

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114414.D
 Acq On : 19 May 2019 2:45
 Operator : JU/SJ
 Sample : K2643-06MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Manual Integrations
 APPROVED

Sohil
 5/21/2019 7:17:16 PM

Quant Time: May 20 08:22:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	212841	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	795294	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	359853	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	627199	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	385250	20.00	ng	-0.02
87) Perylene-d12	15.46	264	436687	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1424337	107.69	ng	0.01
7) Phenol-d6	6.49	99	1679467	107.36	ng	0.00
23) Nitrobenzene-d5	7.40	82	1265396	89.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	438240	117.80	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	2108904	88.65	ng	-0.02
79) Terphenyl-d14	12.93	244	1800851	96.36	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	237116	32.617	ng	# 81
3) Pyridine	3.51	79	517079	25.816	ng	98
4) n-Nitrosodimethylamine	3.44	42	338593	35.055	ng	98
6) Aniline	6.50	93	345809	15.304	ng	# 1
8) 2-Chlorophenol	6.63	128	616266	43.646	ng	96
9) Benzaldehyde	6.39	77	298953	27.299	ng	99
10) Phenol	6.50	94	636153	34.570	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	648730	46.436	ng	99
12) 1,3-Dichlorobenzene	6.78	146	595283	37.559	ng	98
13) 1,4-Dichlorobenzene	6.86	146	610534	38.228	ng	96
14) 1,2-Dichlorobenzene	7.01	146	575585	39.448	ng	98
15) Benzyl Alcohol	6.99	79	511340	41.912	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	1140087	42.089	ng	62
17) 2-Methylphenol	7.10	107	470897	40.600	ng	# 87
18) Hexachloroethane	7.35	117	220936	36.854	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	445791	44.961	ng	97
20) 3+4-Methylphenols	7.26	107	602640	44.971	ng	# 67
22) Acetophenone	7.25	105	866952	49.207	ng	# 89
24) Nitrobenzene	7.42	77	672007	46.559	ng	96
25) Isophorone	7.66	82	1241200	47.226	ng	98
26) 2-Nitrophenol	7.74	139	337914	48.255	ng	99
27) 2,4-Dimethylphenol	7.78	122	531656	48.340	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	799383	46.877	ng	98
29) 2,4-Dichlorophenol	7.99	162	509761	46.547	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	534092	42.887	ng	98
31) Naphthalene	8.14	128	1702000	45.815	ng	99
32) Benzoic acid	7.92	122	246895	33.899	ng	98
33) 4-Chloroaniline	8.19	127	197749	11.681	ng	96
34) Hexachlorobutadiene	8.26	225	289408	40.843	ng	98
35) Caprolactam	8.56	113	125538m	35.154	ng	
36) 4-Chloro-3-methylphenol	8.69	107	521174	47.277	ng	98
37) 2-Methylnaphthalene	8.83	142	1172381	48.913	ng	97
38) 1-Methylnaphthalene	8.93	142	1096019	48.557	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	544339	49.936	ng	99

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 OR-02-051619-AMS

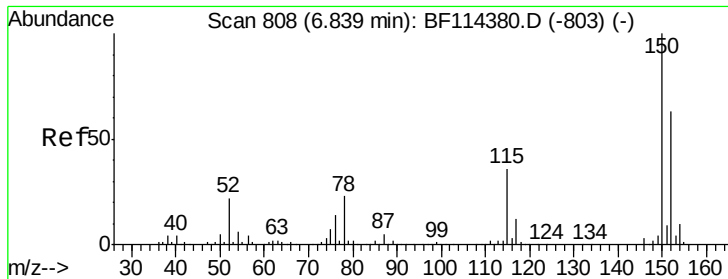
Manual Integrations
 APPROVED

Sohil
 5/21/2019 7:17:16 PM

Quant Time: May 20 08:22:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	155095	33.213	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	342037	45.618	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	356058	46.305	ng	98
46) 1,1'-Biphenyl	9.29	154	1420479	48.862	ng	98
47) 2-Chloronaphthalene	9.32	162	1070746	45.766	ng	98
48) 2-Nitroaniline	9.42	65	355889	42.891	ng	99
49) Acenaphthylene	9.73	152	1676329	47.109	ng	99
50) Dimethylphthalate	9.59	163	1260046	47.699	ng	100
51) 2,6-Dinitrotoluene	9.66	165	276822	47.246	ng	95
52) Acenaphthene	9.90	154	981145	44.932	ng	99
53) 3-Nitroaniline	9.83	138	176219	24.228	ng	99
54) 2,4-Dinitrophenol	9.95	184	144395	51.623	ng	96
55) Dibenzofuran	10.07	168	1432319	44.733	ng	99
56) 4-Nitrophenol	10.01	139	256012	49.773	ng	98
57) 2,4-Dinitrotoluene	10.07	165	336429	42.304	ng	# 89
58) Fluorene	10.42	166	1130318	45.702	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	289167	43.584	ng	98
60) Diethylphthalate	10.29	149	1237756	46.115	ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	560693	46.158	ng	98
62) 4-Nitroaniline	10.45	138	256925	33.616	ng	95
63) Azobenzene	10.57	77	1183140	45.539	ng	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	108269	35.925	ng	88
66) n-Nitrosodiphenylamine	10.53	169	1013379	53.236	ng	98
67) 4-Bromophenyl-phenylether	10.89	248	344158	49.837	ng	97
68) Hexachlorobenzene	10.97	284	367301	48.079	ng	93
69) Atrazine	11.05	200	292283	49.340	ng	97
70) Pentachlorophenol	11.17	266	270187	74.607	ng	97
71) Phenanthrene	11.38	178	1490567	48.849	ng	98
72) Anthracene	11.43	178	1526775	49.815	ng	99
73) Carbazole	11.59	167	1345265	46.029	ng	99
74) Di-n-butylphthalate	11.91	149	1799551	53.445	ng	100
75) Fluoranthene	12.57	202	1447622	44.055	ng	99
77) Benzidine	12.69	184	180484	10.437	ng	94
78) Pyrene	12.80	202	1422262	45.892	ng	99
80) Butylbenzylphthalate	13.40	149	687042	52.669	ng	98
81) Benzo(a)anthracene	13.99	228	1196880	48.033	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	365372	37.799	ng	# 97
83) Chrysene	14.02	228	1184108	48.476	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	974872	57.142	ng	100
85) Di-n-octyl phthalate	14.57	149	1593824	57.630	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1175248	54.441	ng	99
88) Benzo(b)fluoranthene	15.03	252	1260112	45.042	ng	100
89) Benzo(k)fluoranthene	15.06	252	1262050	49.108	ng	99
90) Benzo(a)pyrene	15.40	252	1237606	50.265	ng	99
91) Dibenzo(a,h)anthracene	16.94	278	990171	48.396	ng	99
92) Benzo(g,h,i)perylene	17.37	276	949454	46.307	ng	99

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



#1

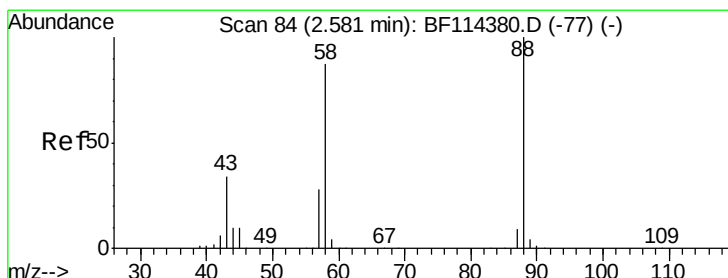
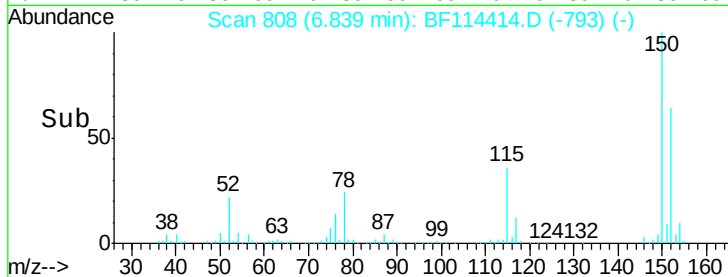
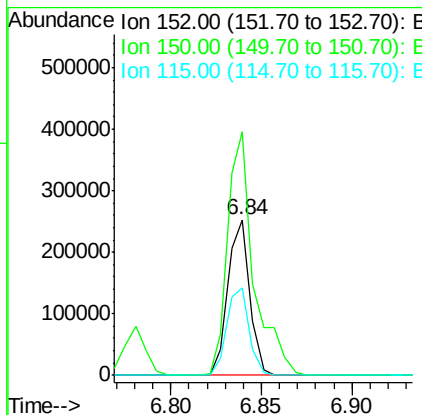
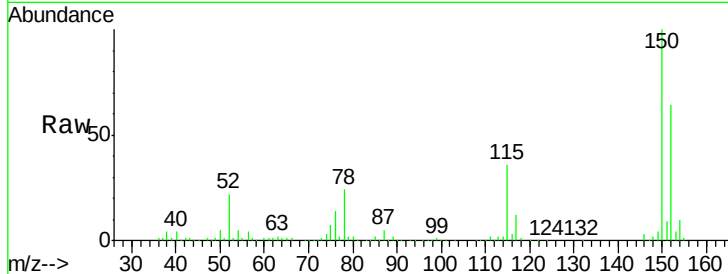
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.3	186.5
115	56.4	49.1	73.7

Manual Integrations
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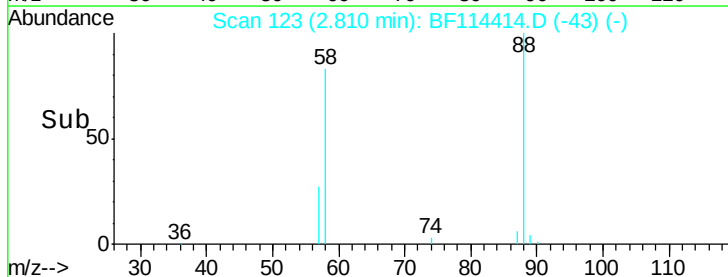
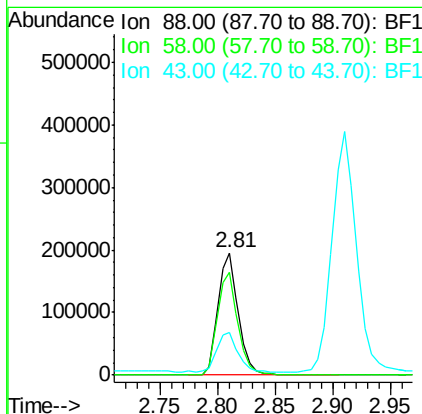
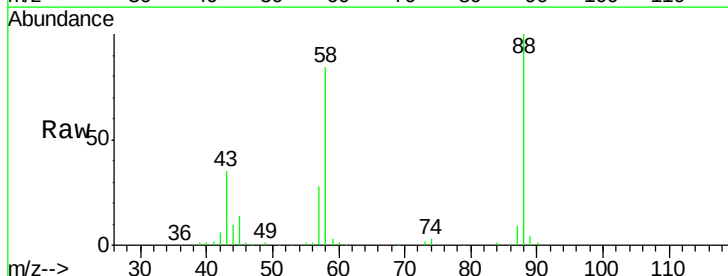
Sohil
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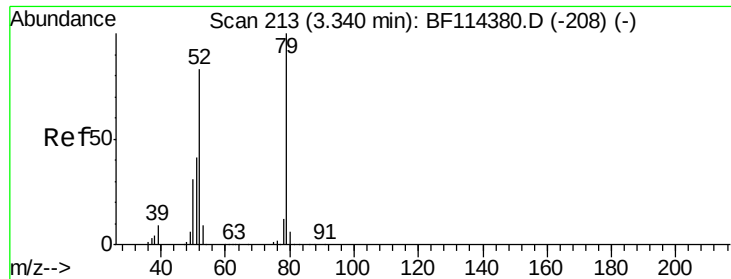


#2

1,4-Dioxane
Concen: 32.617 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.17 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	68.7	103.1
43	0.0	28.2	42.2#





#3

Pyridine

Concen: 25.816 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.12 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

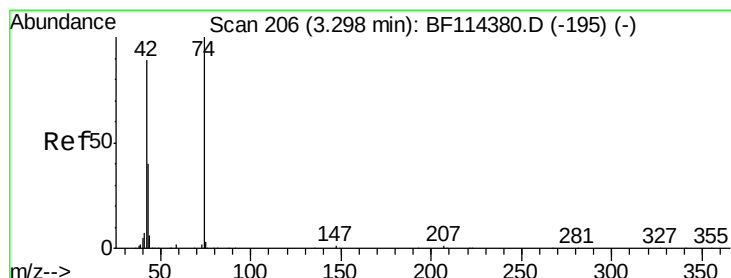
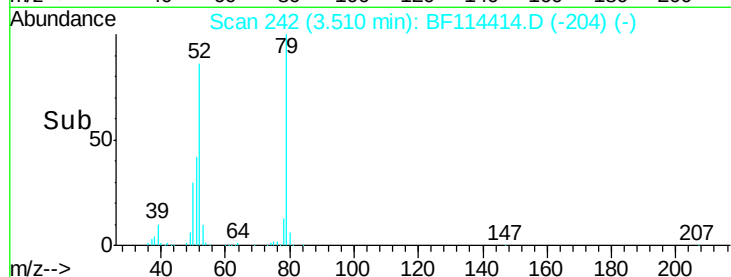
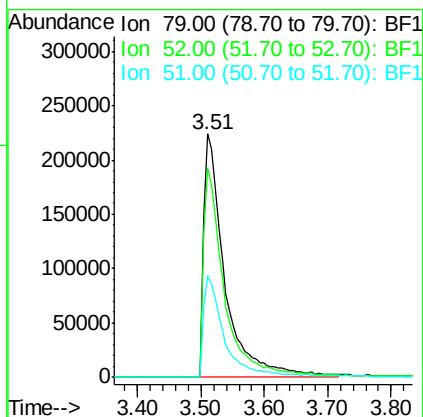
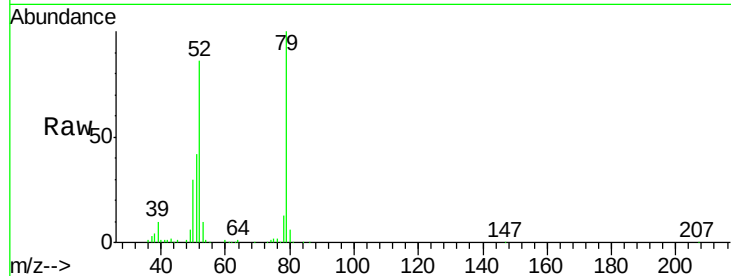
ClientSampleId :

OR-02-051619-AMS

Tgt Ion:	79	Resp:	517079
Ion	Ratio	Lower	Upper
79	100		
52	85.7	70.6	105.8
51	41.8	34.2	51.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 35.055 ng

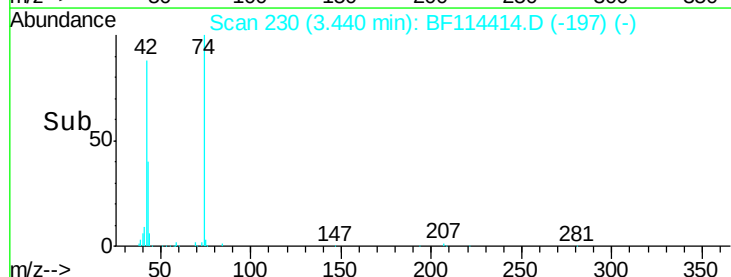
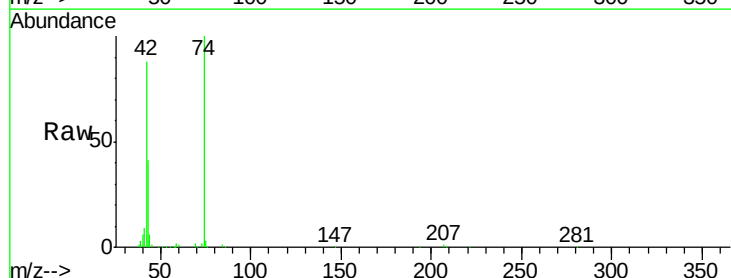
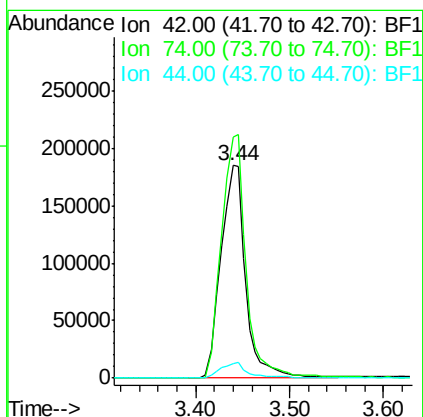
RT: 3.44 min Scan# 230

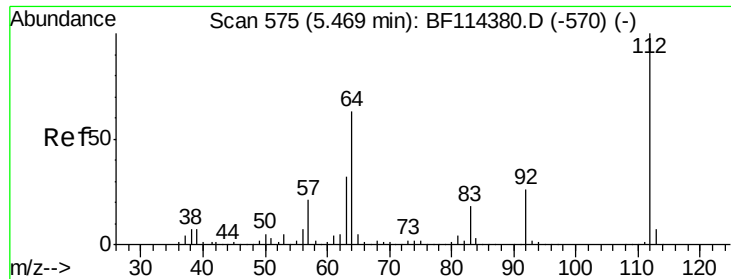
Delta R.T. 0.09 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion:	42	Resp:	338593
Ion	Ratio	Lower	Upper
42	100		
74	113.1	88.6	132.8
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 107.692 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

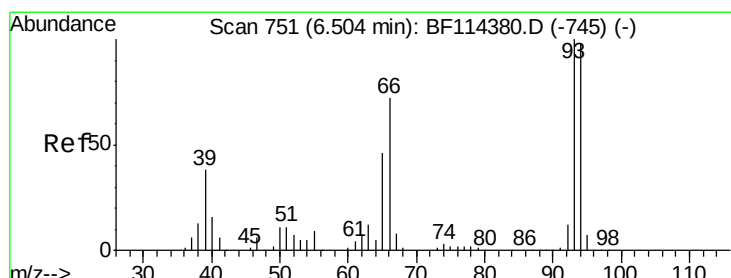
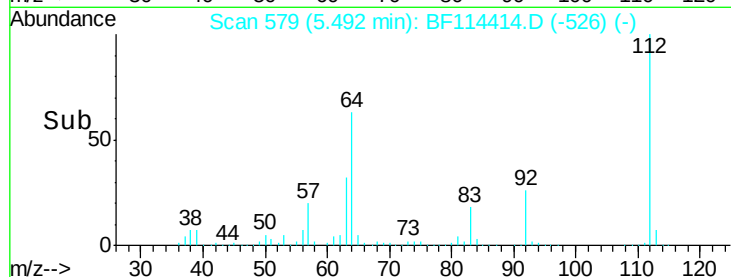
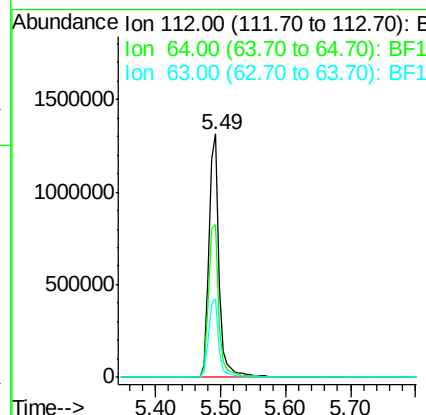
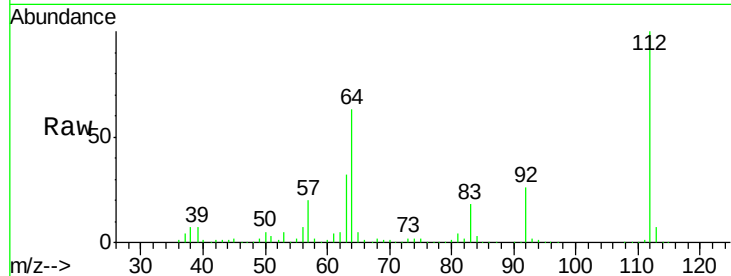
ClientSampleId :

OR-02-051619-AMS

Tgt Ion:	112	Resp:	1424337
Ion Ratio	Lower	Upper	
112	100		
64	62.5	49.0	73.6
63	32.1	24.6	37.0

Manual Integrations
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#6

Aniline

Concen: 15.304 ng

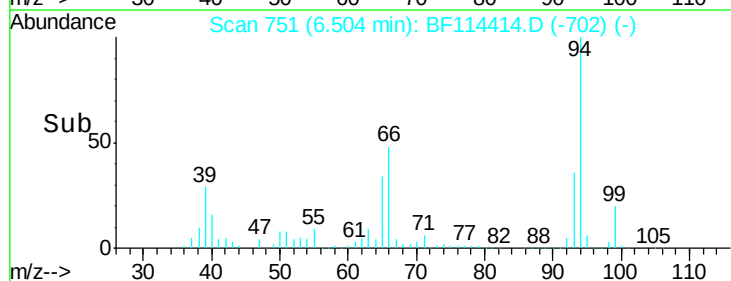
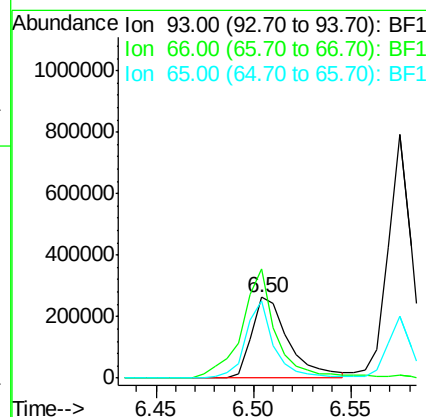
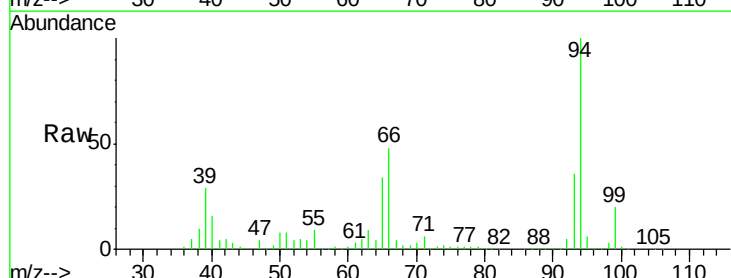
RT: 6.50 min Scan# 751

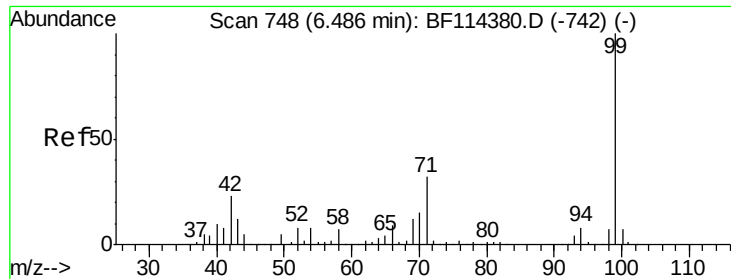
Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion:	93	Resp:	345809
Ion Ratio	Lower	Upper	
93	100		
66	135.6	33.2	49.8#
65	95.4	17.6	26.4#





#7

Phenol-d6

Concen: 107.363 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-AMS

Tgt Ion: 99 Resp: 1679467

Ion Ratio Lower Upper

99 100

42 21.8 17.9 26.9

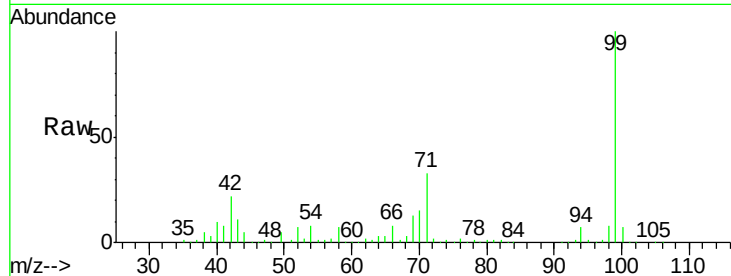
71 32.8 26.2 39.2

Manual Integrations

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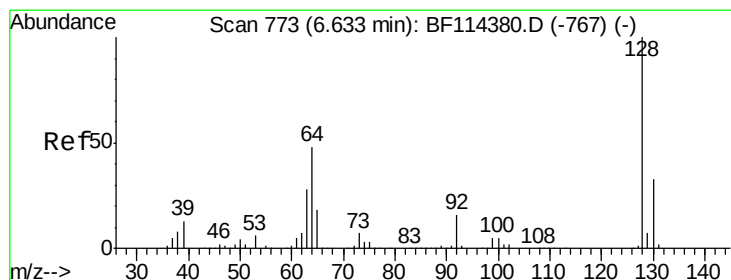
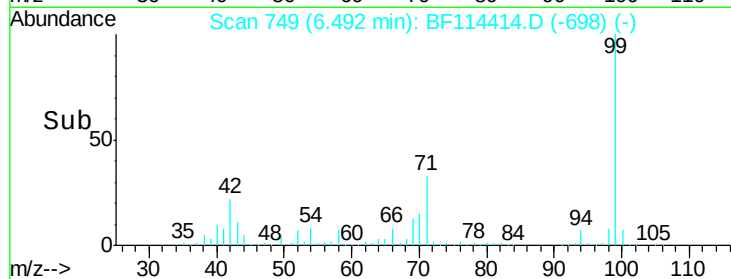
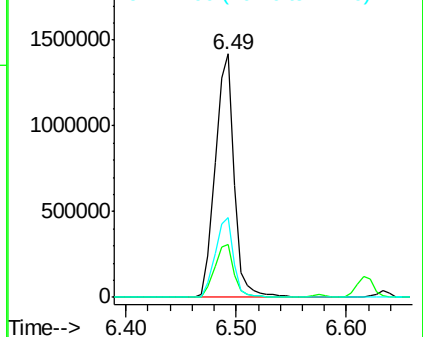
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.646 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

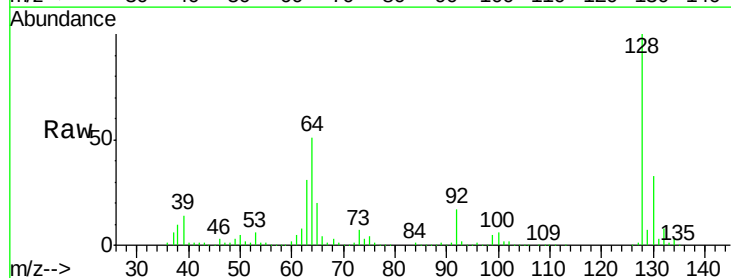
Tgt Ion: 128 Resp: 616266

Ion Ratio Lower Upper

128 100

130 32.9 12.6 52.6

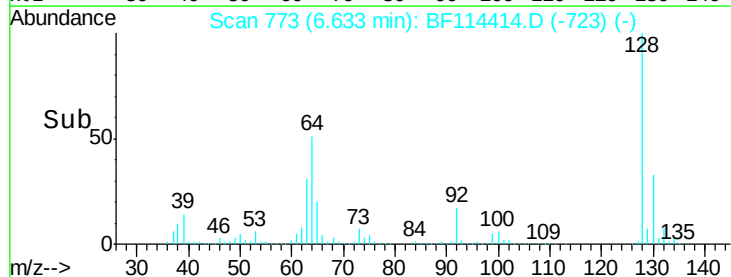
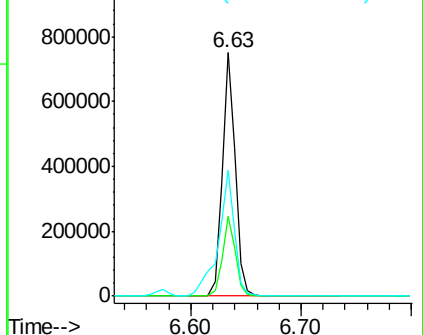
64 51.5 35.9 75.9

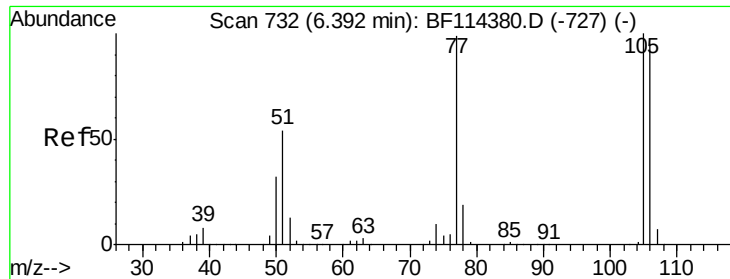


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





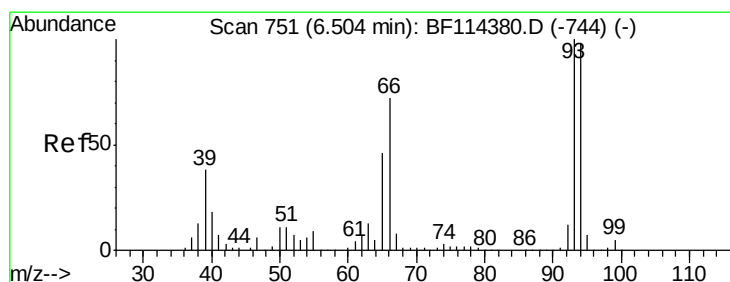
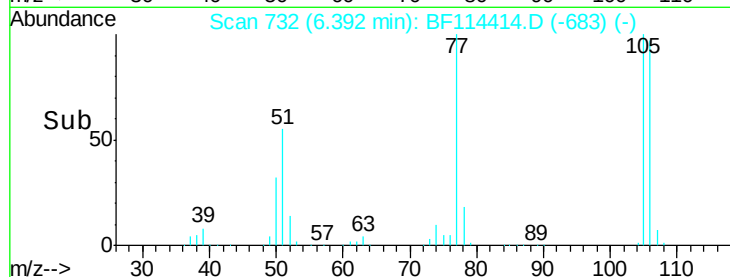
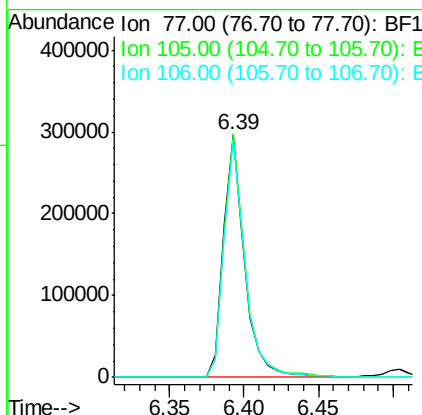
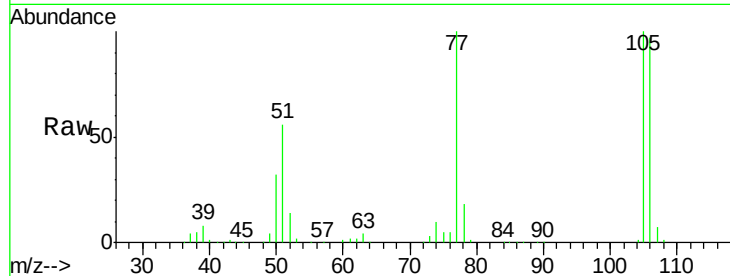
#9
Benzaldehyde
Concen: 27.299 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	100.3	79.3	119.3
106	97.5	77.0	117.0

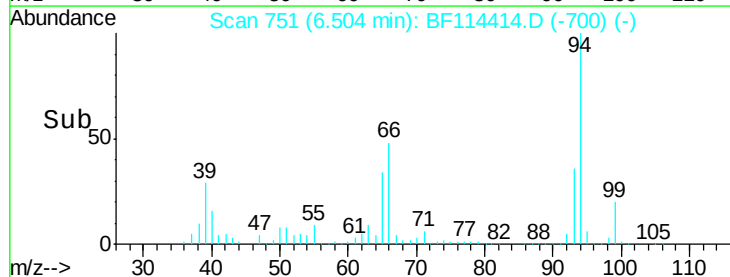
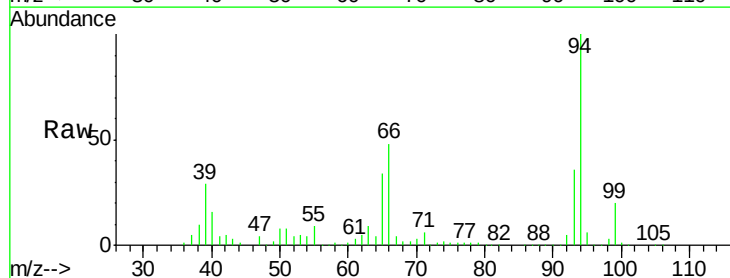
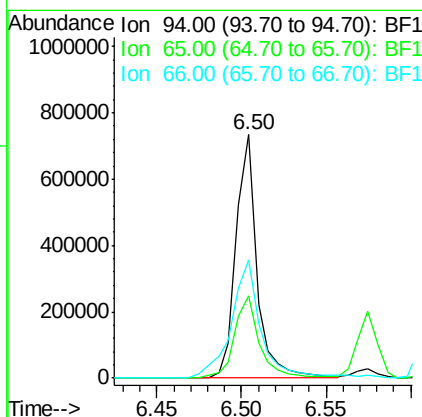
Manual Integrations
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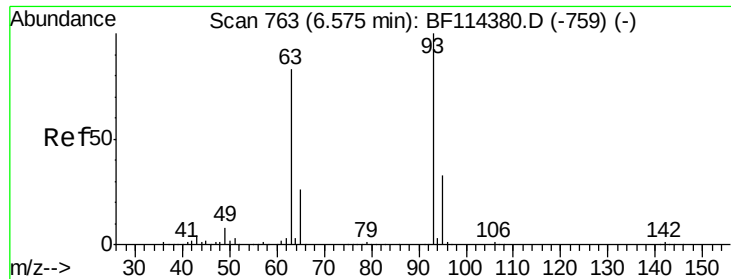
Sohil
5/21/2019 7:17:16 PM



#10
Phenol
Concen: 34.570 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.0	14.7	54.7
66	48.4	29.6	69.6





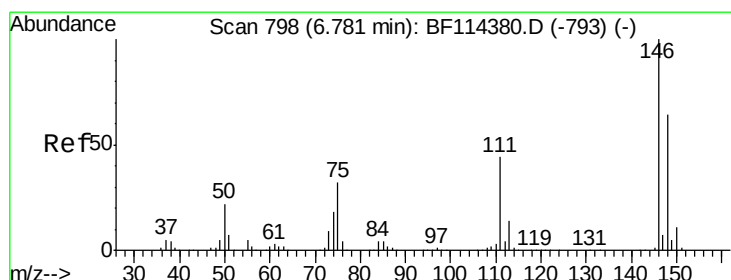
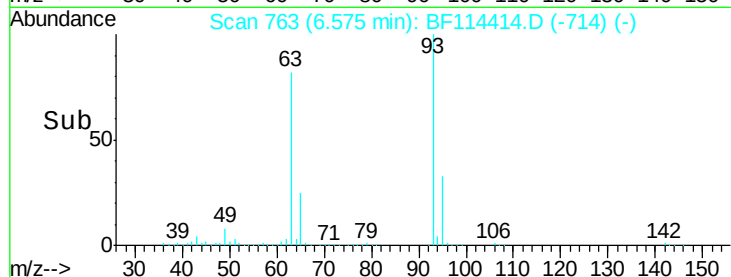
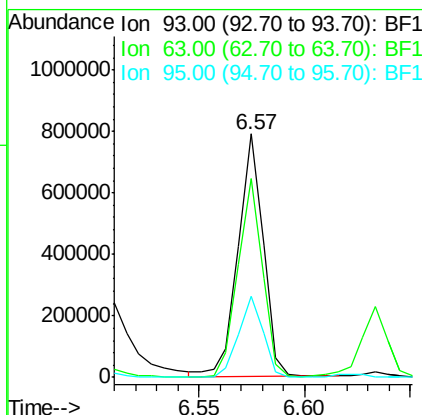
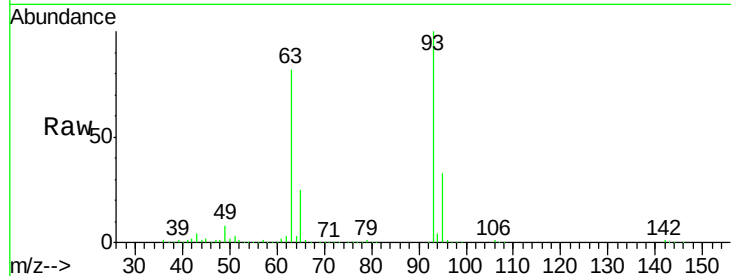
#11
bis(2-Chloroethyl)ether
Concen: 46.436 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	648730		
63	81.9	63.6	103.6	
95	33.1	13.1	53.1	

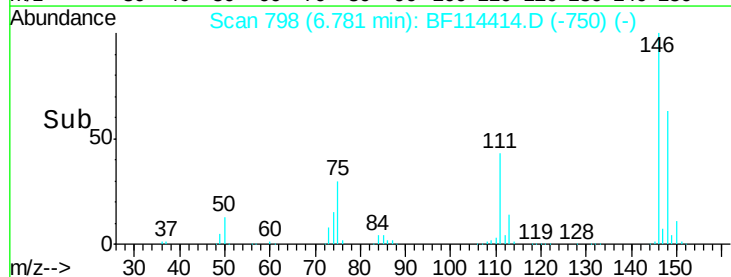
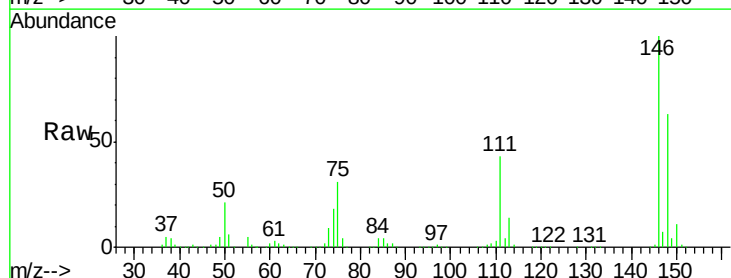
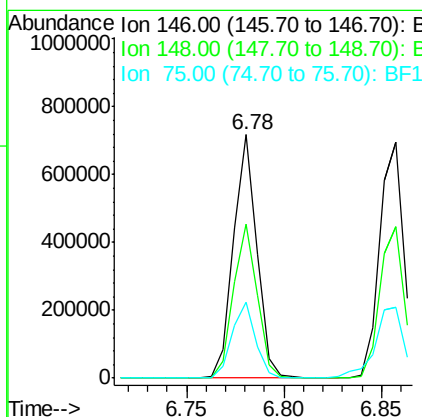
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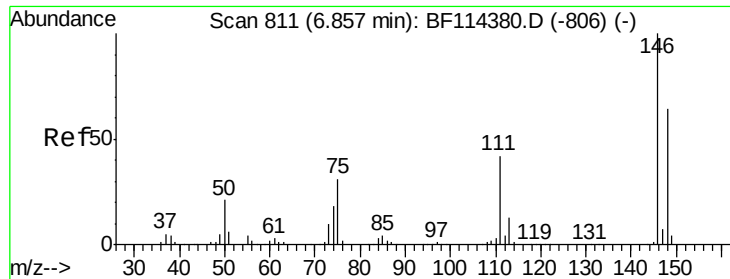
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.559 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	595283		
148	63.3	51.6	77.4	
75	31.1	24.2	36.2	





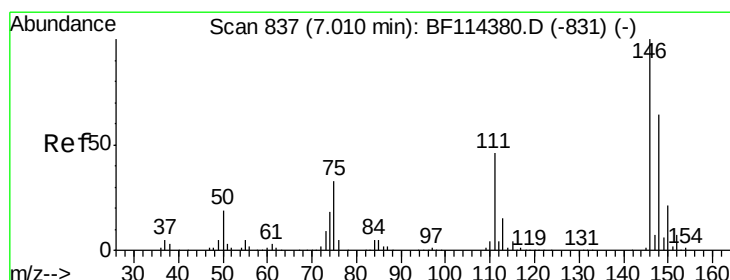
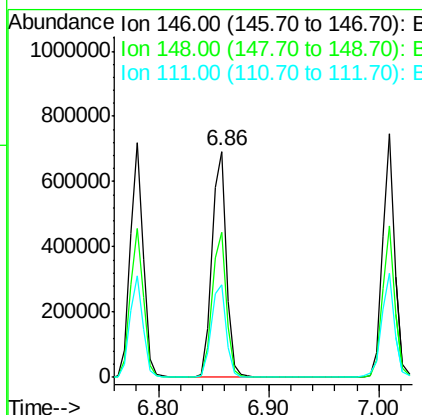
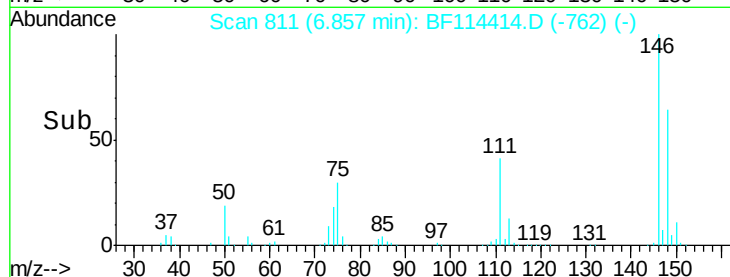
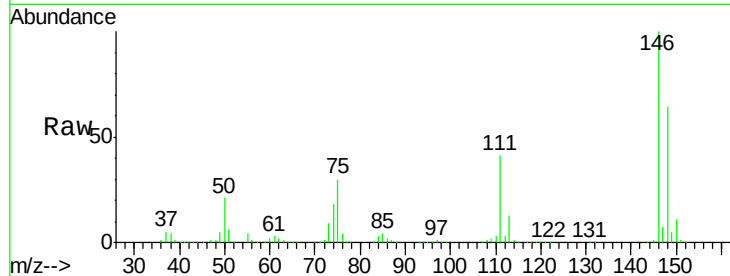
#13
 1,4-Dichlorobenzene
 Concen: 38.228 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.2
111	40.7	35.8	53.6

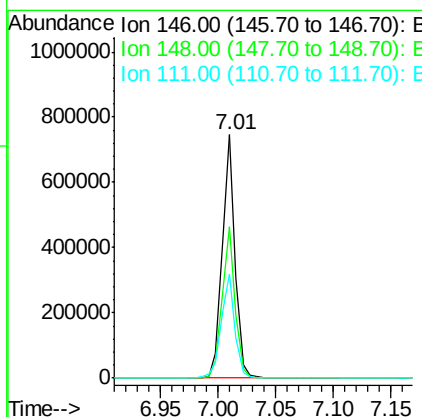
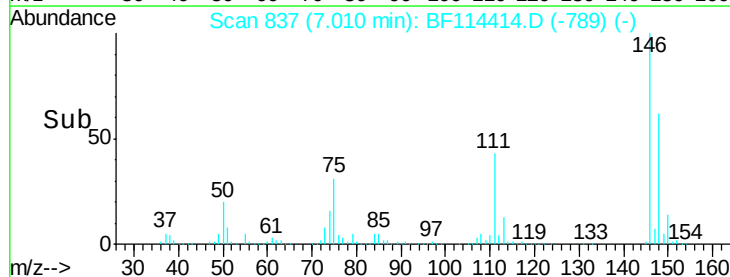
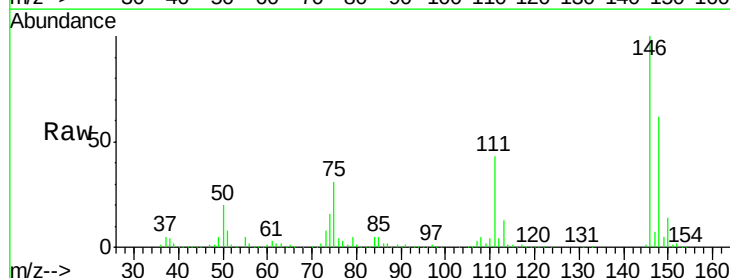
Manual Integrations
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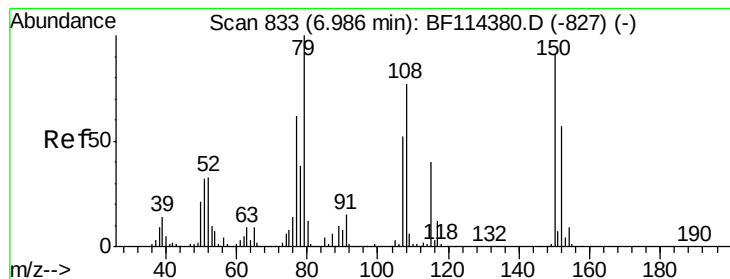
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.448 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.1	76.7
111	42.6	35.3	52.9





#15

Benzyl Alcohol

Concen: 41.912 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

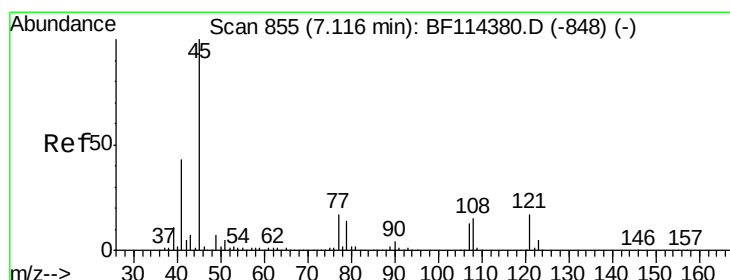
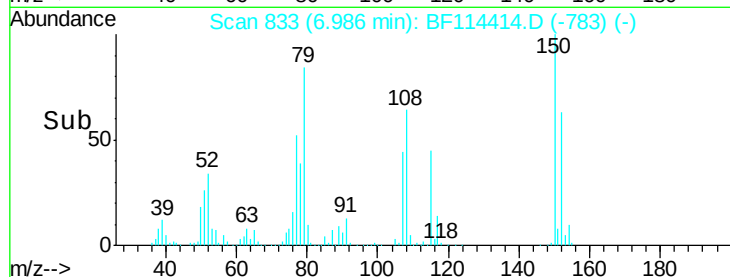
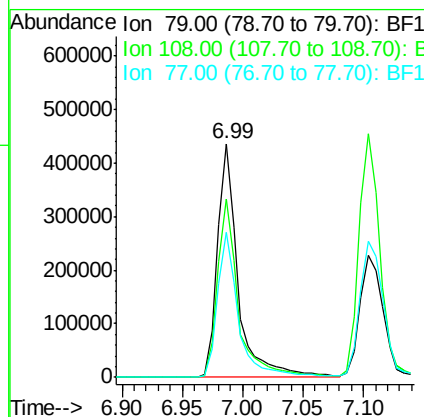
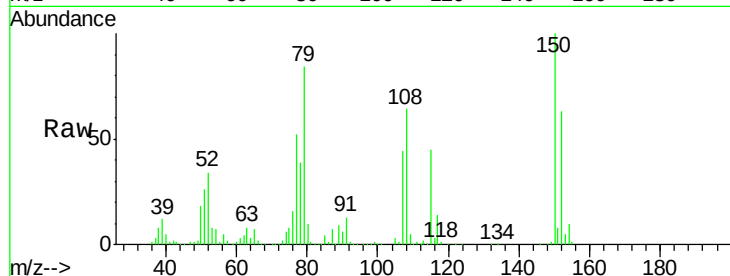
ClientSampleId :

OR-02-051619-AMS

Tgt Ion:	79	Resp:	511340
Ion	Ratio	Lower	Upper
79	100		
108	76.3	62.1	93.1
77	62.3	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.089 ng

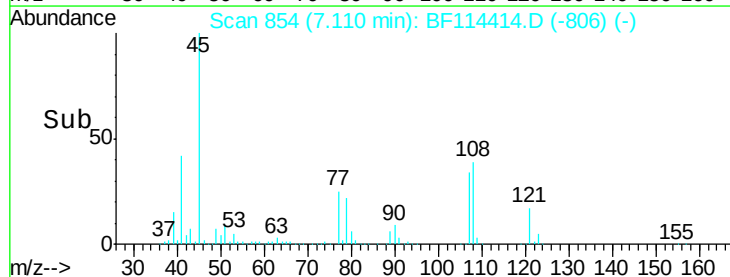
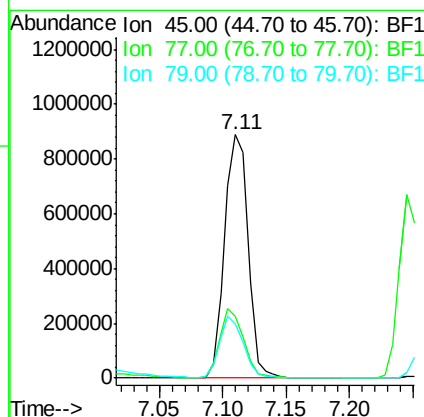
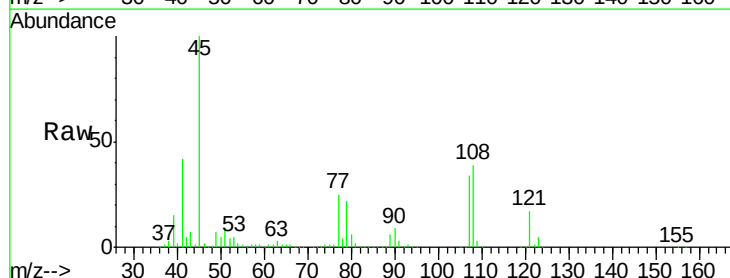
RT: 7.11 min Scan# 854

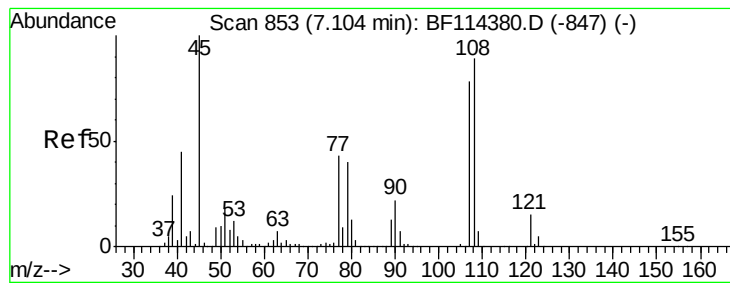
Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion:	45	Resp:	1140087
Ion	Ratio	Lower	Upper
45	100		
77	25.3	0.0	31.1
79	22.3	0.0	28.4





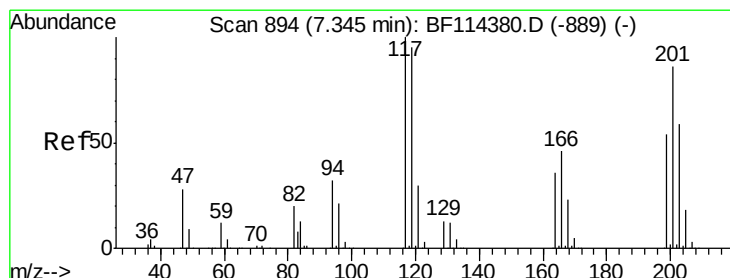
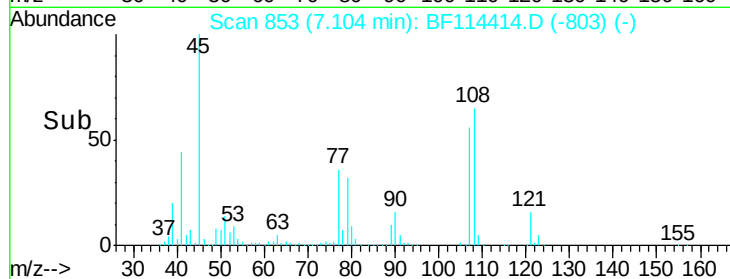
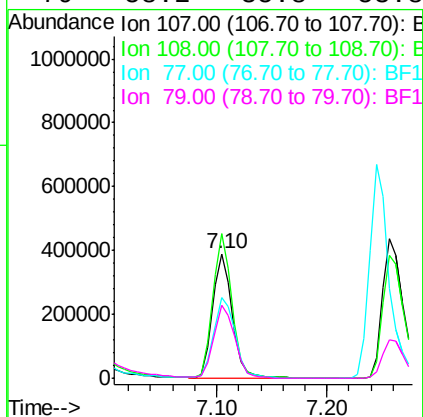
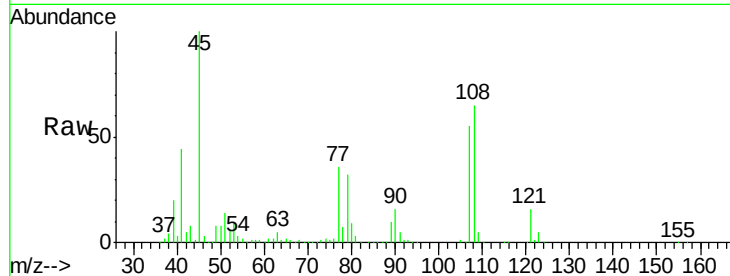
#17
2-Methylphenol
Concen: 40.600 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	470897		
108	116.5	90.5	135.7	
77	65.0	37.0	55.4	
79	58.2	35.8	53.8	

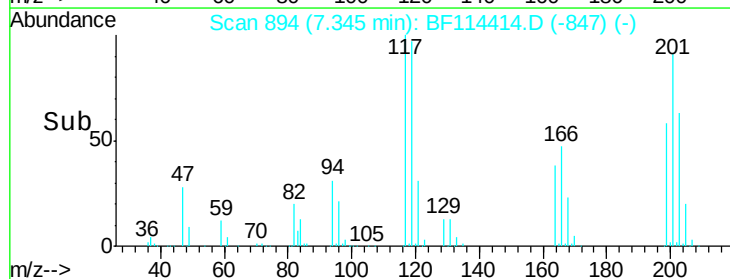
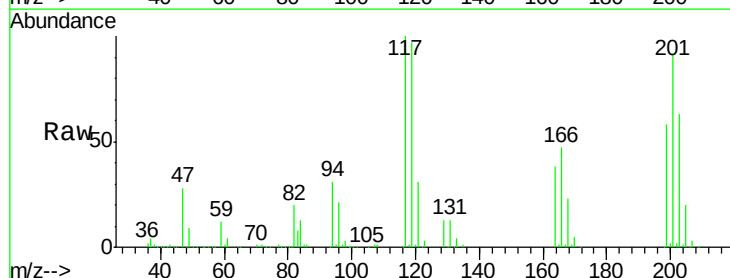
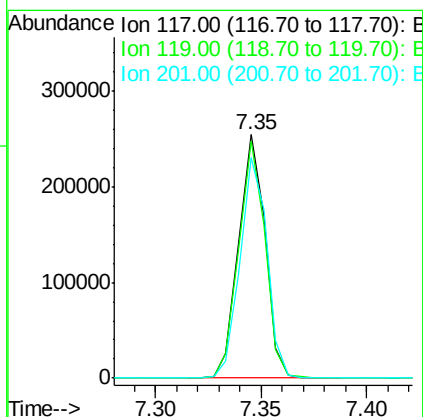
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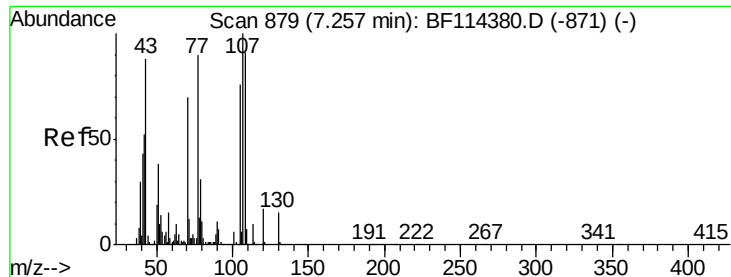
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#18
Hexachloroethane
Concen: 36.854 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	220936		
119	97.4	77.4	116.2	
201	90.7	74.5	111.7	





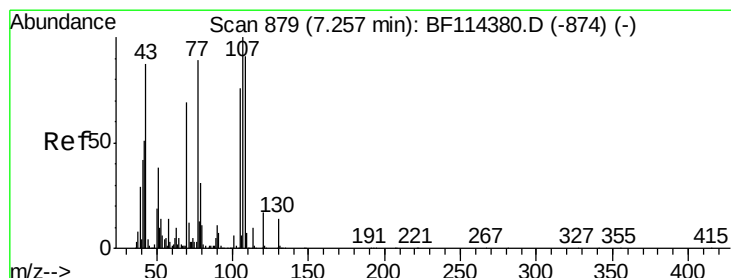
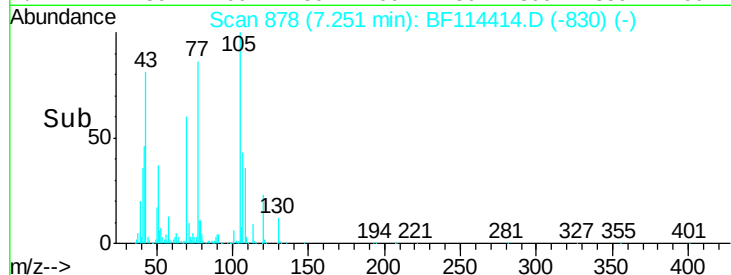
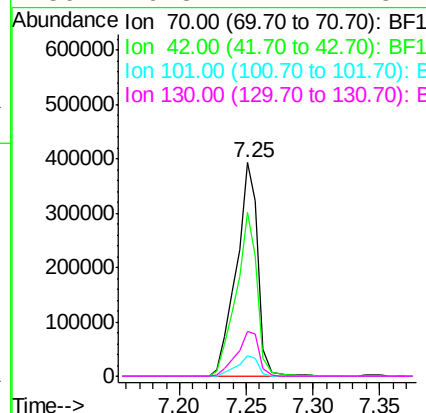
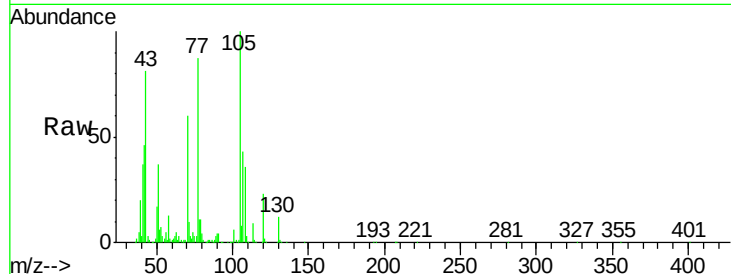
#19
n-Nitroso-di-n-propylamine
Concen: 44.961 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	76.9	58.6	87.8
101	9.7	7.8	11.8
130	20.8	17.1	25.7

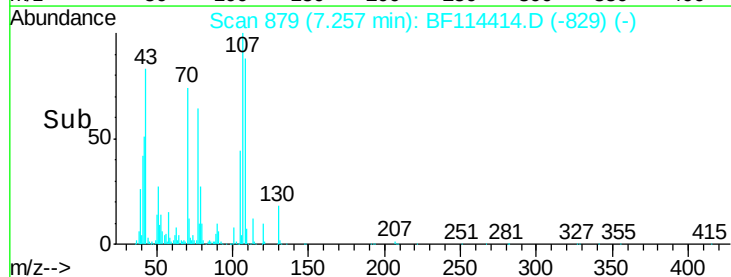
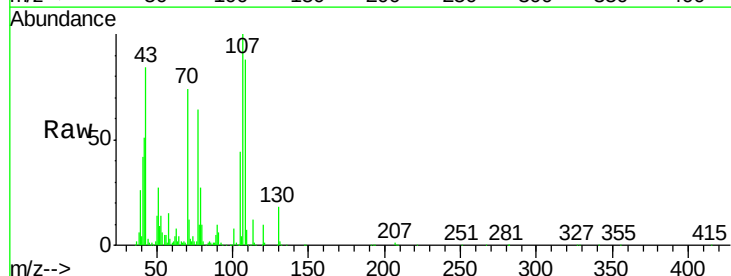
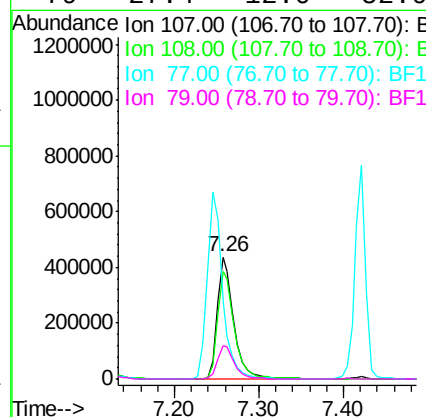
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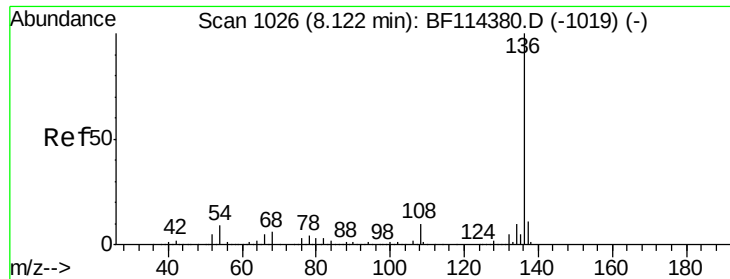
Sohil
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#20
3+4-Methylphenols
Concen: 44.971 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	73.8	113.8
77	64.0	111.5	151.5#
79	27.4	12.0	52.0





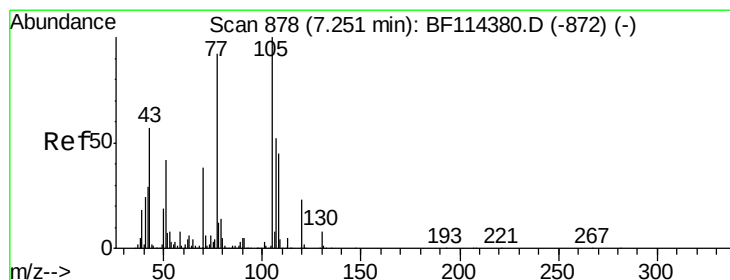
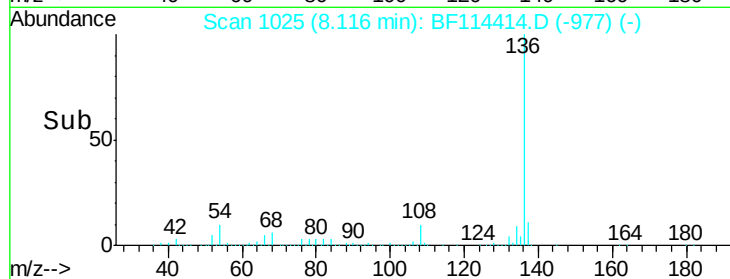
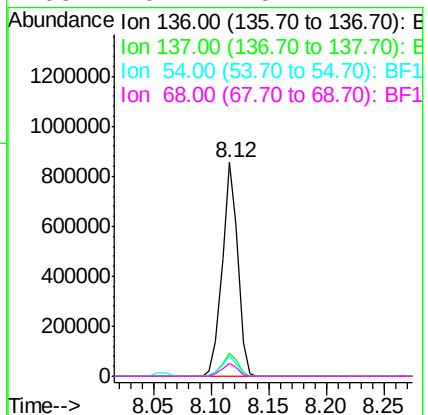
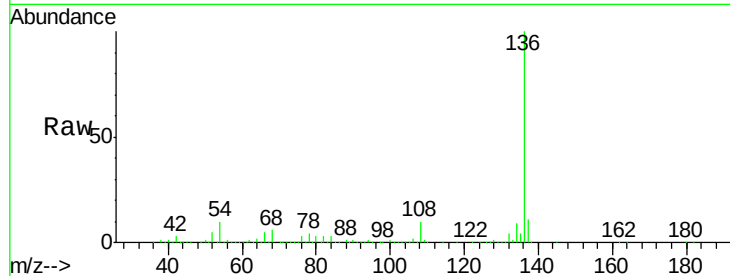
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	795294		
137	11.1	8.8	13.2	
54	9.5	7.8	11.8	
68	6.2	5.1	7.7	

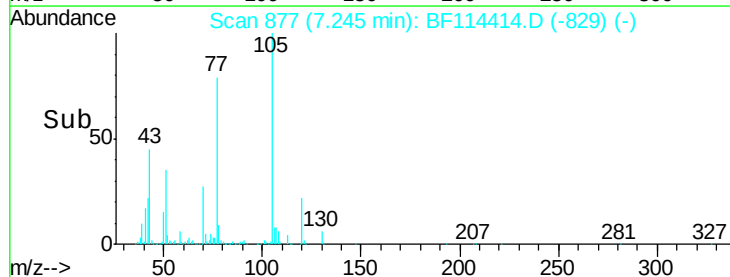
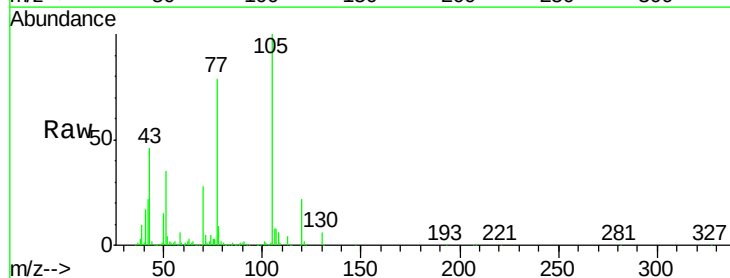
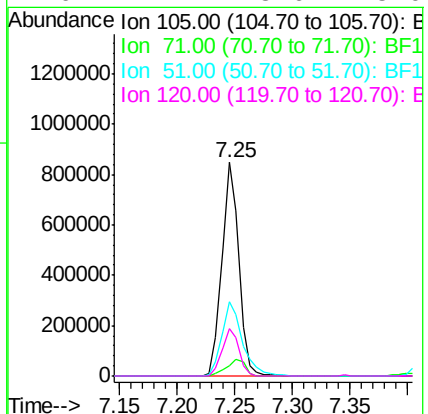
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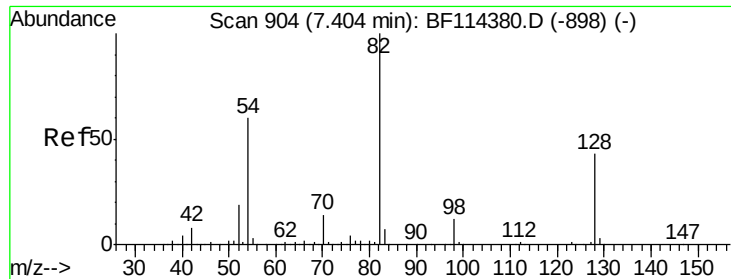
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#22
Acetophenone
Concen: 49.207 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	866952		
71	4.8	5.3	7.9#	
51	34.6	36.2	54.4#	
120	22.2	18.6	28.0	





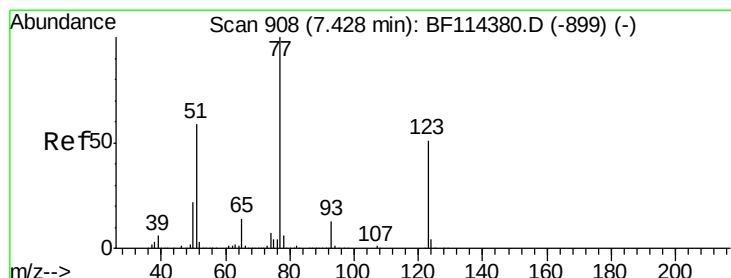
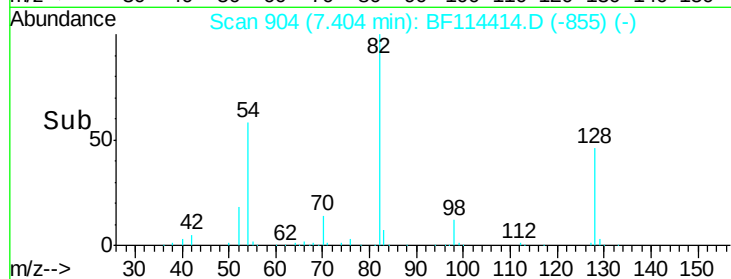
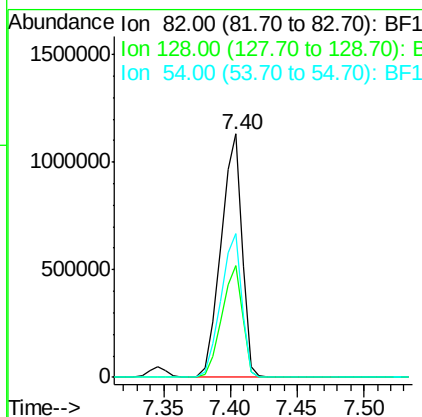
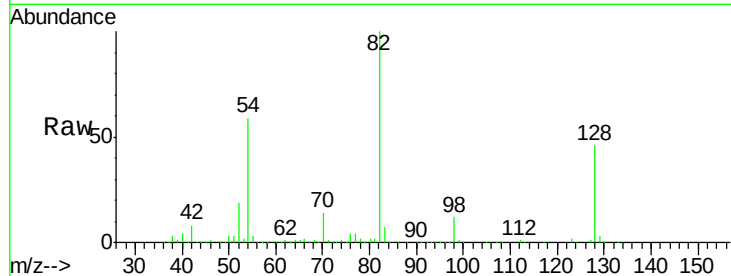
#23
 Nitrobenzene-d5
 Concen: 89.293 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Tgt Ion: 82 Resp: 1265396
 Ion Ratio Lower Upper
 82 100
 128 45.7 35.5 53.3
 54 59.0 48.5 72.7

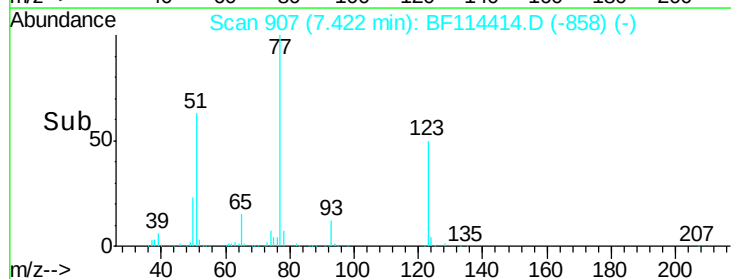
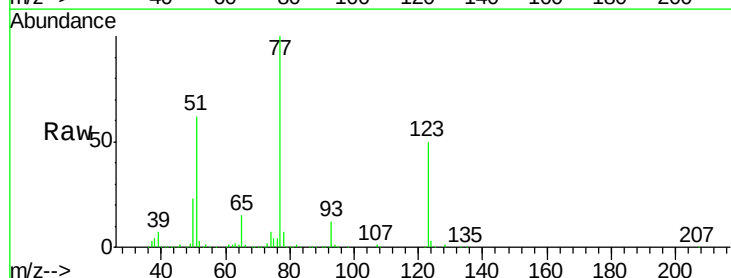
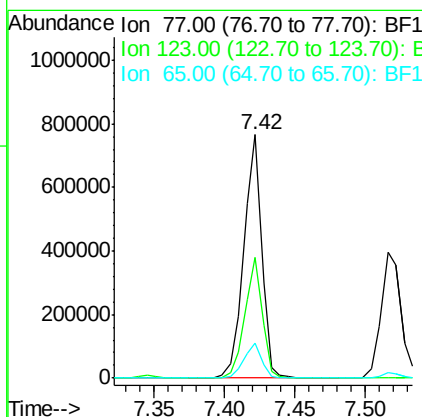
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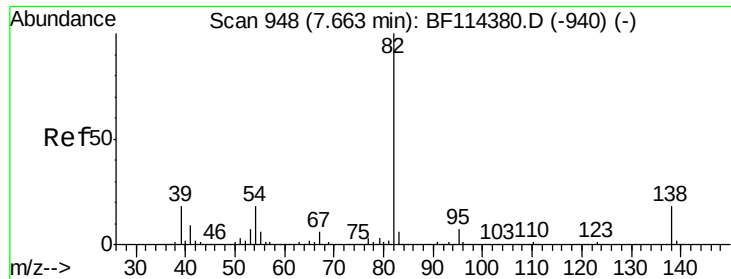
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#24
 Nitrobenzene
 Concen: 46.559 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion: 77 Resp: 672007
 Ion Ratio Lower Upper
 77 100
 123 49.8 36.9 55.3
 65 14.6 11.8 17.6





#25

Isophorone

Concen: 47.226 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-AMS

Tgt Ion: 82 Resp: 1241200

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

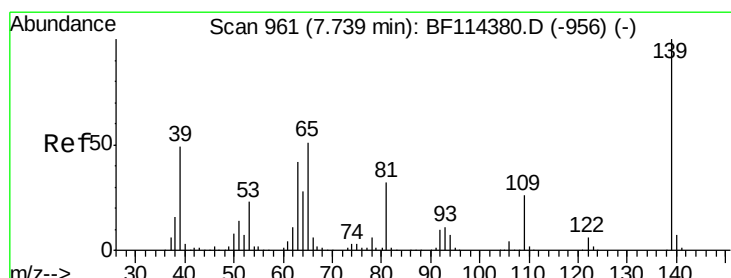
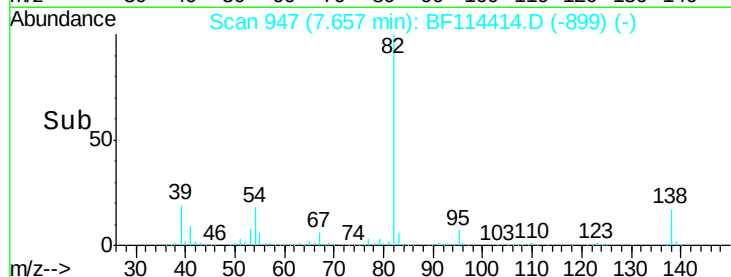
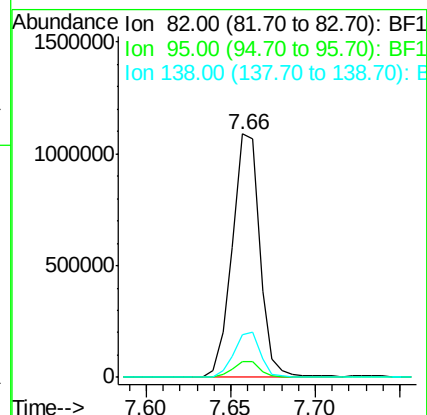
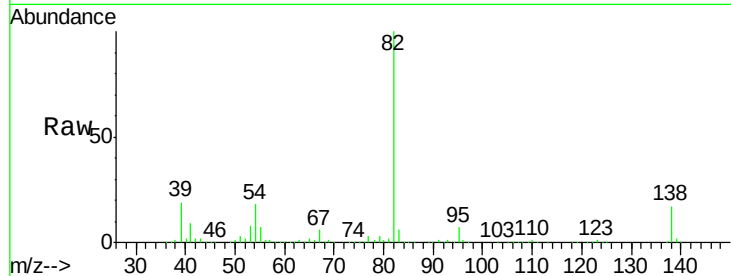
138 17.3 14.8 22.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 48.255 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

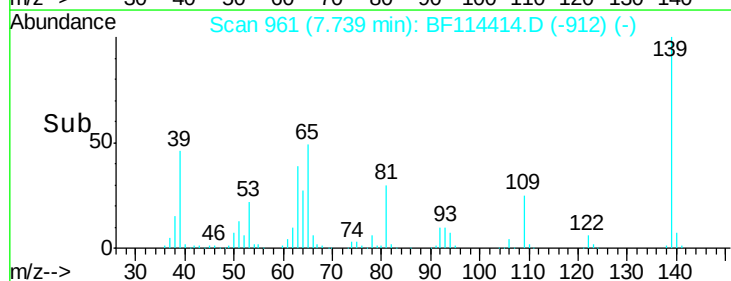
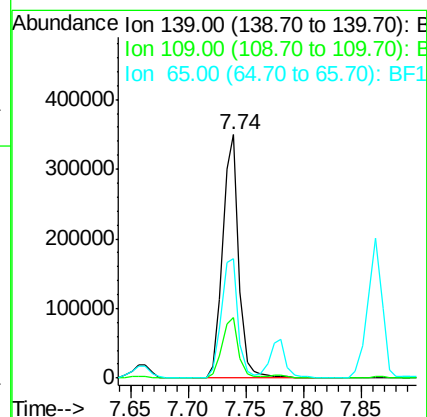
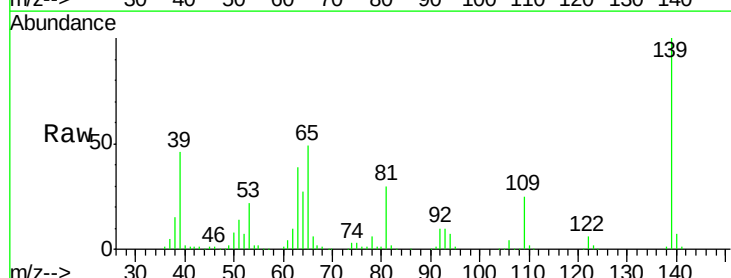
Tgt Ion: 139 Resp: 337914

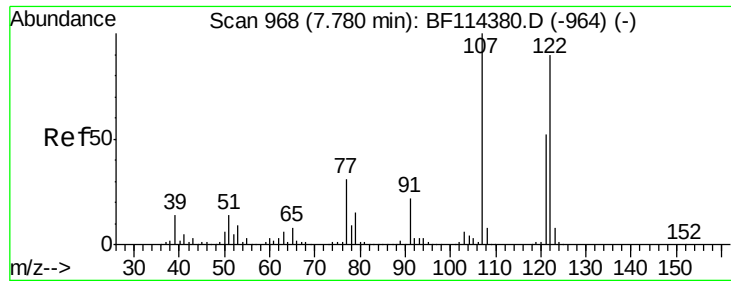
Ion Ratio Lower Upper

139 100

109 25.1 20.7 31.1

65 49.2 40.2 60.2





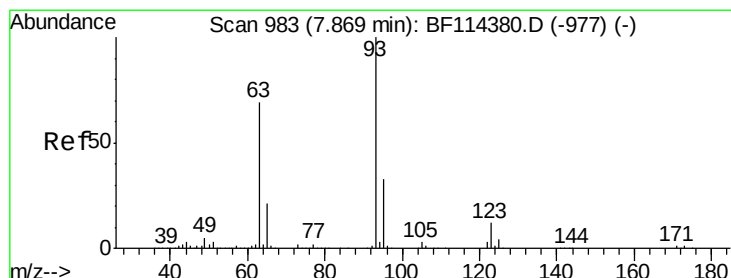
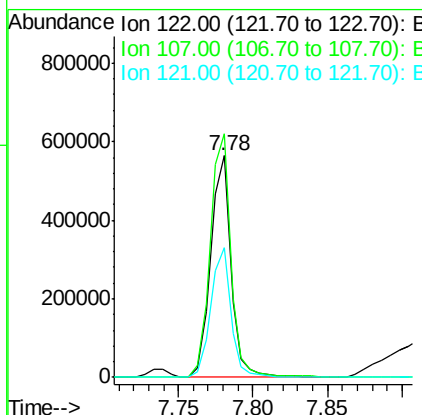
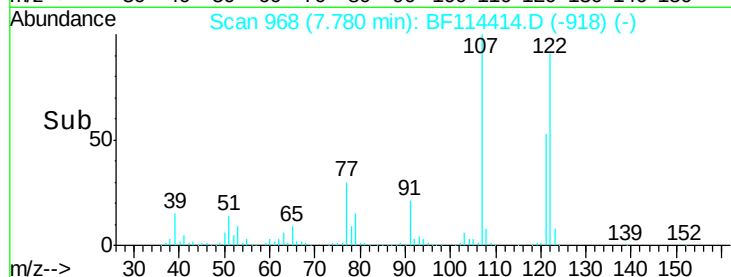
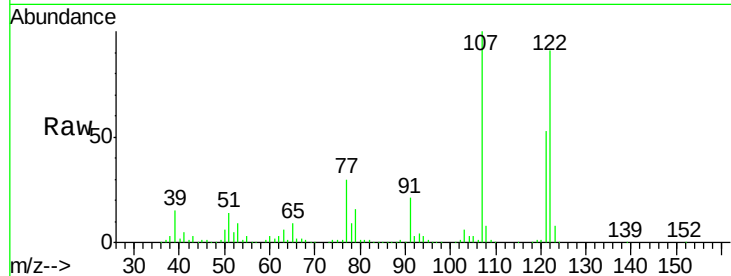
#27
2,4-Dimethylphenol
Concen: 48.340 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	531656		
107	110.0	88.4	132.6	
121	58.8	45.9	68.9	

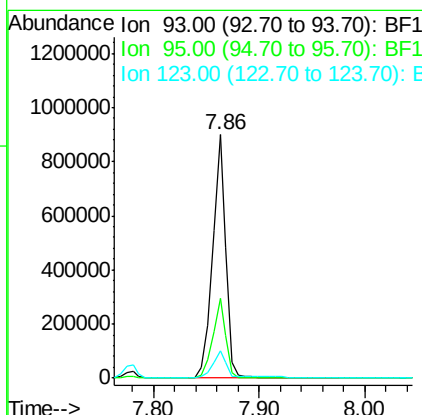
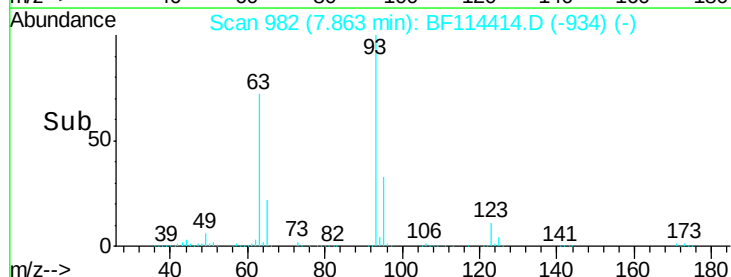
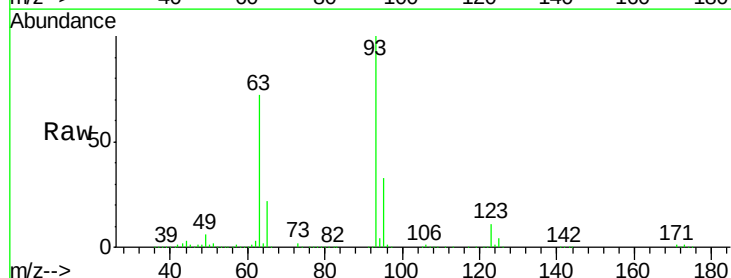
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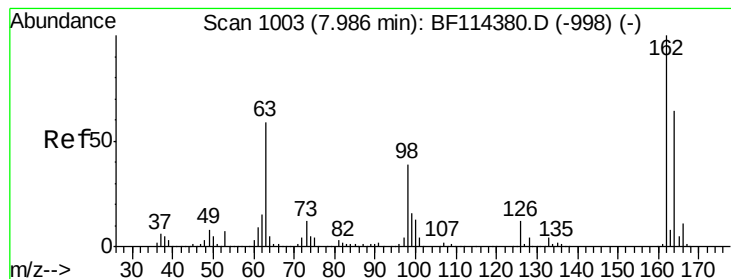
Sohil
5/21/2019 7:17:16 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.877 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	799383		
95	32.7	26.8	40.2	
123	11.0	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 46.547 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

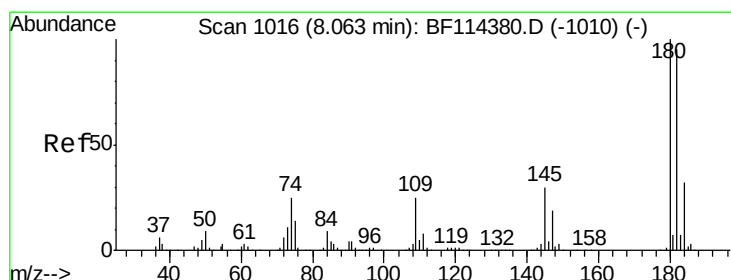
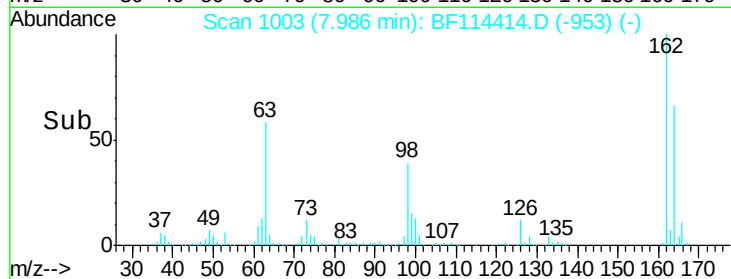
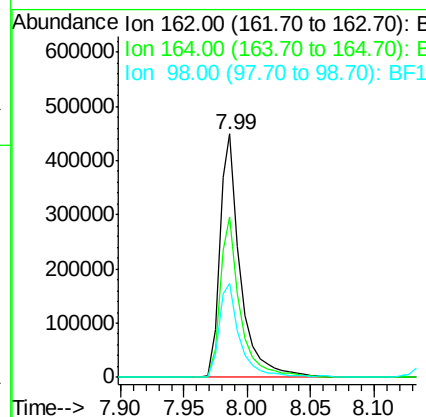
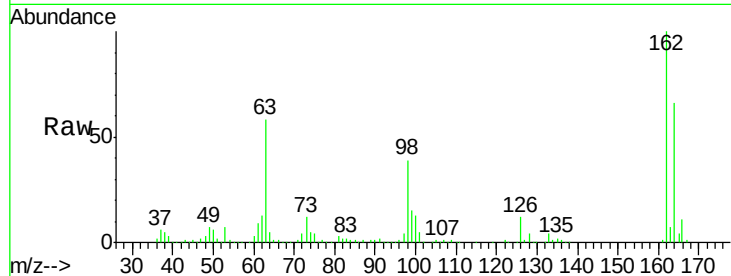
ClientSampleId :

OR-02-051619-AMS

Tgt Ion:	162	Resp:	509761
Ion Ratio	Lower	Upper	
162	100		
164	65.9	43.6	83.6
98	38.5	20.6	60.6

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#30

1,2,4-Trichlorobenzene

Concen: 42.887 ng

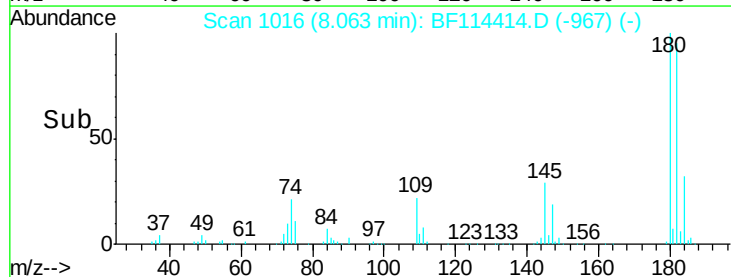
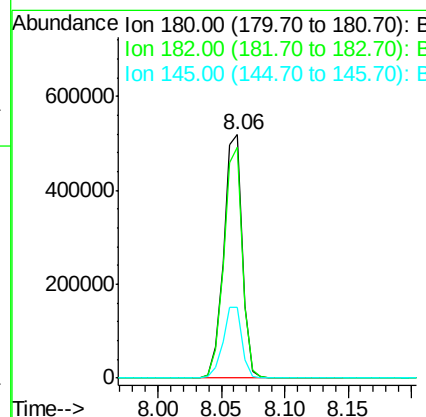
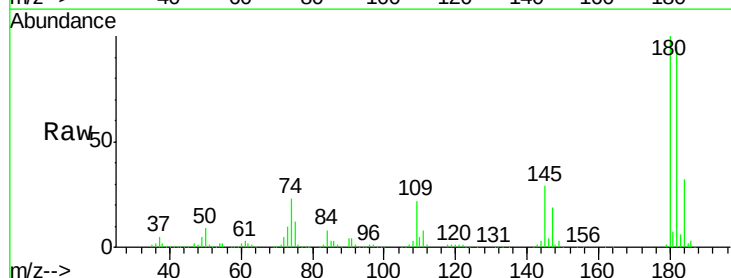
RT: 8.06 min Scan# 1016

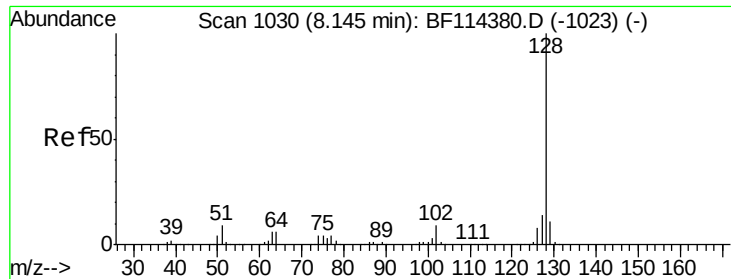
Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion:	180	Resp:	534092
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.6	114.8
145	29.0	25.1	37.7





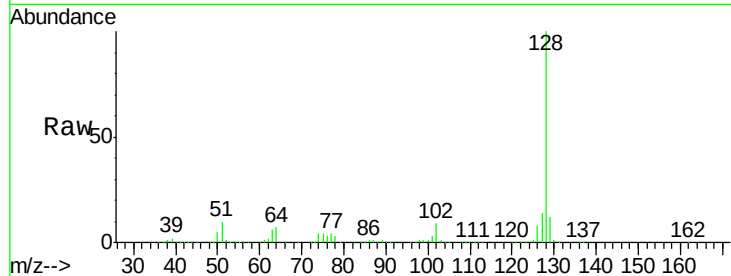
#31
Naphthalene
Concen: 45.815 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

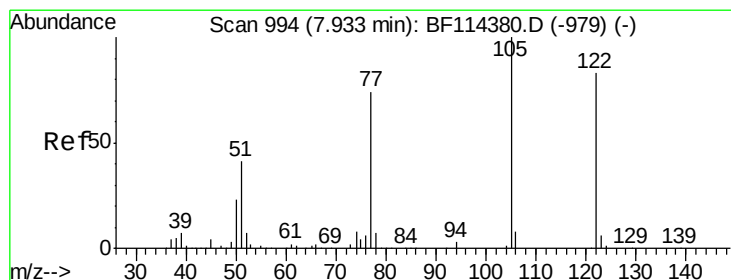
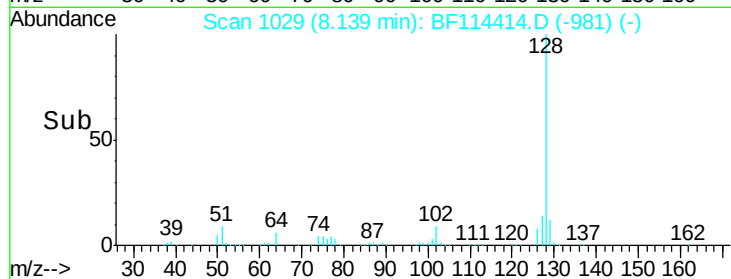
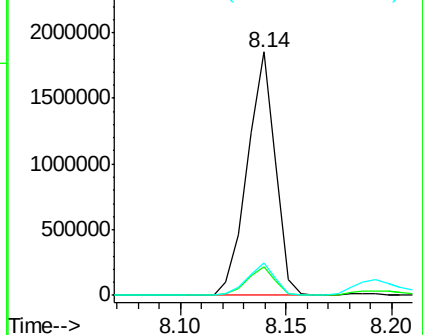
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	13.6	11.3	16.9

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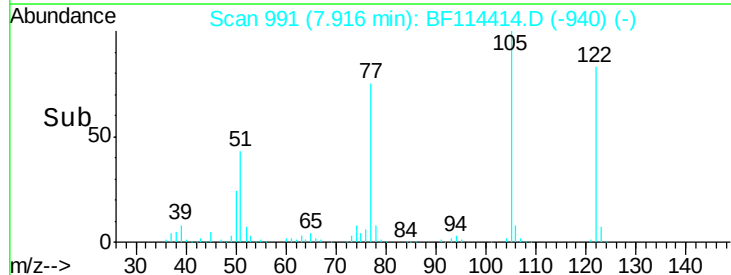
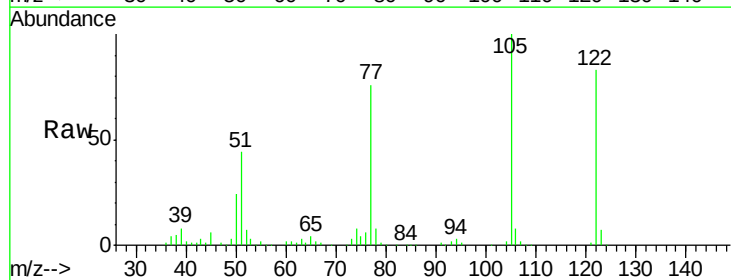
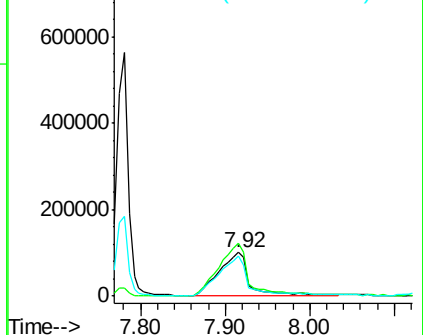
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

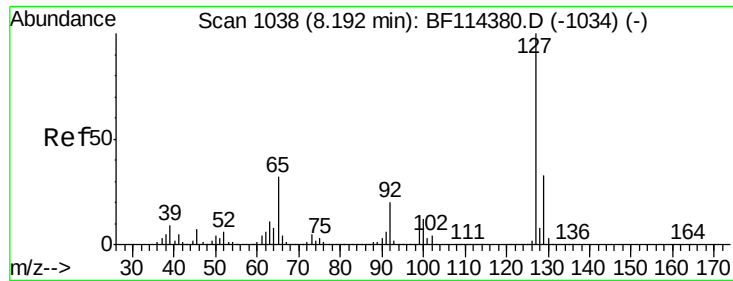


#32
Benzoic acid
Concen: 33.899 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	99.9	139.9
77	92.0	69.4	109.4

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





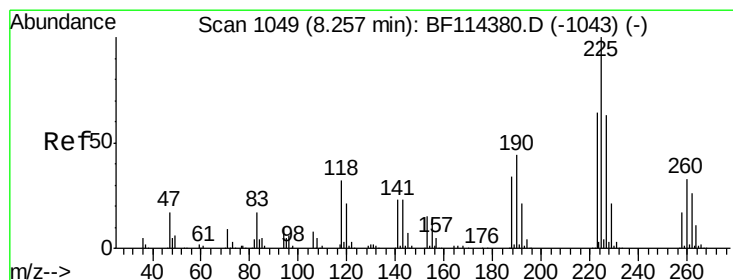
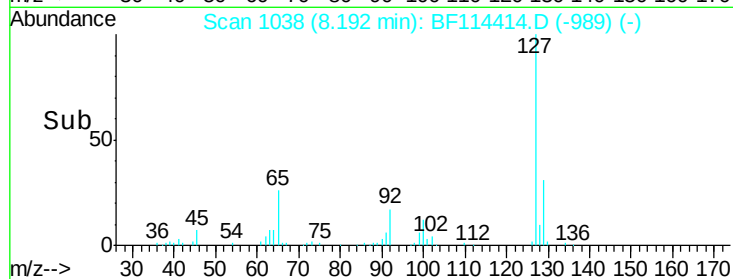
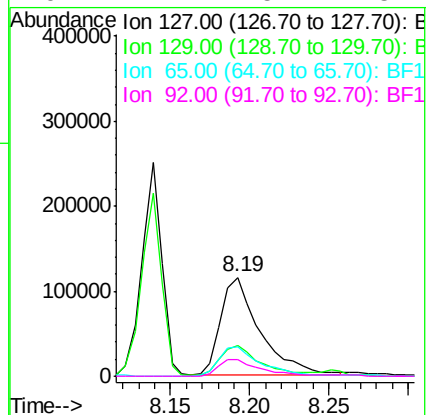
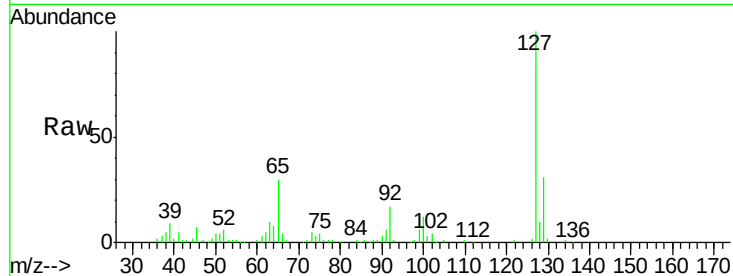
#33
 4-Chloroaniline
 Concen: 11.681 ng
 RT: 8.19 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	197749		
129	31.4	26.7	40.1	
65	29.9	25.4	38.0	
92	17.4	15.4	23.2	

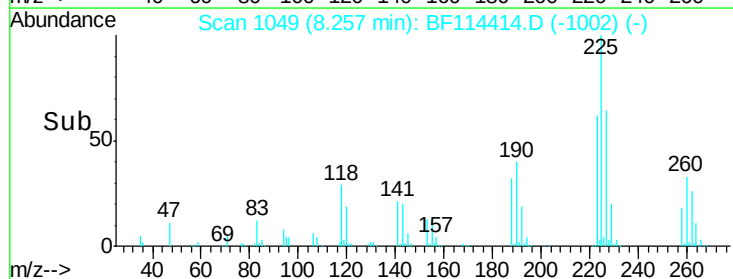
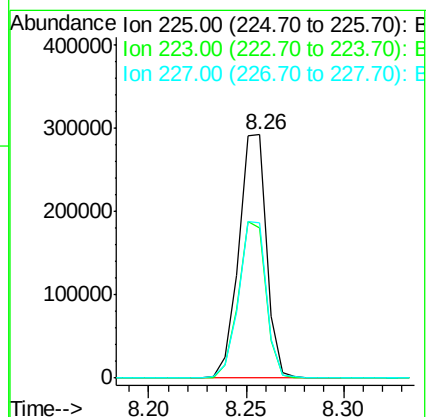
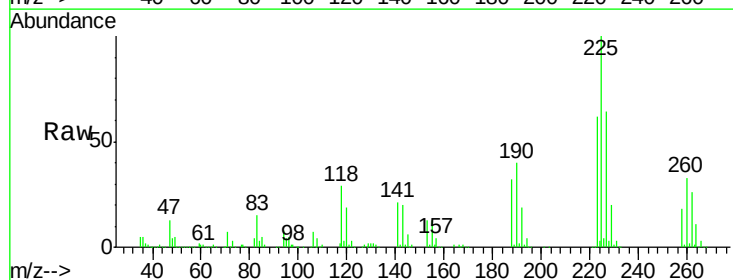
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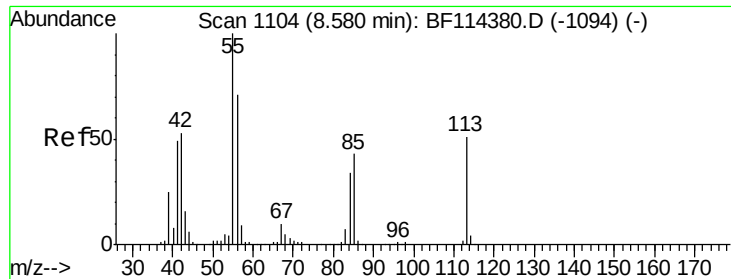
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#34
 Hexachlorobutadiene
 Concen: 40.843 ng
 RT: 8.26 min Scan# 1049
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	289408		
223	61.9	50.2	75.2	
227	64.0	52.6	79.0	





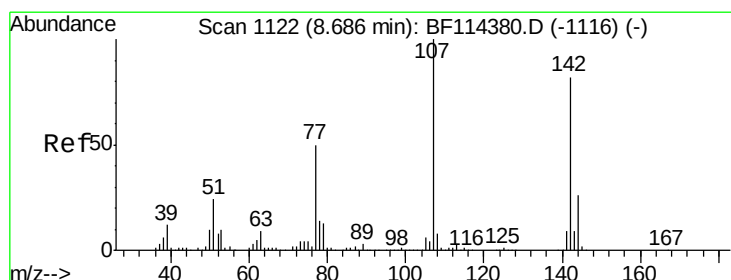
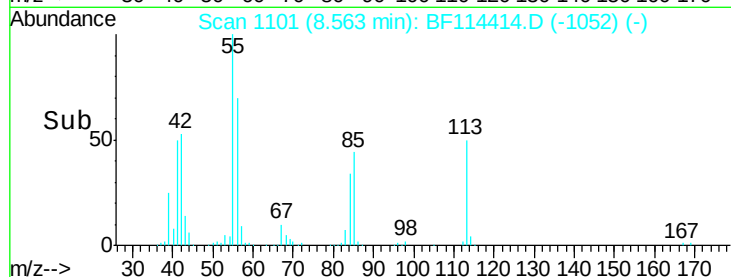
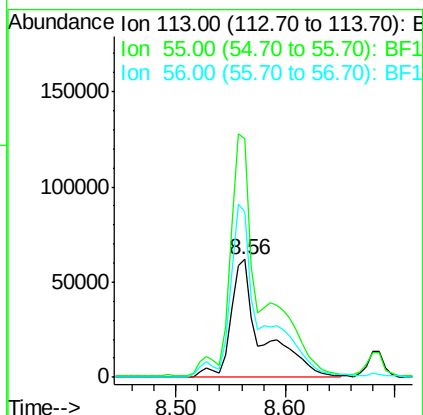
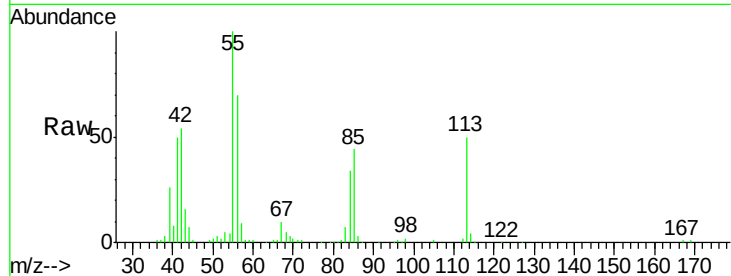
#35
 Caprolactam
 Concen: 35.154 ng m
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Tgt Ion:113 Resp: 125538
 Ion Ratio Lower Upper
 113 100
 55 202.0 183.5 223.5
 56 140.9 128.8 168.8

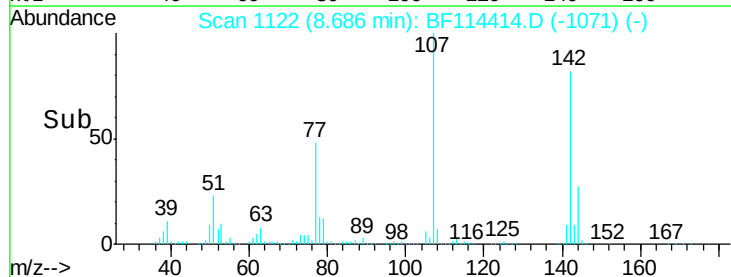
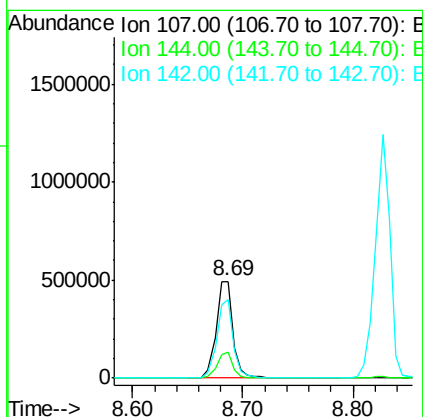
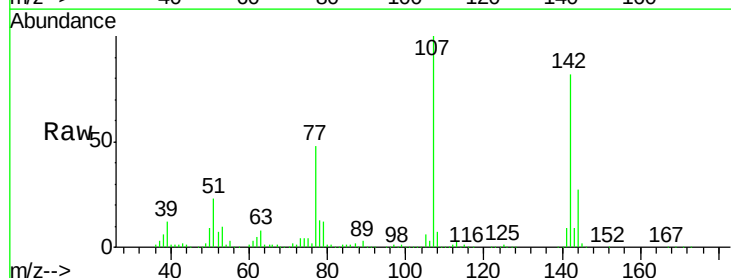
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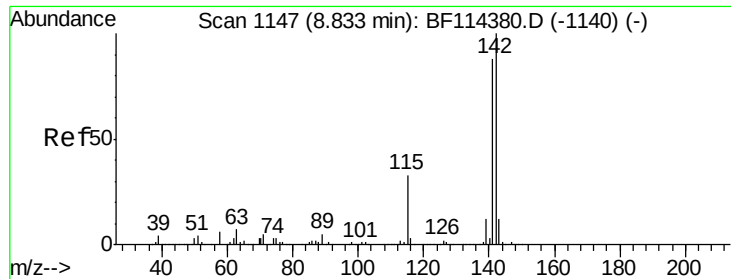
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 5/21/2019 7:17:16 PM



#36
 4-Chloro-3-methylphenol
 Concen: 47.277 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion:107 Resp: 521174
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.4 30.6
 142 81.9 64.2 96.4





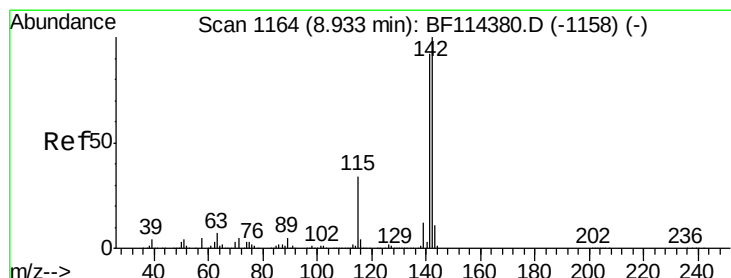
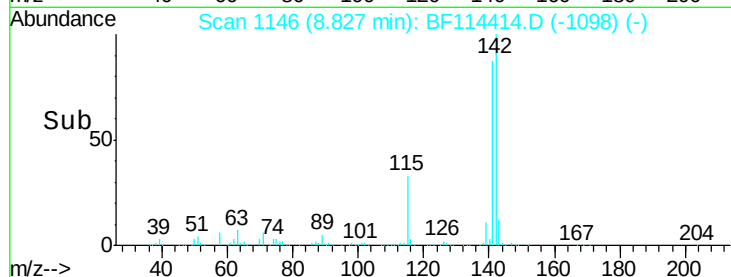
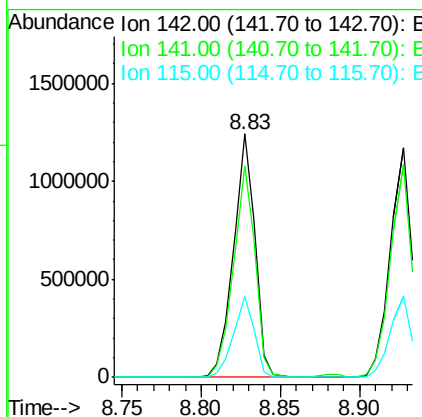
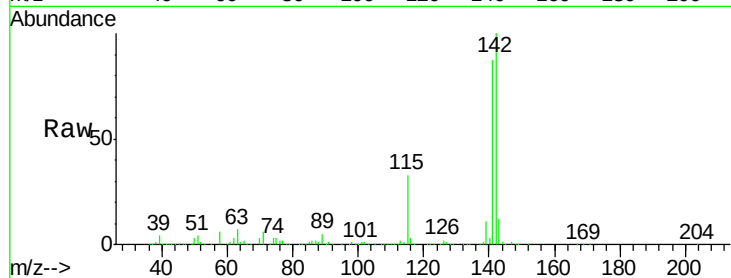
#37
 2-Methylnaphthalene
 Concen: 48.913 ng
 RT: 8.83 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Tgt Ion:142 Resp: 1172381
 Ion Ratio Lower Upper
 142 100
 141 86.8 72.1 108.1
 115 33.3 28.0 42.0

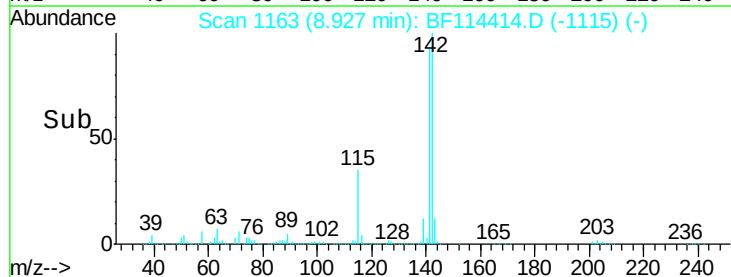
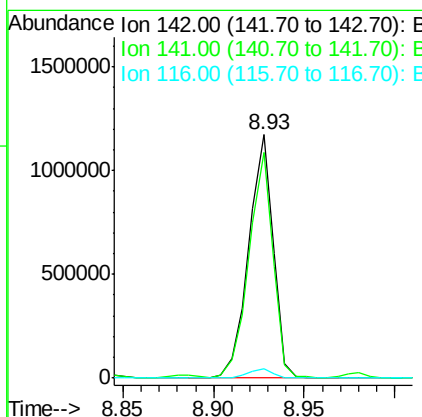
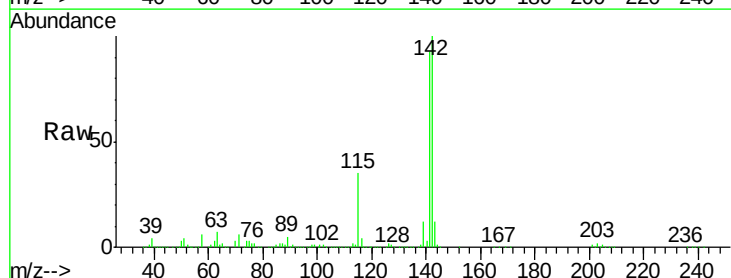
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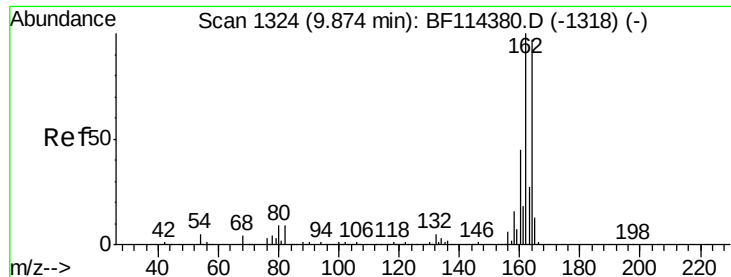
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#38
 1-Methylnaphthalene
 Concen: 48.557 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion:142 Resp: 1096019
 Ion Ratio Lower Upper
 142 100
 141 92.8 73.4 110.0
 116 3.8 3.1 4.7





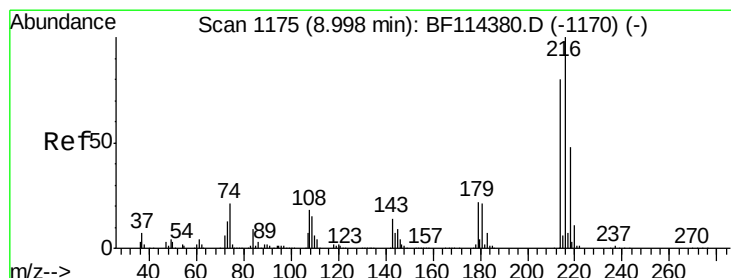
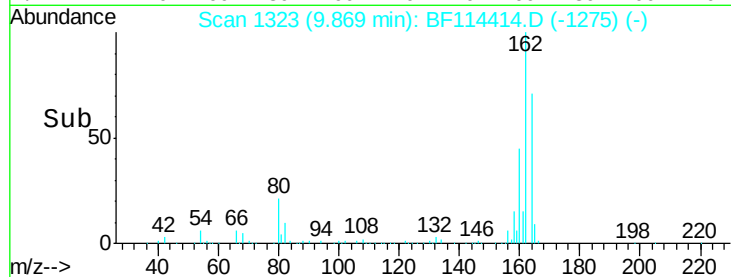
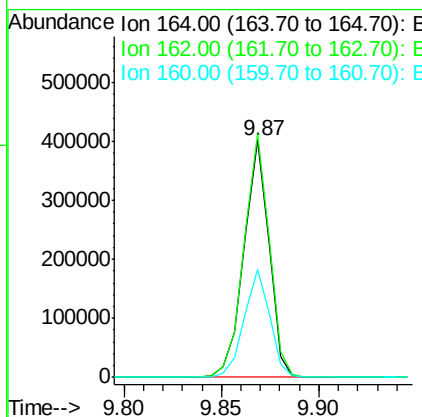
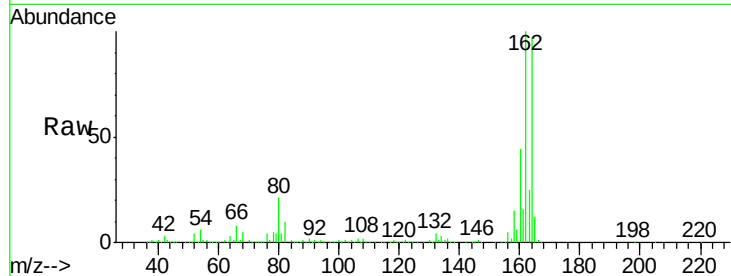
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	359853		
162	102.8	80.6	120.8	
160	45.5	36.5	54.7	

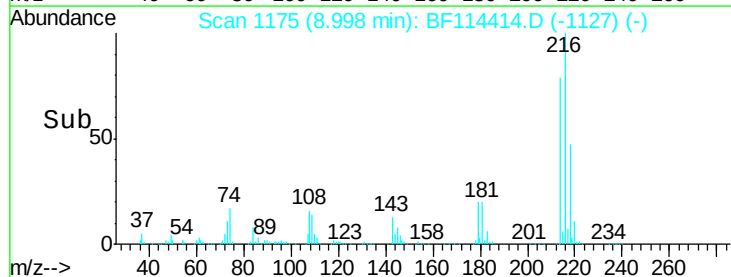
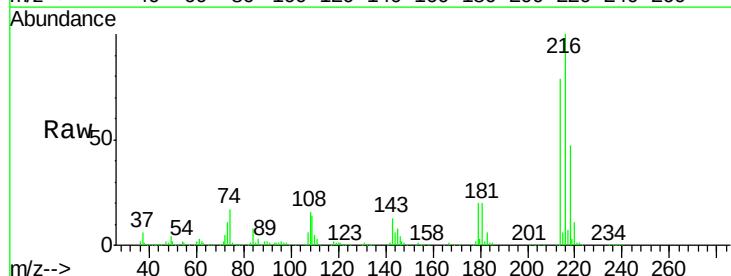
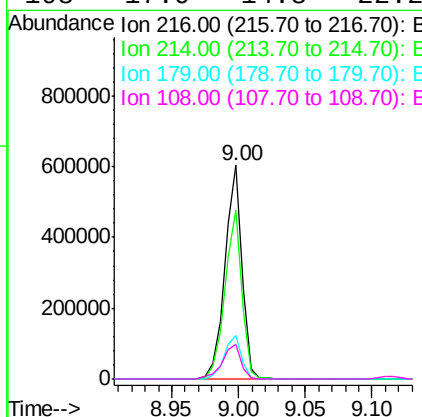
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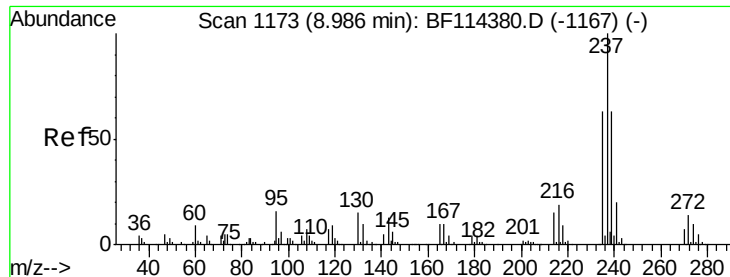
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5/21/2019 7:17:16 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.936 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	544339		
214	78.9	63.9	95.9	
179	20.9	17.0	25.6	
108	17.9	14.8	22.2	





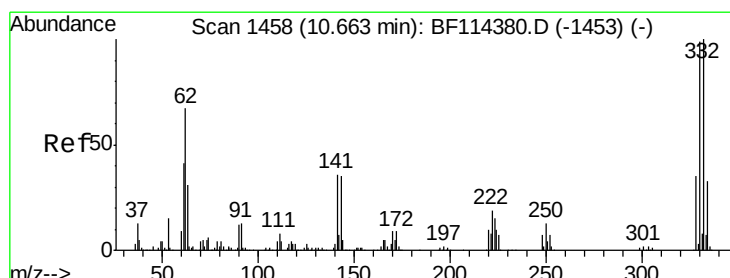
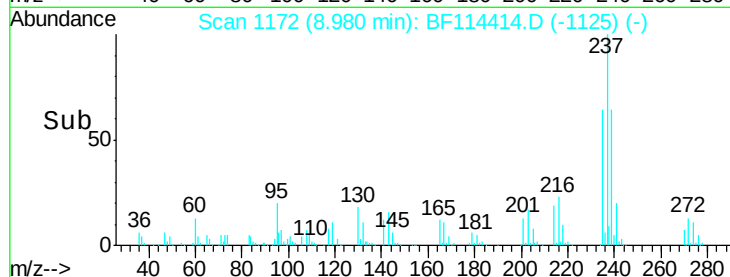
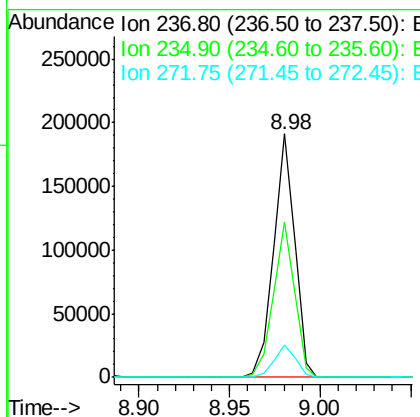
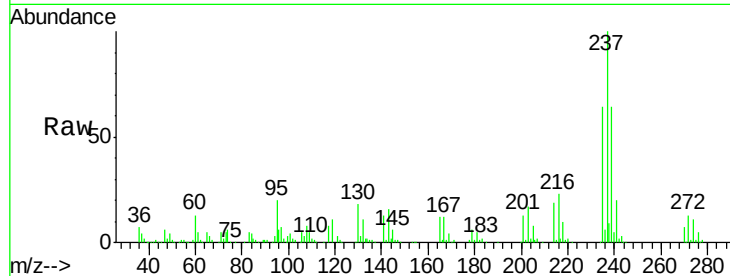
#41
Hexachlorocyclopentadiene
Concen: 33.213 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.7	42.0	82.0
272	13.3	0.0	32.4

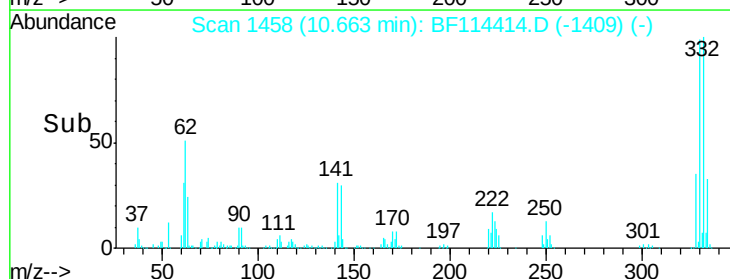
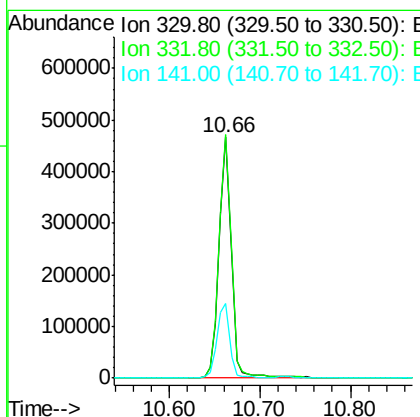
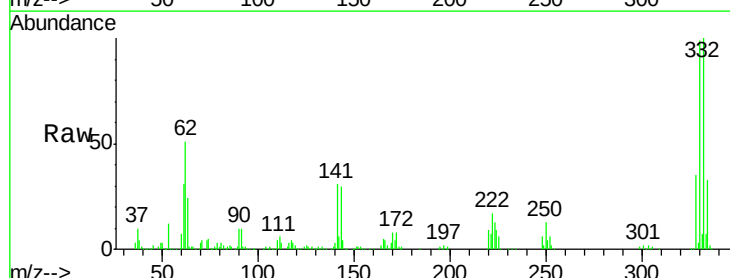
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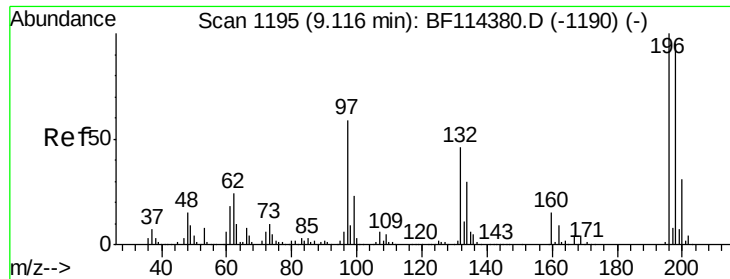
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#42
2,4,6-Tribromophenol
Concen: 117.798 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	102.3	81.4	122.2
141	32.4	26.6	40.0





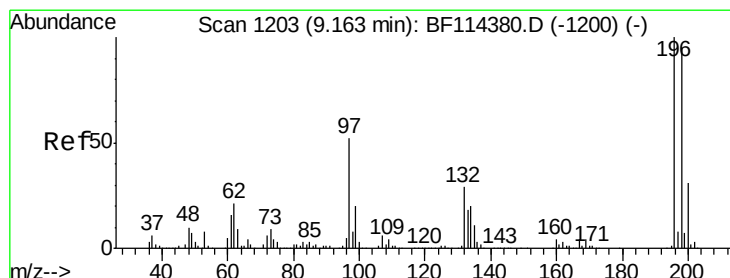
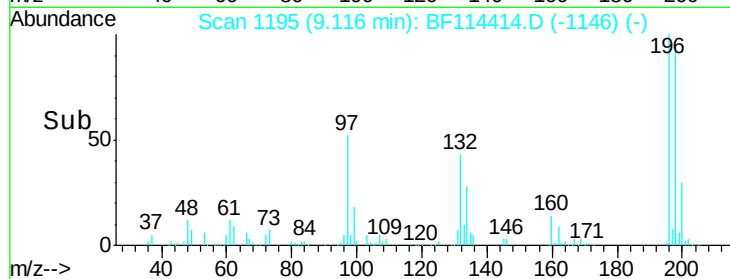
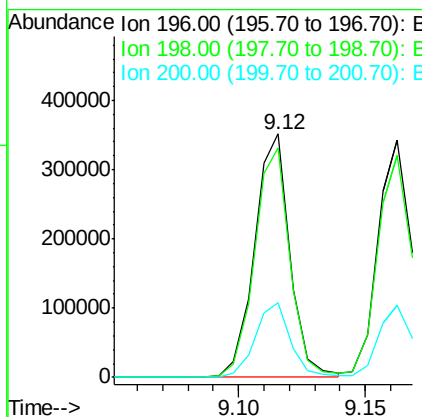
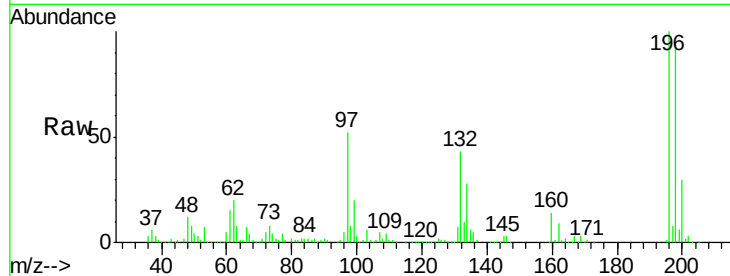
#43
 2,4,6-Trichlorophenol
 Concen: 45.618 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Tgt Ion:	196	Resp:	342037
Ion Ratio	Lower	Upper	
196	100		
198	94.3	75.9	113.9
200	30.5	23.5	35.3

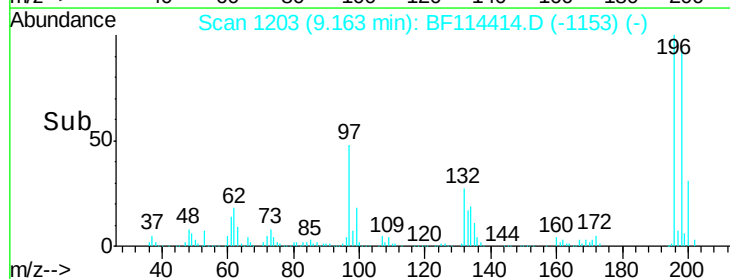
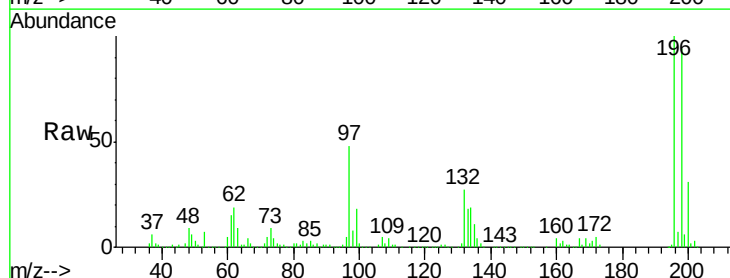
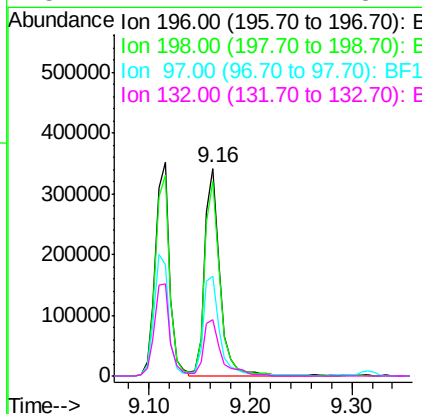
Manual Integrations
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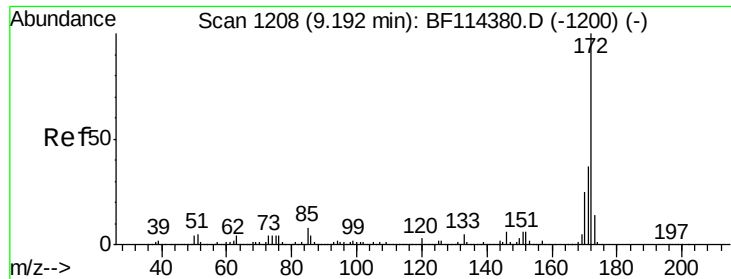
Sohil
 5/21/2019 7:17:16 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.305 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion:	196	Resp:	356058
Ion Ratio	Lower	Upper	
196	100		
198	93.6	77.7	116.5
97	48.3	38.2	57.2
132	27.2	21.4	32.2





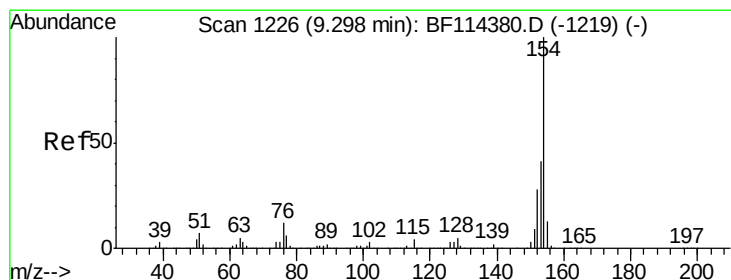
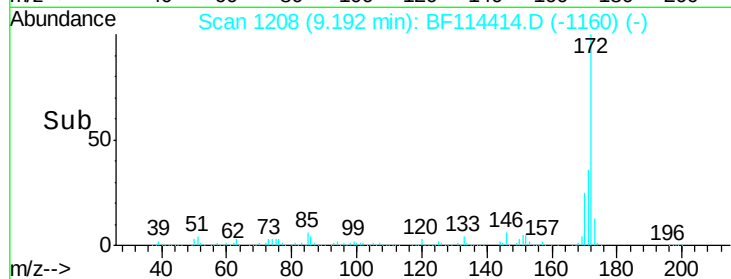
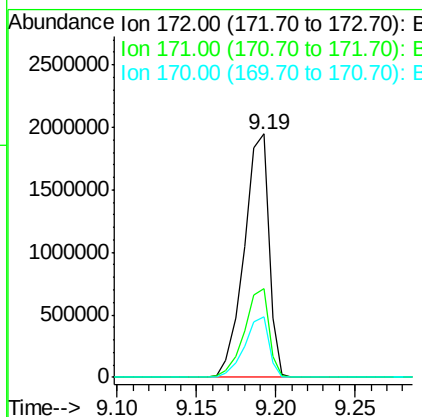
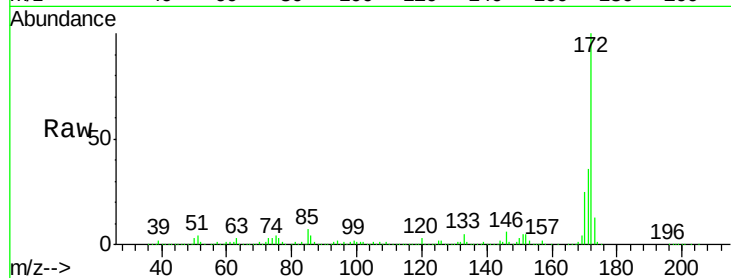
#45
2-Fluorobiphenyl
Concen: 88.649 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.7	46.1
170	24.6	20.5	30.7

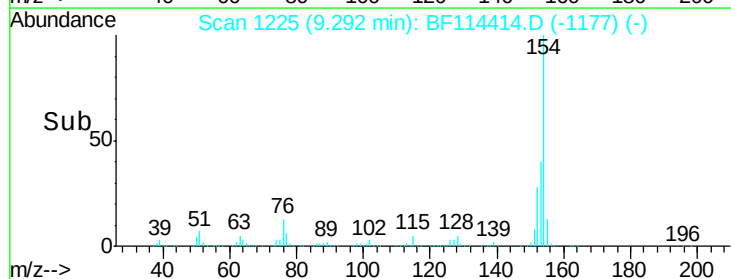
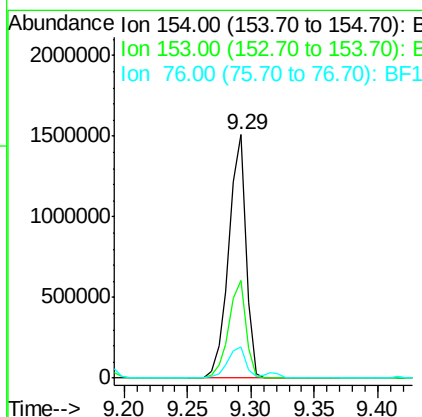
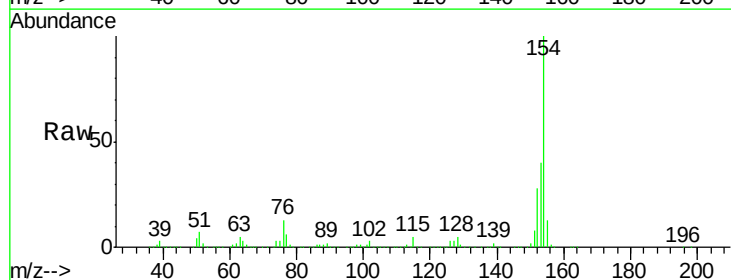
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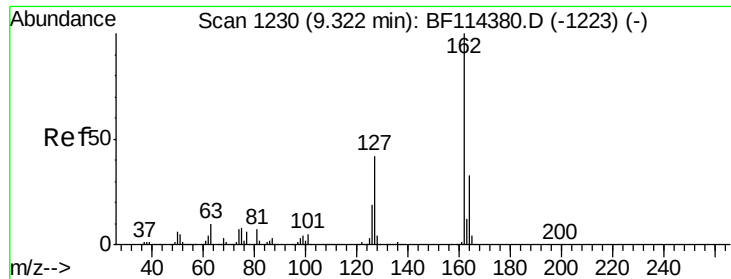
Sohil
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#46
1,1'-Biphenyl
Concen: 48.862 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.9	61.9
76	12.6	0.0	32.8





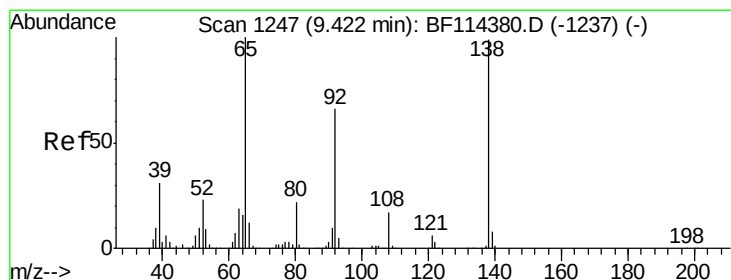
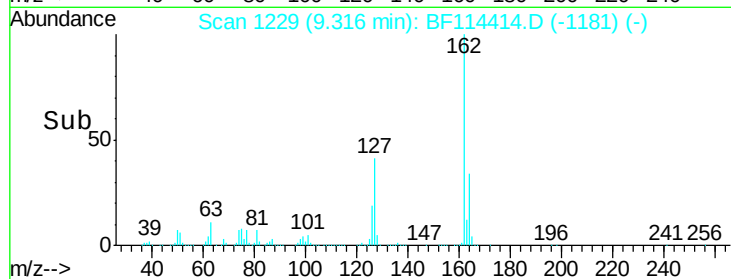
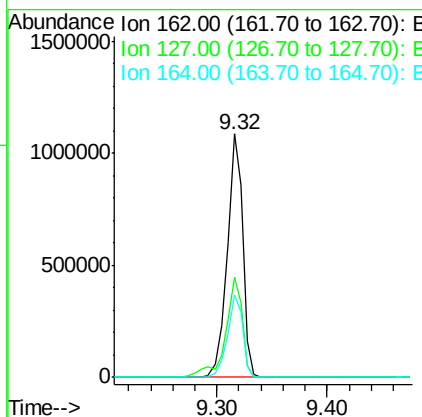
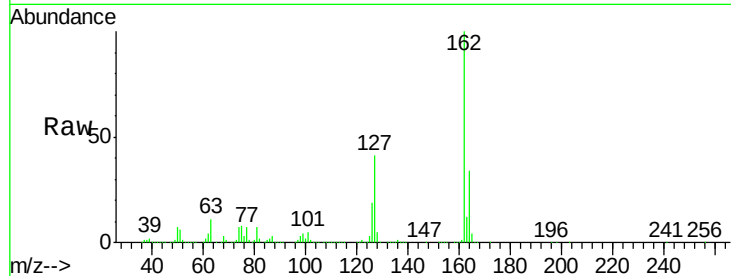
#47
 2-Chloronaphthalene
 Concen: 45.766 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.0	34.0	51.0
164	33.7	26.7	40.1

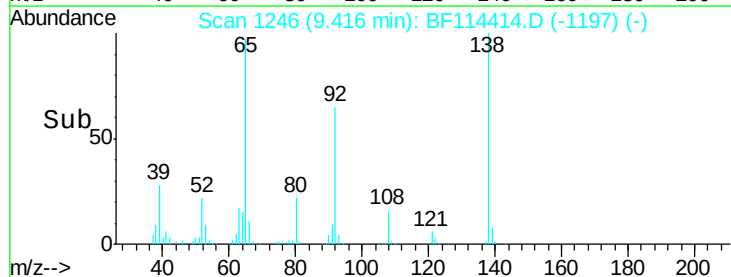
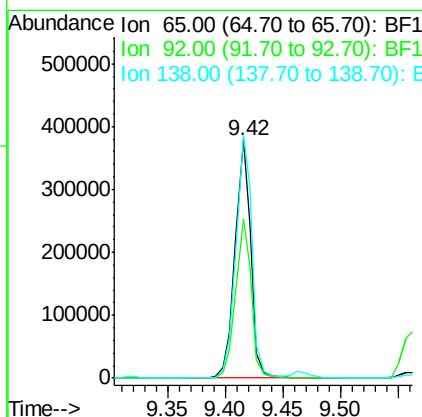
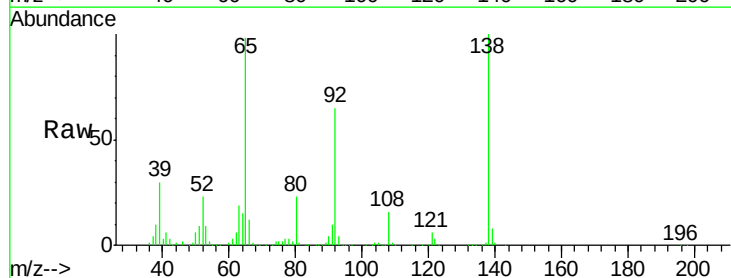
Manual Integrations
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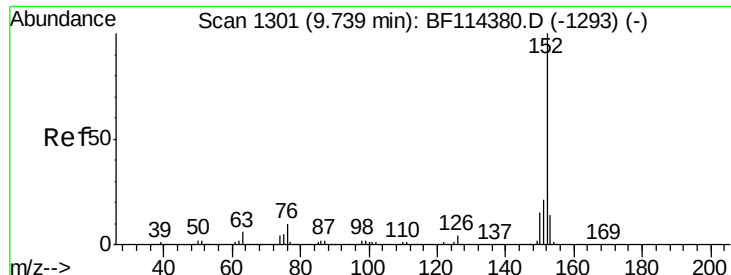
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#48
 2-Nitroaniline
 Concen: 42.891 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.0	53.9	80.9
138	102.3	81.4	122.0





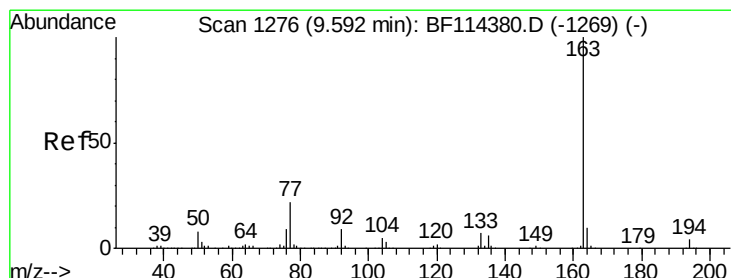
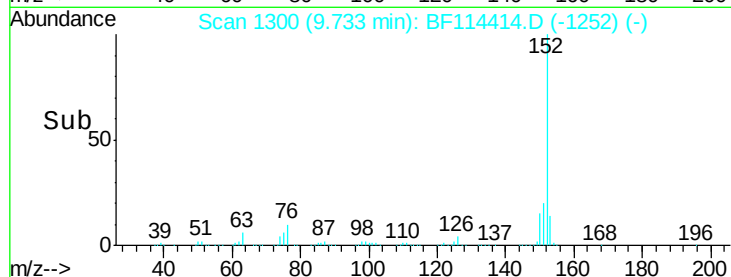
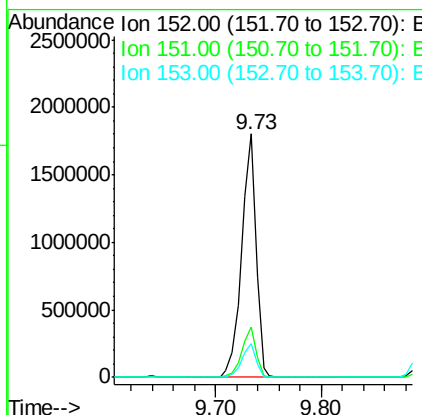
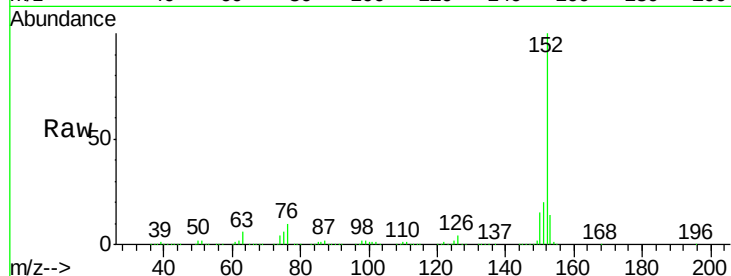
#49
Acenaphthylene
Concen: 47.109 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion:152 Resp: 1676329
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.6 11.4 17.2

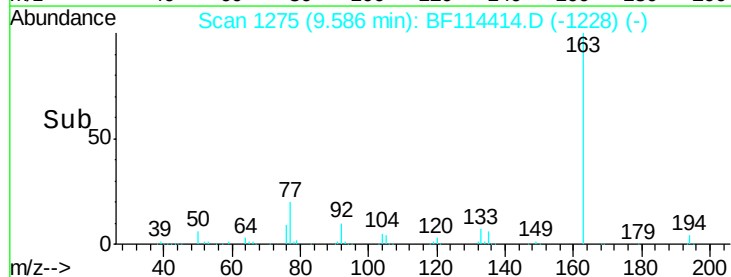
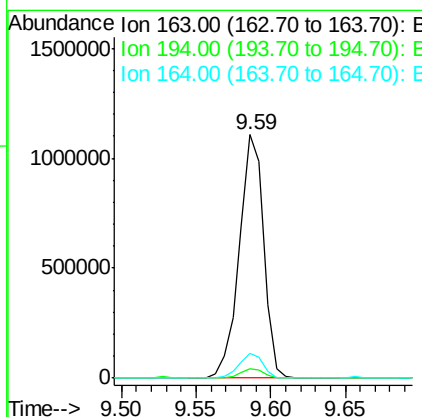
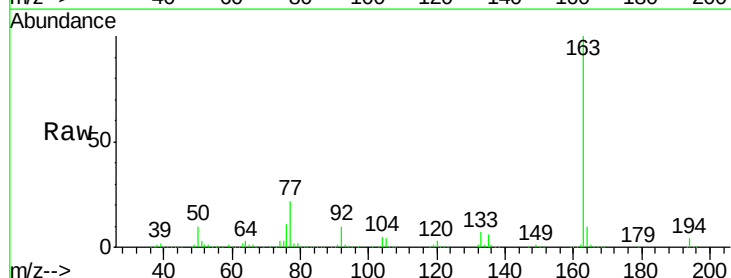
Manual Integrations
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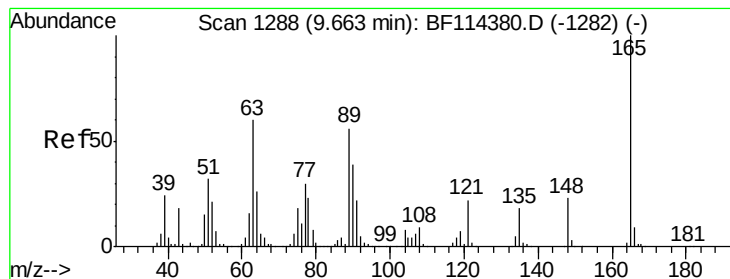
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#50
Dimethylphthalate
Concen: 47.699 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:163 Resp: 1260046
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.246 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

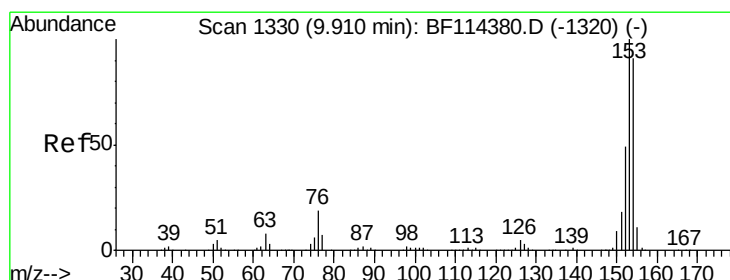
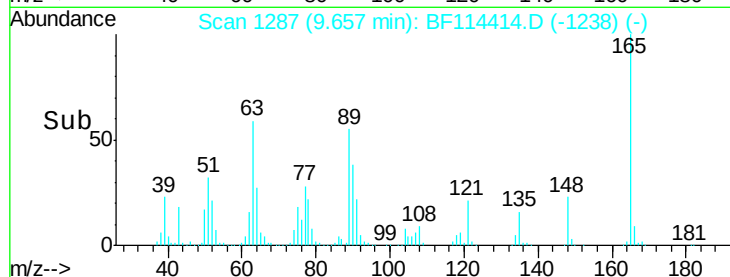
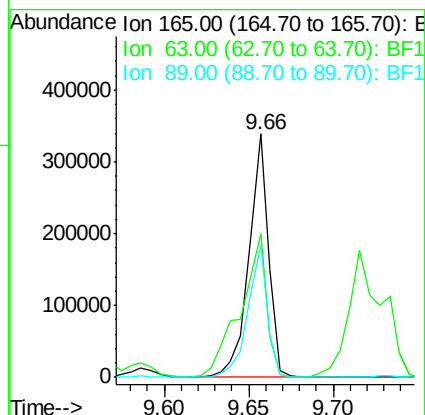
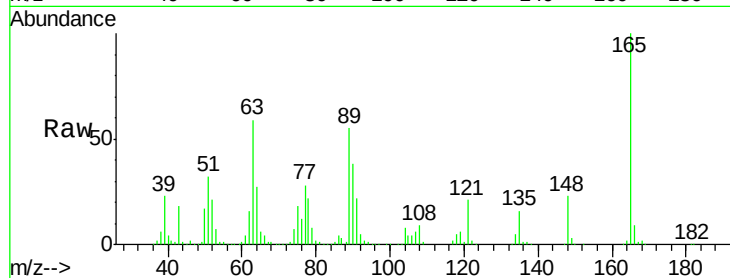
ClientSampleId :

OR-02-051619-AMS

Tgt Ion:	165	Resp:	276822
Ion Ratio	Lower	Upper	
165	100		
63	58.9	50.2	75.4
89	54.6	46.6	69.8

Manual Integrations
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#52

Acenaphthene

Concen: 44.932 ng

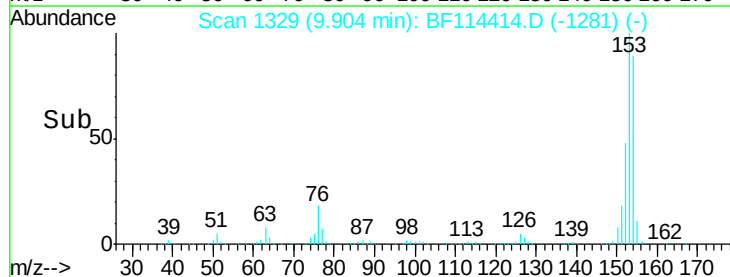
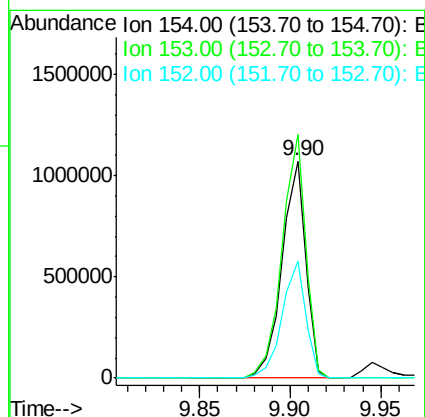
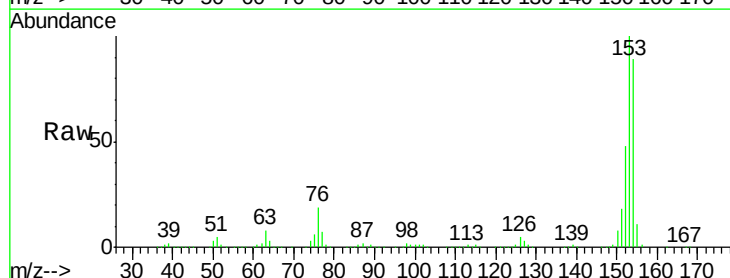
RT: 9.90 min Scan# 1329

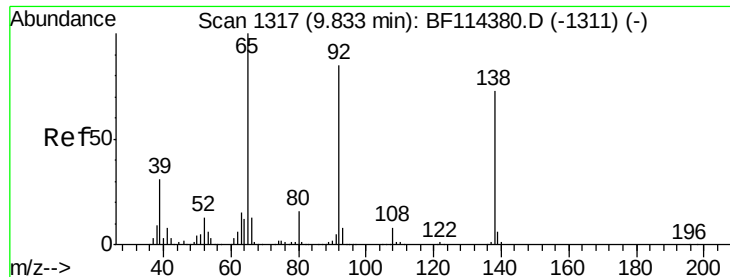
Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion:	154	Resp:	981145
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.5	135.7
152	53.9	43.4	65.2





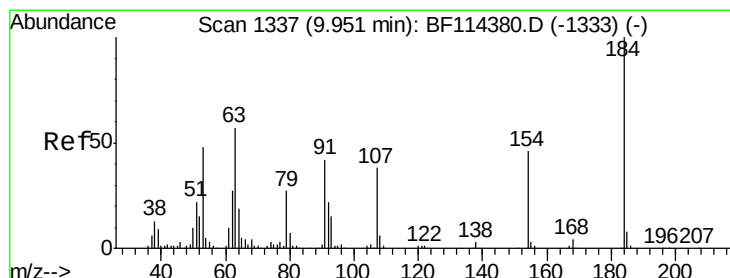
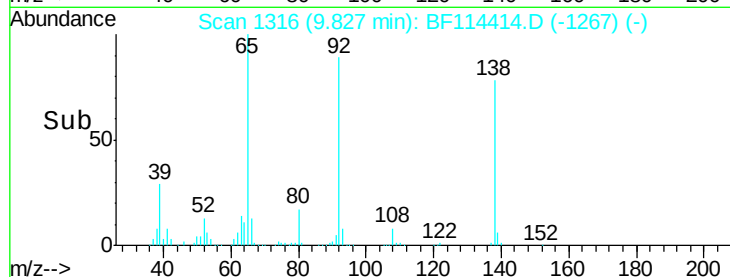
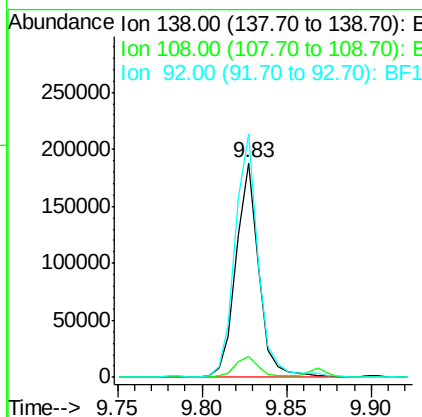
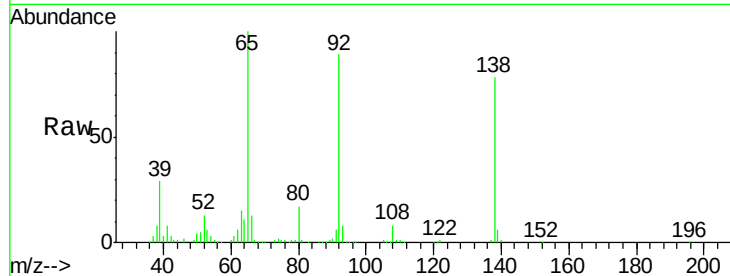
#53
3-Nitroaniline
Concen: 24.228 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	176219		
108	9.9	7.8	11.6	
92	113.4	91.2	136.8	

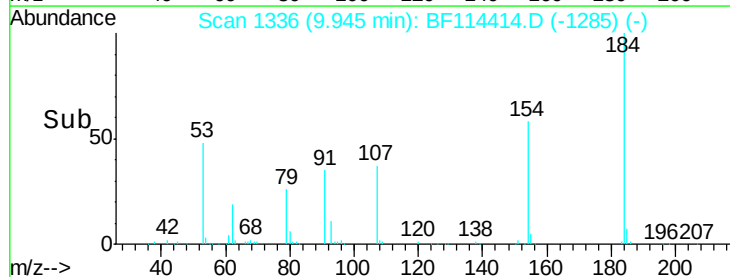
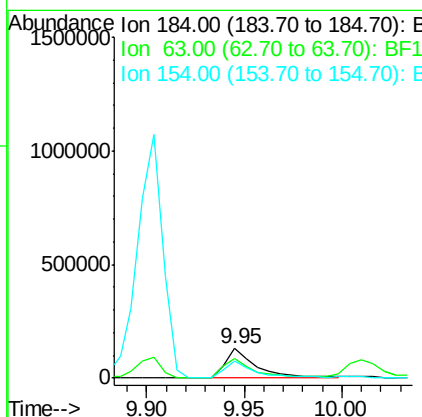
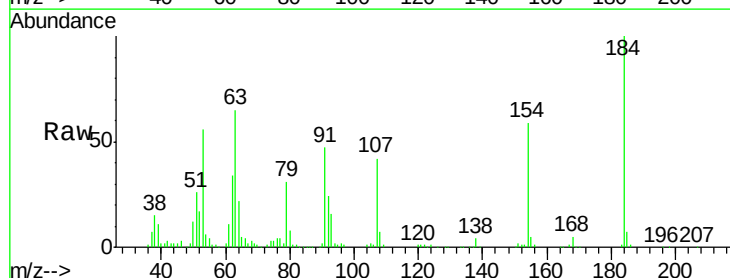
Manual Integrations
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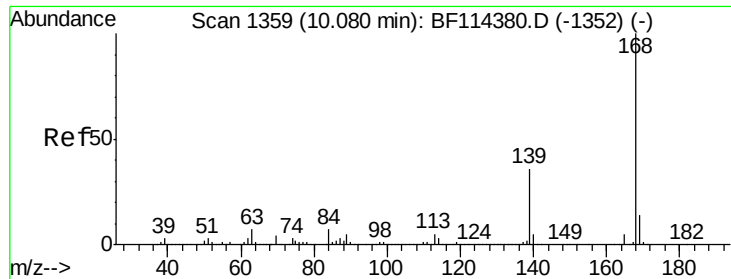
Sohil
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#54
2,4-Dinitrophenol
Concen: 51.623 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	144395		
63	64.9	55.6	83.4	
154	59.0	46.0	69.0	





#55

Dibenzenofuran

Concen: 44.733 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-AMS

Tgt Ion:168 Resp: 1432319

Ion Ratio Lower Upper

168 100

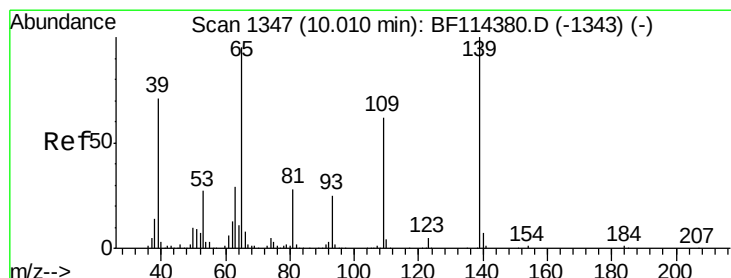
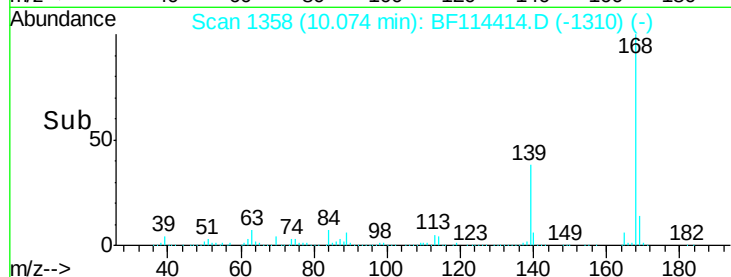
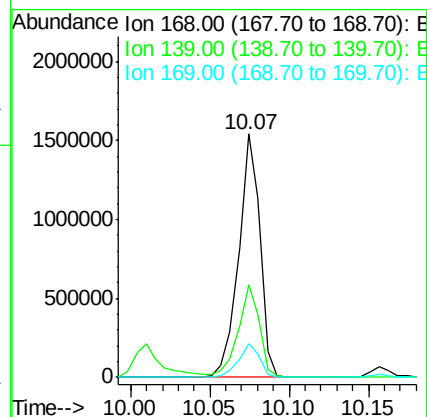
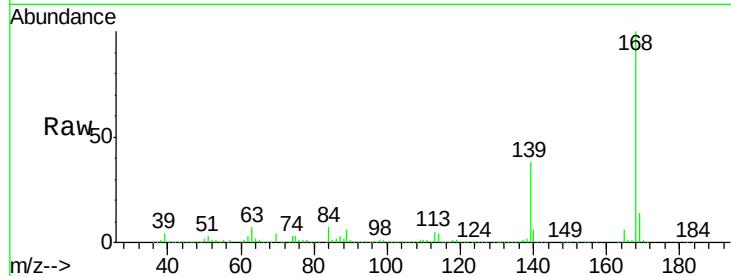
139 38.2 31.1 46.7

169 14.0 11.4 17.0

Manual Integrations
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5/21/2019 7:17:16 PM



#56

4-Nitrophenol

Concen: 49.773 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

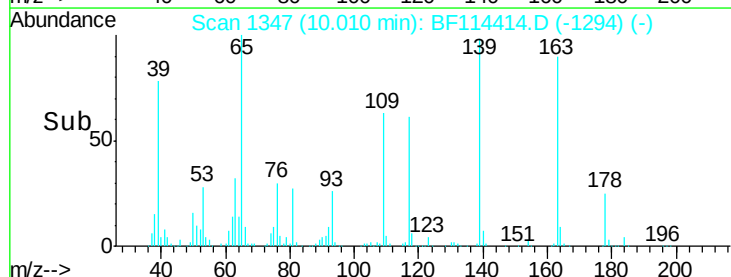
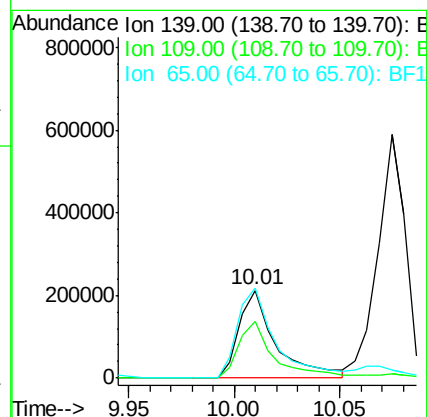
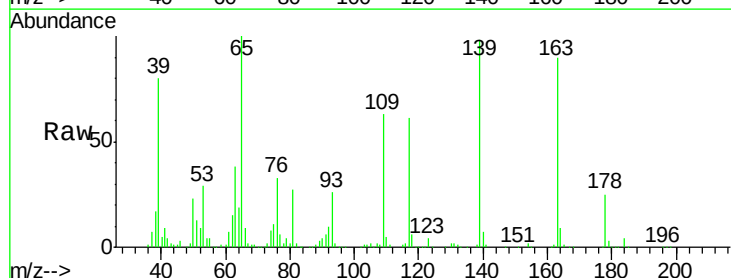
Tgt Ion:139 Resp: 256012

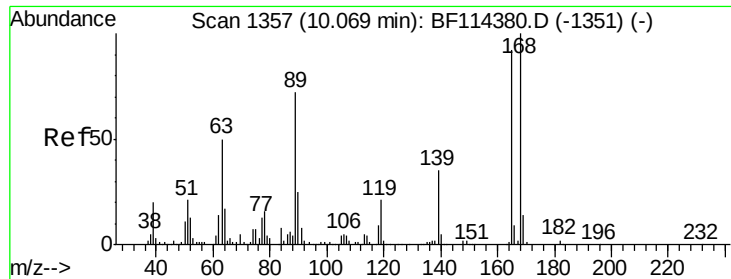
Ion Ratio Lower Upper

139 100

109 64.1 43.9 83.9

65 102.4 85.7 125.7





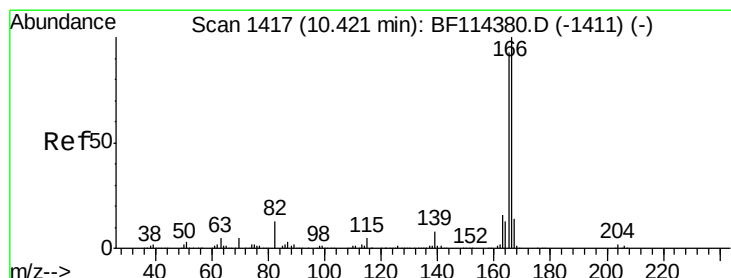
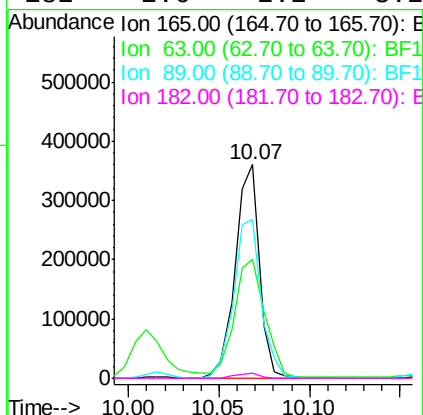
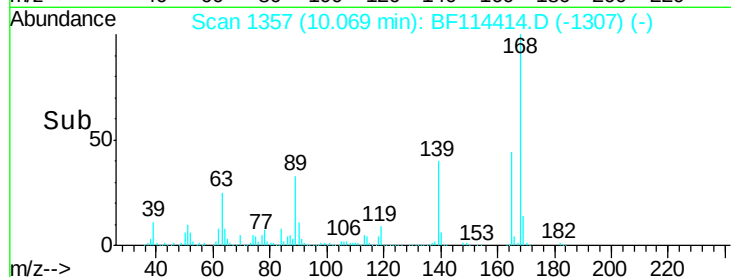
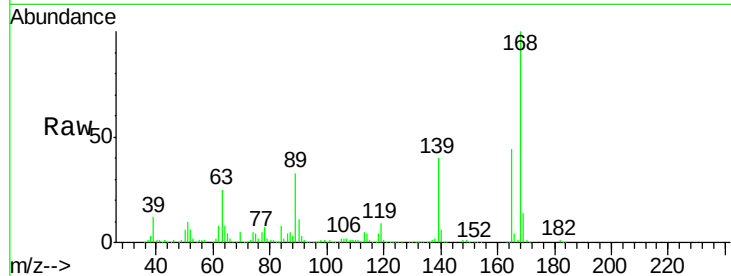
#57
2,4-Dinitrotoluene
Concen: 42.304 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	56.0	35.5	53.3#
89	74.2	55.2	82.8
182	2.6	2.2	3.2

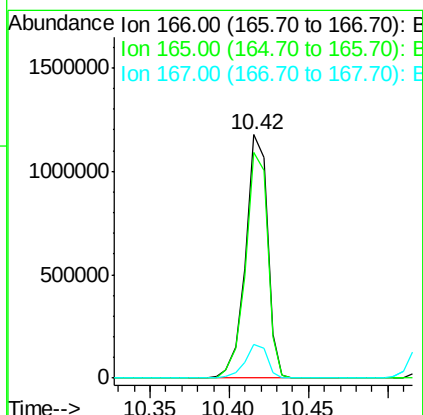
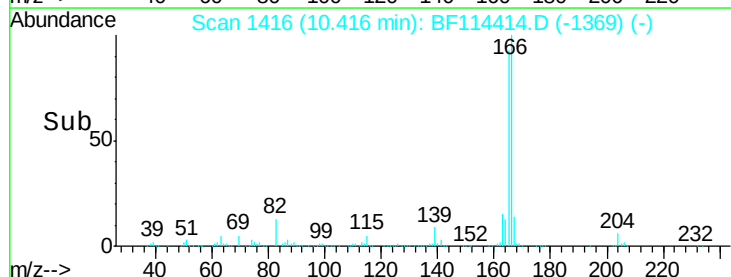
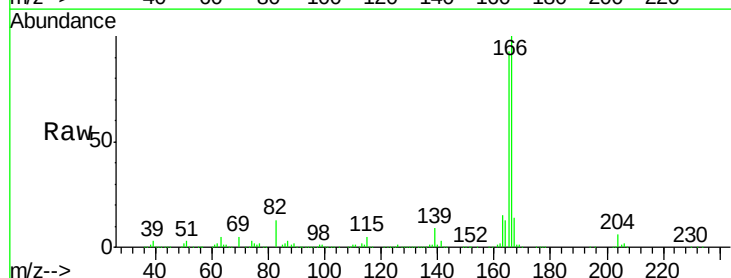
Manual Integrations
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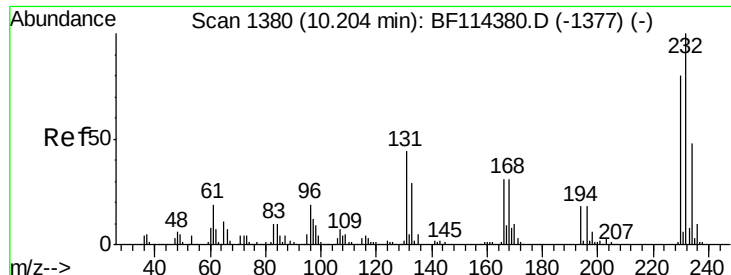
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#58
Fluorene
Concen: 45.702 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	92.6	76.1	114.1
167	13.8	11.1	16.7





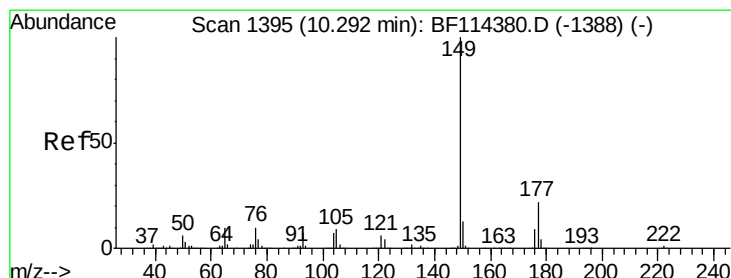
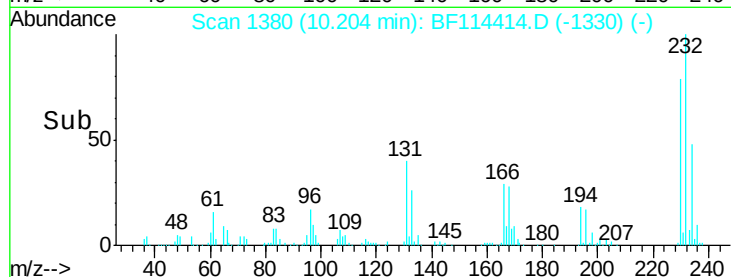
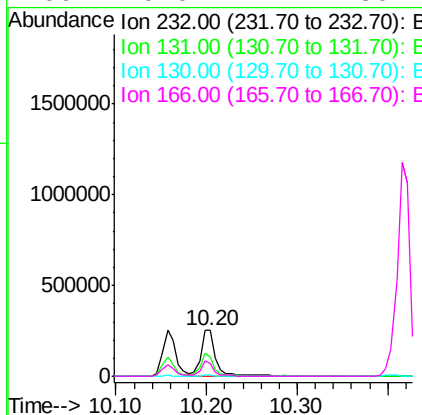
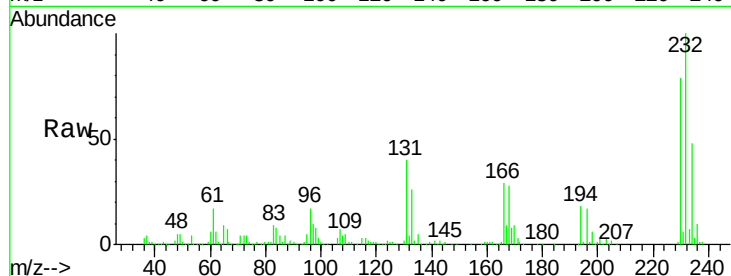
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.584 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	289167		
131	43.3	35.6	53.4	
130	2.2	1.6	2.4	
166	29.0	24.1	36.1	

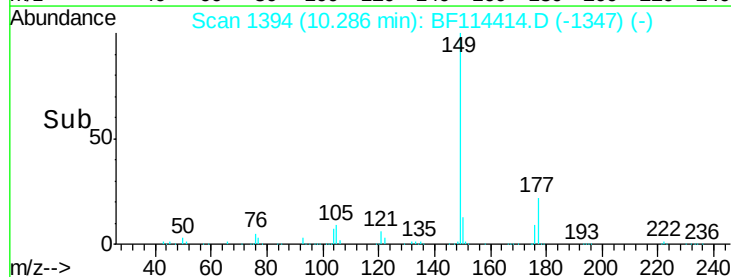
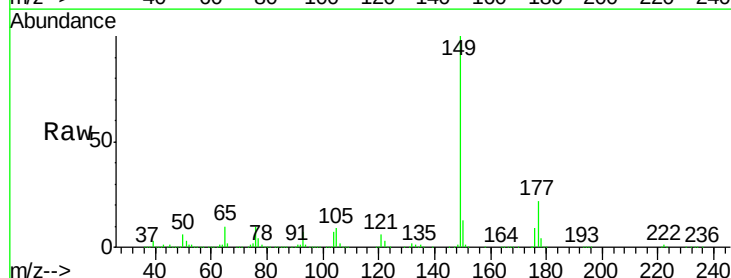
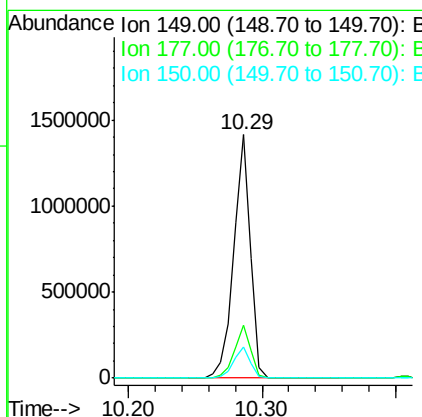
Manual Integrations
 APPROVED

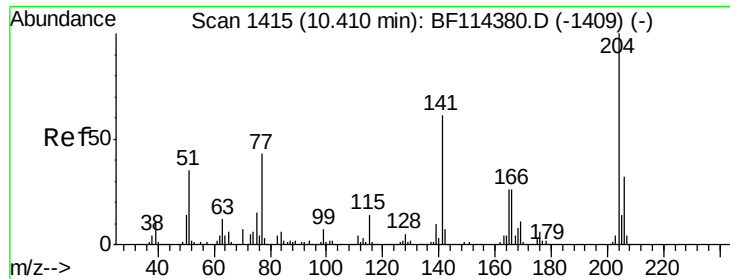
Sohil
 5/21/2019 7:17:16 PM



#60
 Diethylphthalate
 Concen: 46.115 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1237756		
177	21.8	17.8	26.6	
150	12.7	10.2	15.2	





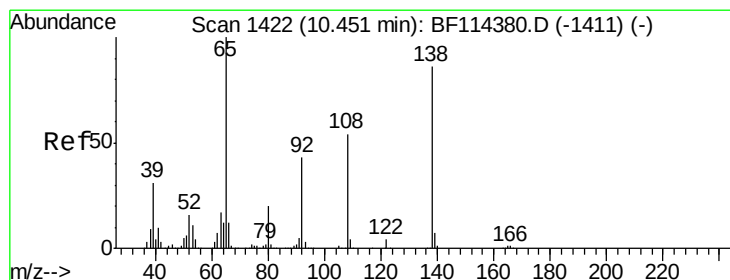
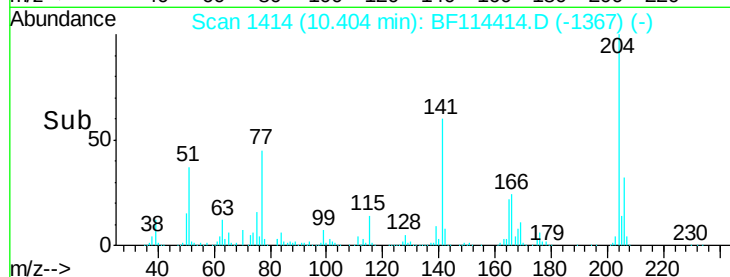
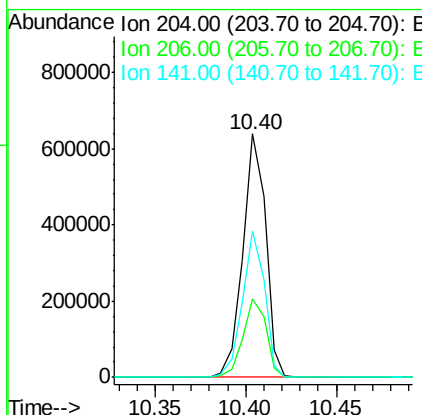
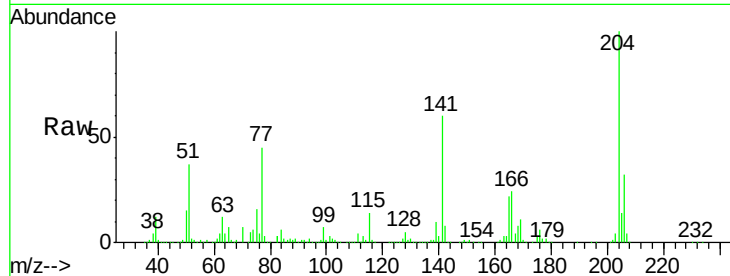
#61
4-Chlorophenyl-phenylether
Concen: 46.158 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	60.2	46.4	69.6

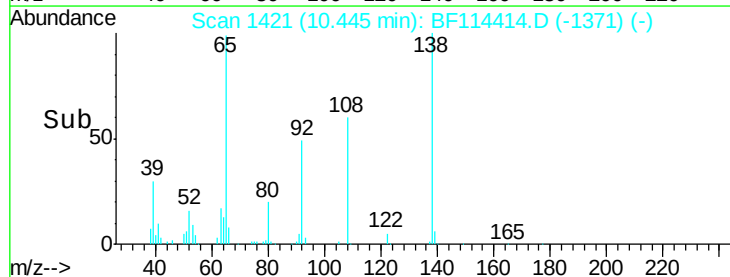
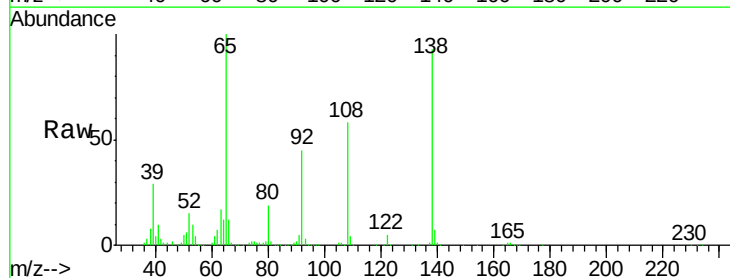
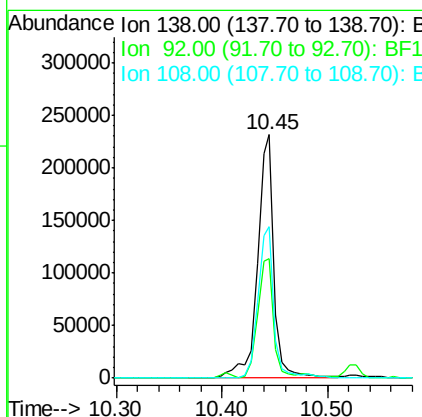
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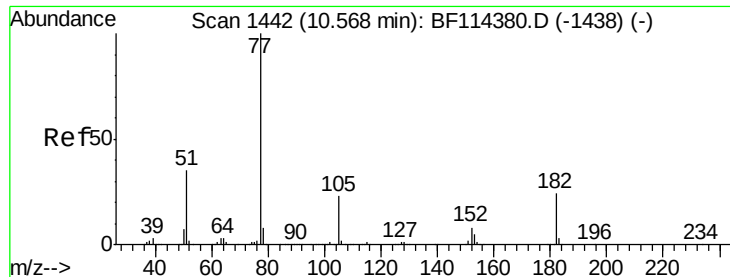
Sohil
5/21/2019 7:17:16 PM



#62
4-Nitroaniline
Concen: 33.616 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	33.0	73.0
108	62.0	44.9	84.9





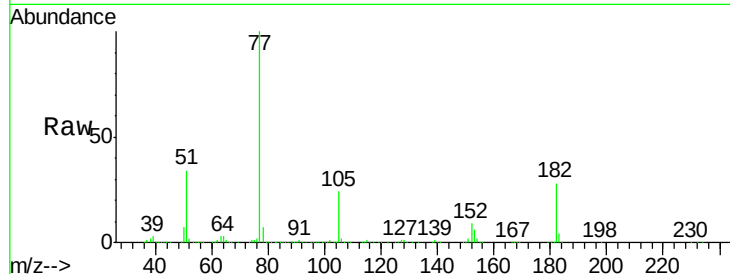
#63
Azobenzene
Concen: 45.539 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	4.7	44.7
105	23.7	2.9	42.9
51	33.6	14.6	54.6

Manual Integrations
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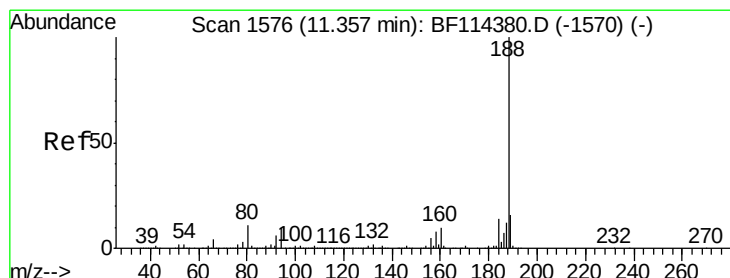
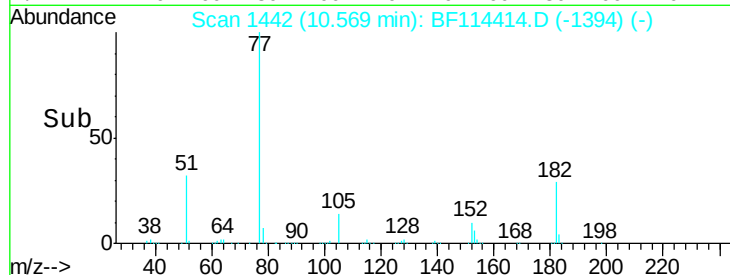
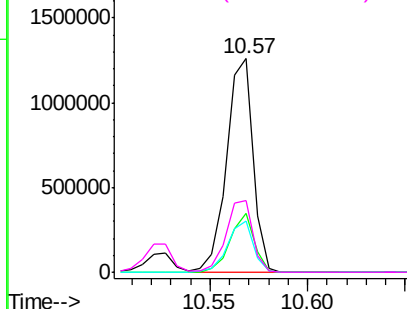
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

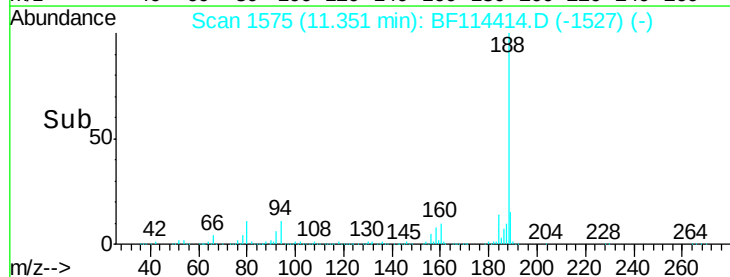
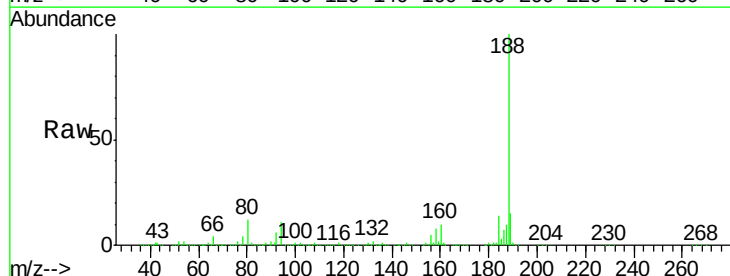
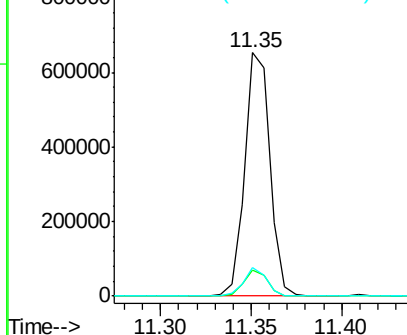
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.4	12.6
80	11.5	9.2	13.8

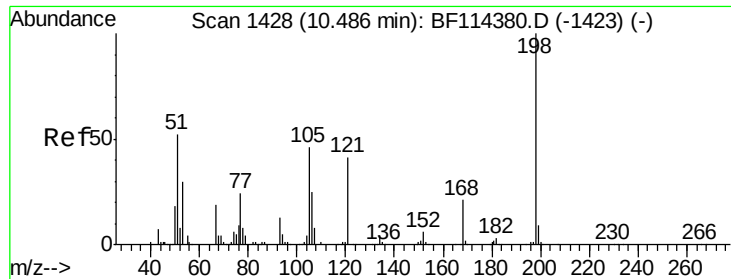
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 35.925 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

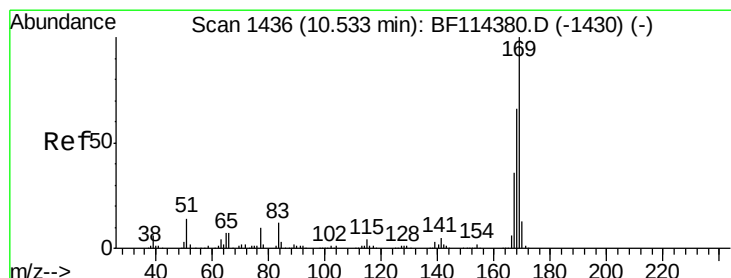
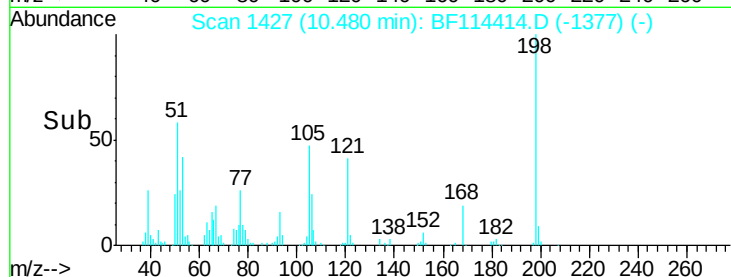
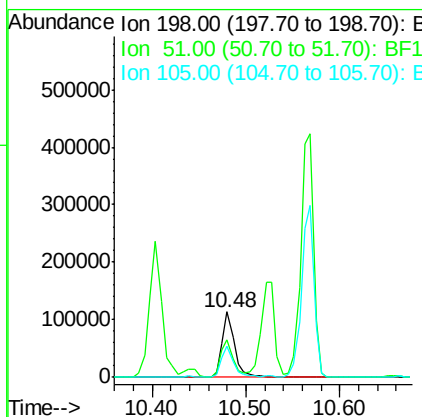
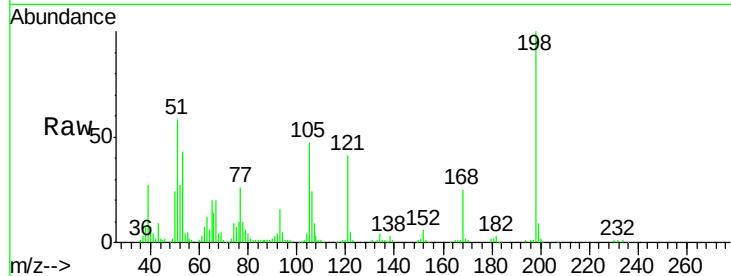
ClientSampleId :

OR-02-051619-AMS

Tgt Ion:	198	Resp:	108269
Ion Ratio	Lower	Upper	
198	100		
51	58.0	28.0	68.0
105	47.1	21.1	61.1

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#66

n-Nitrosodiphenylamine

Concen: 53.236 ng

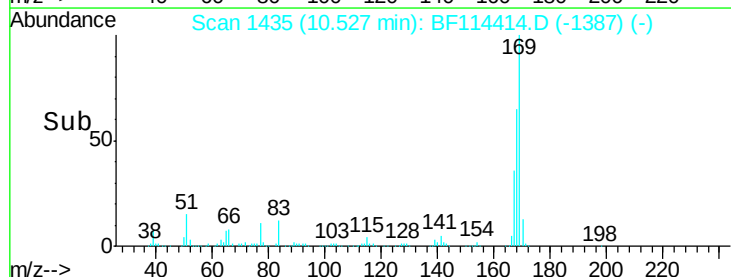
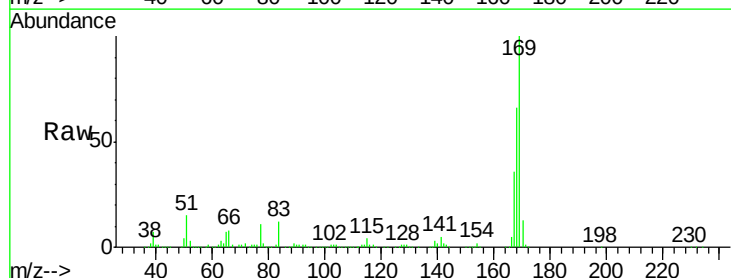
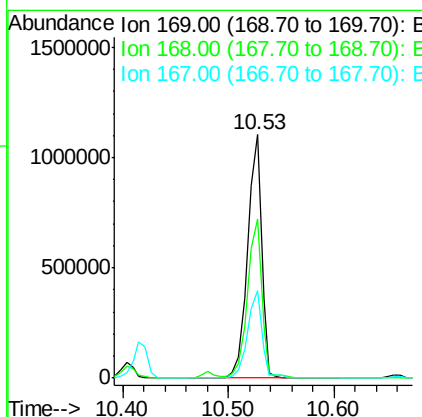
RT: 10.53 min Scan# 1435

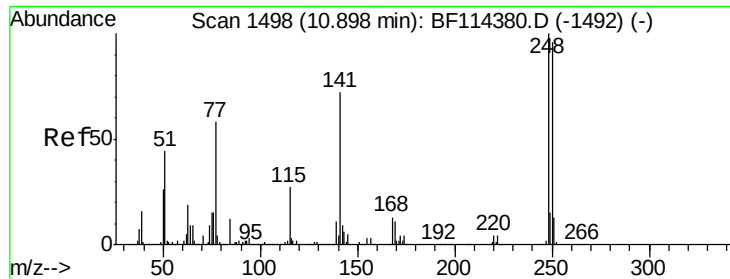
Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion:	169	Resp:	1013379
Ion Ratio	Lower	Upper	
169	100		
168	65.6	54.2	81.2
167	36.1	29.8	44.8





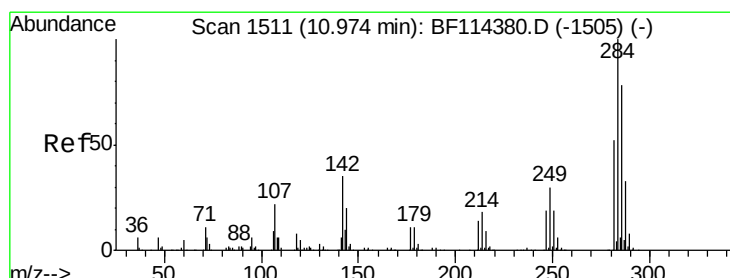
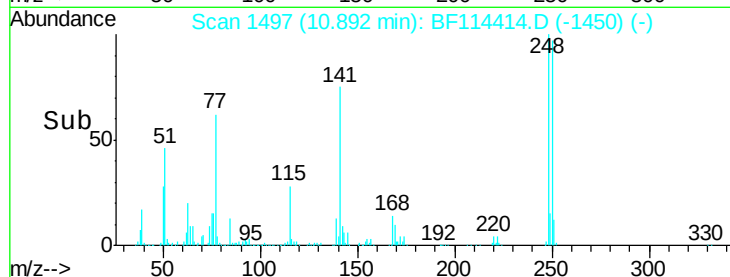
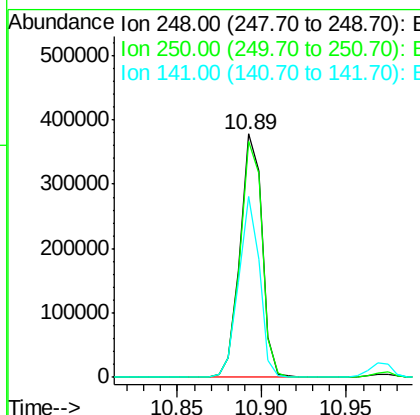
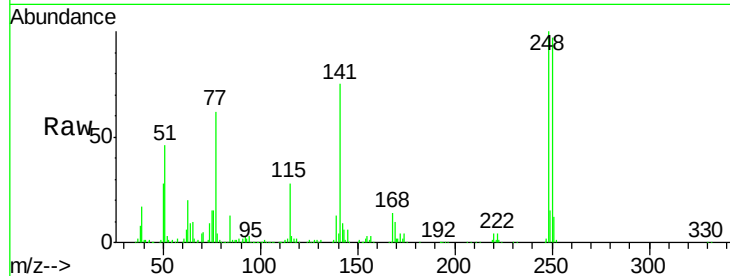
#67
 4-Bromophenyl-phenylether
 Concen: 49.837 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.4	116.2
141	74.5	55.6	83.4

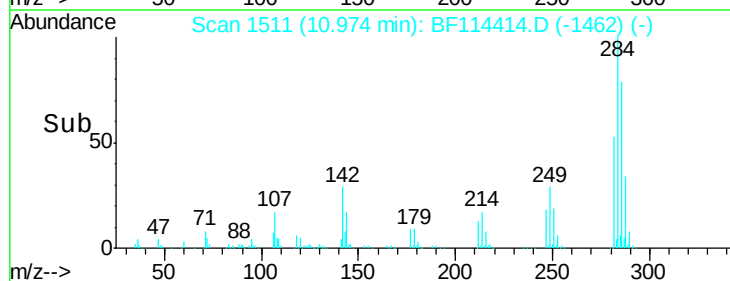
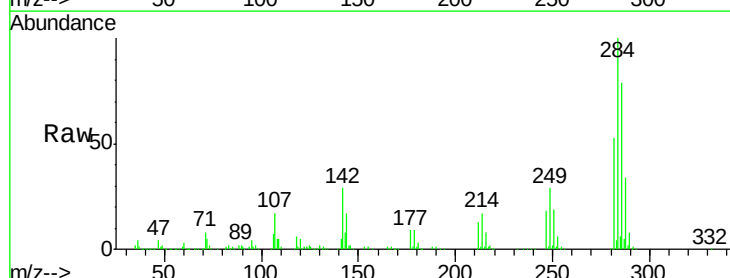
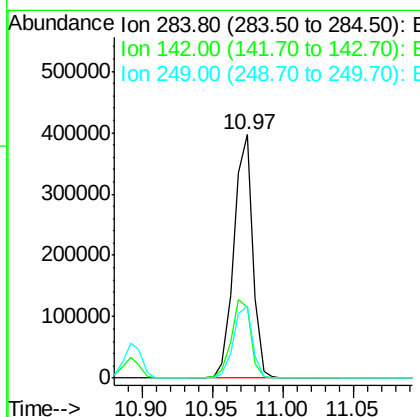
Manual Integrations
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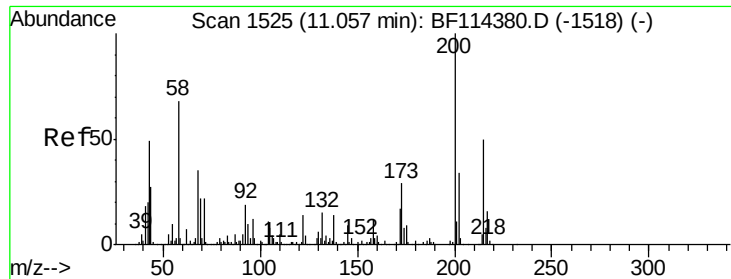
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#68
 Hexachlorobenzene
 Concen: 48.079 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	28.4	42.6
249	29.5	25.2	37.8





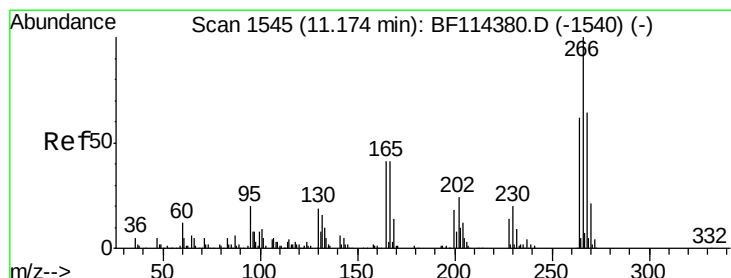
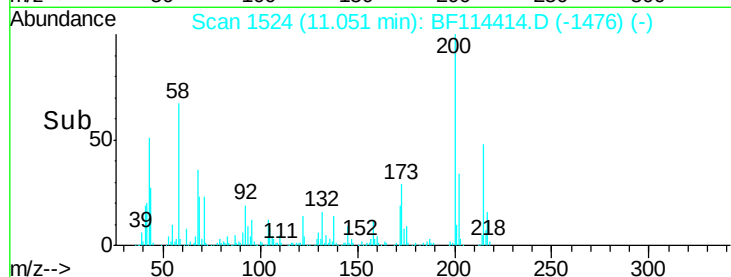
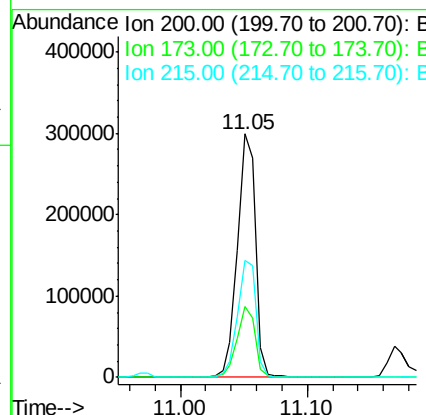
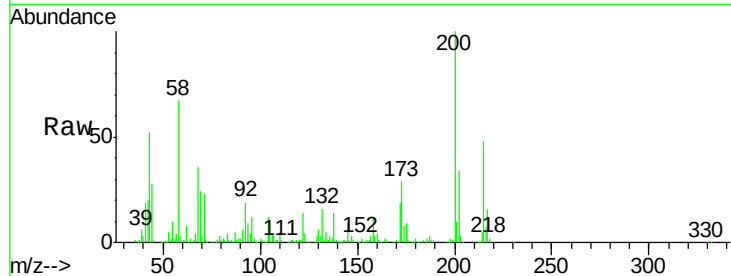
#69
Atrazine
Concen: 49.340 ng
RT: 11.05 min Scan# 1524
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.3	8.9	48.9
215	48.2	30.7	70.7

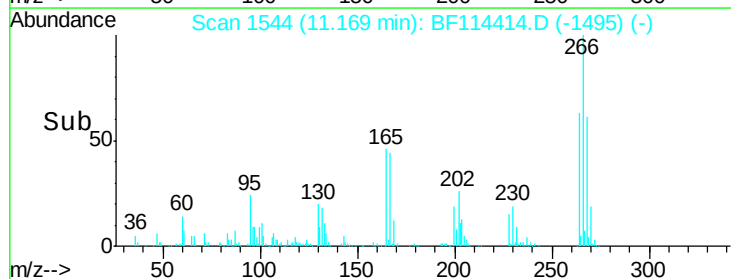
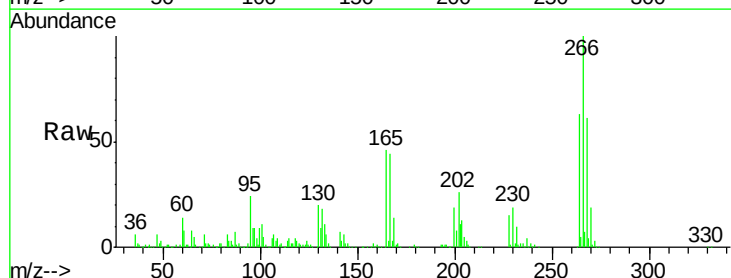
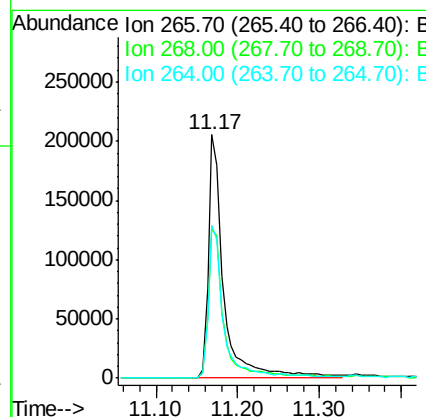
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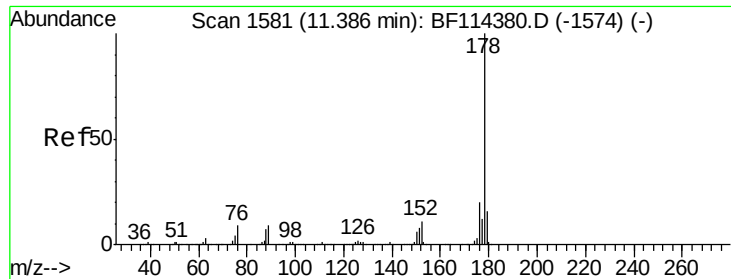
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#70
Pentachlorophenol
Concen: 74.607 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	61.3	51.1	76.7
264	62.6	51.1	76.7





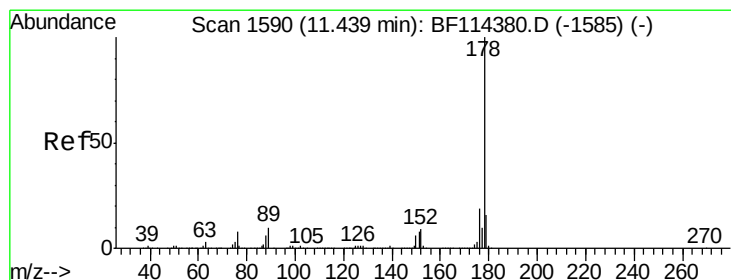
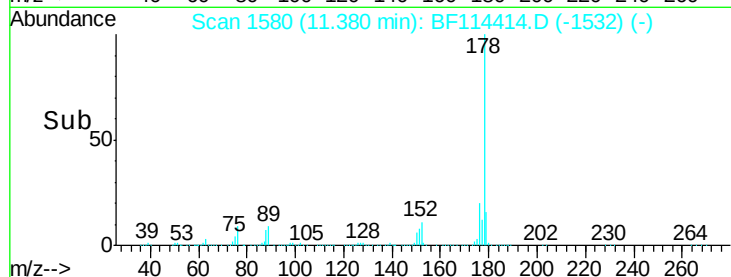
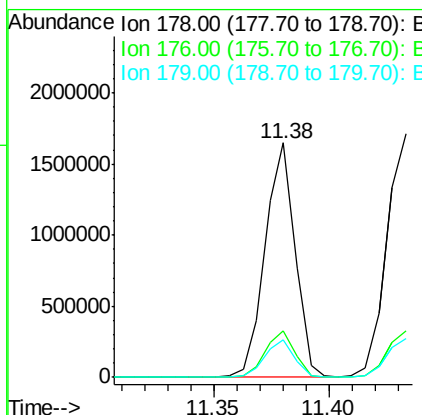
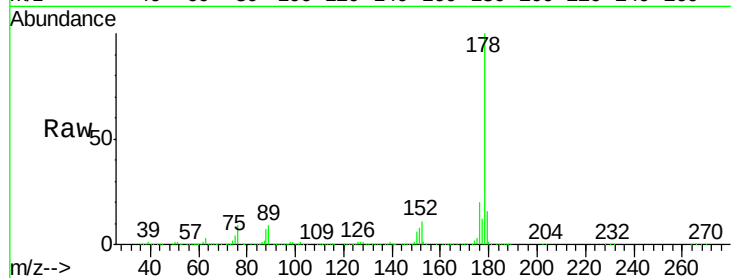
#71
Phenanthrene
Concen: 48.849 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion:178 Resp: 1490567
Ion Ratio Lower Upper
178 100
176 19.8 16.4 24.6
179 15.8 13.2 19.8

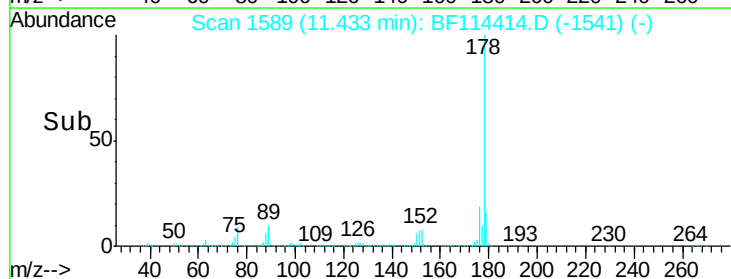
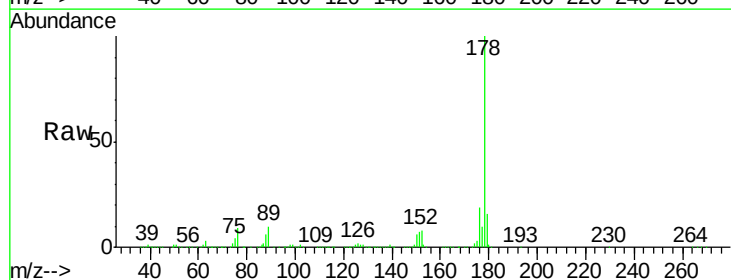
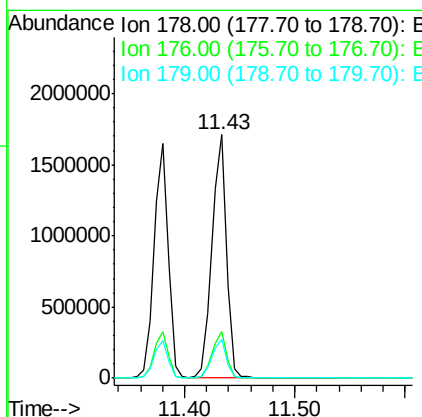
Manual Integrations
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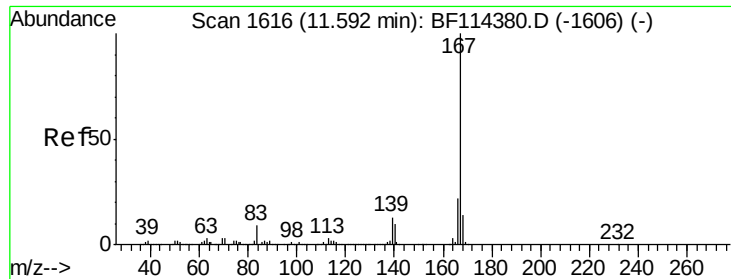
Sohil
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#72
Anthracene
Concen: 49.815 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.02 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:178 Resp: 1526775
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 15.8 13.0 19.4





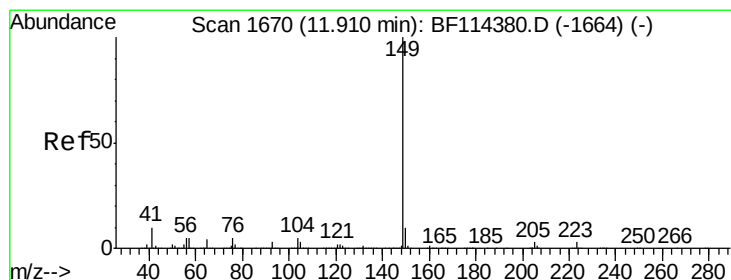
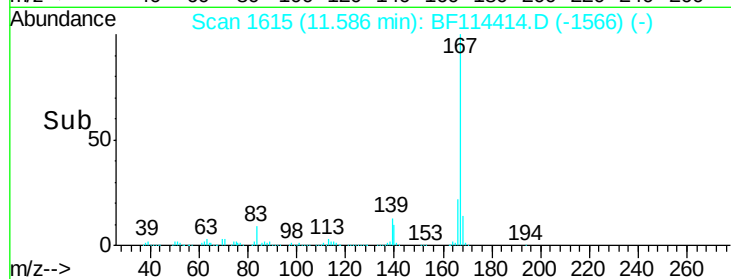
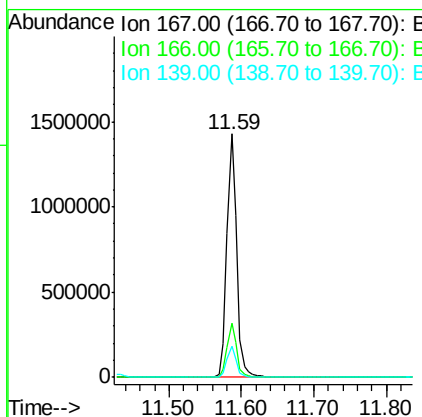
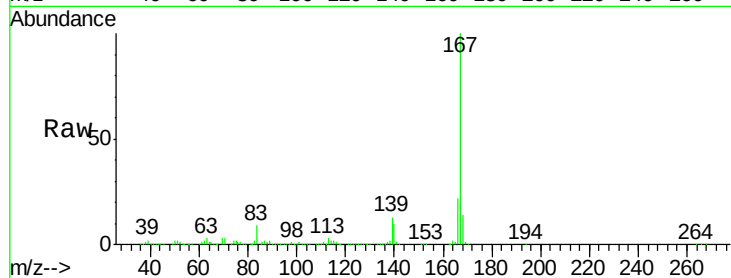
#73
 Carbazole
 Concen: 46.029 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	12.8	10.6	16.0

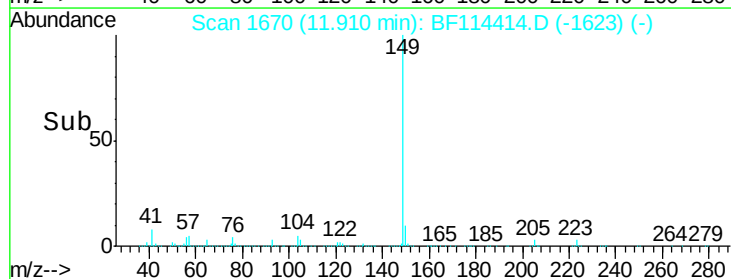
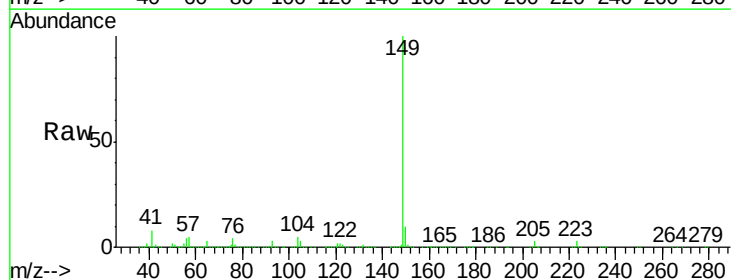
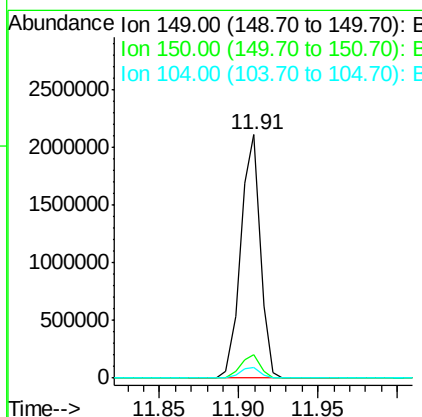
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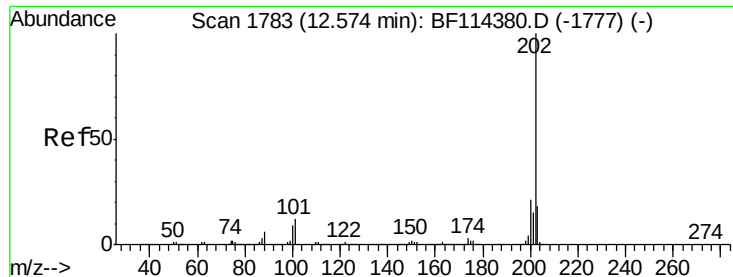
Sohil
 5/21/2019 7:17:16 PM



#74
 Di-n-butylphthalate
 Concen: 53.445 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 44.055 ng

RT: 12.57 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-AMS

Tgt Ion:202 Resp: 1447622

Ion Ratio Lower Upper

202 100

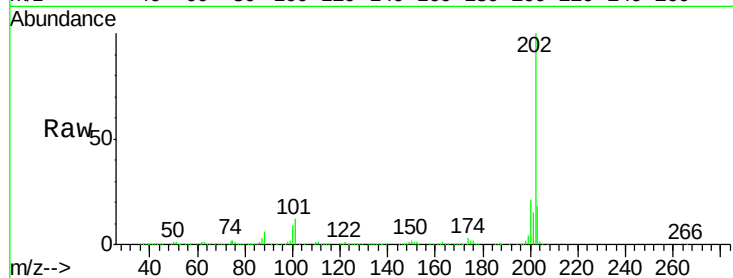
101 11.8 0.0 31.0

203 18.4 0.0 38.4

Manual Integrations
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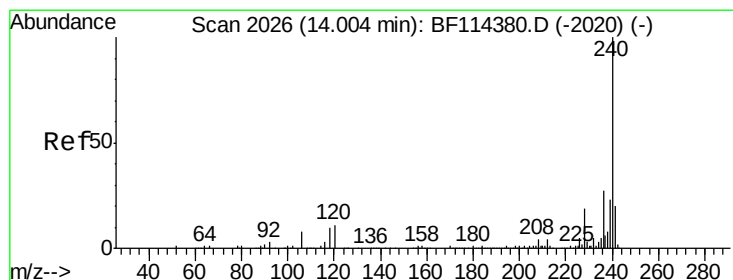
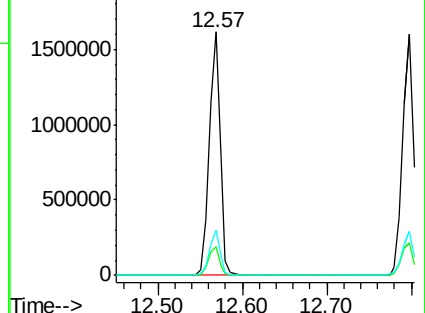
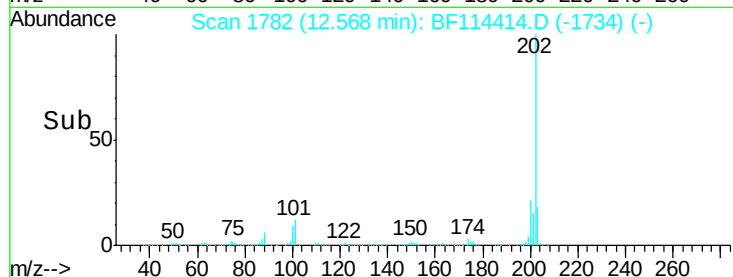
5/21/2019 7:17:16 PM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

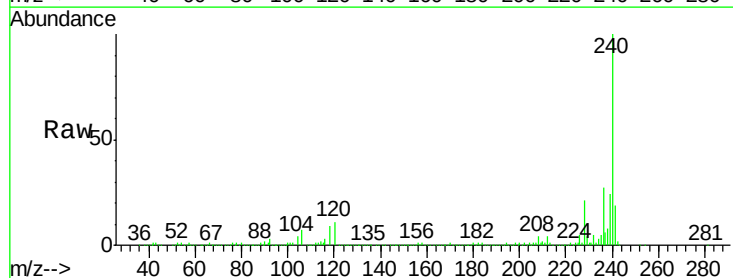
Tgt Ion:240 Resp: 385250

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

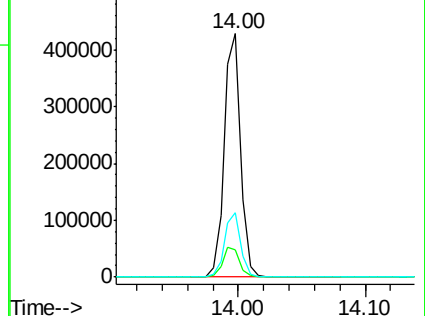
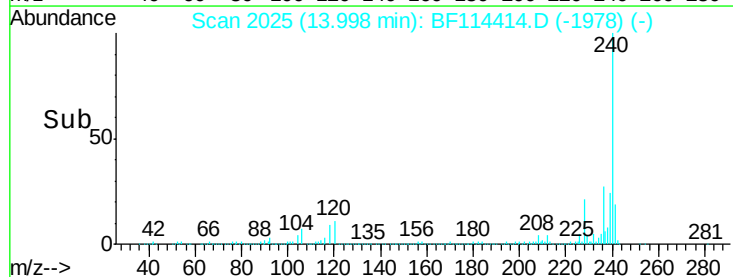
236 26.7 20.8 31.2

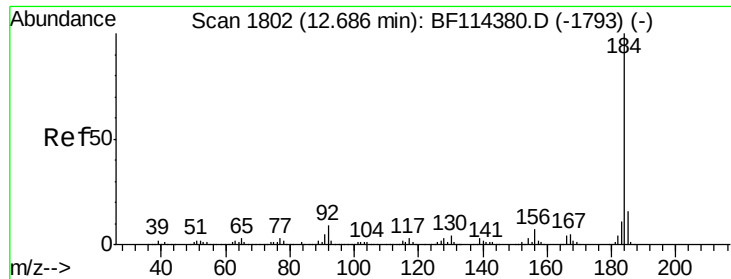


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.437 ng

RT: 12.69 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

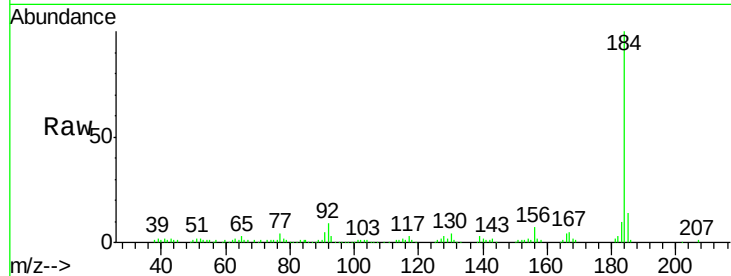
ClientSampleId :

OR-02-051619-AMS

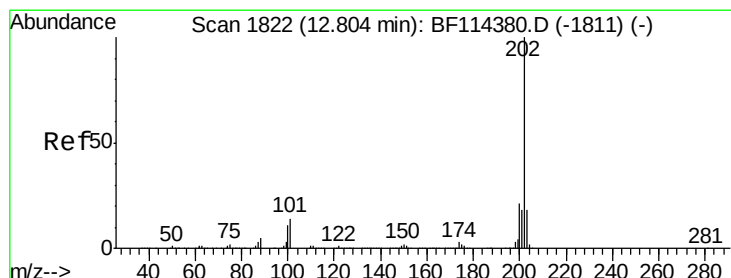
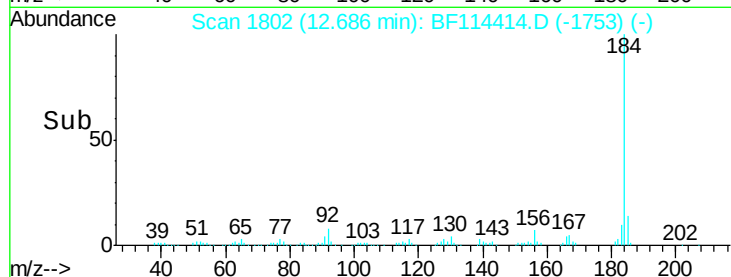
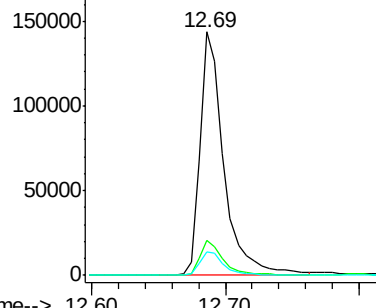
Tgt Ion:	184	Resp:	180484
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.6	20.4
183	9.5	9.2	13.8

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.892 ng

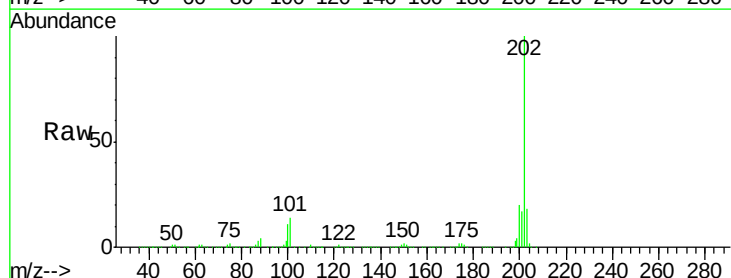
RT: 12.80 min Scan# 1821

Delta R.T. -0.02 min

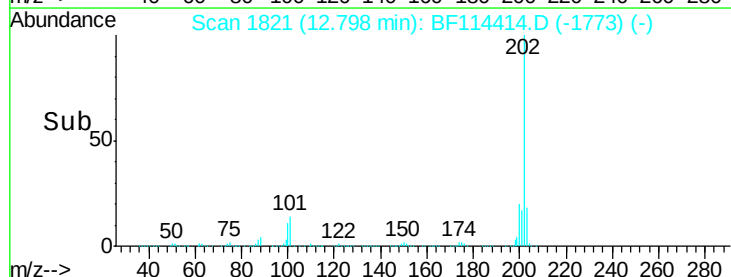
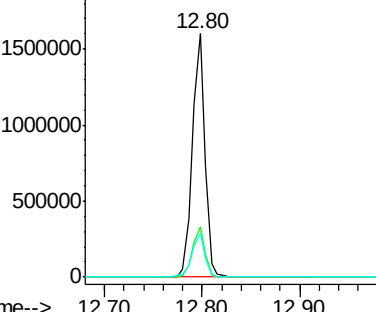
Lab File: BF114414.D

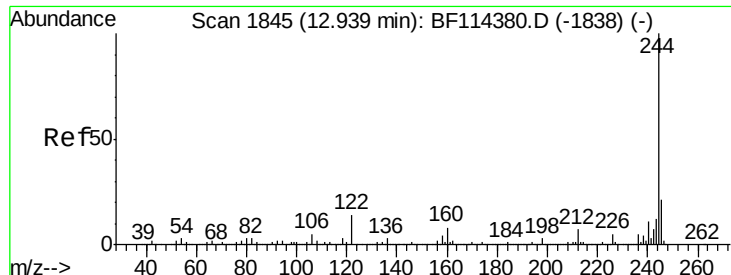
Acq: 19 May 2019 2:45

Tgt Ion:	202	Resp:	1422262
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.9	25.3
203	18.1	14.5	21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





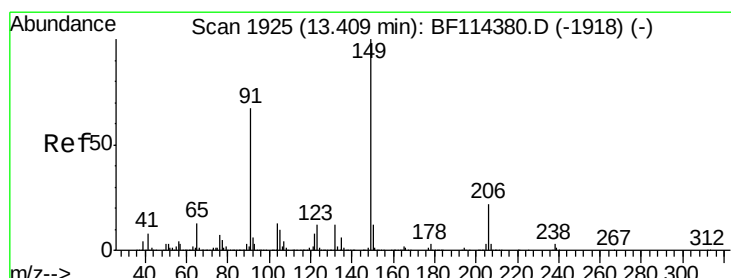
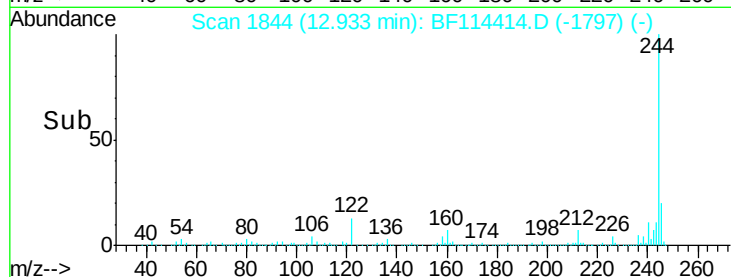
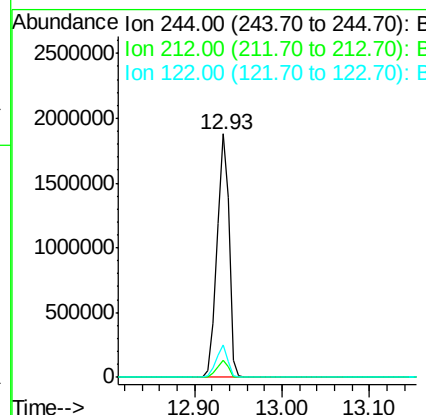
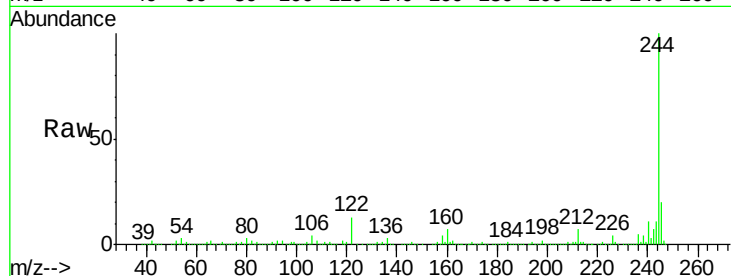
#79
 Terphenyl-d14
 Concen: 96.362 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.6
122	13.2	9.4	14.2

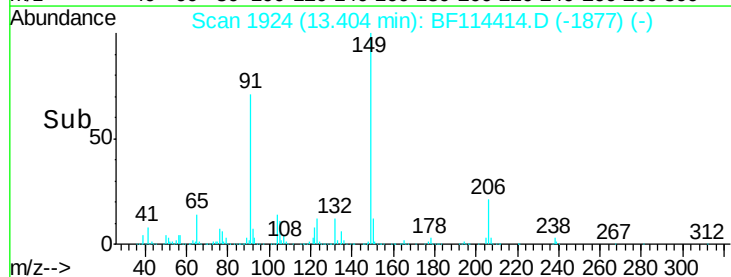
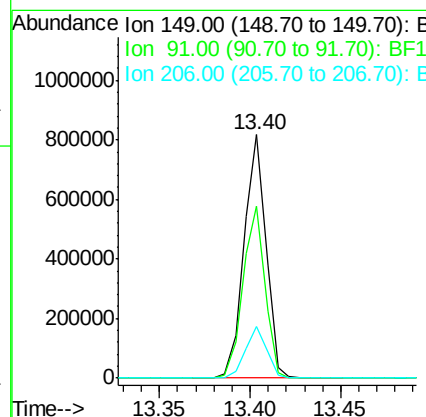
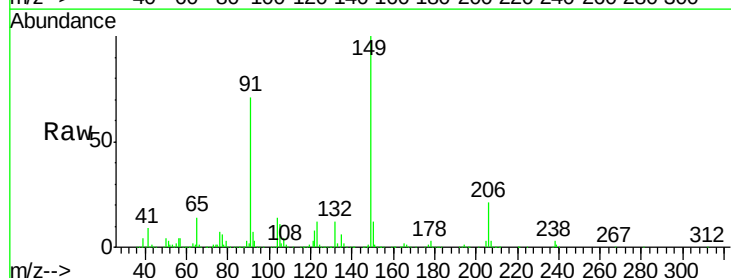
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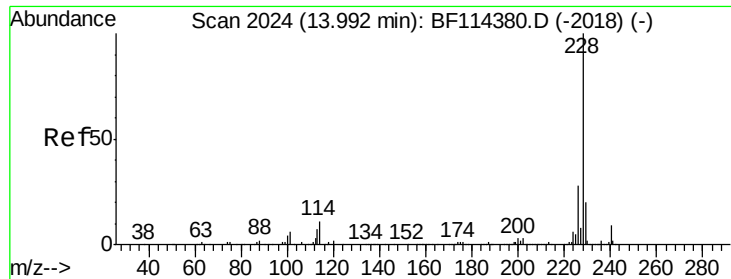
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#80
 Butylbenzylphthalate
 Concen: 52.669 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.02 min
 Lab File: BF114414.D
 Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.6	55.0	82.4
206	21.1	16.9	25.3





#81

Benzo(a)anthracene

Concen: 48.033 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

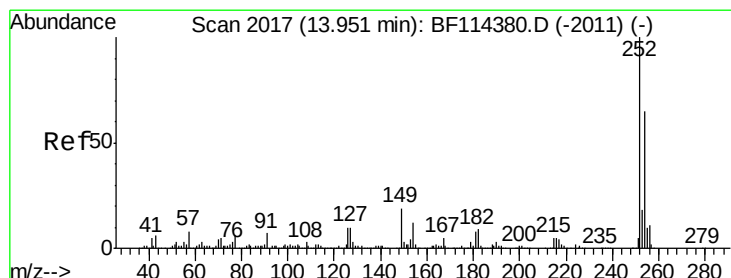
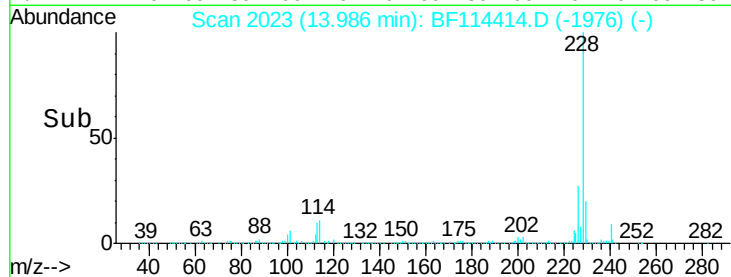
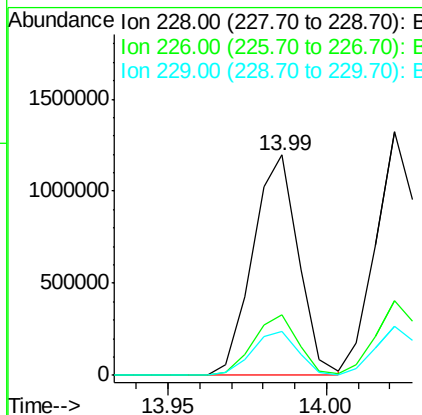
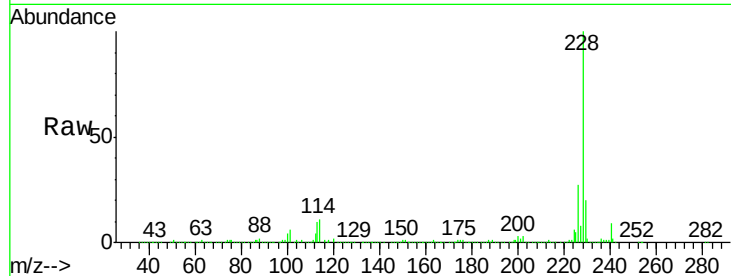
ClientSampleId :

OR-02-051619-AMS

Tgt Ion:	228	Resp:	1196880
Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.2
229	20.0	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 37.799 ng

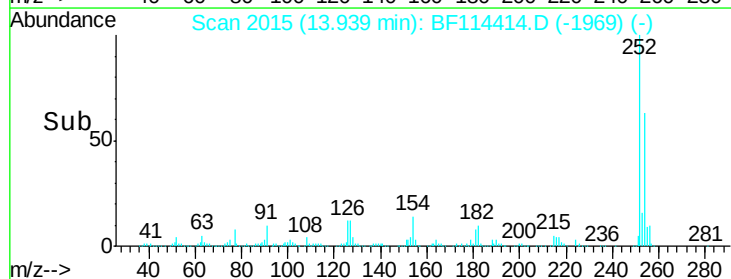
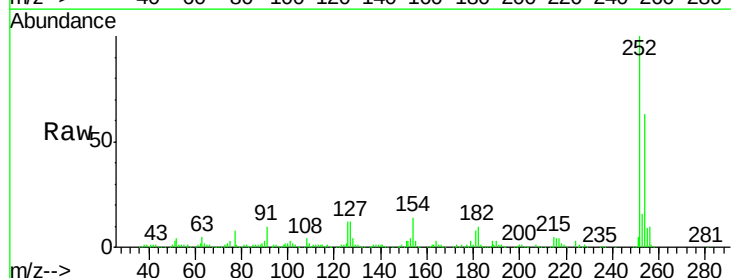
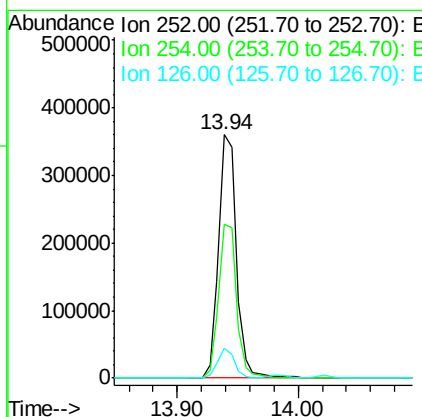
RT: 13.94 min Scan# 2015

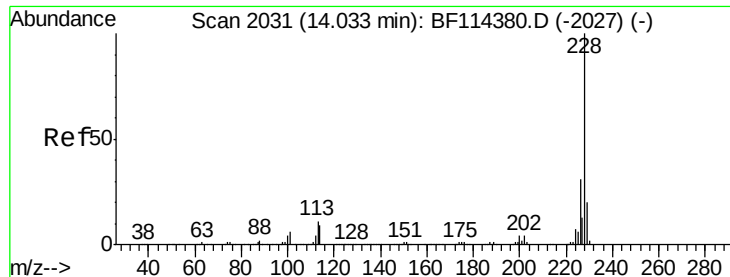
Delta R.T. -0.03 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion:	252	Resp:	365372
Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.9	77.9
126	12.4	7.9	11.9#





#83

Chrysene

Concen: 48.476 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.02 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

ClientSampleId :

OR-02-051619-AMS

Tgt Ion:228 Resp: 1184108

Ion Ratio Lower Upper

228 100

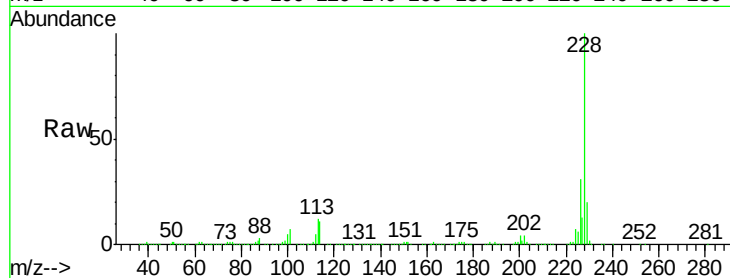
226 30.8 25.0 37.6

229 20.1 17.0 25.6

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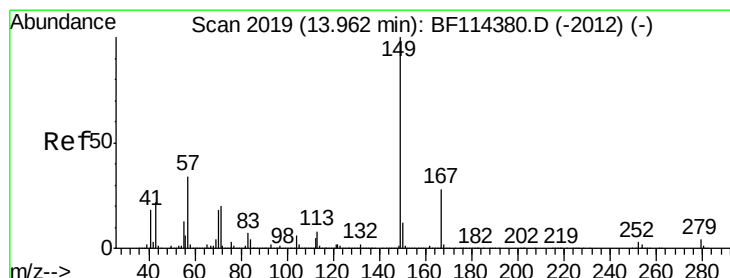
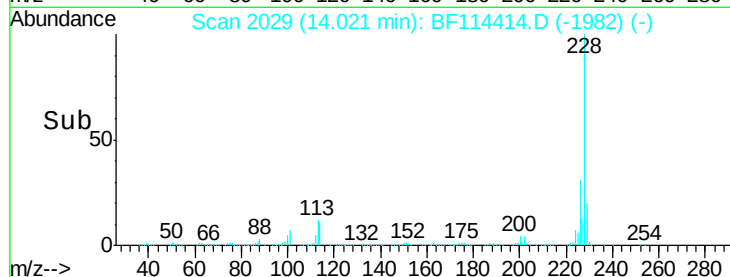
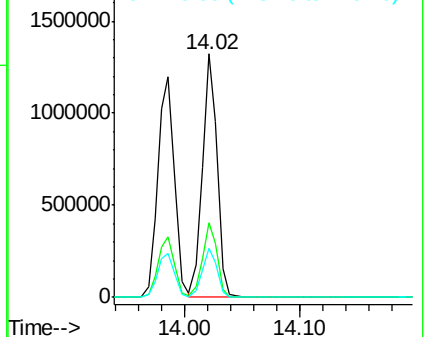
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.142 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.03 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

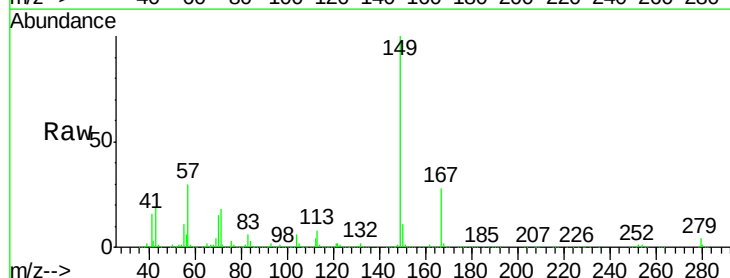
Tgt Ion:149 Resp: 974872

Ion Ratio Lower Upper

149 100

167 28.3 22.6 33.8

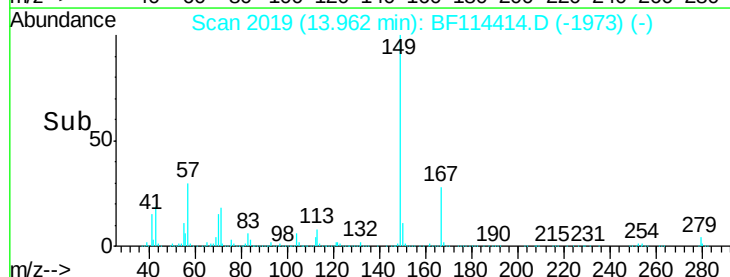
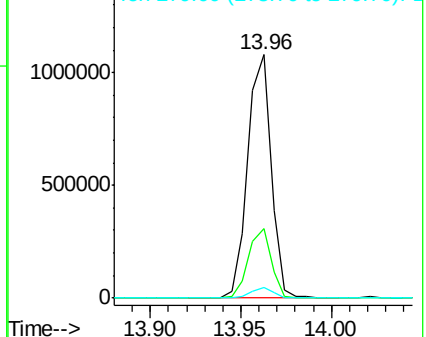
279 4.3 3.0 4.6

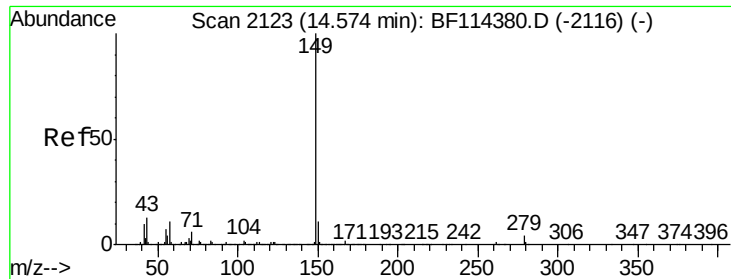


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





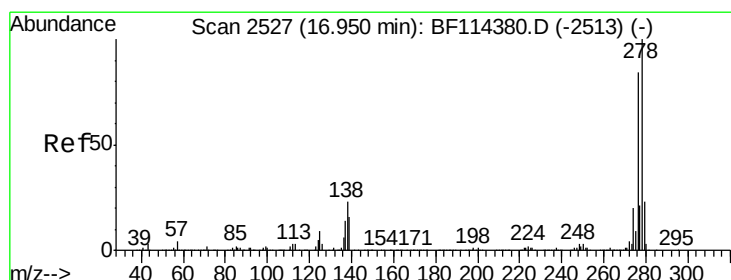
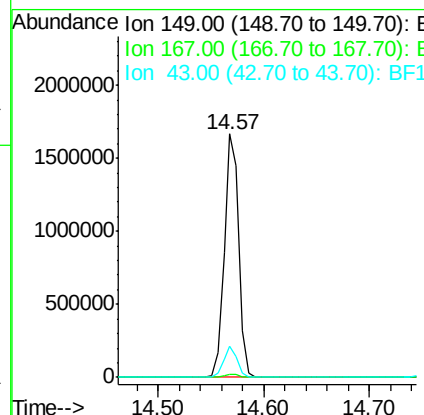
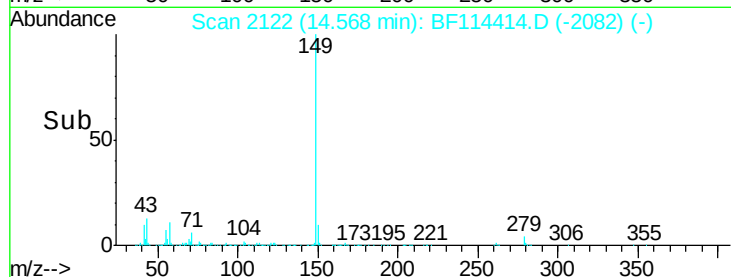
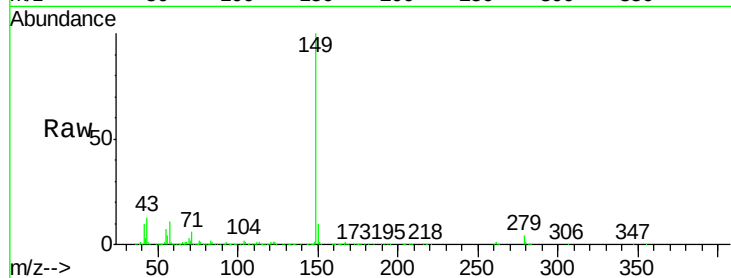
#85
Di-n-octyl phthalate
Concen: 57.630 ng
RT: 14.57 min Scan# 2122
Delta R.T. -0.06 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion:149 Resp: 1593824
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 12.1 10.1 15.1

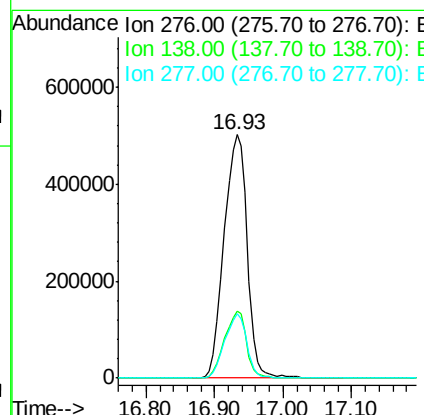
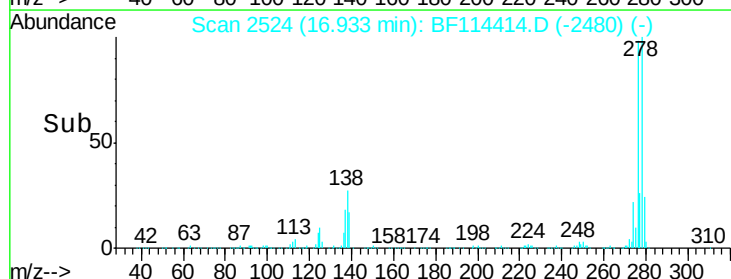
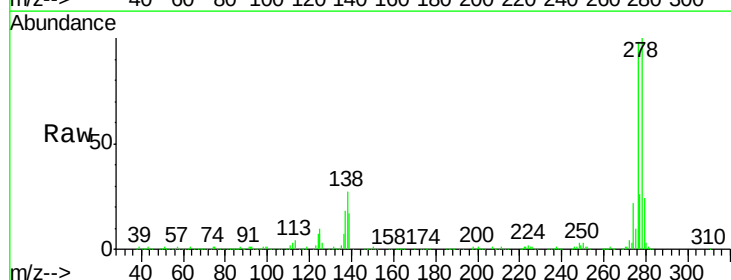
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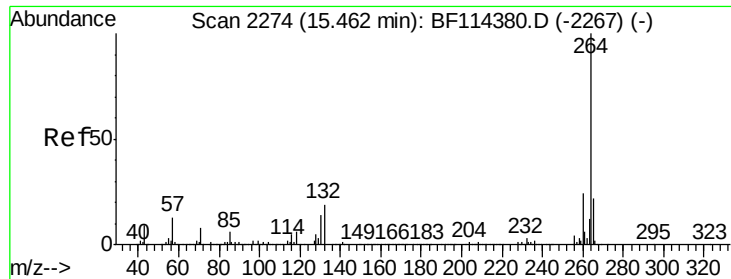
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#86
Indeno(1,2,3-cd)pyrene
Concen: 54.441 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.04 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:276 Resp: 1175248
Ion Ratio Lower Upper
276 100
138 26.1 20.2 30.2
277 25.2 20.0 30.0





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.05 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Instrument :

BNA_F

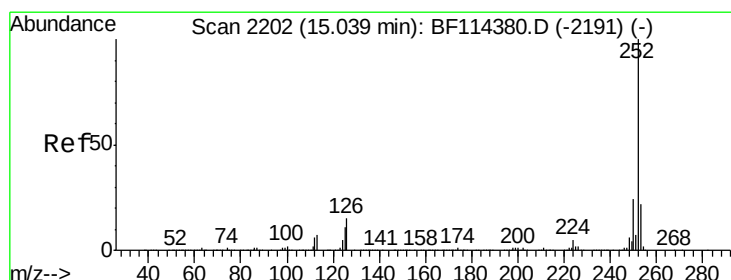
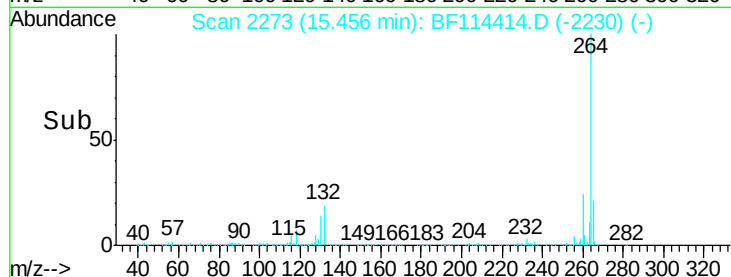
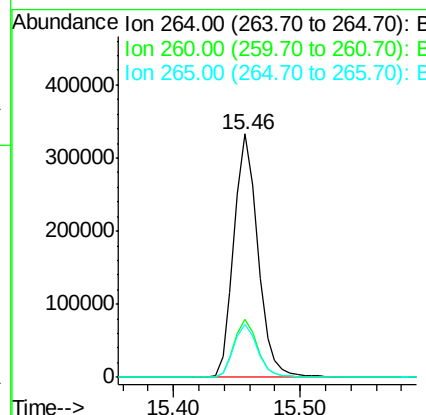
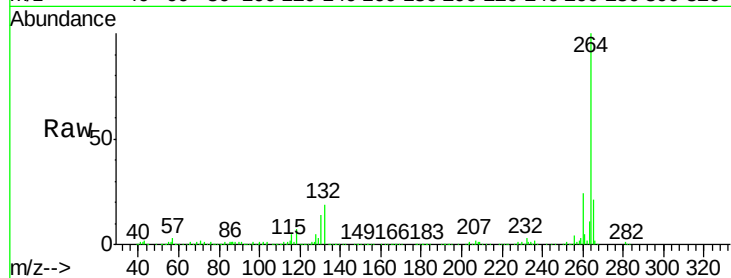
ClientSampleId :

OR-02-051619-AMS

Tgt Ion:	264	Resp:	436687
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.5	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 45.042 ng

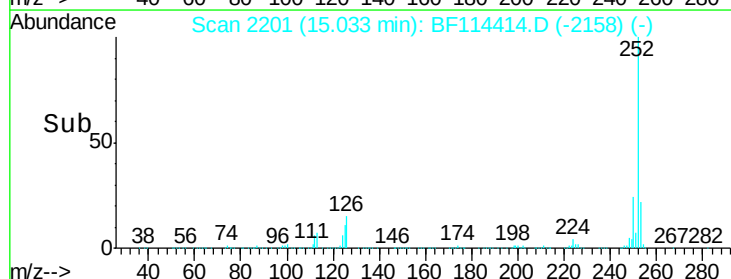
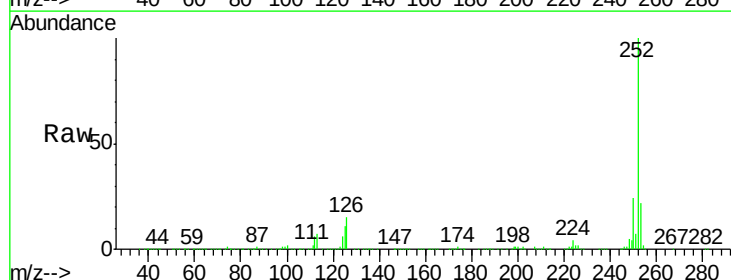
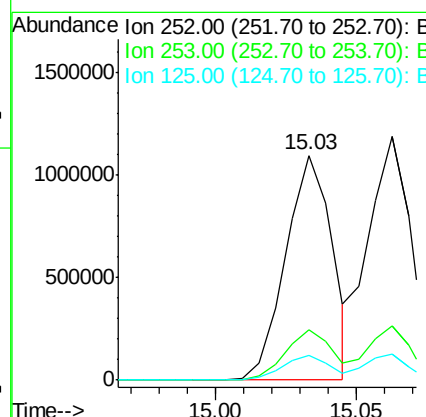
RT: 15.03 min Scan# 2201

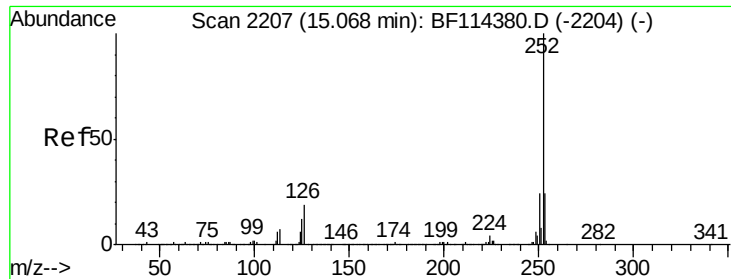
Delta R.T. -0.05 min

Lab File: BF114414.D

Acq: 19 May 2019 2:45

Tgt Ion:	252	Resp:	1260112
Ion Ratio		Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.9	8.3	12.5





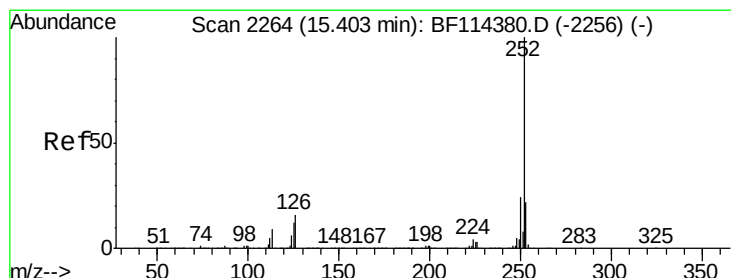
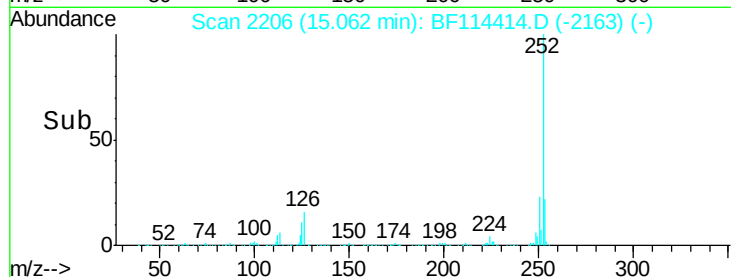
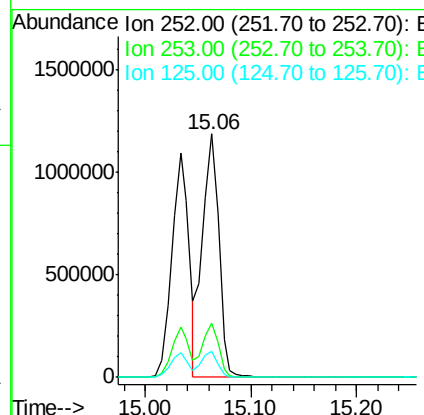
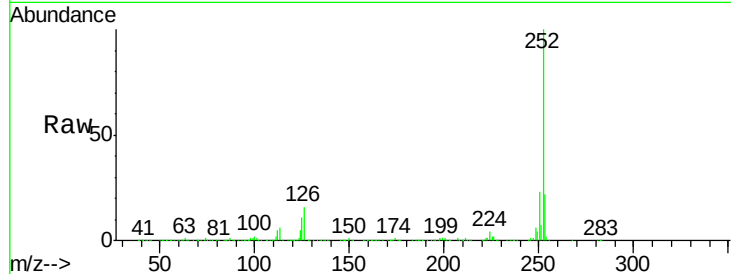
#89
Benzo(k)fluoranthene
Concen: 49.108 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion:252 Resp: 1262050
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.2
125 10.6 8.6 13.0

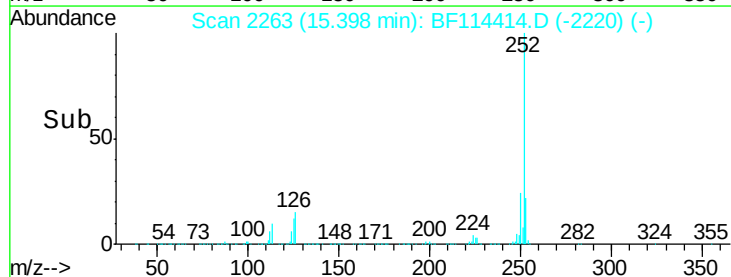
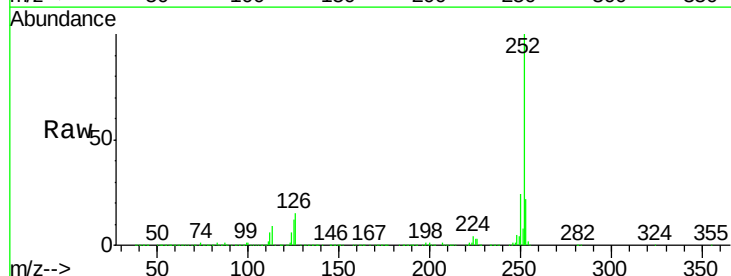
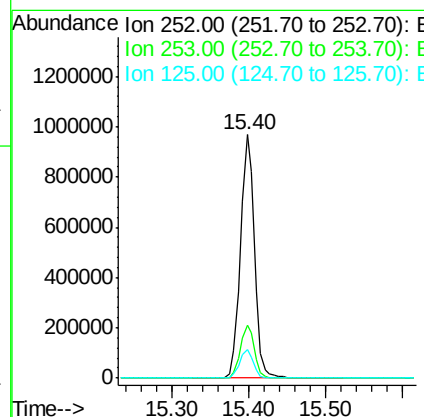
Manual Integrations
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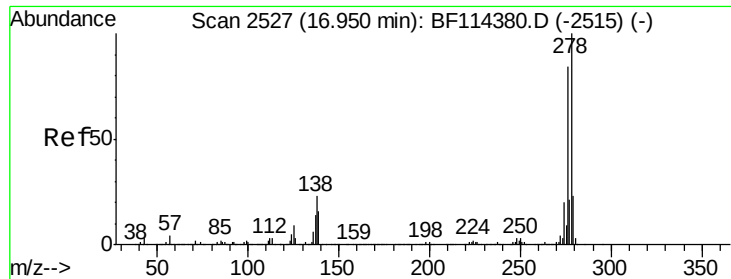
Sohil
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#90
Benzo(a)pyrene
Concen: 50.265 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.05 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion:252 Resp: 1237606
Ion Ratio Lower Upper
252 100
253 21.7 18.1 27.1
125 11.8 9.5 14.3





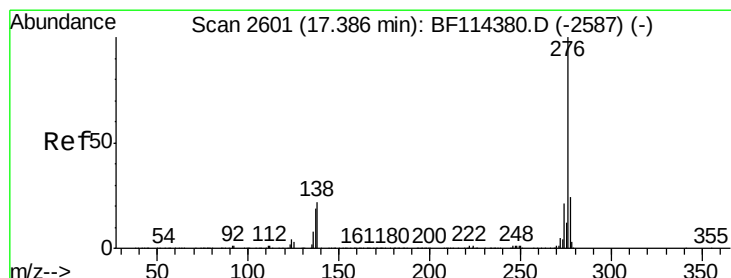
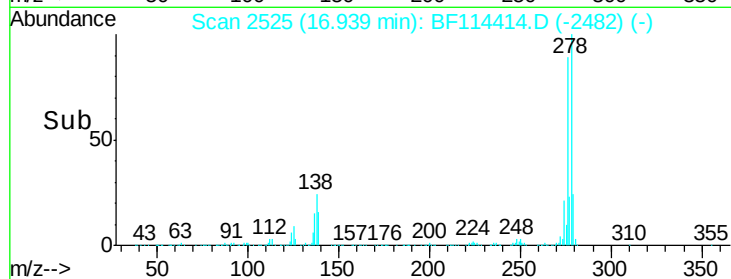
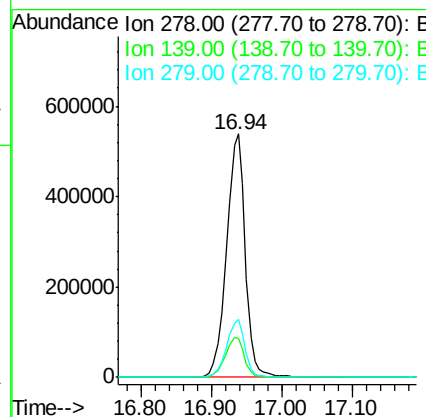
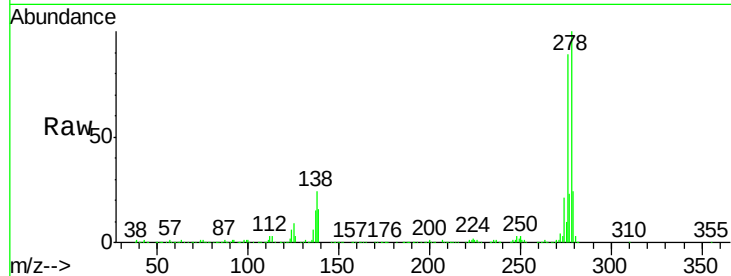
#91
Dibenzo(a,h)anthracene
Concen: 48.396 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.05 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Instrument :
BNA_F
ClientSampleId :
OR-02-051619-AMS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.5	20.3
279	24.1	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 46.307 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.04 min
Lab File: BF114414.D
Acq: 19 May 2019 2:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.0	28.4
138	22.0	17.8	26.6

