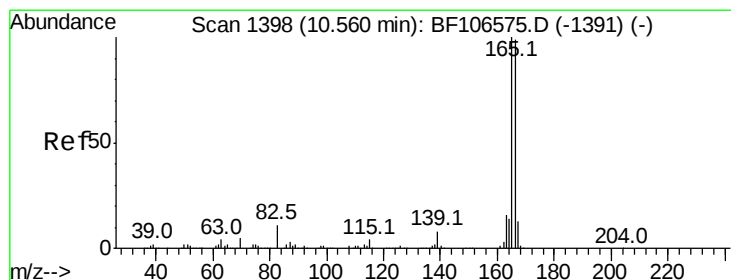
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



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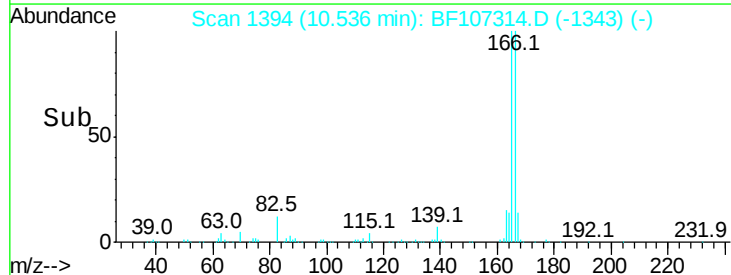
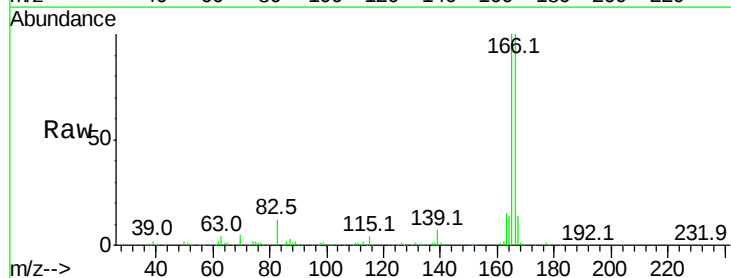
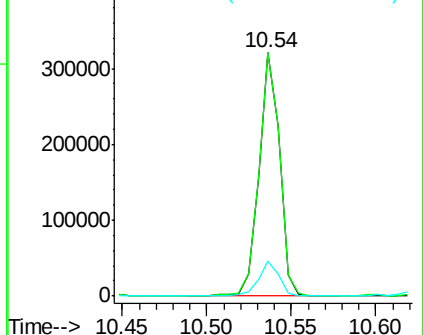
#57
Fluorene
Concen: 35.782 ng
RT: 10.54 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

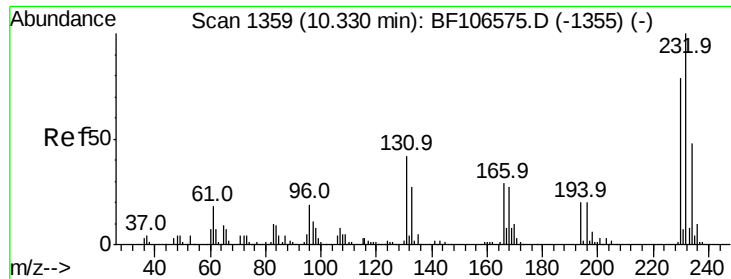
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.8	119.8
167	14.2	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 30.282 ng

RT: 10.32 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MS

Tot Ion:232 Resp: 63359
Ion Ratio Lower Upper

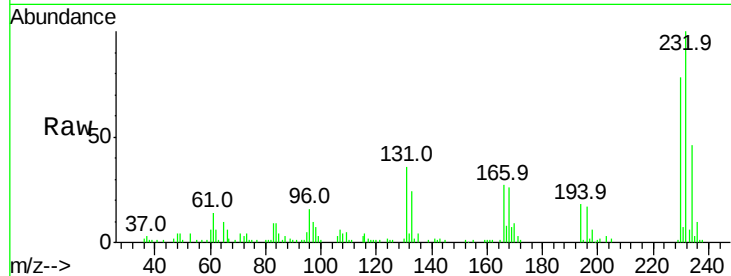
232 100

131 33.5 43.8 65.8#

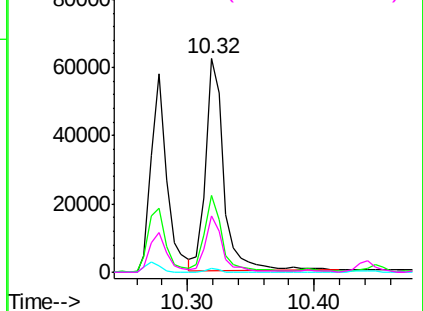
130 1.4 2.1 3.1#

166 24.2 27.8 41.6#

Manual Integrations
APPROVED

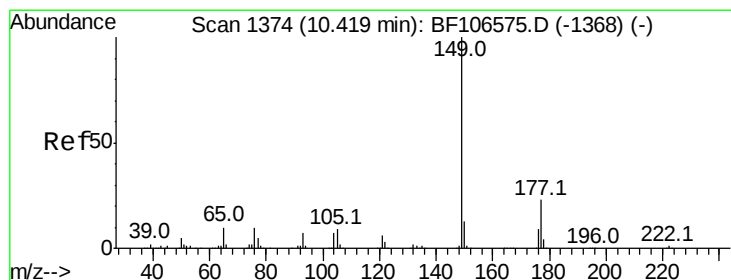
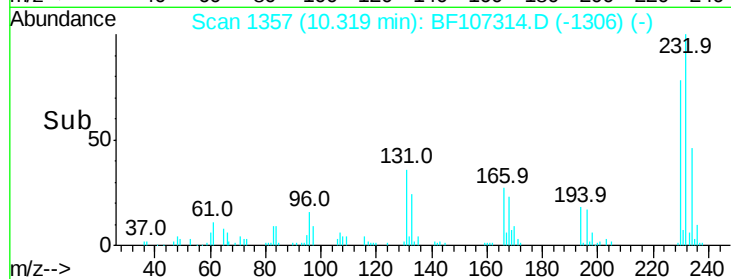


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



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#59

Diethylphthalate

Concen: 32.003 ng

RT: 10.40 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BF107314.D

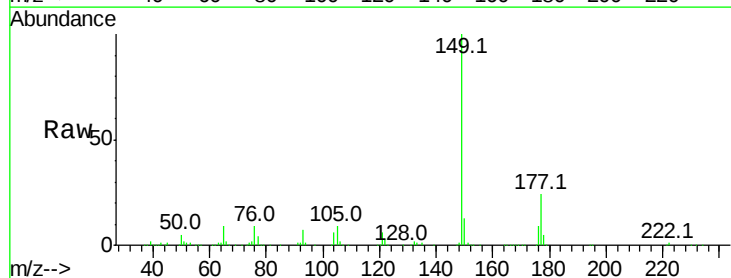
Acq: 11 Jul 2018 21:33

Tgt Ion:149 Resp: 261051
Ion Ratio Lower Upper

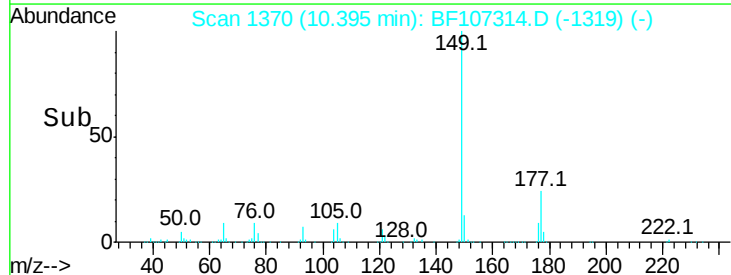
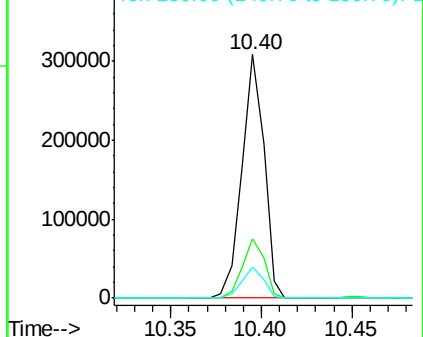
149 100

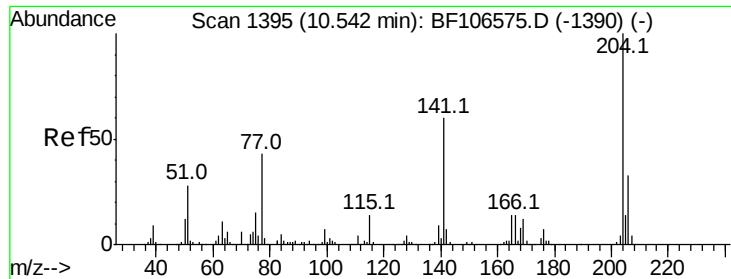
177 24.1 16.1 24.1#

150 12.7 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



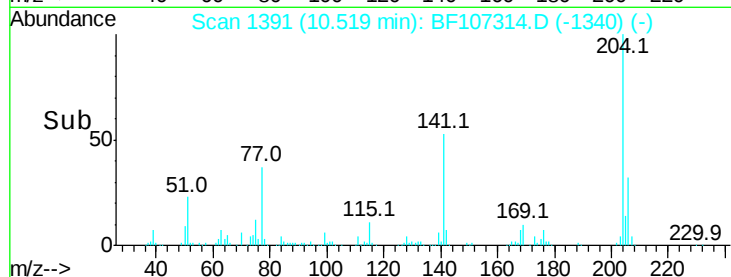
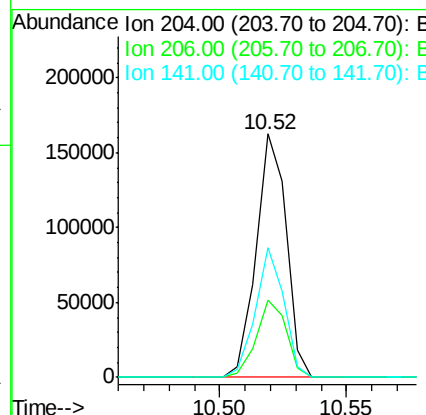
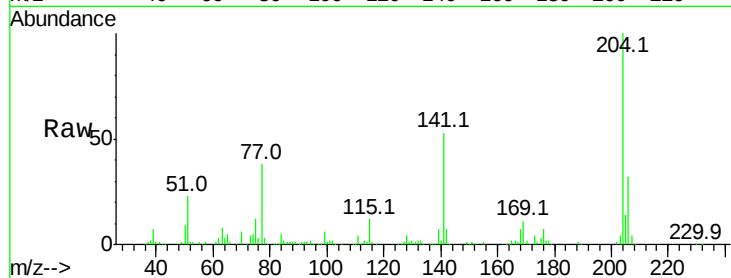


#60
4-Chlorophenyl-phenylether
Concen: 33.704 ng
RT: 10.52 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

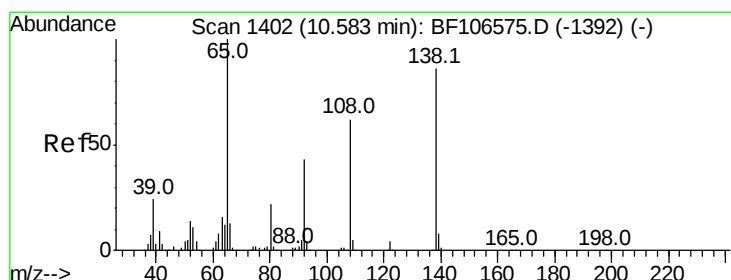
Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.5	39.7
141	53.3	54.6	81.8#

Manual Integrations
APPROVED



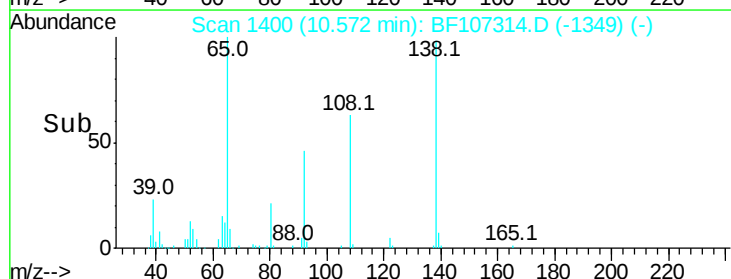
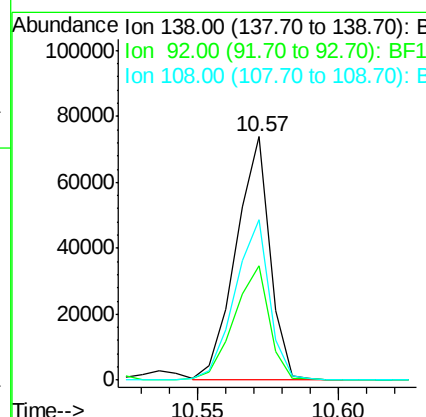
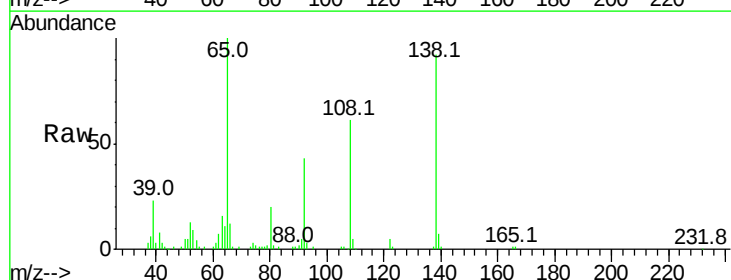
Sohil

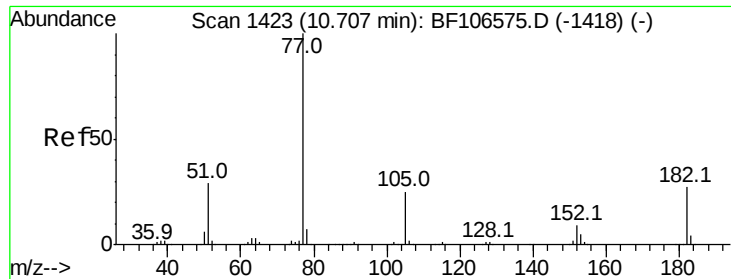
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#61
4-Nitroaniline
Concen: 30.201 ng
RT: 10.57 min Scan# 1400
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	30.2	70.2
108	65.9	52.5	92.5



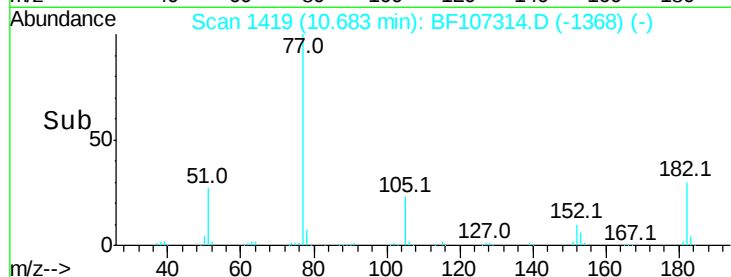
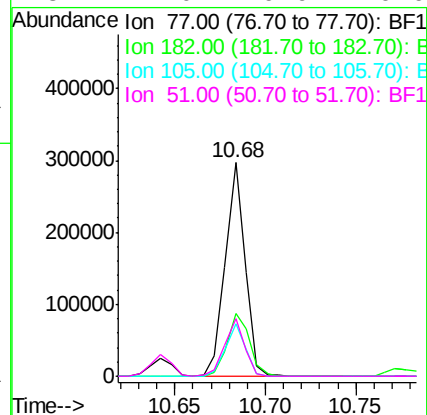
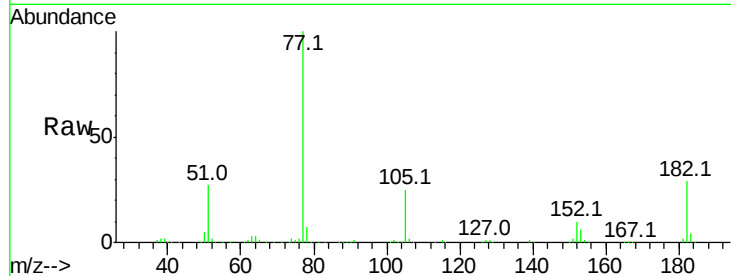


#62
Azobenzene
Concen: 28.007 ng
RT: 10.68 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

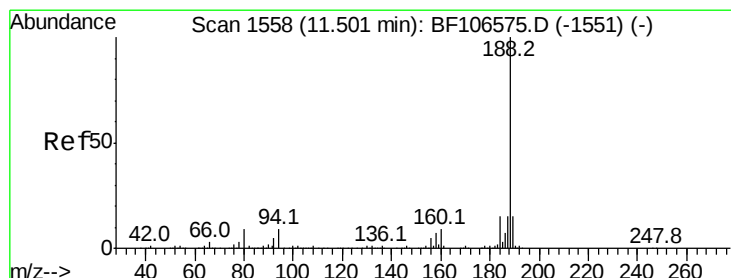
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.5	1.7	41.7	
105	24.6	3.0	43.0	
51	27.0	9.9	49.9	

Manual Integrations
APPROVED



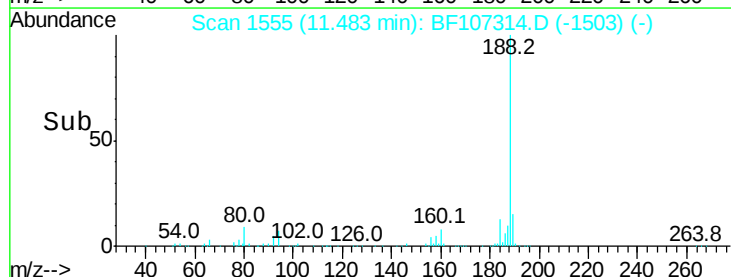
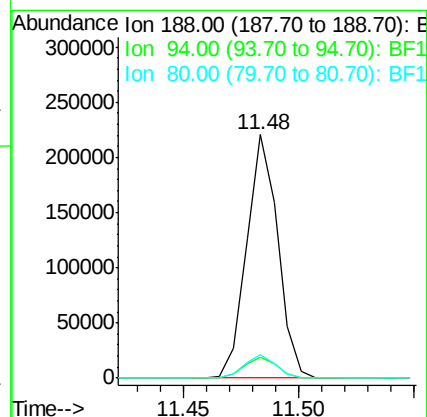
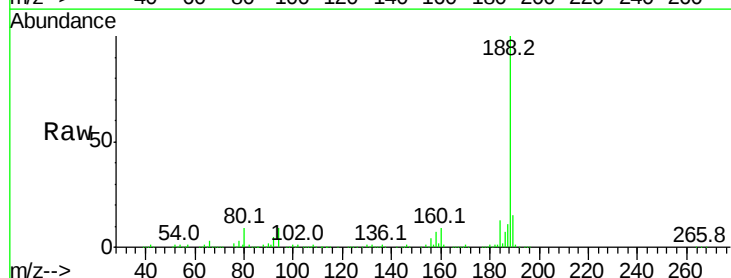
Sohil

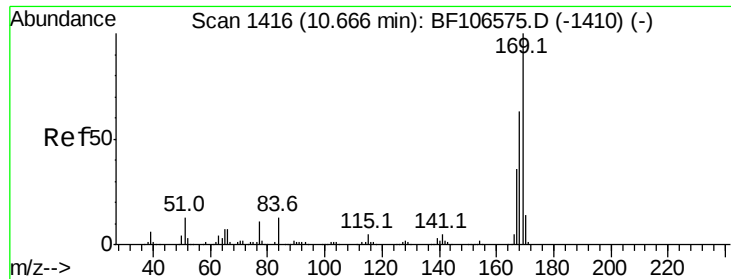
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	8.5	12.7	
80	9.5	9.2	13.8	



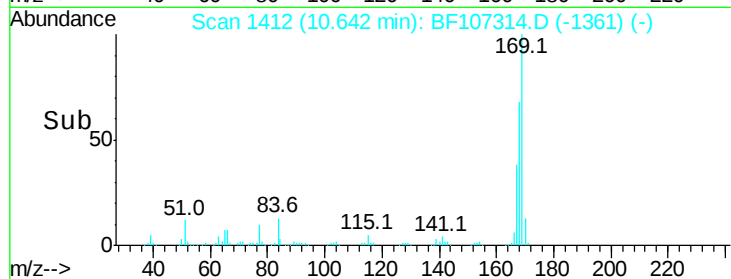
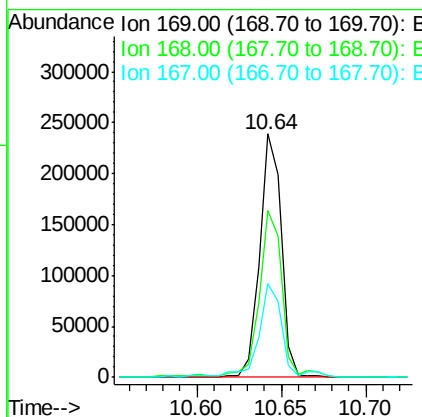
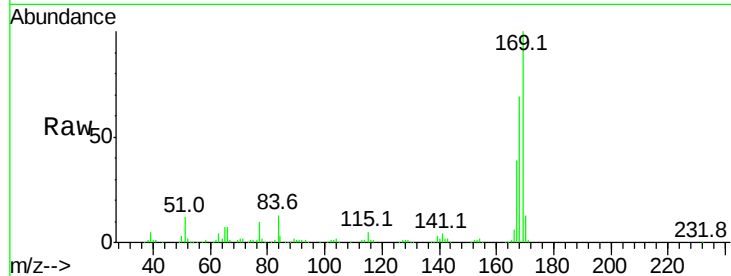


#65
n-Nitrosodiphenylamine
Concen: 30.499 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

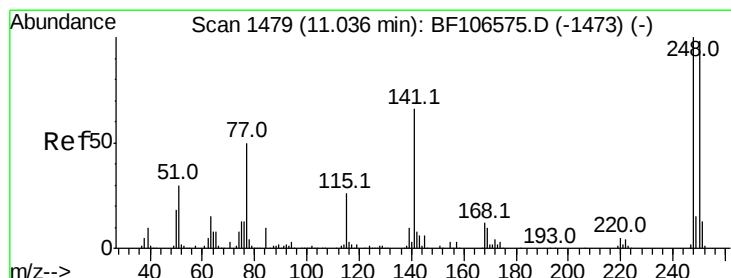
Tot Ion	Ratio	Resp	Lower	Upper
169	100	213437		
168	68.7		54.4	81.6
167	38.5		29.8	44.6

Manual Integrations
APPROVED



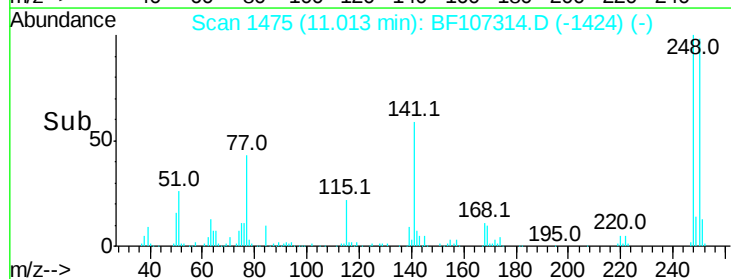
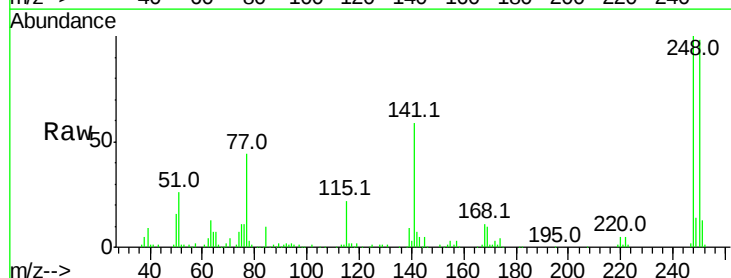
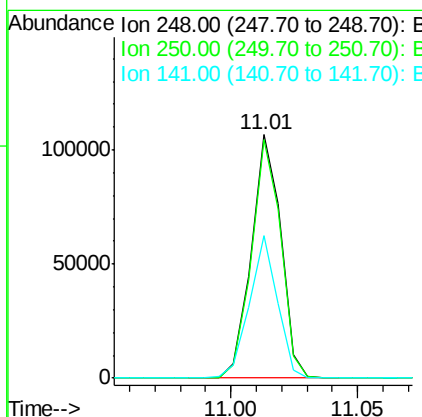
Sohil

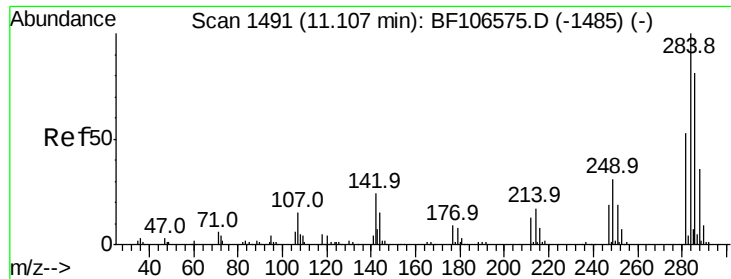
7/12/2018 2:19:47 PM



#66
4-Bromophenyl-phenylether
Concen: 34.860 ng
RT: 11.01 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	86561		
250	97.9		76.9	115.3
141	58.8		74.4	111.6#





#67

Hexachlorobenzene

Concen: 33.681 ng

RT: 11.09 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

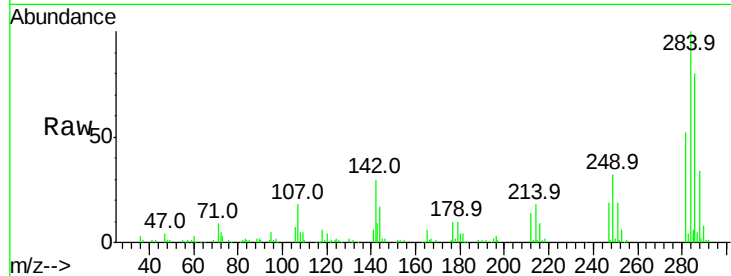
BNA_F

ClientSampleId :

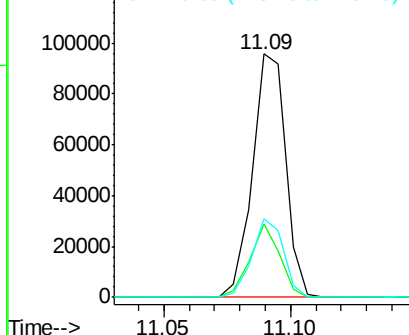
EP-12-W1MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.0	34.6	52.0#
249	32.2	24.8	37.2

Manual Integrations
APPROVED

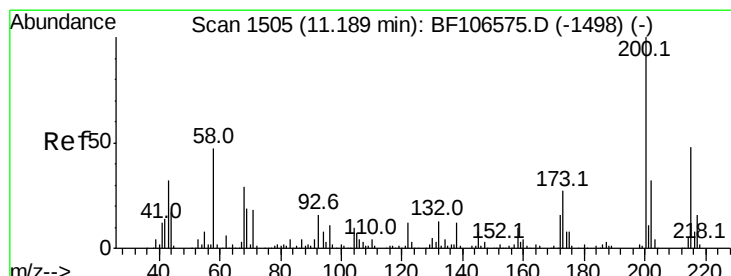
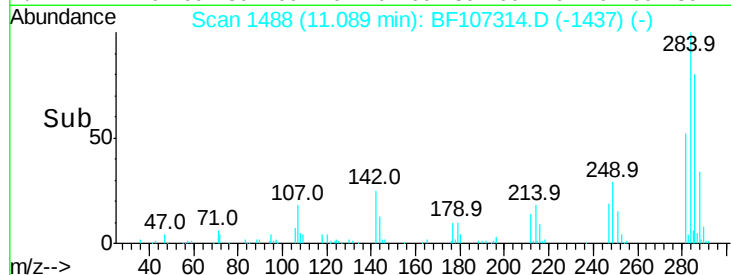


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Sohil

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#68

Atrazine

Concen: 29.202 ng

RT: 11.17 min Scan# 1502

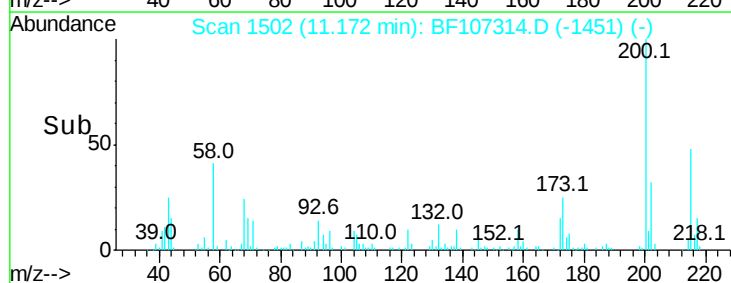
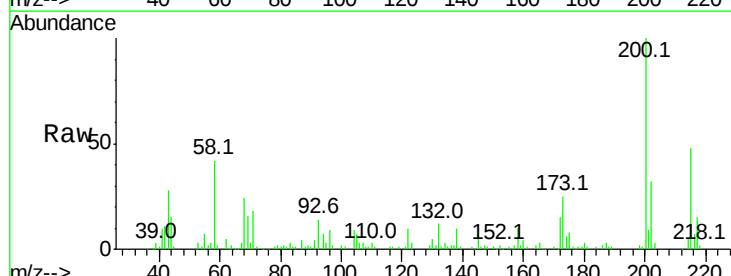
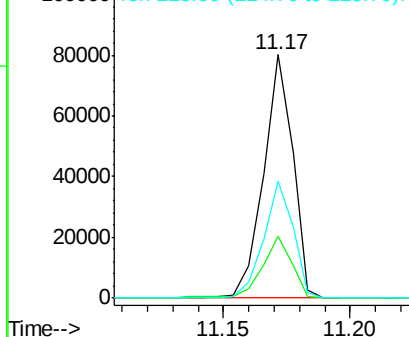
Delta R.T. 0.00 min

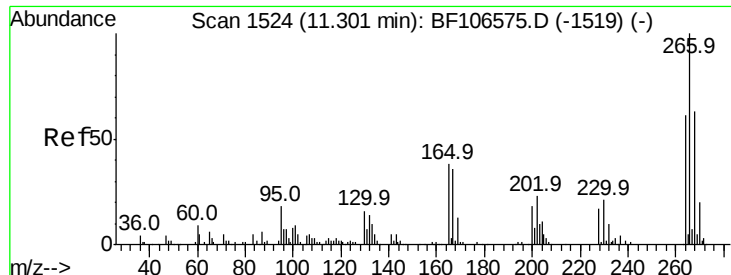
Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	8.6	48.6
215	48.1	25.1	65.1

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



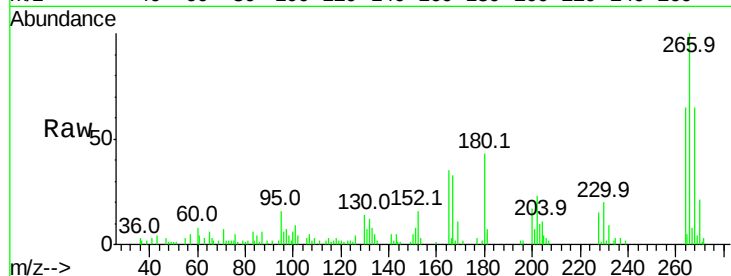


#69
 Pentachlorophenol
 Concen: 30.792 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

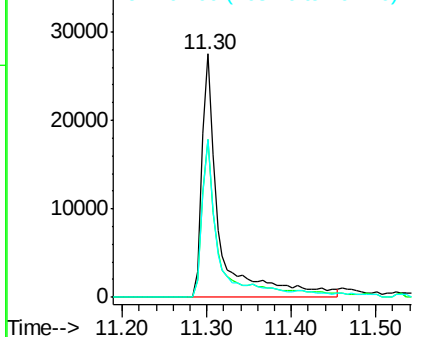
Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MS

Tot Ion:	266	Resp:	39929
Ion Ratio	Lower	Upper	
266	100		
268	65.0	51.1	76.7
264	65.1	49.5	74.3

Manual Integrations
 APPROVED

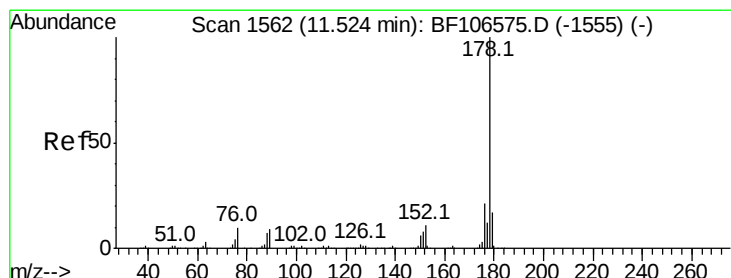
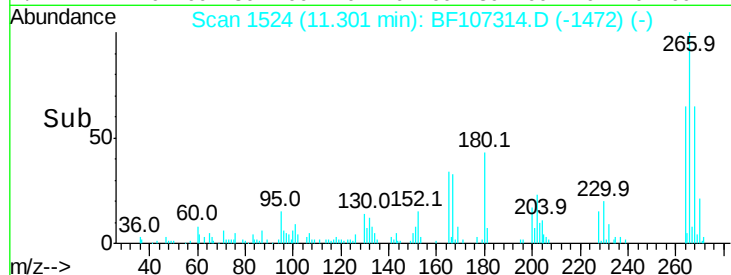


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



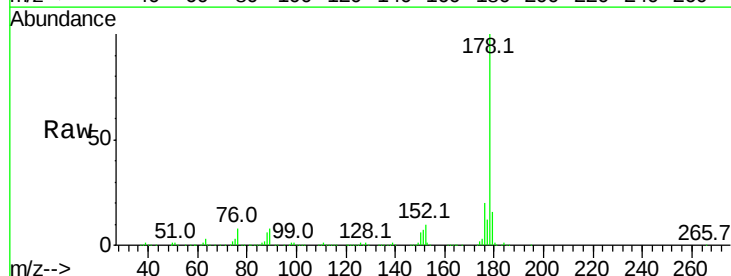
Sohil

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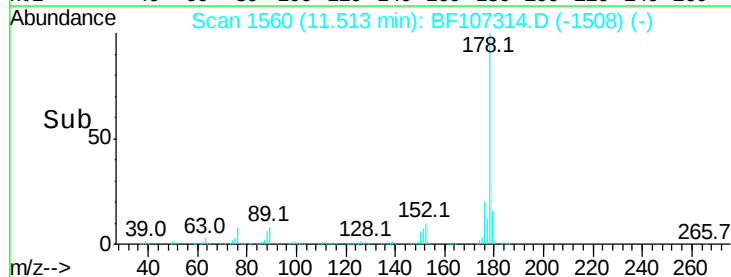
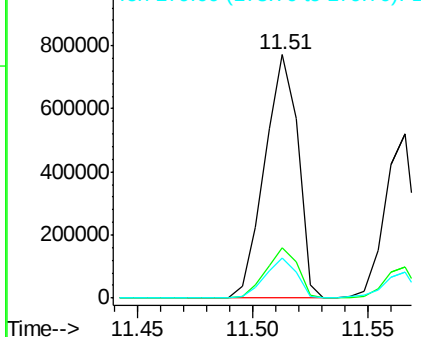


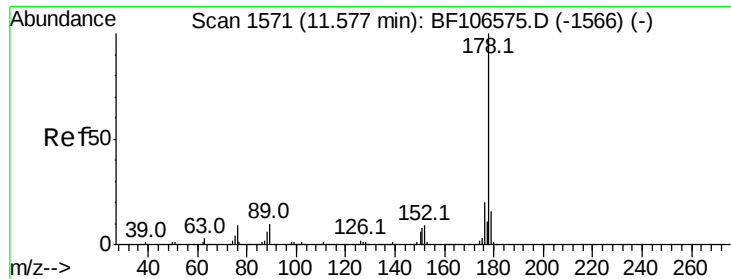
#70
 Phenanthrene
 Concen: 76.930 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Tgt Ion:	178	Resp:	772012
Ion Ratio	Lower	Upper	
178	100		
176	20.5	15.8	23.8
179	16.4	13.0	19.6



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



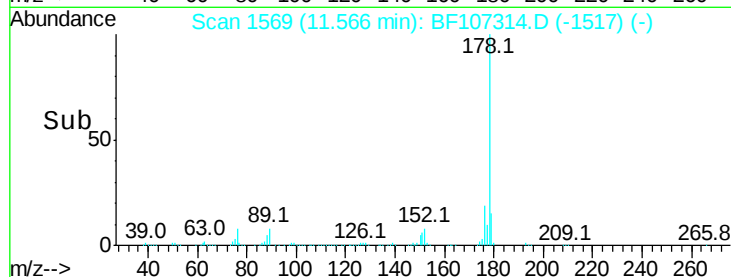
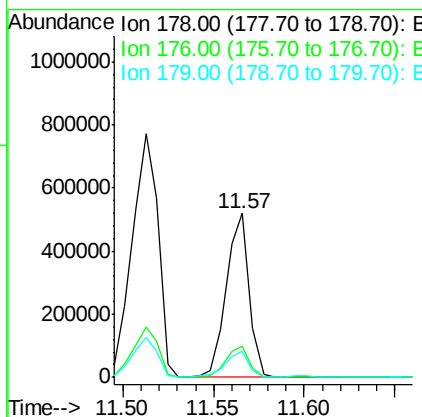
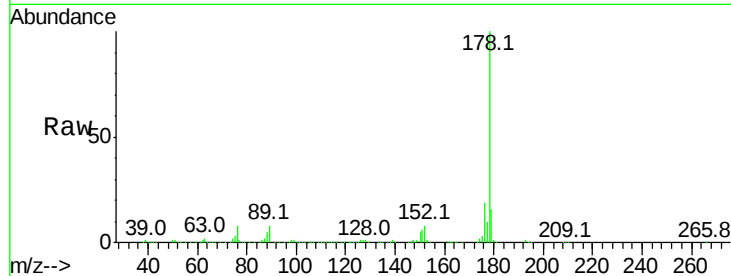


#71
 Anthracene
 Concen: 44.385 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MS

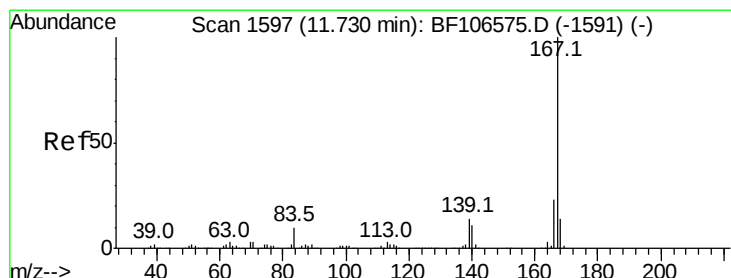
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.6	19.0

Manual Integrations
 APPROVED



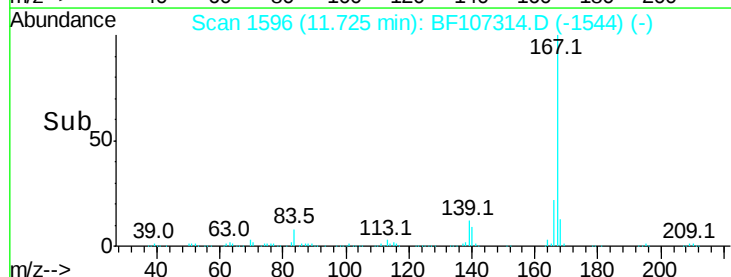
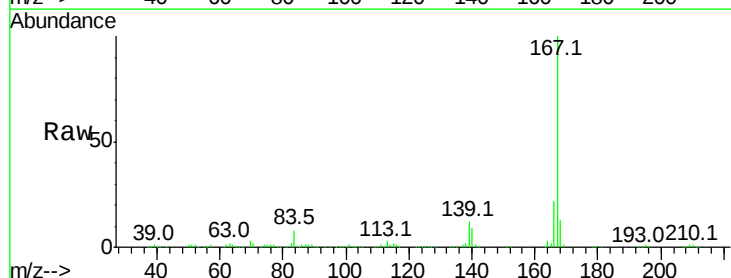
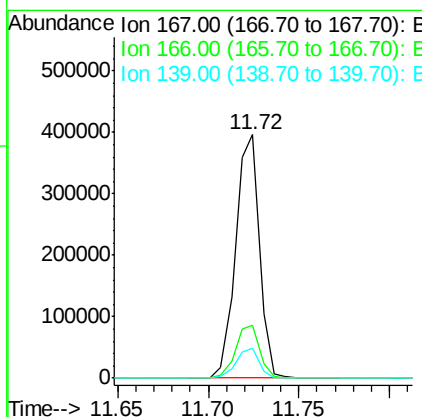
Sohil

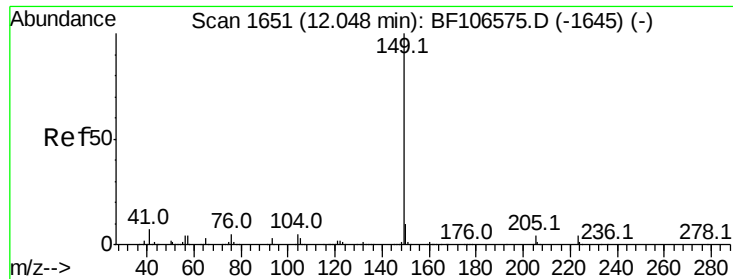
7/12/2018 2:19:47 PM



#72
 Carbazole
 Concen: 37.751 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	12.0	10.9	16.3



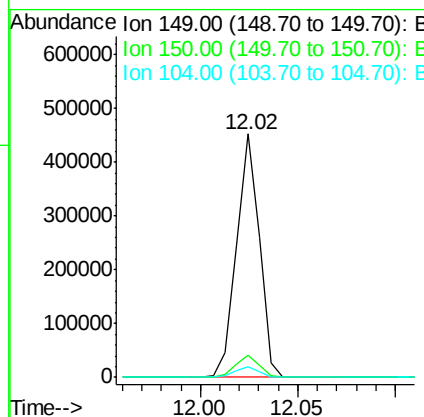
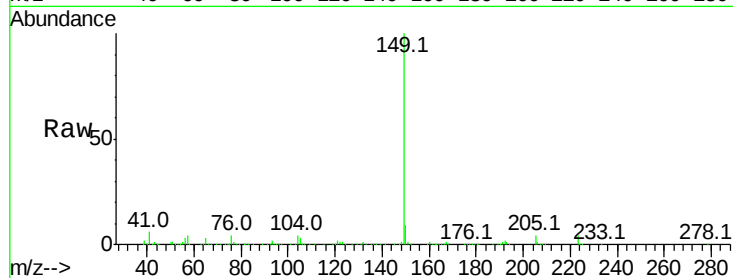


#73
Di-n-butylphthalate
Concen: 32.428 ng
RT: 12.02 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

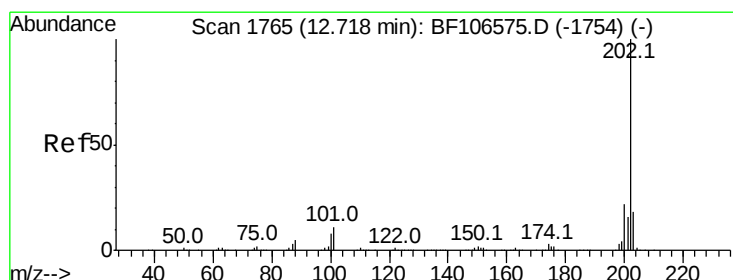
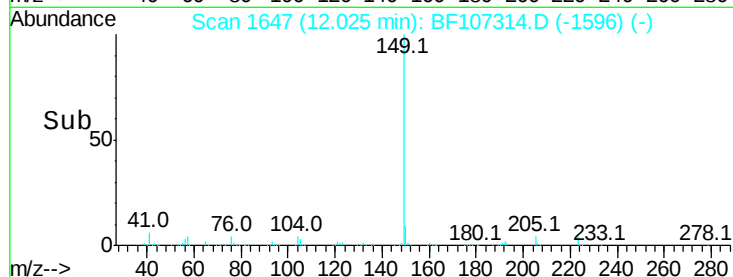
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
APPROVED



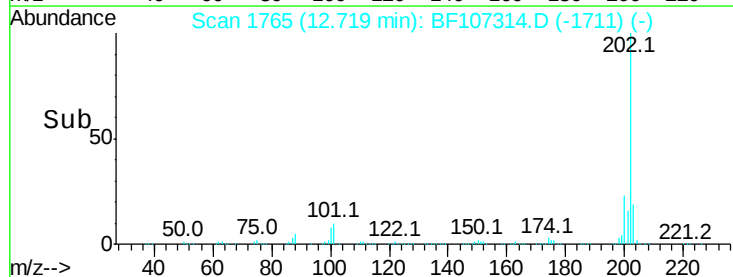
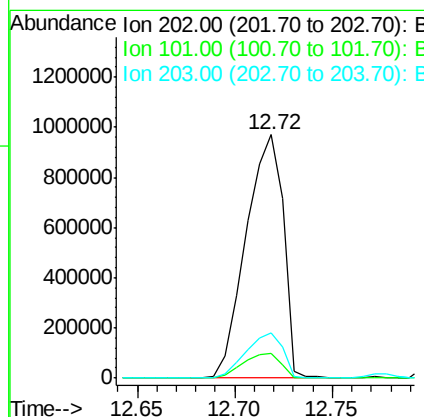
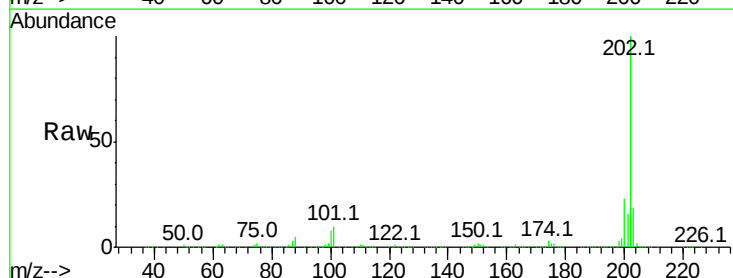
Sohil

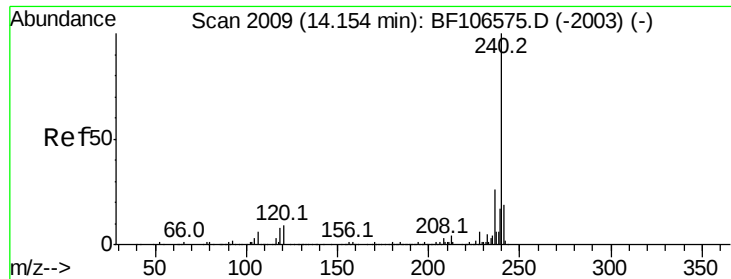
7/12/2018 2:19:47 PM



#74
Fluoranthene
Concen: 115.769 ng
RT: 12.72 min Scan# 1765
Delta R.T. 0.02 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	34.1
203	18.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

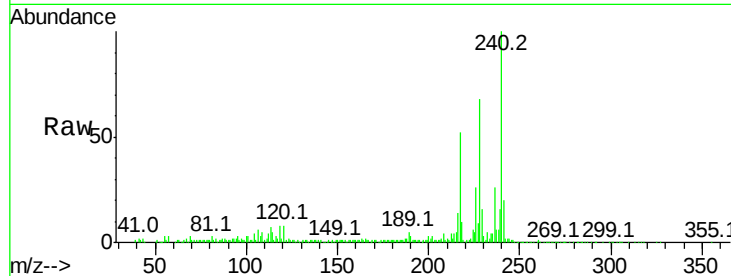
BNA_F

ClientSampleId :

EP-12-W1MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	25.8	20.7	31.1

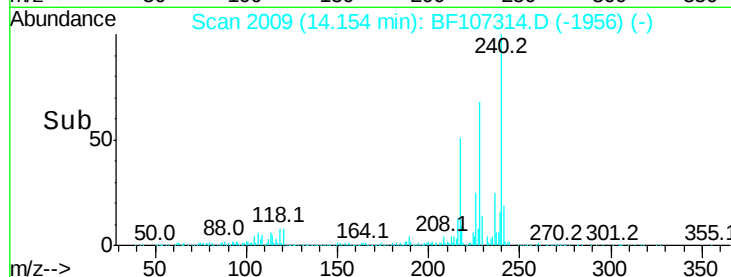
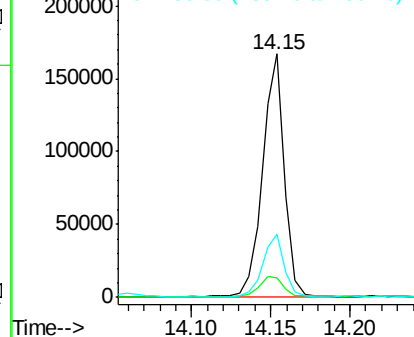
Manual Integrations
APPROVED



Abundance Ion 240.00 (239.70 to 240.70): E

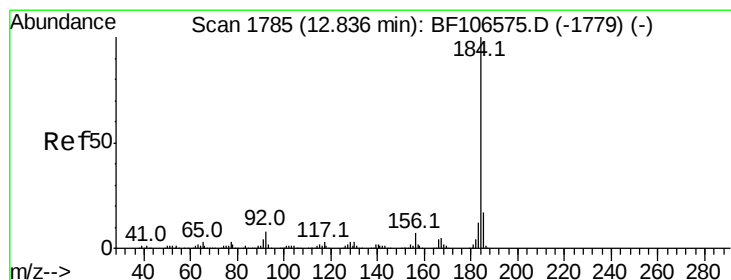
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Sohil

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#76

Benzidine

Concen: 18.496 ng

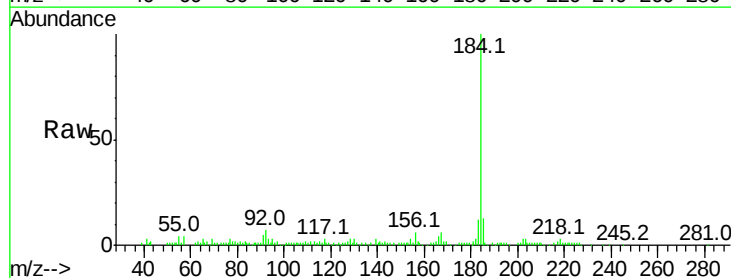
RT: 12.83 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

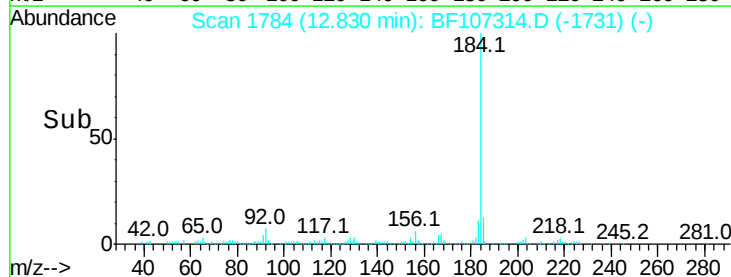
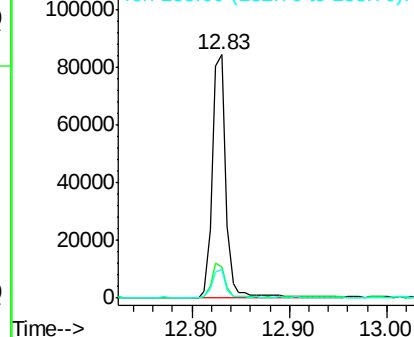
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.0	12.6	18.8
183	11.6	9.3	13.9

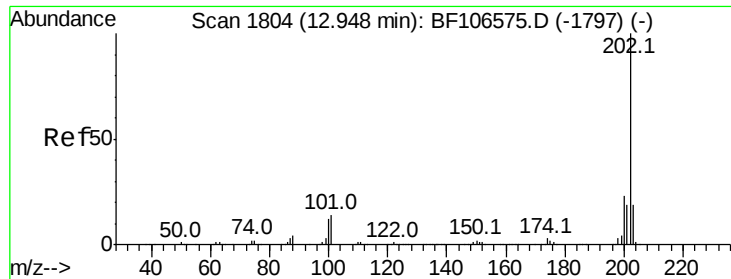


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



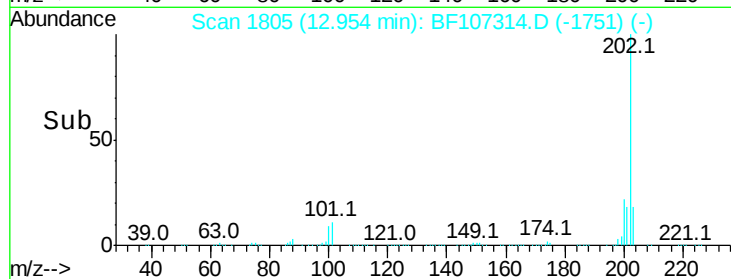
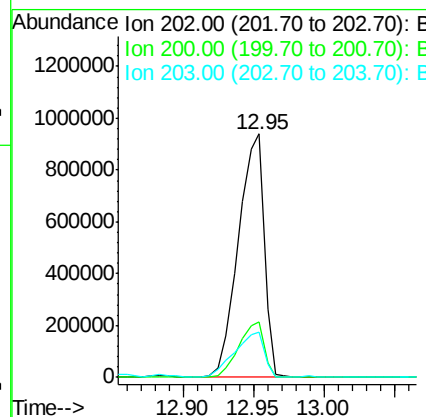
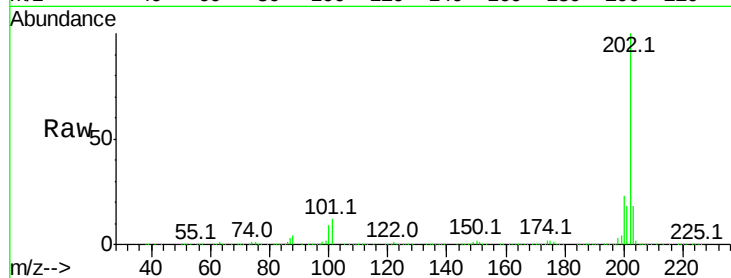


#77
Pvrene
Concen: 114.054 ng
RT: 12.95 min Scan# 1805
Delta R.T. 0.02 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampled :
EP-12-W1MS

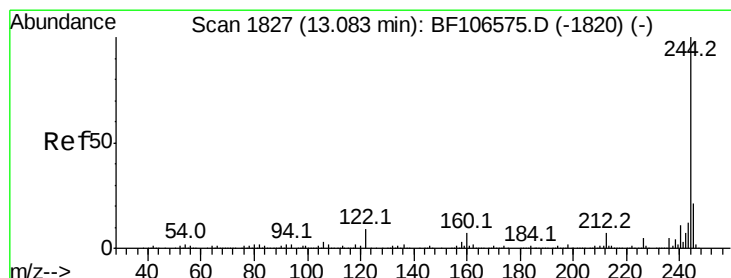
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.4	26.2
203	18.4	14.3	21.5

Manual Integrations
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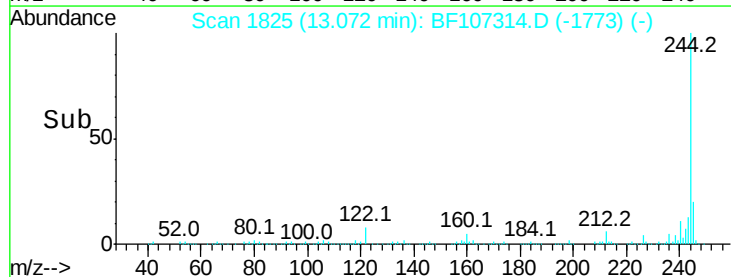
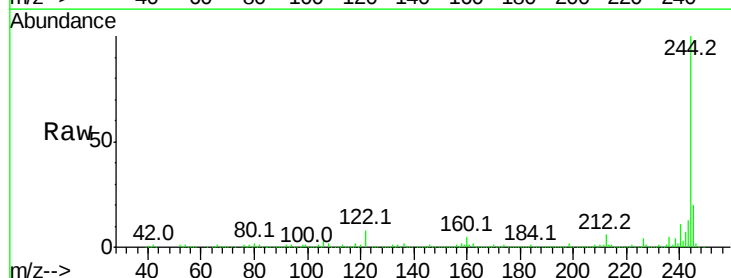
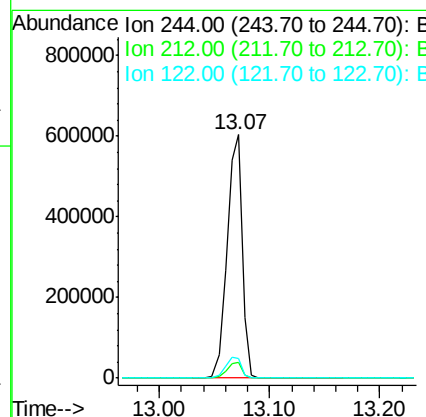
Sohil

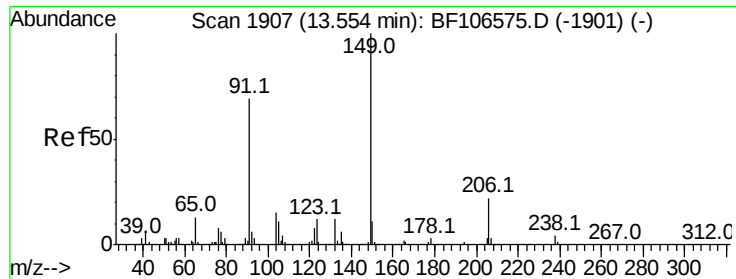
7/12/2018 2:19:47 PM



#78
Terphenyl-d14
Concen: 88.321 ng
RT: 13.07 min Scan# 1825
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.0
122	8.0	11.0	16.4#



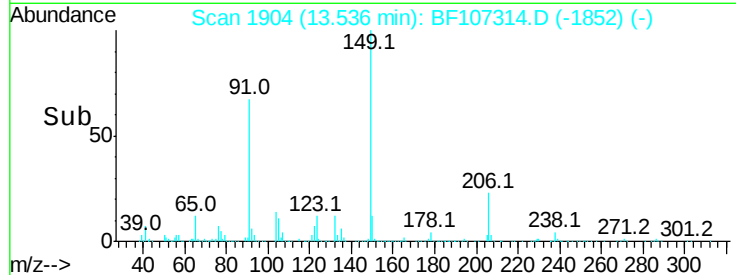
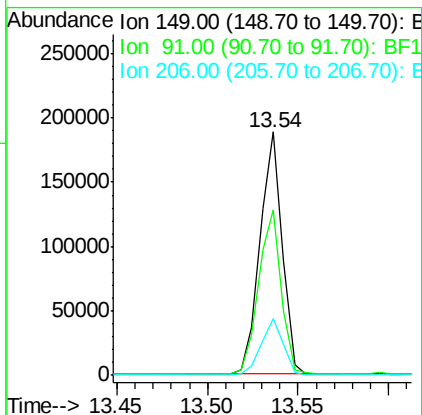
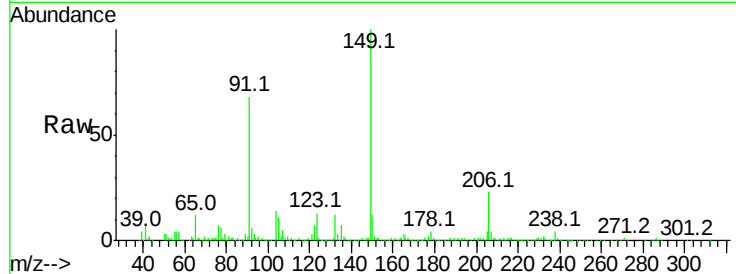


#79
Butylbenzylphthalate
Concen: 37.028 ng
RT: 13.54 min Scan# 1904
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

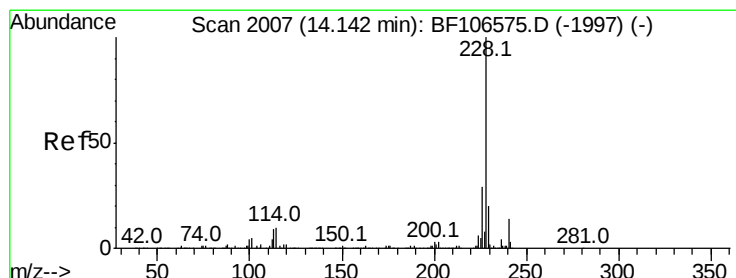
Tot Ion:	149	Resp:	159416
Ion Ratio	Lower	Upper	
149	100		
91	67.8	56.8	85.2
206	23.5	14.1	21.1

Manual Integrations
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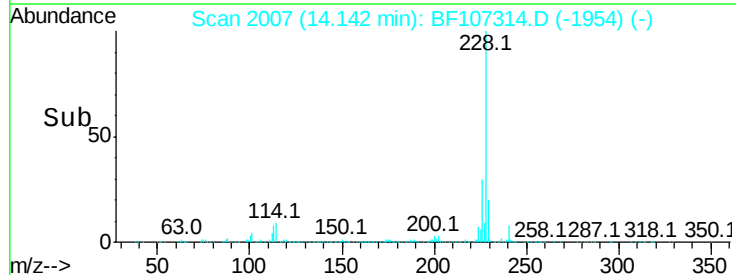
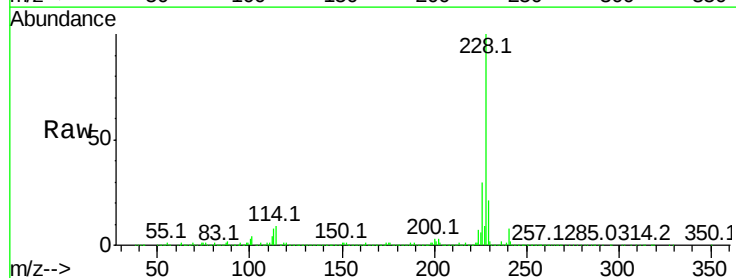
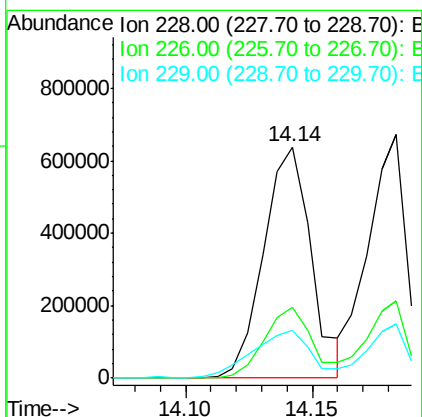
Sohil

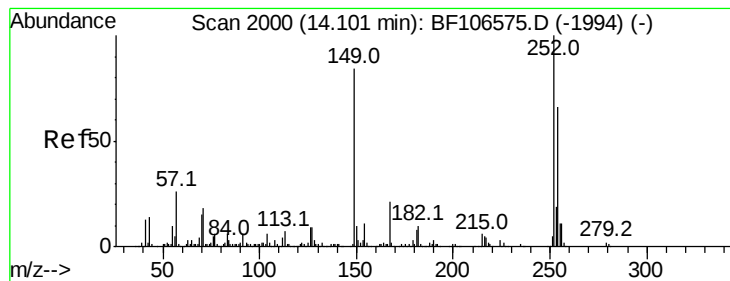
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#80
Benzo(a)anthracene
Concen: 85.556 ng
RT: 14.14 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion:	228	Resp:	828015
Ion Ratio	Lower	Upper	
228	100		
226	30.4	22.6	33.8
229	20.6	15.8	23.6



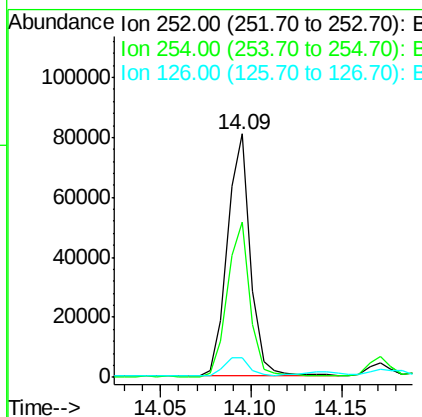
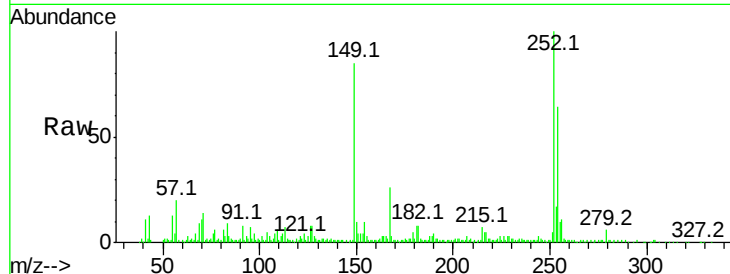


#81
 3,3'-Dichlorobenzidine
 Concen: 21.086 ng
 RT: 14.09 min Scan# 1999
 Delta R.T. 0.01 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Instrument :
 BNA_F
 ClientSampleId :
 EP-12-W1MS

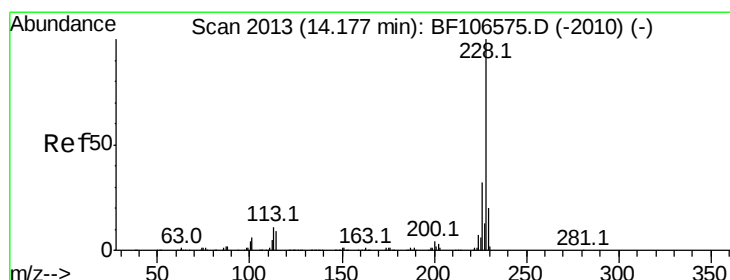
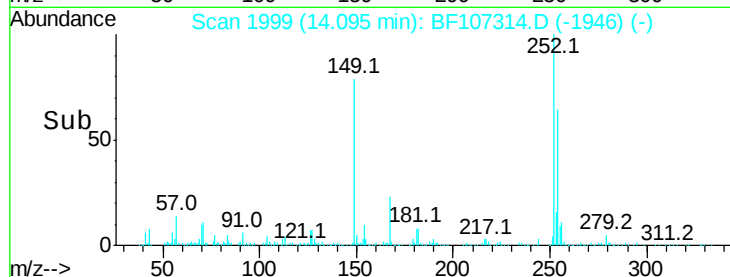
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	8.2	11.3	16.9

Manual Integrations
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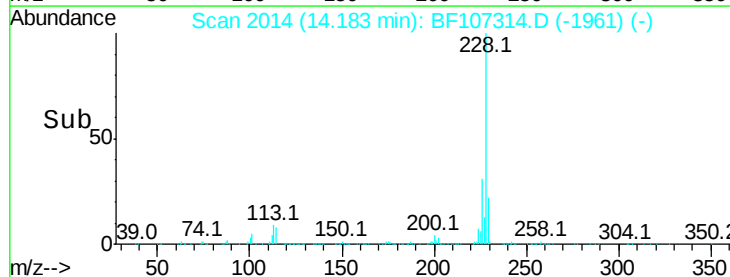
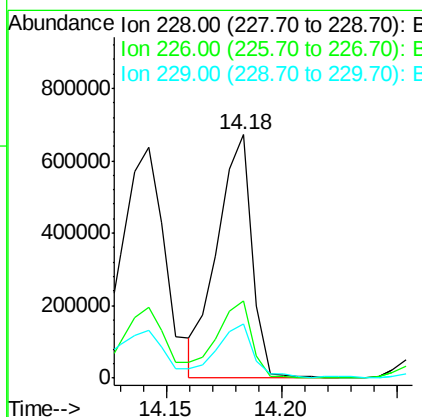
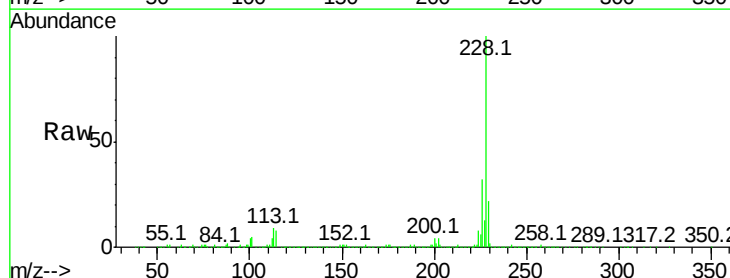
Sohil

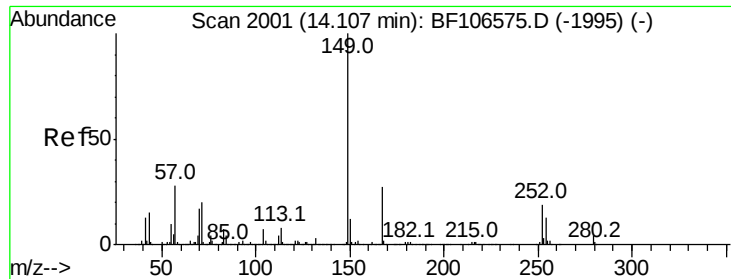
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#82
 Chrysene
 Concen: 78.175 ng
 RT: 14.18 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF107314.D
 Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	22.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.254 ng

RT: 14.09 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

Instrument :

BNA_F

ClientSampleId :

EP-12-W1MS

Tot Ion:149 Resp: 243583

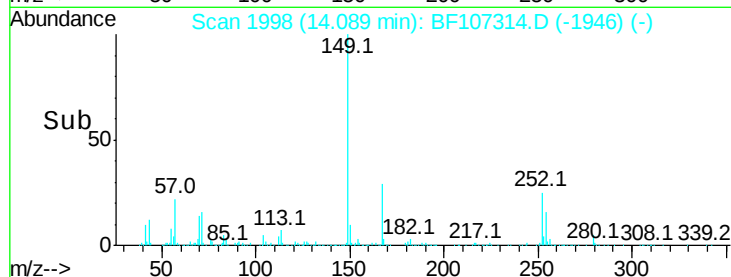
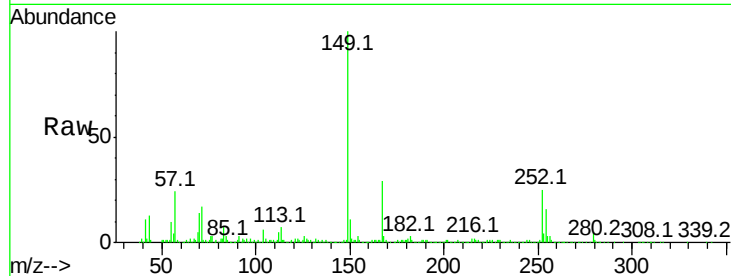
Ion Ratio Lower Upper

149 100

167 28.9 21.3 31.9

279 5.3 3.0 4.4#

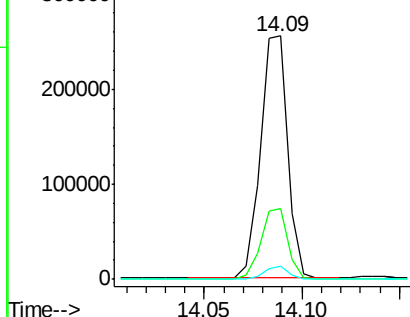
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E

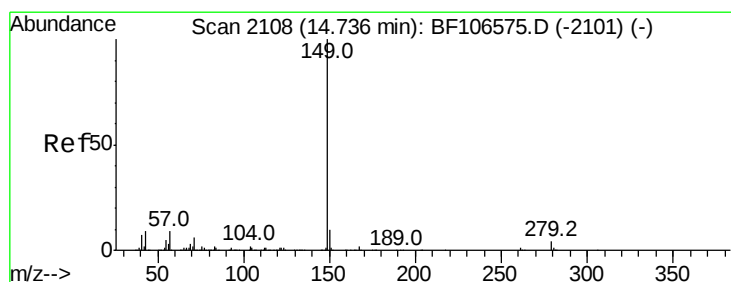
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Sohil

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#84

Di-n-octyl phthalate

Concen: 40.533 ng

RT: 14.71 min Scan# 2103

Delta R.T. 0.00 min

Lab File: BF107314.D

Acq: 11 Jul 2018 21:33

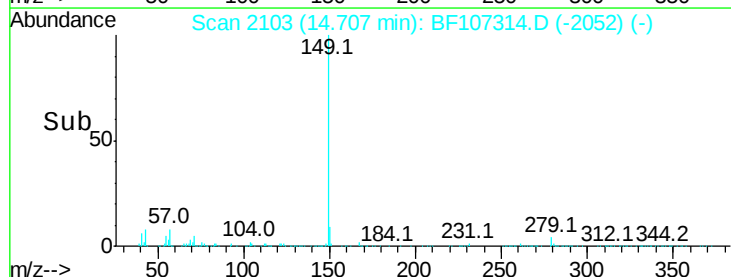
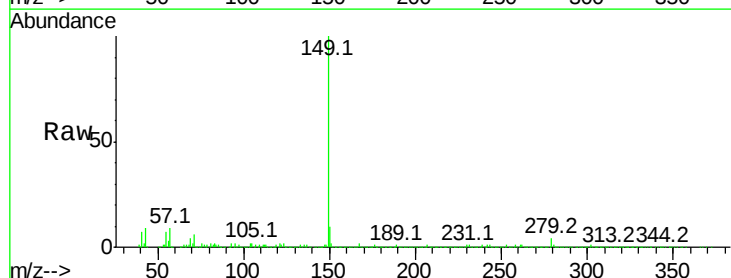
Tgt Ion:149 Resp: 363667

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

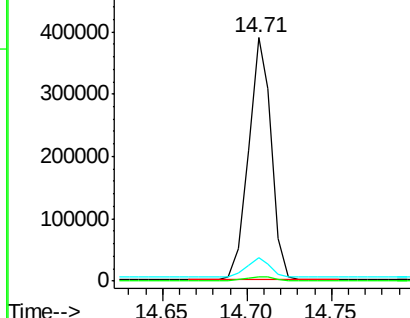
43 8.1 8.4 12.6#

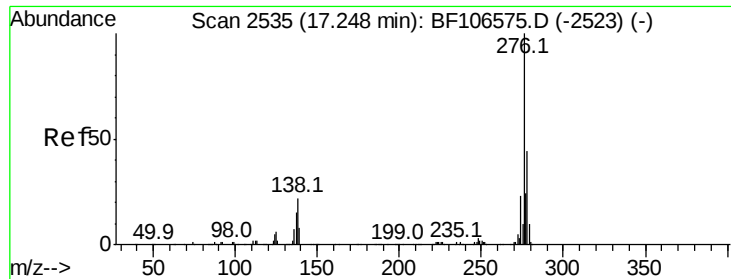


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



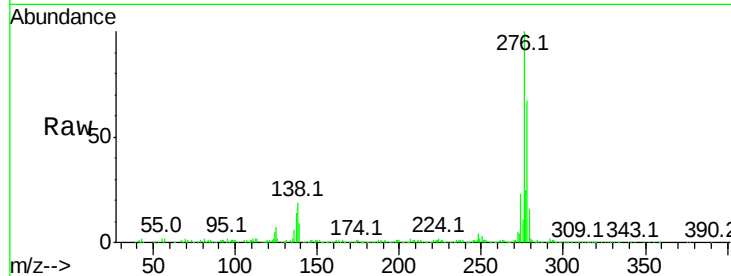


#85
Indeno(1,2,3-cd)pyrene
Concen: 63.330 ng
RT: 17.31 min Scan# 2545
Delta R.T. 0.03 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

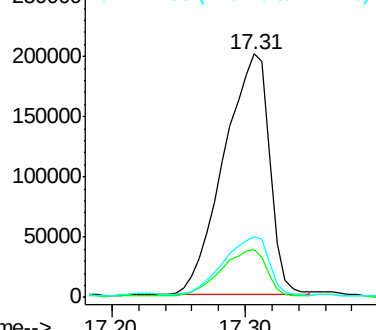
Instrument :
BNA_F
ClientSampled :
EP-12-W1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	25.0	37.6#
277	25.1	20.1	30.1

Manual Integrations
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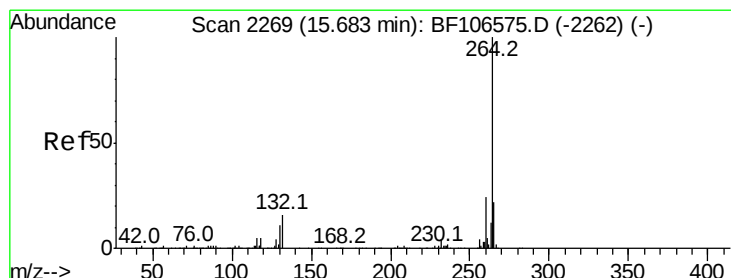
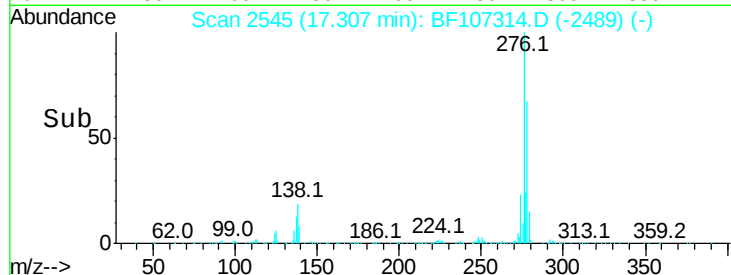


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



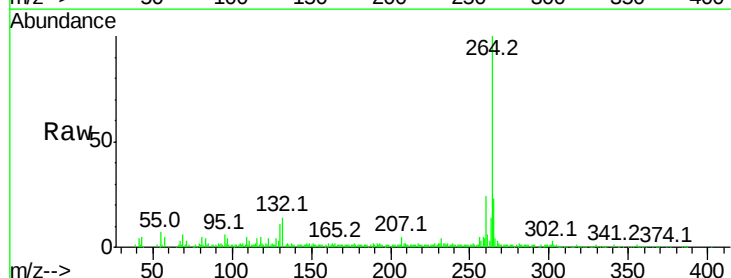
Sohil

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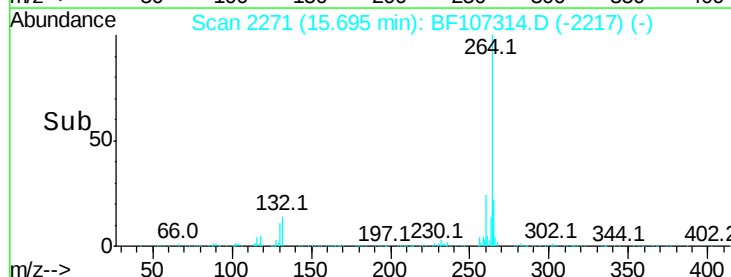
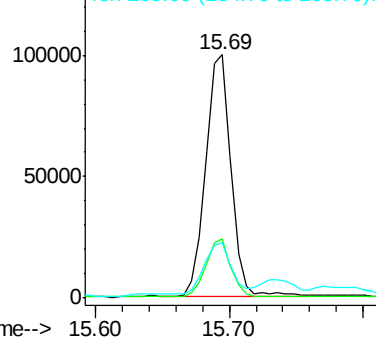


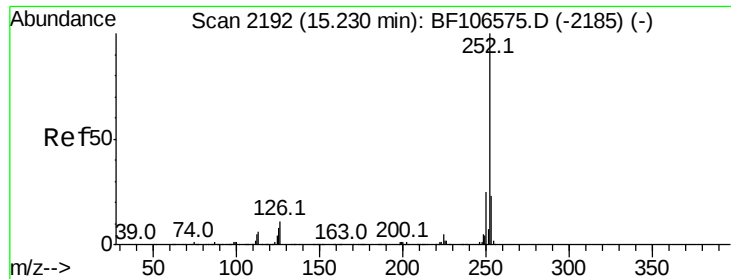
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. 0.02 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.7	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



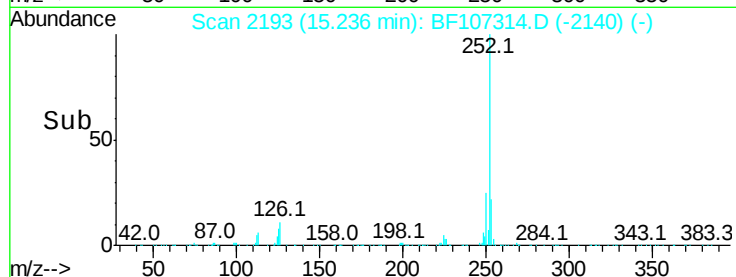
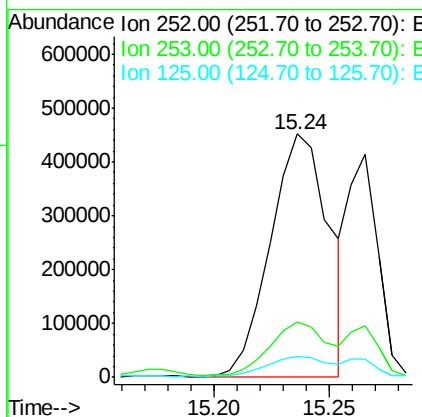
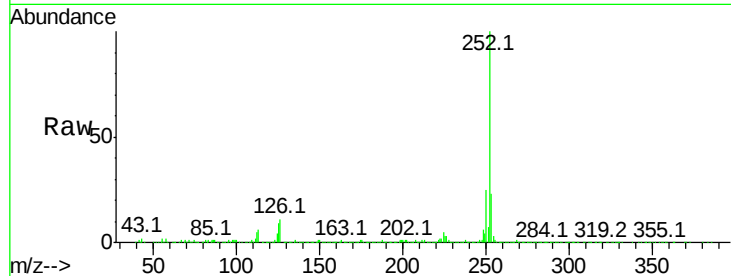


#87
Benzo(b)fluoranthene
Concen: 96.507 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

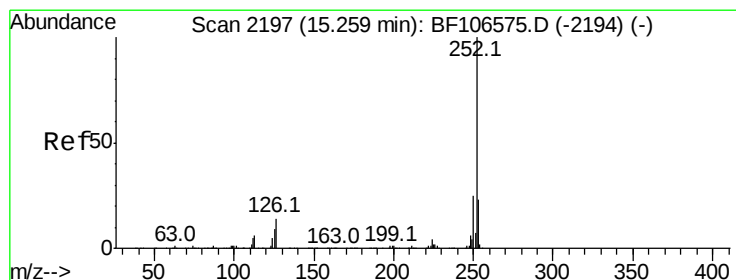
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	8.6	9.0	13.6#

Manual Integrations
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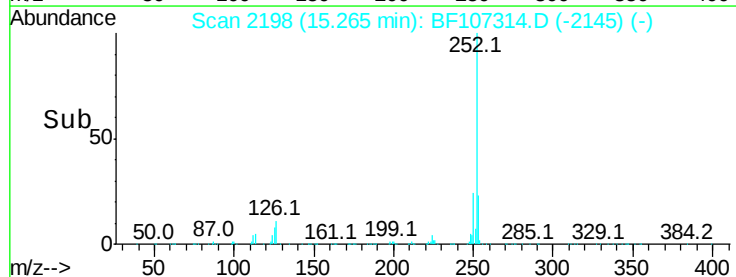
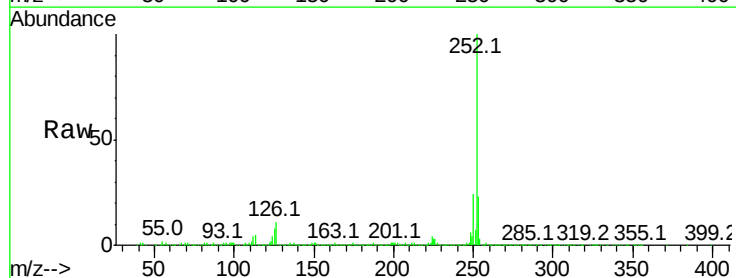
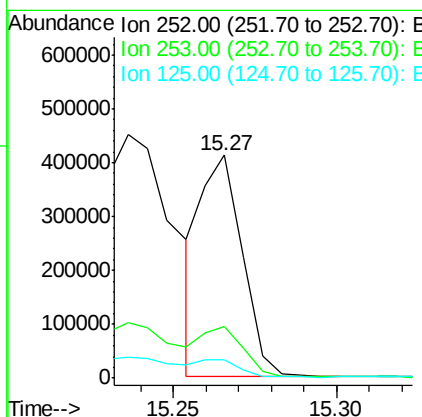
Sohil

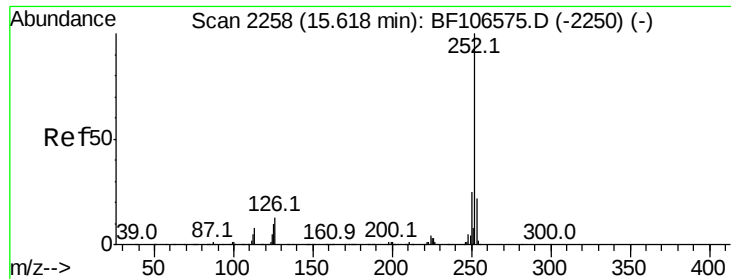
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#88
Benzo(k)fluoranthene
Concen: 46.846 ng m
RT: 15.27 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	8.1	10.2	15.2#



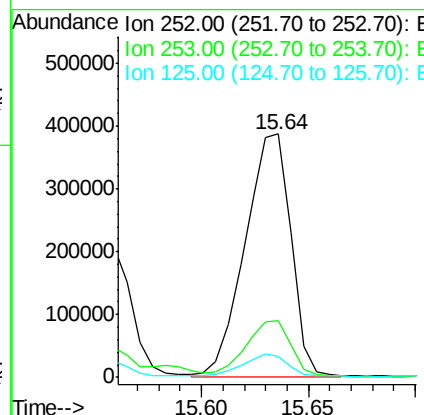
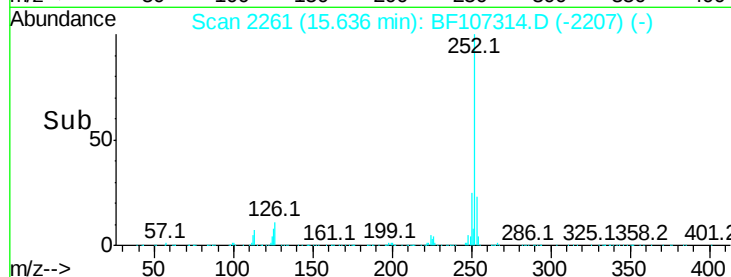
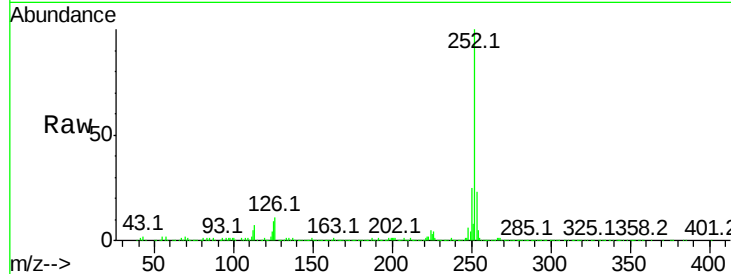


#89
Benzo(a)pyrene
Concen: 79.234 ng/ml
RT: 15.64 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

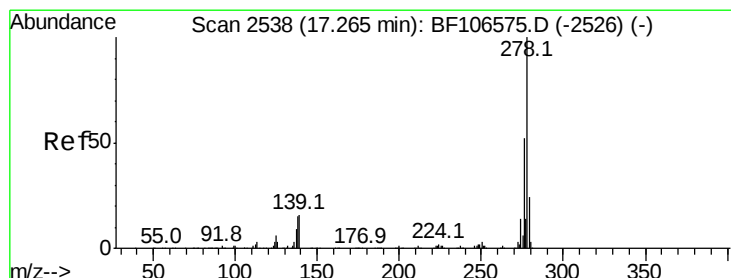
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	8.5	9.8	14.6

Manual Integrations
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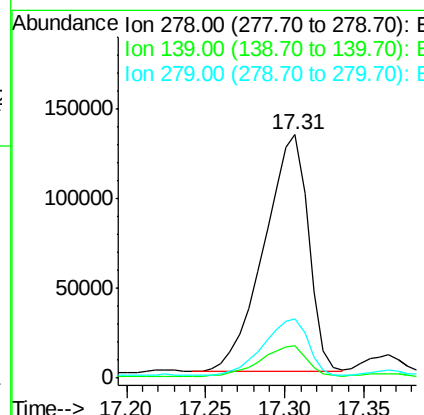
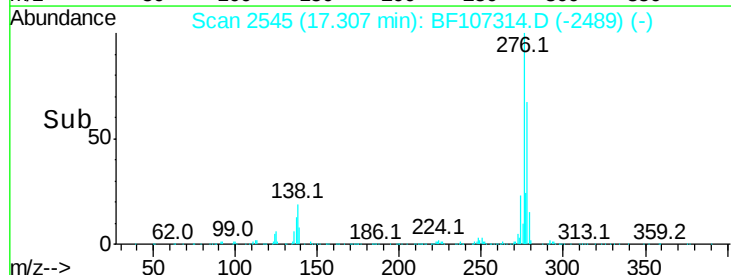
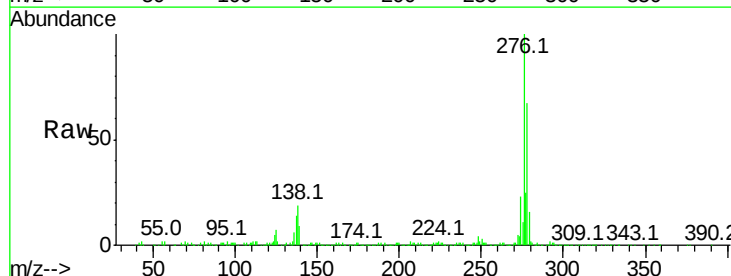
Sohil

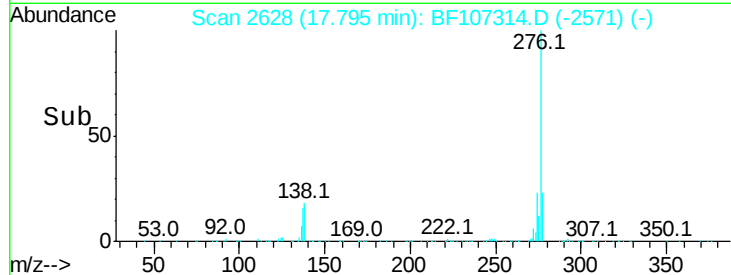
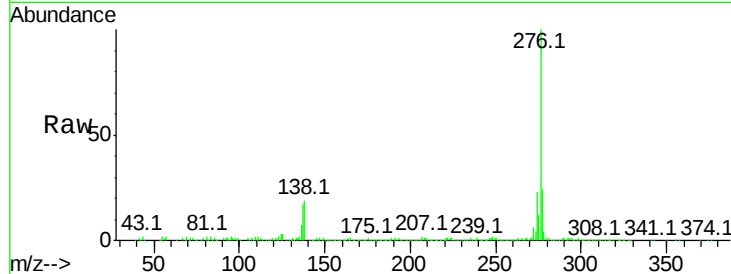
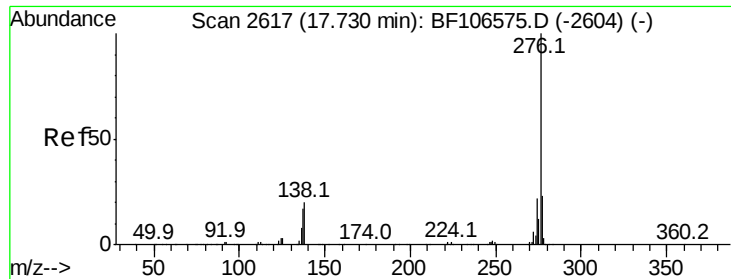
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#90
Dibenzo(a,h)anthracene
Concen: 41.424 ng
RT: 17.31 min Scan# 2545
Delta R.T. 0.03 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.1	15.9	23.9
279	24.2	19.0	28.4



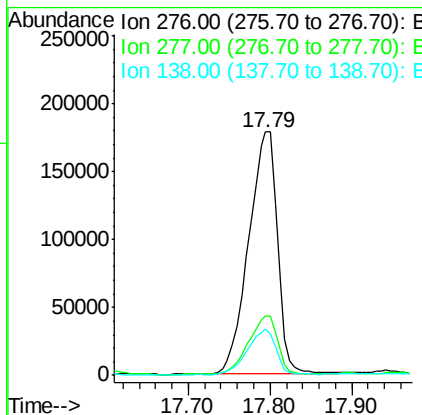


#91
Benzo(a,h,i)perylene
Concen: 72.921 ng
RT: 17.79 min Scan# 2628
Delta R.T. 0.04 min
Lab File: BF107314.D
Acq: 11 Jul 2018 21:33

Instrument :
BNA_F
ClientSampleId :
EP-12-W1MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	19.1	21.8	32.8

Manual Integrations
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Sohil

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