

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115906.D
 Acq On : 1 Aug 2019 14:32
 Operator : HP/JU
 Sample : K4066-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:48:03 PM

Quant Time: Aug 02 05:31:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	139900	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	531836	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	269578	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	431466	20.00	ng	0.00
76) Chrysene-d12	14.03	240	280939	20.00	ng	0.00
87) Perylene-d12	15.50	264	339028	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1093556	130.86	ng	0.02
7) Phenol-d6	6.50	99	1470605	139.48	ng	0.01
23) Nitrobenzene-d5	7.42	82	938243	101.83	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	346382	132.53	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1443328	100.28	ng	0.00
79) Terphenyl-d14	12.97	244	1241280	93.10	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	139045	32.935	ng	99
3) Pyridine	3.43	79	373539	31.674	ng	100
4) n-Nitrosodimethylamine	3.37	42	172472	37.058	ng	94
6) Aniline	6.52	93	215163	14.249	ng	# 78
8) 2-Chlorophenol	6.65	128	362855	39.265	ng	98
9) Benzaldehyde	6.40	77	213962	29.410	ng	99
10) Phenol	6.51	94	463472	37.328	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	350597	38.406	ng	99
12) 1,3-Dichlorobenzene	6.80	146	391344	36.643	ng	100
13) 1,4-Dichlorobenzene	6.87	146	398072	37.226	ng	100
14) 1,2-Dichlorobenzene	7.03	146	365574	37.128	ng	100
15) Benzyl Alcohol	7.00	79	321687	40.203	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	459337	36.890	ng	96
17) 2-Methylphenol	7.11	107	305543	39.048	ng	100
18) Hexachloroethane	7.37	117	139313	35.385	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	250066	38.273	ng	100
20) 3+4-Methylphenols	7.26	107	376275	40.636	ng	# 78
22) Acetophenone	7.26	105	491947	42.177	ng	99
24) Nitrobenzene	7.43	77	401440	40.352	ng	100
25) Isophorone	7.67	82	708282	40.203	ng	99
26) 2-Nitrophenol	7.75	139	194894	41.559	ng	99
27) 2,4-Dimethylphenol	7.79	122	324921	46.053	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	435316	39.865	ng	99
29) 2,4-Dichlorophenol	8.00	162	309565	41.555	ng	96
30) 1,2,4-Trichlorobenzene	8.08	180	334317	39.370	ng	100
31) Naphthalene	8.16	128	1038425	41.492	ng	100
32) Benzoic acid	7.92	122	118338	23.790	ng	98
33) 4-Chloroaniline	8.20	127	85703	7.664	ng	99
34) Hexachlorobutadiene	8.27	225	187412	38.316	ng	97
35) Caprolactam	8.58	113	97668m	40.537	ng	
36) 4-Chloro-3-methylphenol	8.70	107	325183	41.960	ng	95
37) 2-Methylnaphthalene	8.85	142	689477	41.831	ng	99
38) 1-Methylnaphthalene	8.95	142	645205	41.378	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	307106	42.613	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	93292	32.622	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	203115	40.946	ng	98
44) 2,4,5-Trichlorophenol	9.18	196	218020	42.517	ng	100
46) 1,1'-Biphenyl	9.32	154	821704	43.175	ng	100
47) 2-Chloronaphthalene	9.35	162	646124	40.790	ng	99
48) 2-Nitroaniline	9.44	65	206842	39.505	ng	95
49) Acenaphthylene	9.76	152	1015703	43.952	ng	100
50) Dimethylphthalate	9.62	163	954714	52.013	ng	99
51) 2,6-Dinitrotoluene	9.68	165	165794	41.564	ng	93
52) Acenaphthene	9.93	154	599654	42.296	ng	98
53) 3-Nitroaniline	9.85	138	83368	16.914	ng	88
54) 2,4-Dinitrophenol	9.96	184	60318	34.640	ng	96
55) Dibenzofuran	10.10	168	888747	43.106	ng	98
56) 4-Nitrophenol	10.02	139	260812	82.604	ng	96
57) 2,4-Dinitrotoluene	10.09	165	217259	40.908	ng	91
58) Fluorene	10.45	166	672648	42.404	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	166822	38.669	ng	100
60) Diethylphthalate	10.32	149	710755	41.475	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	334746	41.668	ng	98
62) 4-Nitroaniline	10.46	138	153539	30.143	ng	99
63) Azobenzene	10.60	77	734376	41.663	ng	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	54411	23.797	ng	97
66) n-Nitrosodiphenylamine	10.56	169	596796	45.954	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	199692	43.234	ng	92
68) Hexachlorobenzene	11.00	284	213845	40.039	ng	94
69) Atrazine	11.08	200	181873	42.570	ng	99
70) Pentachlorophenol	11.20	266	195957	75.571	ng	99
71) Phenanthrene	11.41	178	1296229	58.766	ng	99
72) Anthracene	11.46	178	1024949	45.914	ng	99
73) Carbazole	11.62	167	850764	42.008	ng	98
74) Di-n-butylphthalate	11.94	149	1028107	43.517	ng	100
75) Fluoranthene	12.60	202	1473234	63.799	ng	100
77) Benzidine	12.72	184	403520	42.515	ng	96
78) Pyrene	12.83	202	1437899	67.897	ng	99
80) Butylbenzylphthalate	13.44	149	359551	40.136	ng	98
81) Benzo(a)anthracene	14.02	228	1096891	61.086	ng	98
82) 3,3'-Dichlorobenzidine	13.97	252	205485	32.938	ng	99
83) Chrysene	14.06	228	1029074	59.030	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	488530	41.966	ng	99
85) Di-n-octyl phthalate	14.61	149	828396	44.802	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	893302	61.010	ng	100
88) Benzo(b)fluoranthene	15.07	252	1204079m	61.423	ng	
89) Benzo(k)fluoranthene	15.10	252	931181	48.769	ng	98
90) Benzo(a)pyrene	15.44	252	1074847	61.337	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	642900	42.384	ng	99
92) Benzo(g,h,i)perylene	17.44	276	724994	48.667	ng	99

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

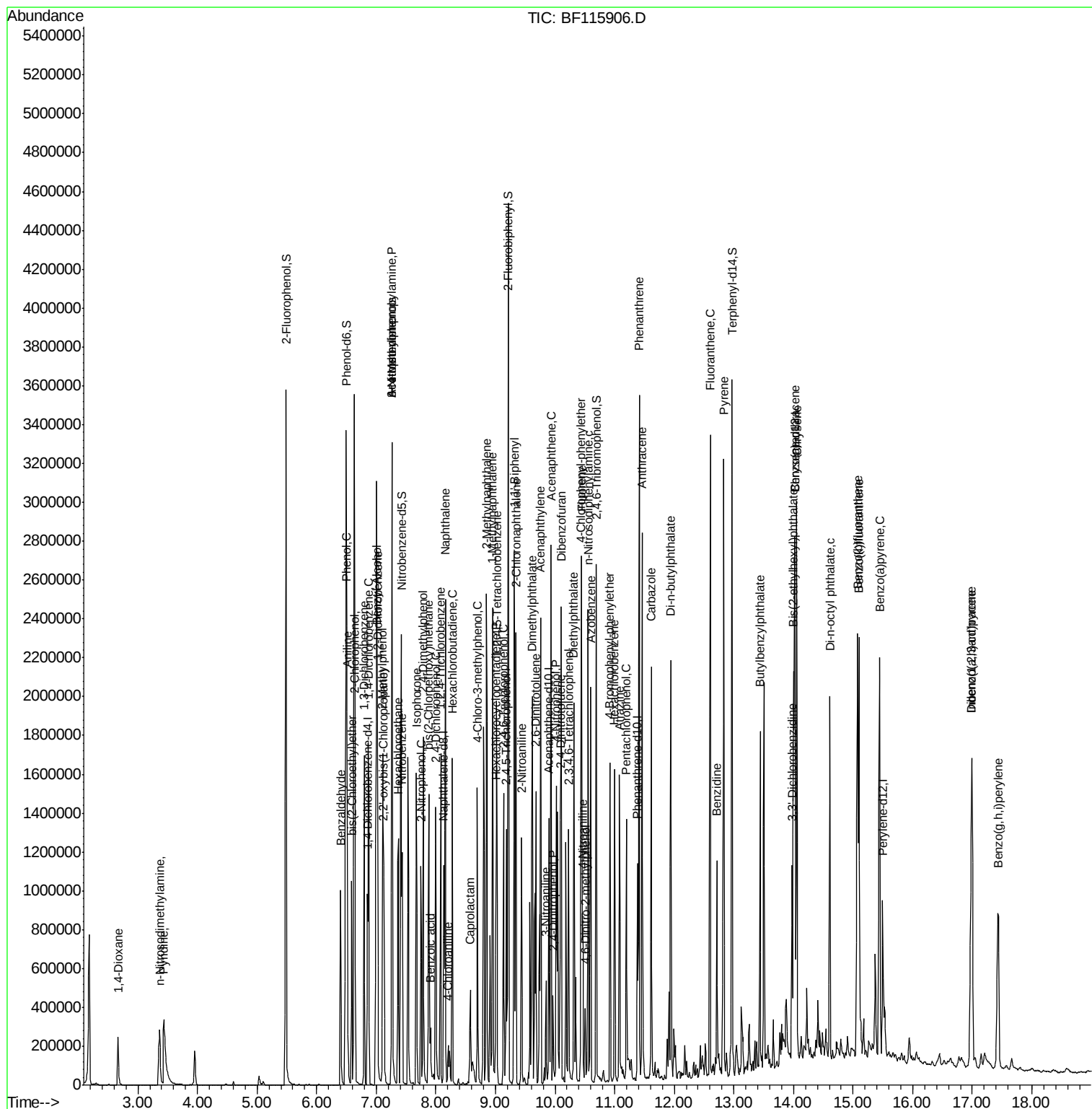
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#1

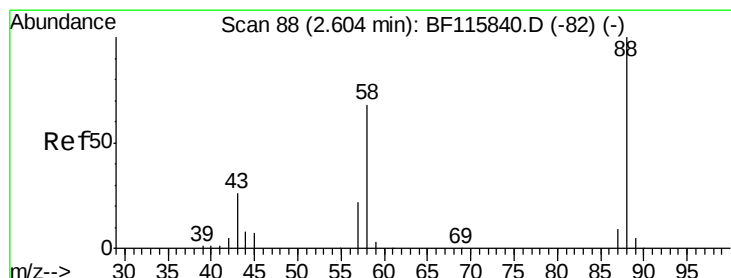
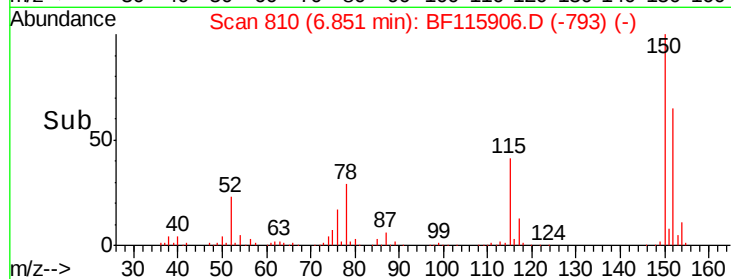
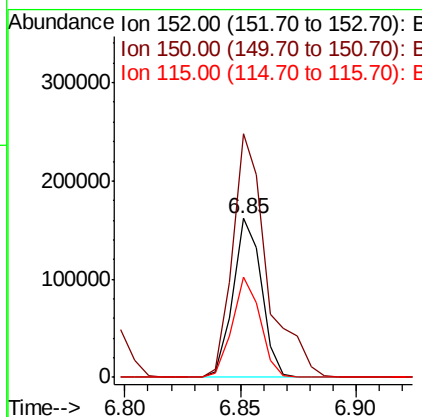
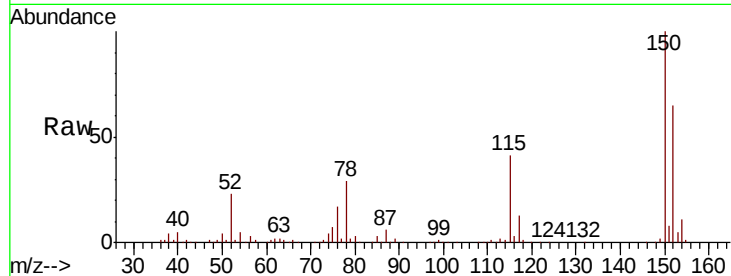
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	127.4	191.0
115	62.9	51.8	77.8

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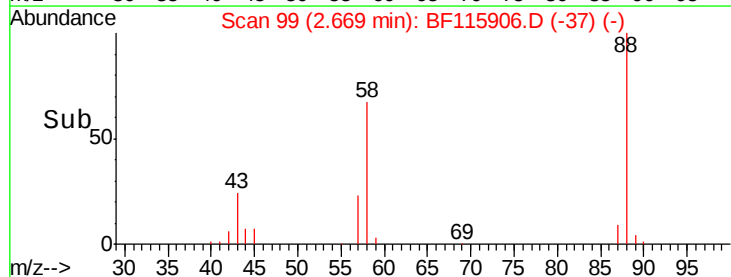
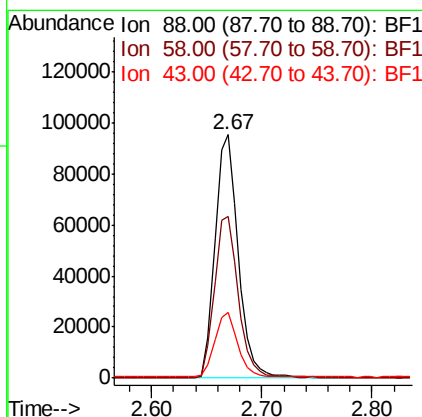
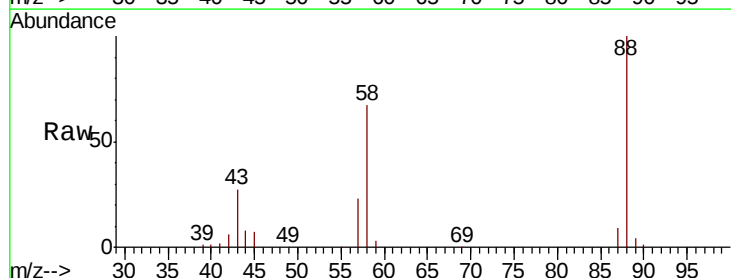
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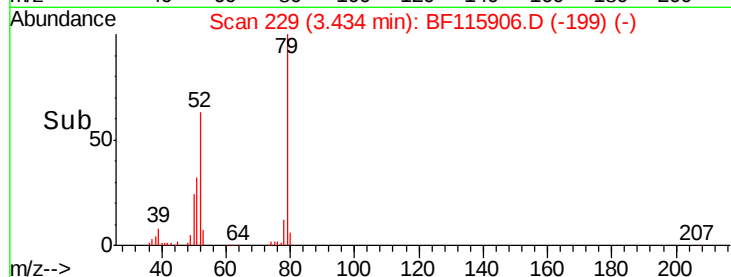
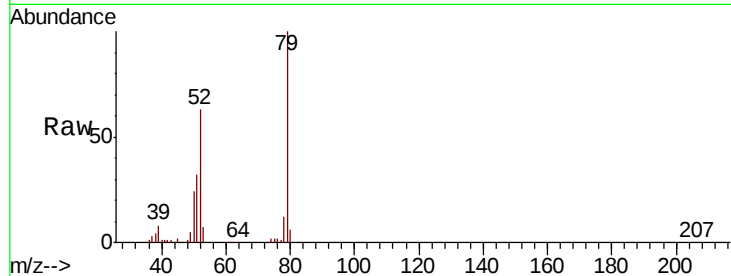
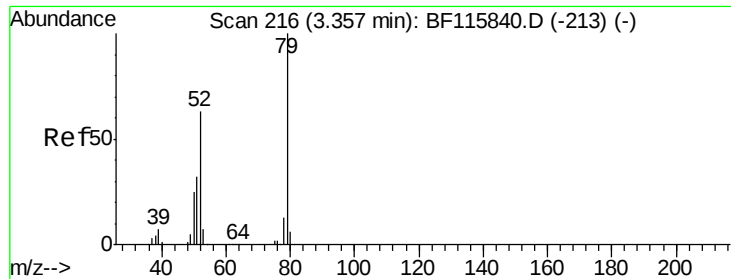


#2

1,4-Dioxane
Concen: 32.935 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.06 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	54.1	81.1
43	26.5	20.7	31.1





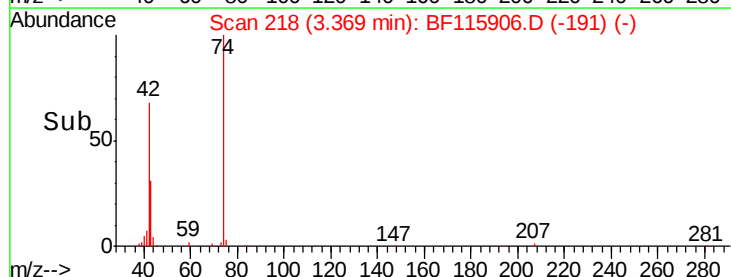
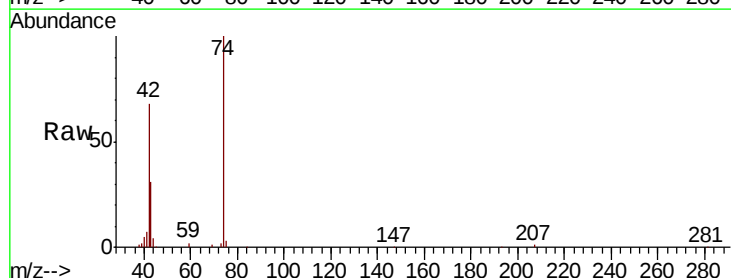
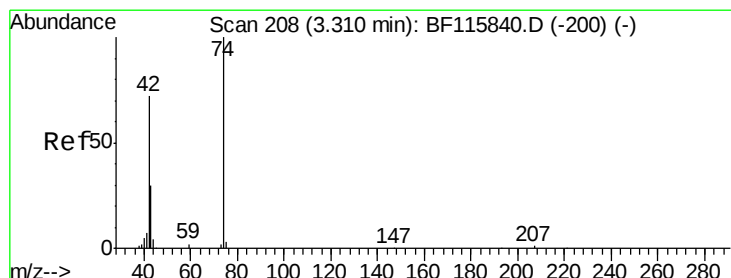
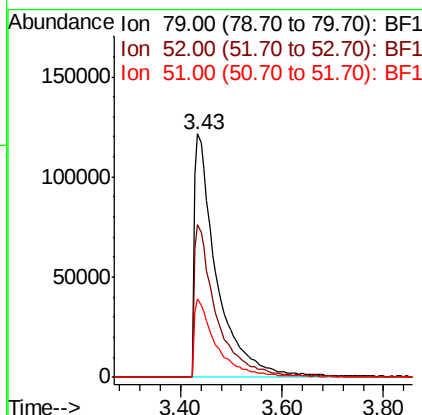
#3
Pvridine
Concen: 31.674 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.08 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tot Ion	Ratio	Resp	Lower	Upper
79	100	373539		
52	62.5		50.2	75.4
51	32.4		25.8	38.6

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

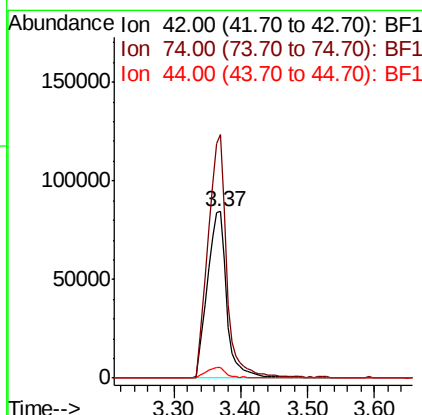
Manual Integrations
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#4
n-Nitrosodimethylamine
Concen: 37.058 ng
RT: 3.37 min Scan# 218
Delta R.T. 0.06 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	172472		
74	146.3		111.0	166.4
44	6.3		4.7	7.1





#5

2-Fluorophenol

Concen: 130.856 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

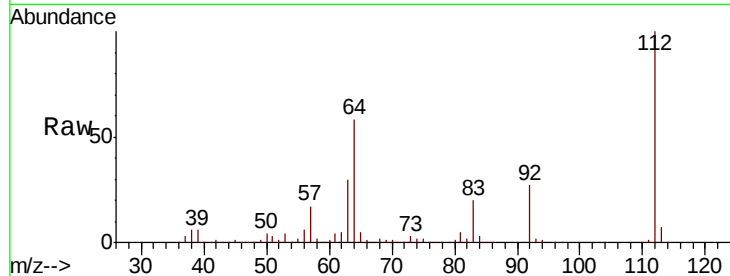
ClientSampled :

TP-1-AMS

Tot Ion:	112	Resp:	1093556
Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.8	70.2
63	30.4	24.2	36.2

Manual Integrations
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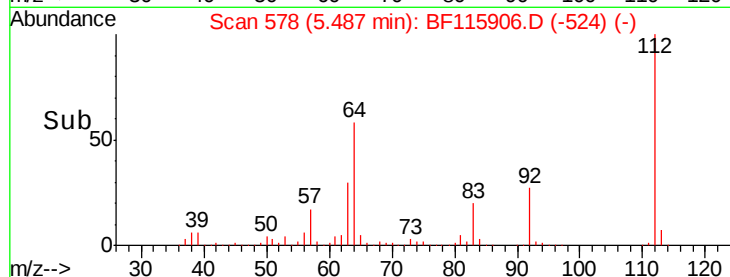


Abundance Ion 112.00 (111.70 to 112.70): BF115840.D (-570) (-)

Ion 64.00 (63.70 to 64.70): BF115840.D (-570) (-)

Ion 63.00 (62.70 to 63.70): BF115840.D (-570) (-)

Time-->

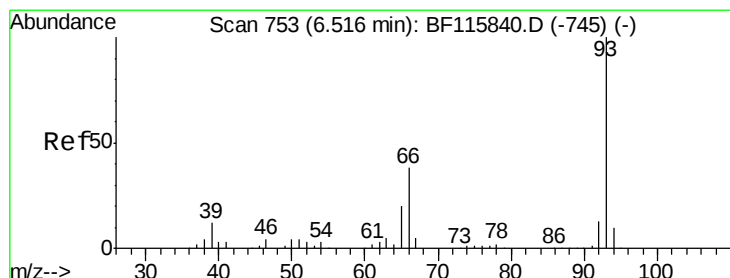


Abundance Ion 112.00 (111.70 to 112.70): BF115906.D (-524) (-)

Ion 64.00 (63.70 to 64.70): BF115906.D (-524) (-)

Ion 63.00 (62.70 to 63.70): BF115906.D (-524) (-)

Time-->



#6

Aniline

Concen: 14.249 ng

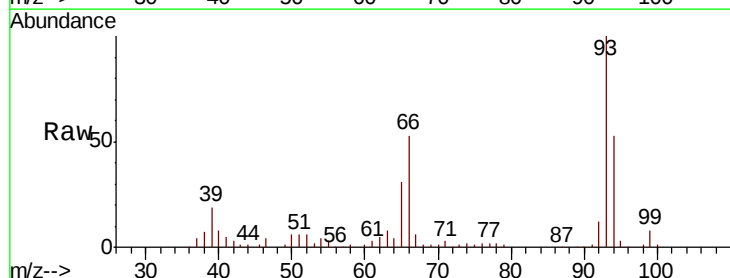
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Tgt Ion:	93	Resp:	215163
Ion	Ratio	Lower	Upper
93	100		
66	52.7	31.4	47.0#
65	30.5	16.5	24.7#

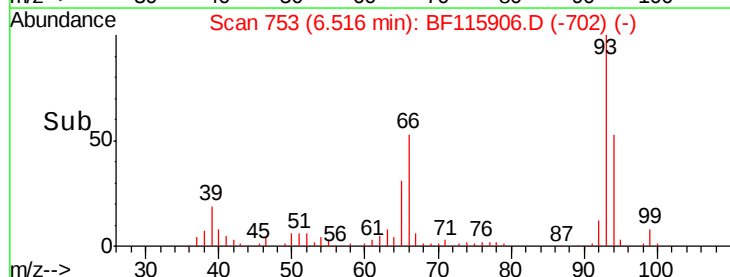


Abundance Ion 93.00 (92.70 to 93.70): BF115840.D (-745) (-)

Ion 66.00 (65.70 to 66.70): BF115840.D (-745) (-)

Ion 65.00 (64.70 to 65.70): BF115840.D (-745) (-)

Time-->



Abundance Ion 93.00 (92.70 to 93.70): BF115906.D (-702) (-)

Ion 66.00 (65.70 to 66.70): BF115906.D (-702) (-)

Ion 65.00 (64.70 to 65.70): BF115906.D (-702) (-)

Time-->



#7

Phenol-d6

Concen: 139.477 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampled :

TP-1-AMS

Tot Ion: 99 Resp: 1470605

Ion Ratio Lower Upper

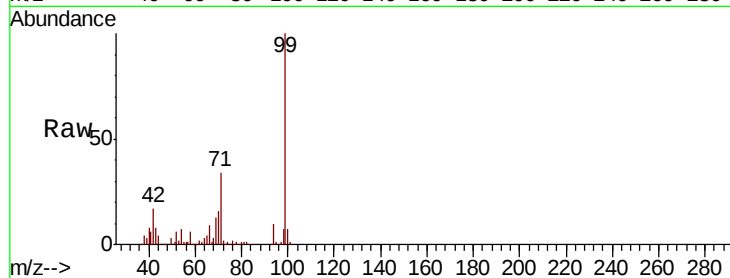
99 100

42 16.8 13.8 20.6

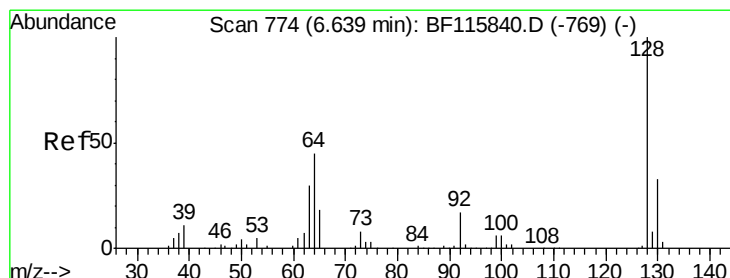
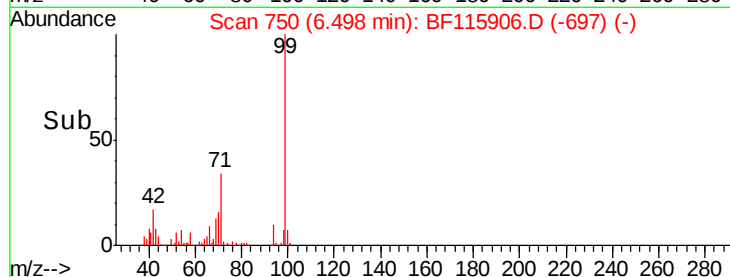
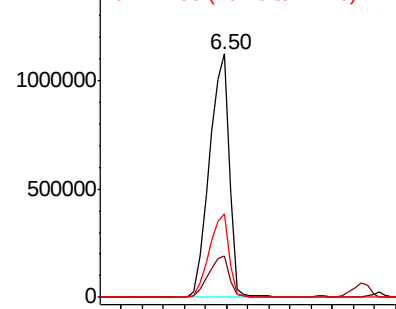
71 34.5 27.1 40.7

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
1500000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.265 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

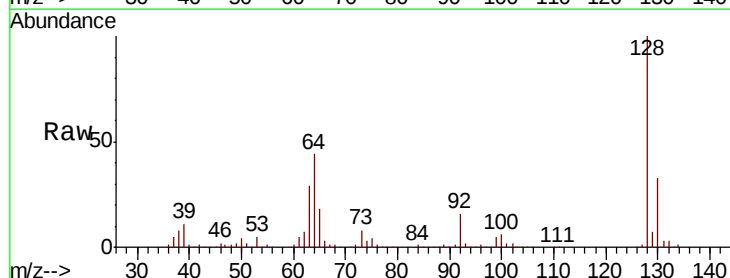
Tgt Ion: 128 Resp: 362855

Ion Ratio Lower Upper

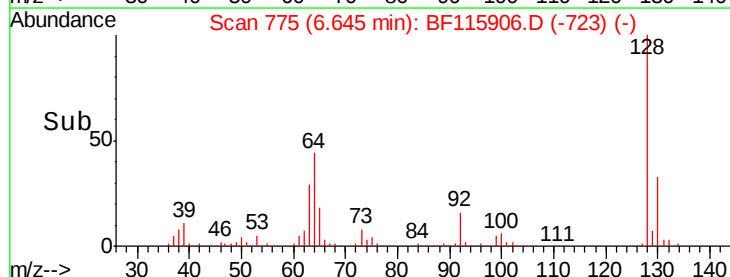
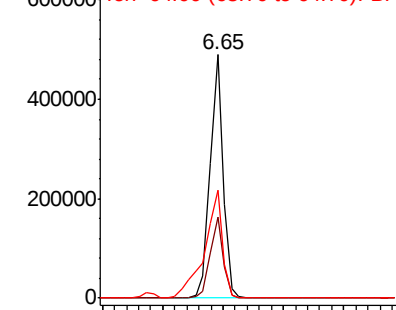
128 100

130 33.3 12.9 52.9

64 44.3 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
600000 Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





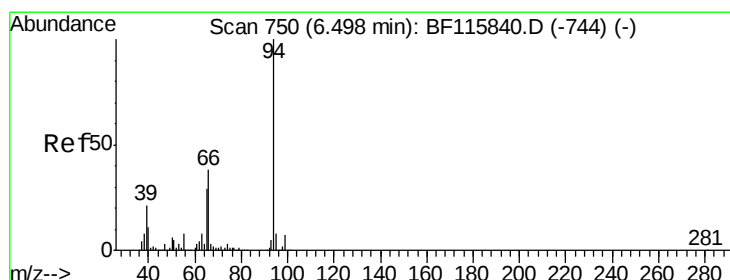
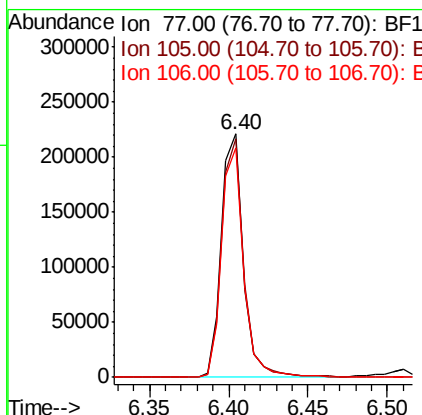
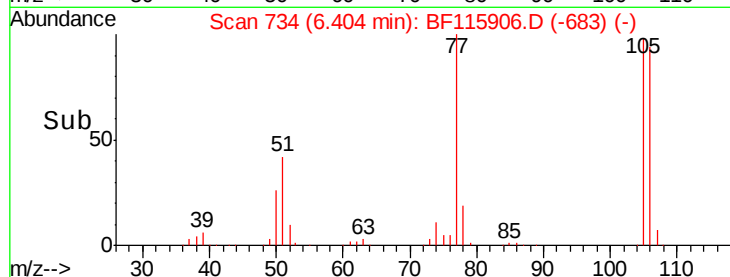
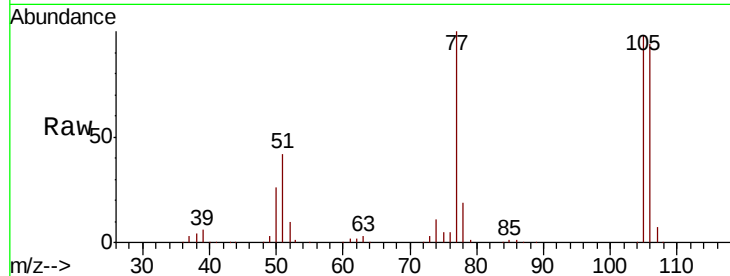
#9
Benzaldehyde
Concen: 29.410 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.1	79.0	119.0
106	94.2	76.2	116.2

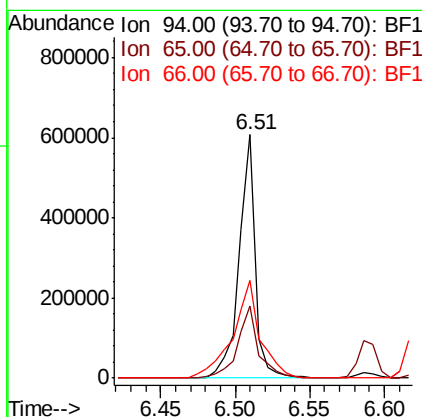
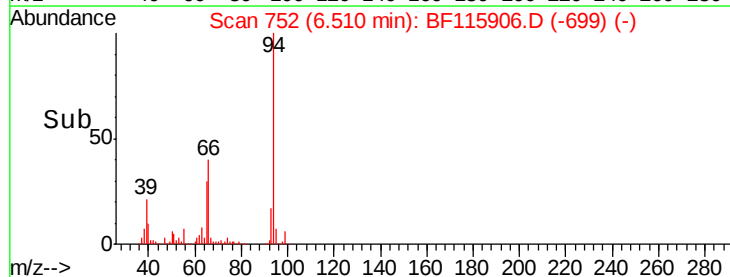
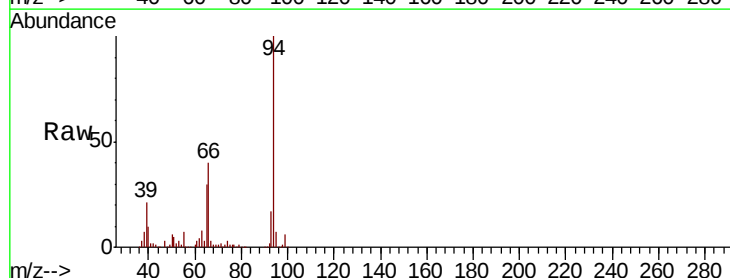
Manual Integrations
APPROVED

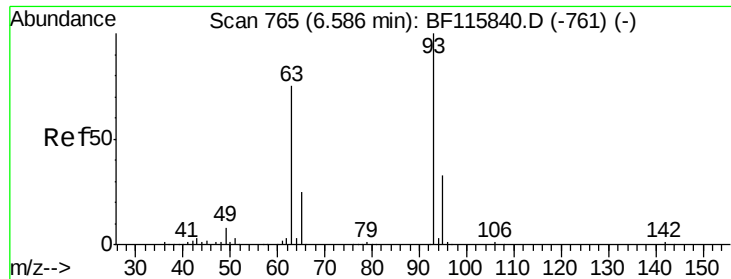
mohammad
8/5/2019 1:48:03 PM



#10
Phenol
Concen: 37.328 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.6	8.9	48.9
66	39.9	18.0	58.0





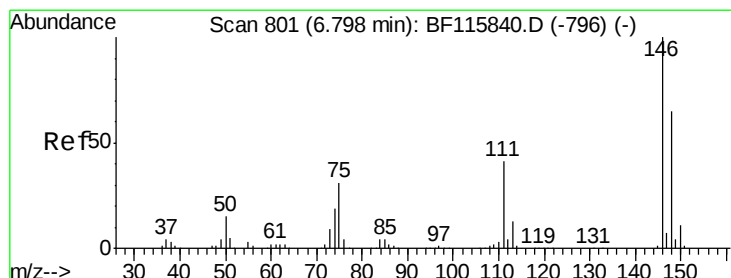
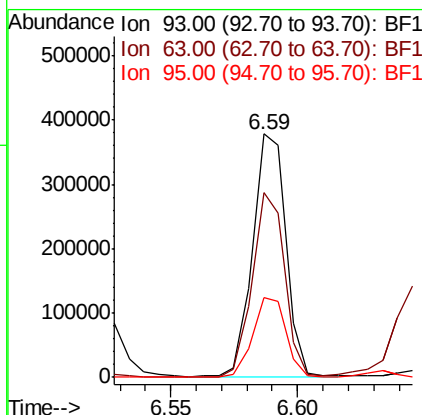
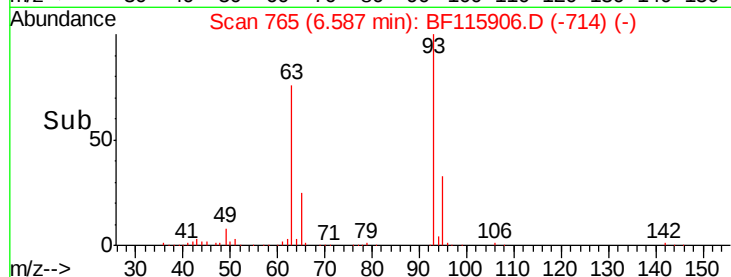
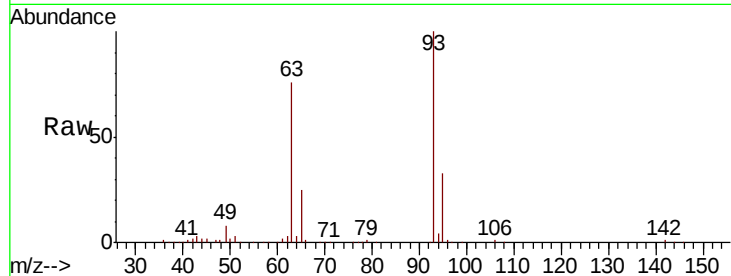
#11
bis(2-Chloroethyl)ether
Concen: 38.406 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampled :
TP-1-AMS

Tot Ion:	93	Resp:	350597
Ion	Ratio	Lower	Upper
93	100		
63	75.9	54.9	94.9
95	32.6	13.3	53.3

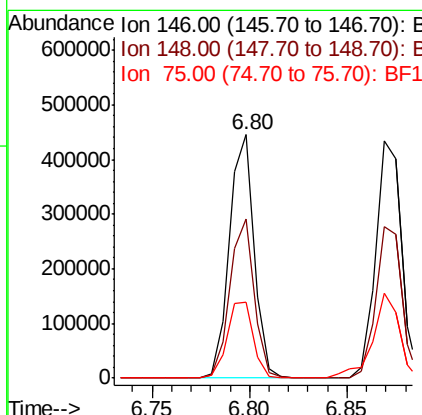
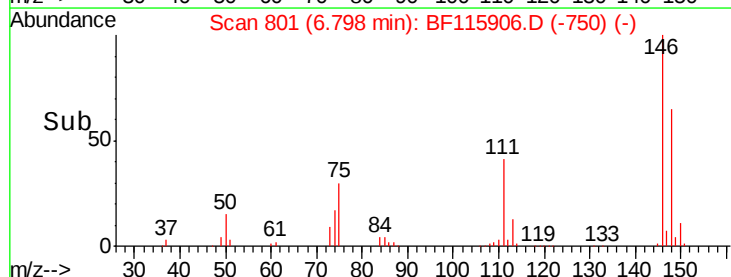
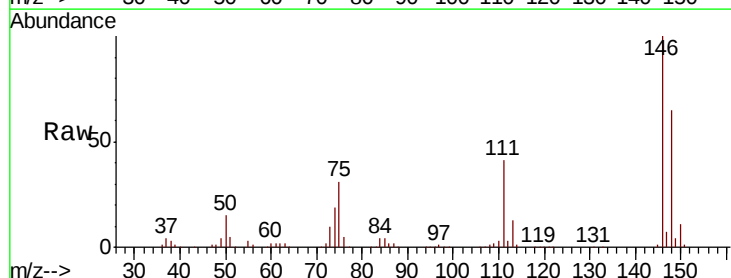
Manual Integrations
APPROVED

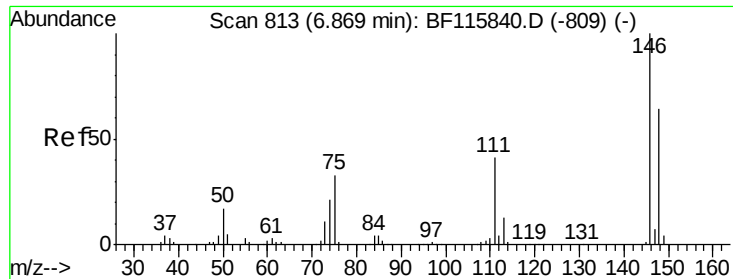
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.643 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:	146	Resp:	391344
Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
75	31.0	25.0	37.6





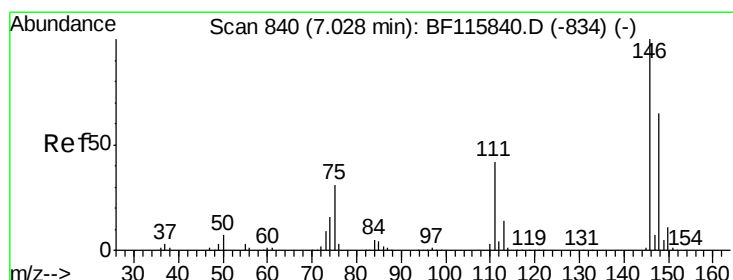
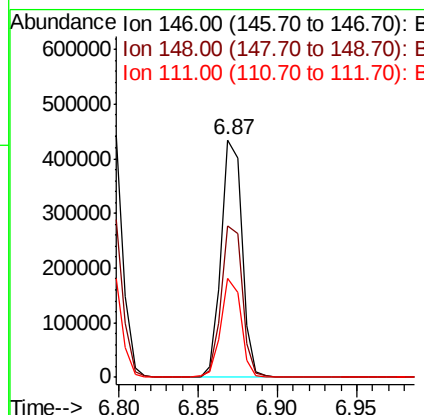
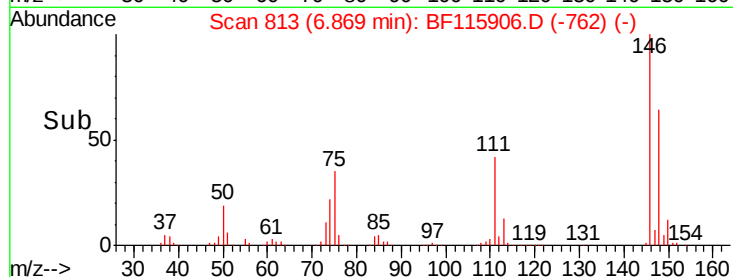
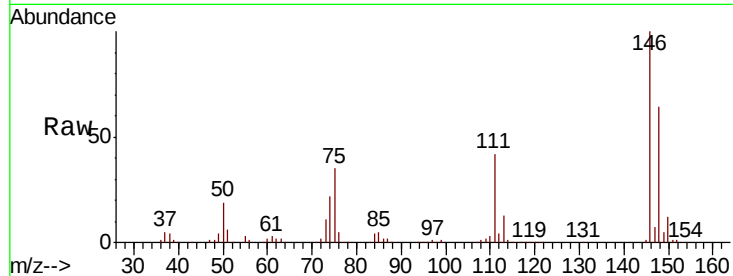
#13
1,4-Dichlorobenzene
Concen: 37.226 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	41.6	33.2	49.8

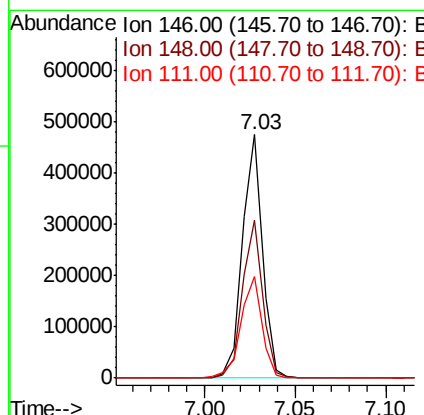
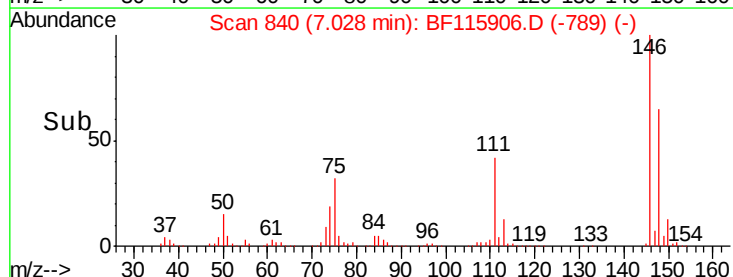
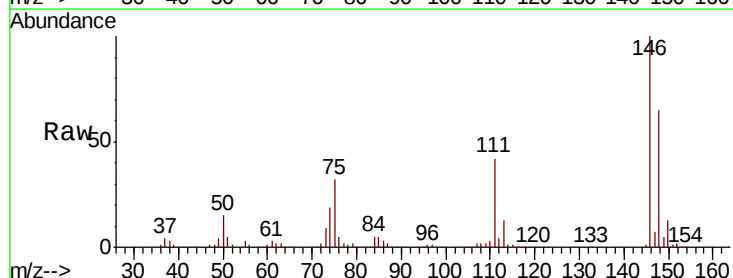
Manual Integrations
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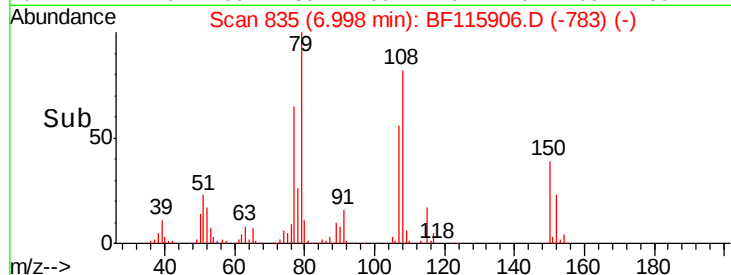
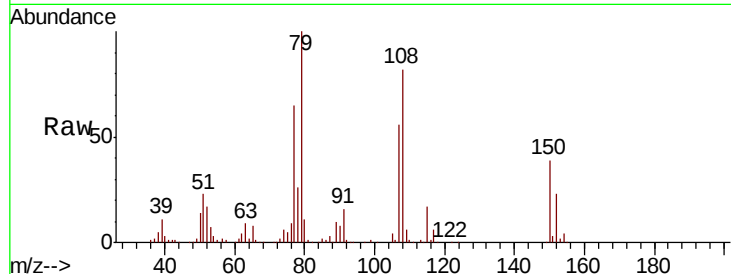
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#14
1,2-Dichlorobenzene
Concen: 37.128 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	41.6	33.6	50.4





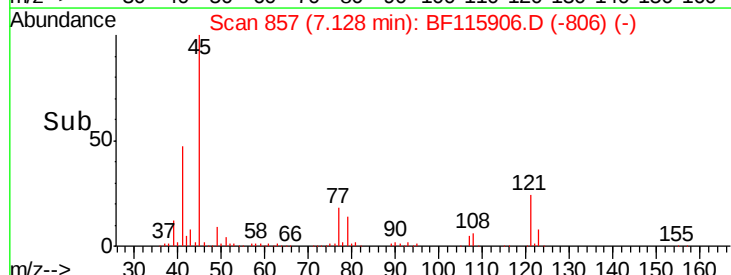
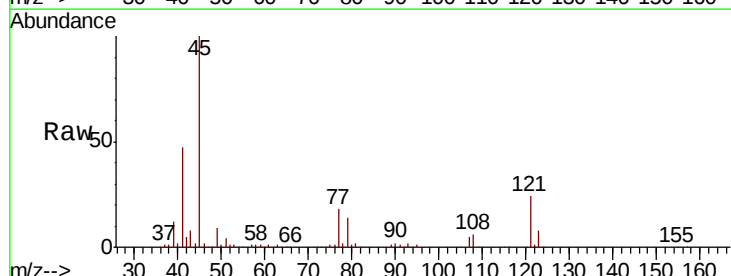
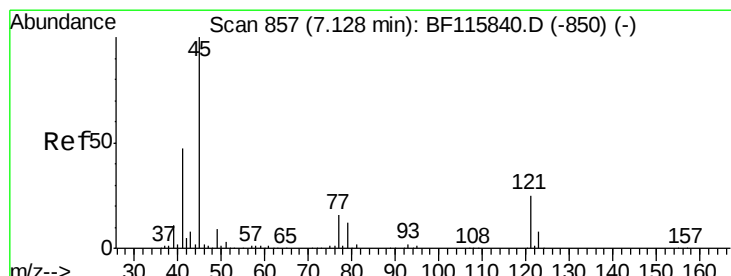
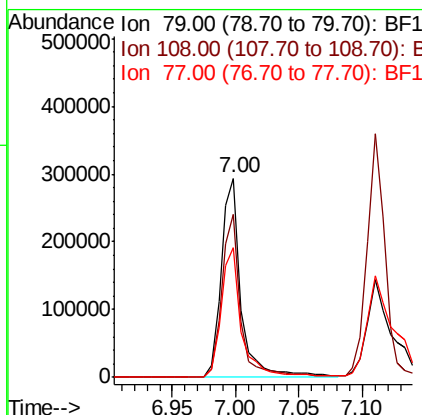
#15
Benzyl Alcohol
Concen: 40.203 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tot Ion	Ratio	Resp	Lower	Upper
79	100	321687		
108	82.1	62.8	94.2	
77	65.0	52.0	78.0	

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

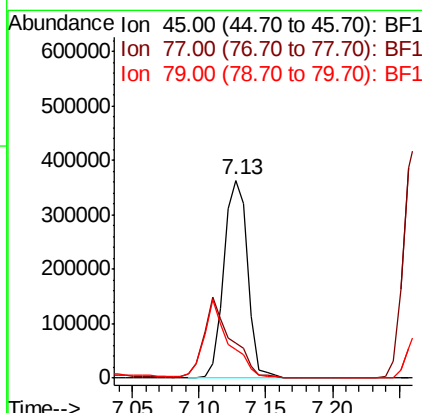
Manual Integrations
APPROVED

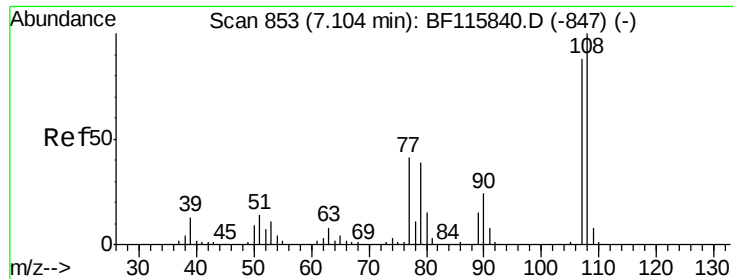
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.890 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	459337		
77	17.9	0.0	36.3	
79	14.2	0.0	32.5	





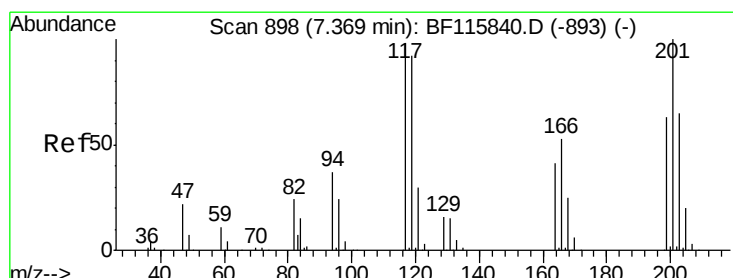
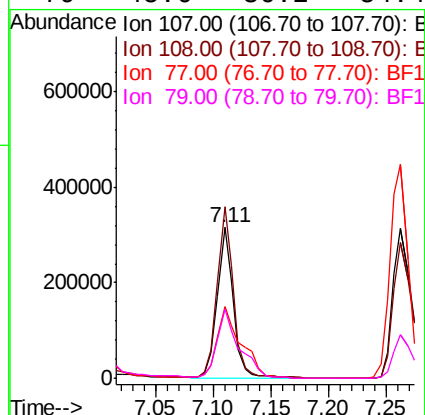
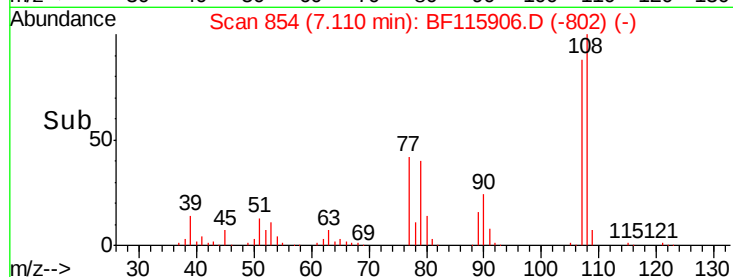
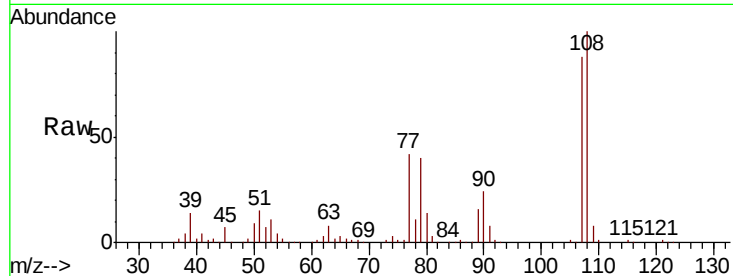
#17
2-Methylphenol
Concen: 39.048 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	113.9	91.4	137.0	
77	77	47.5	37.6	56.4	
79	79	45.6	36.2	54.4	

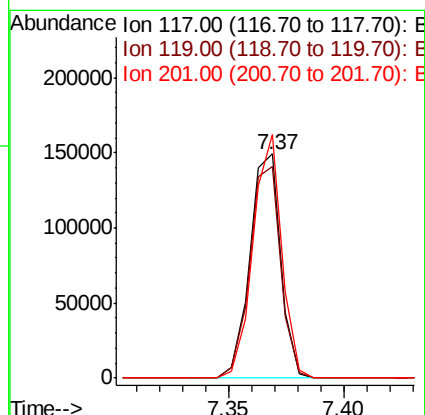
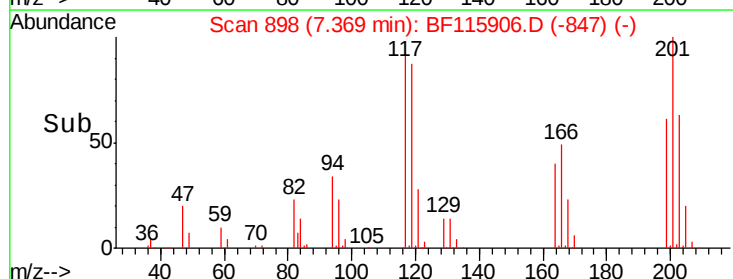
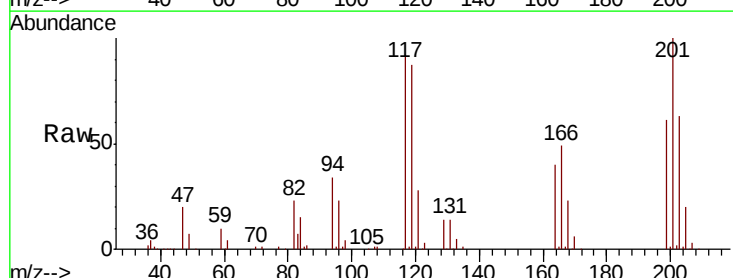
Manual Integrations
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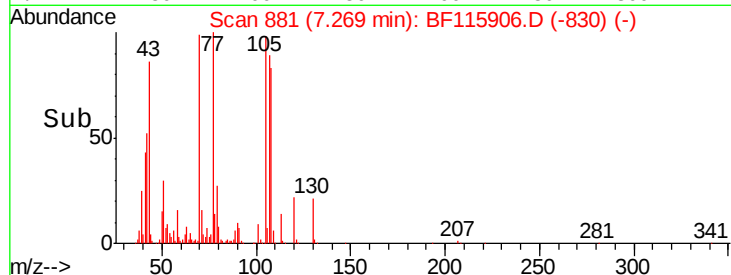
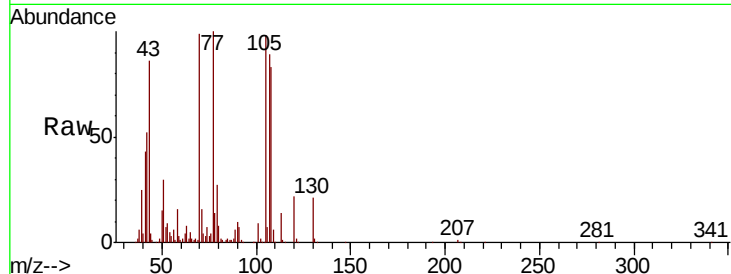
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#18
Hexachloroethane
Concen: 35.385 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	94.8	75.8	113.6	
201	201	108.8	82.0	123.0	





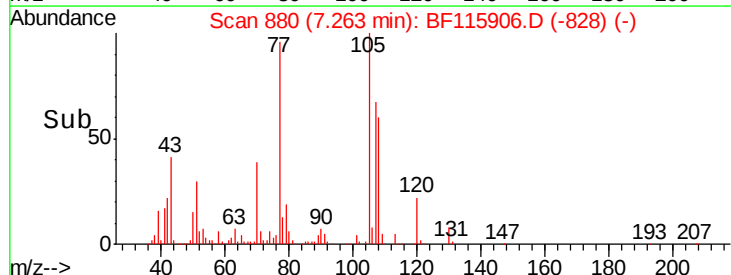
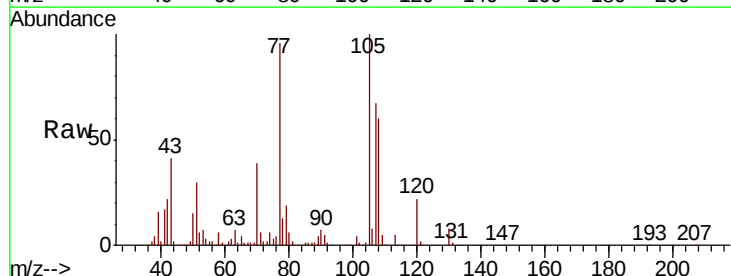
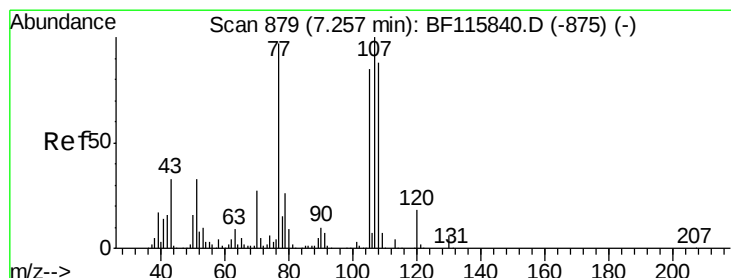
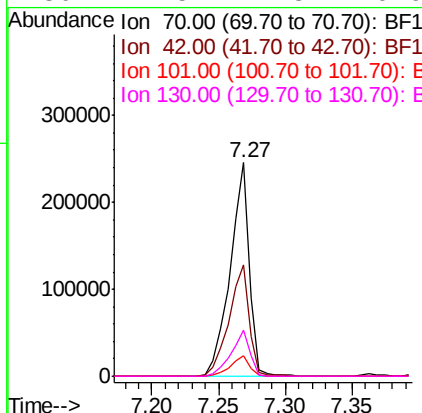
#19
n-Nitroso-di-n-propylamine
Concen: 38.273 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		250066		
42	52.4	41.8	62.8		
101	9.4	7.7	11.5		
130	21.5	17.8	26.6		

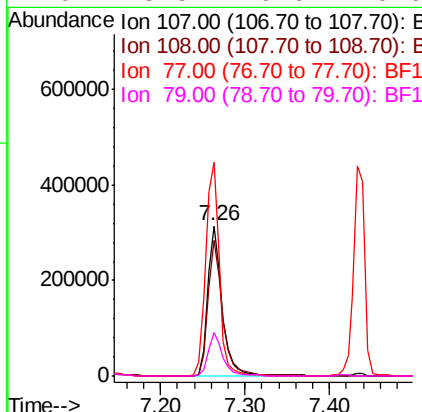
Manual Integrations
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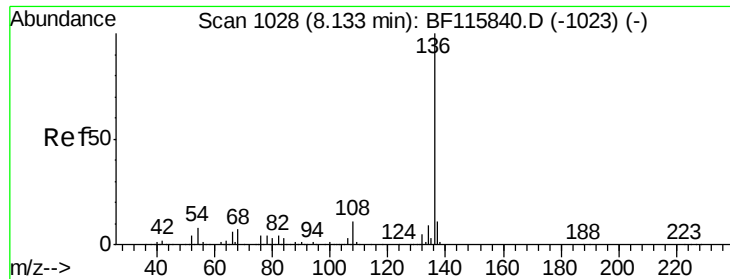
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#20
3+4-Methylphenols
Concen: 40.636 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		376275		
108	89.8	67.9	107.9		
77	142.0	77.3	117.3#		
79	28.5	6.6	46.6		





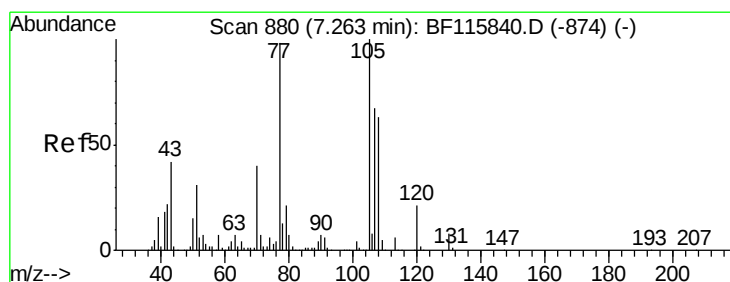
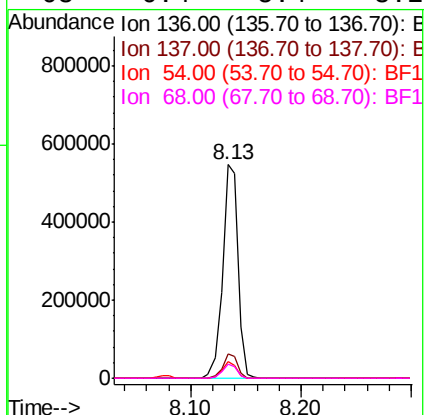
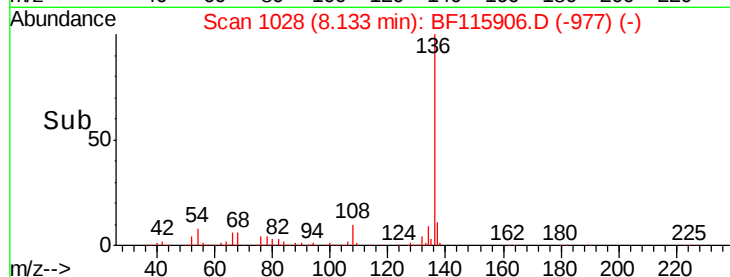
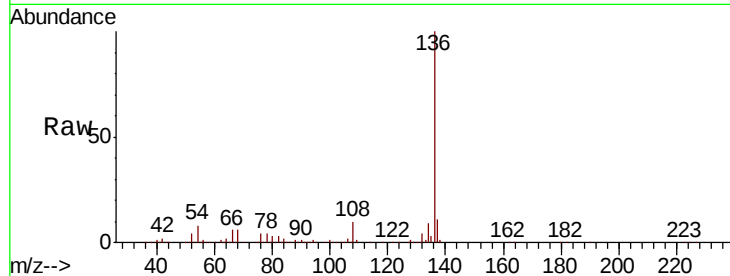
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	531836		
137	11.2		9.1	13.7
54	7.5		6.1	9.1
68	6.4		5.4	8.2

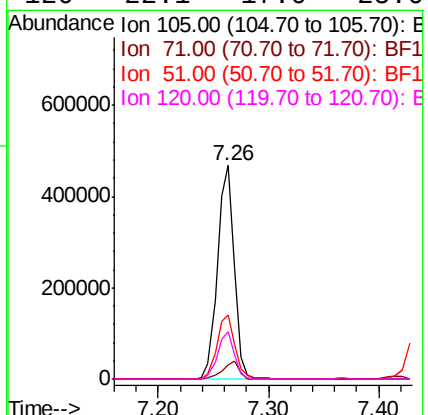
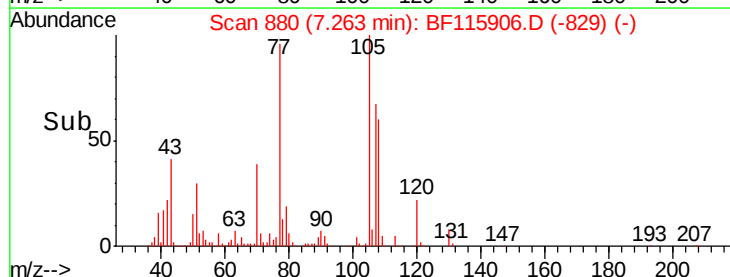
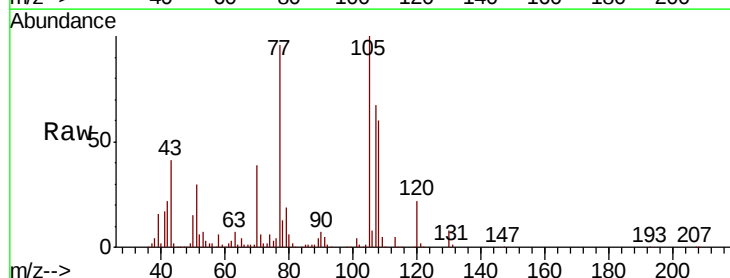
Manual Integrations
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#22
Acetophenone
Concen: 42.177 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	491947		
71	6.4		5.4	8.0
51	30.3		24.6	36.8
120	22.1		17.0	25.6





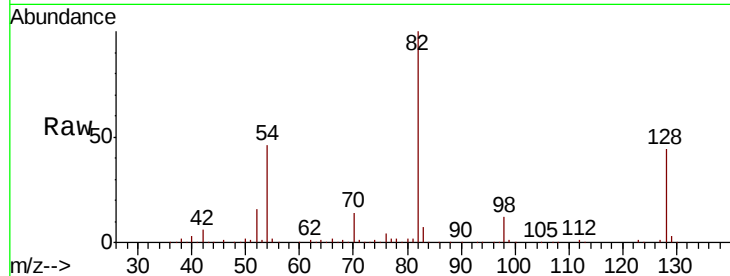
#23
 Nitrobenzene-d5
 Concen: 101.833 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampled :
 TP-1-AMS

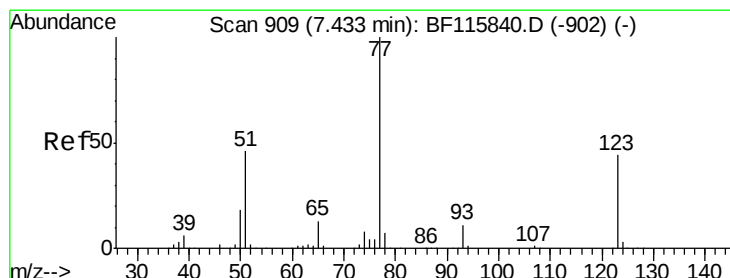
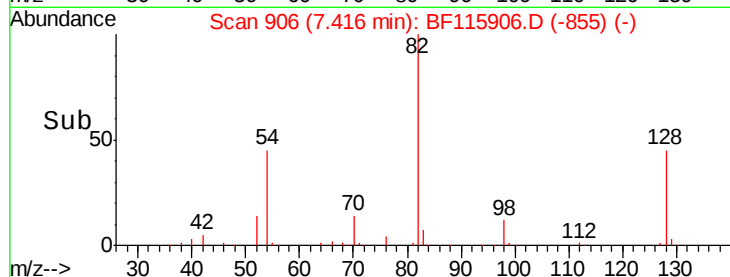
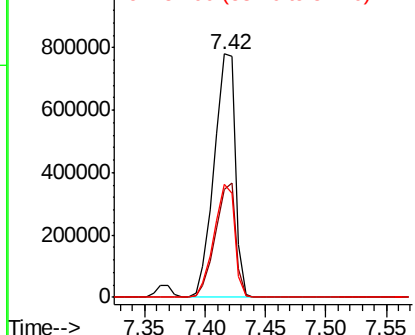
Tot Ion	82	Resp	938243
Ion Ratio	100	Lower	Upper
128	44.4	36.6	55.0
54	46.2	36.6	55.0

Manual Integrations
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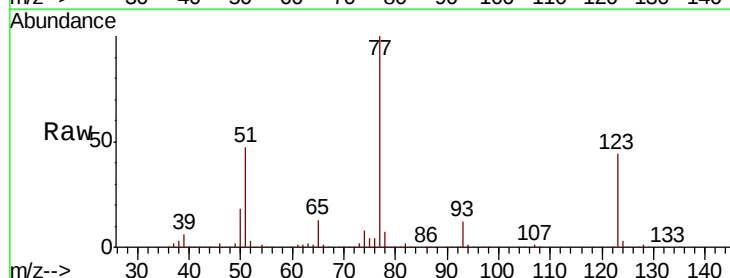


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

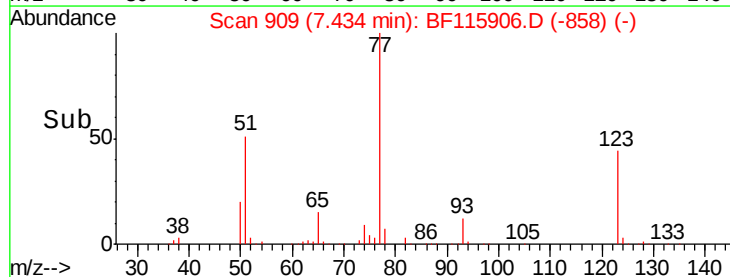
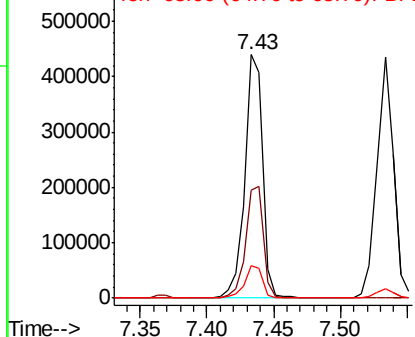


#24
 Nitrobenzene
 Concen: 40.352 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion	77	Resp	401440
Ion Ratio	100	Lower	Upper
123	44.2	35.5	53.3
65	13.4	10.6	15.8



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





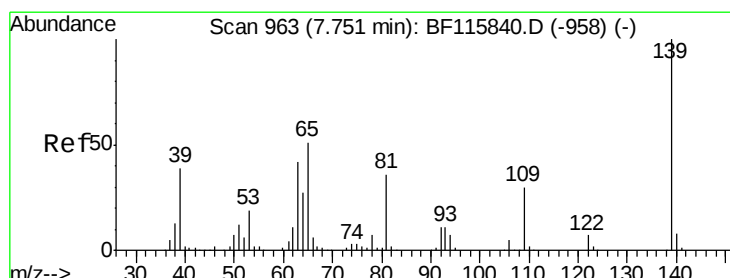
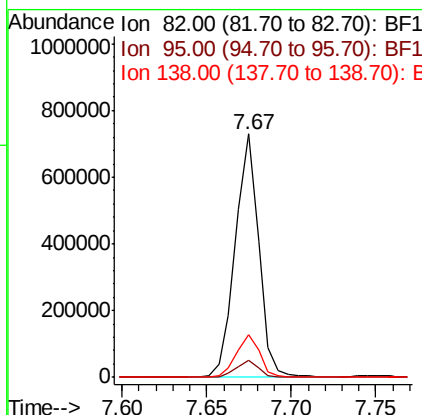
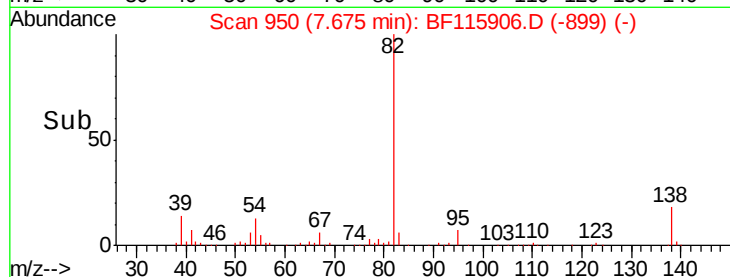
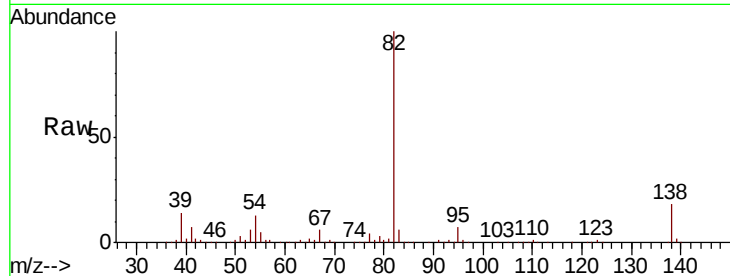
#25
Isophorone
Concen: 40.203 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	708282		
95	6.8		5.5	8.3
138	17.8		13.9	20.9

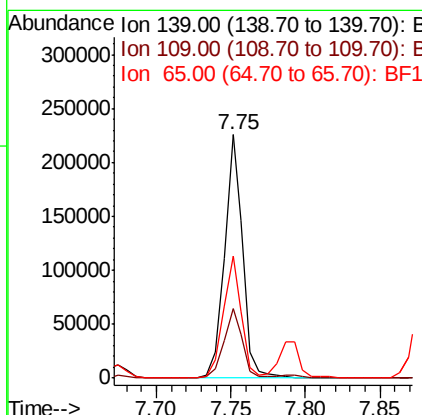
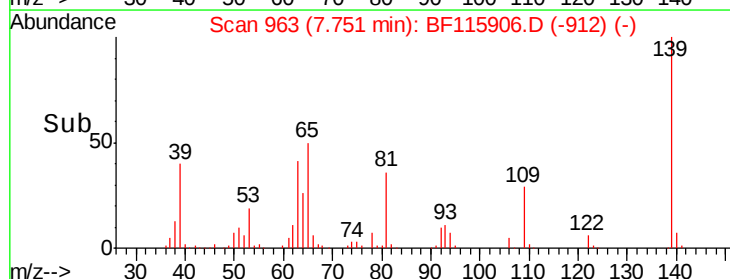
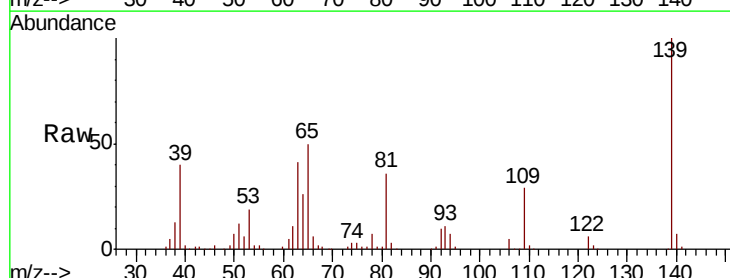
Manual Integrations
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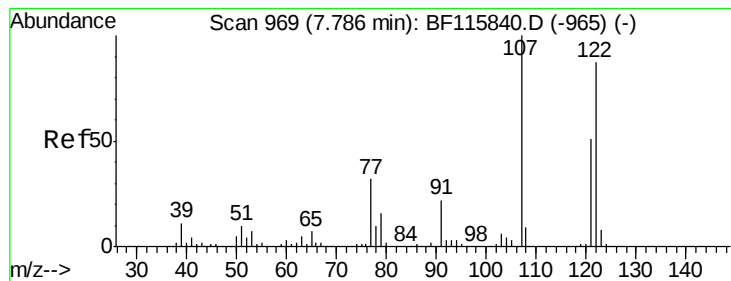
mohammad
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#26
2-Nitrophenol
Concen: 41.559 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	194894		
109	28.6		23.6	35.4
65	50.3		40.6	60.8





#27

2,4-Dimethylphenol

Concen: 46.053 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

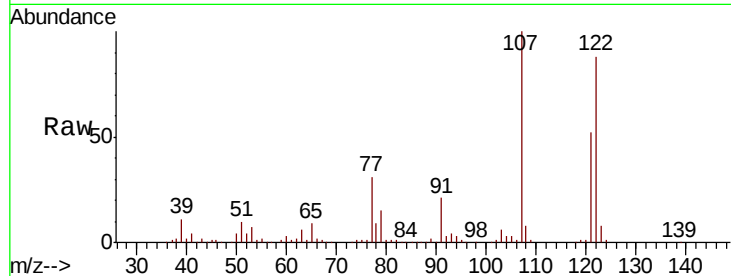
ClientSampled :

TP-1-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	114.0	91.7	137.5		
121	58.9	46.6	70.0		

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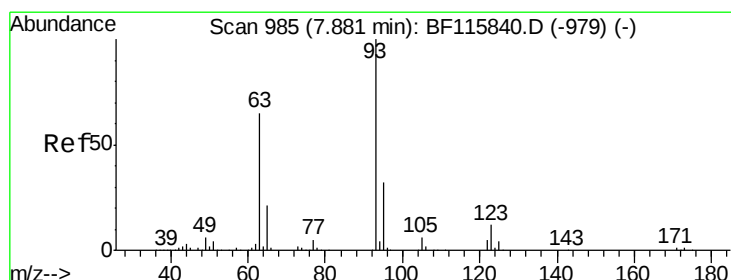
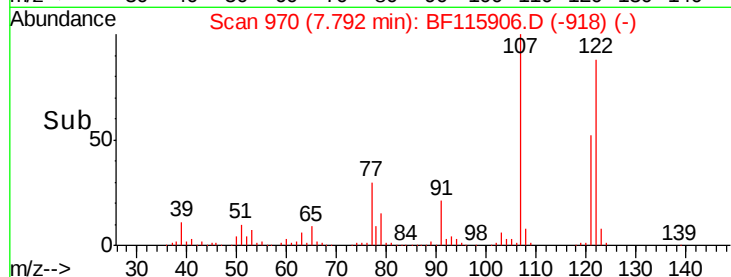
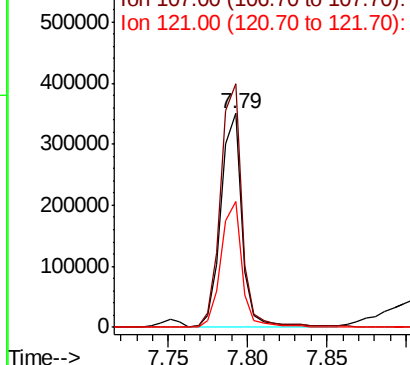


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.865 ng

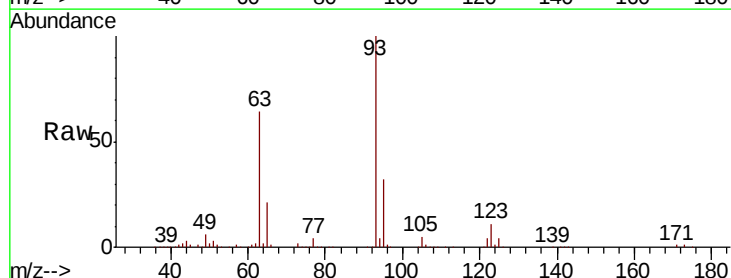
RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.3	26.0	39.0		
123	11.4	9.5	14.3		

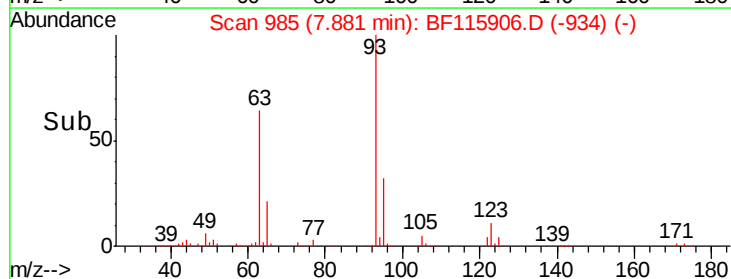
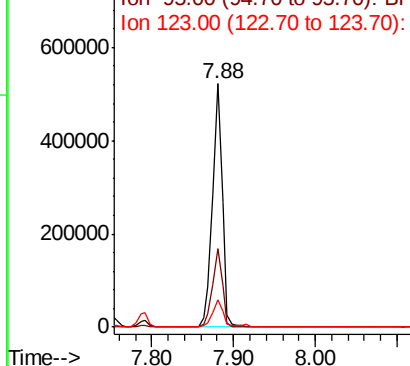


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





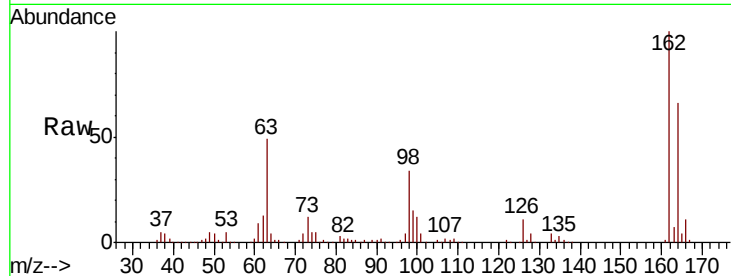
#29
2,4-Dichlorophenol
Concen: 41.555 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.6	43.2	83.2
98	34.1	17.3	57.3

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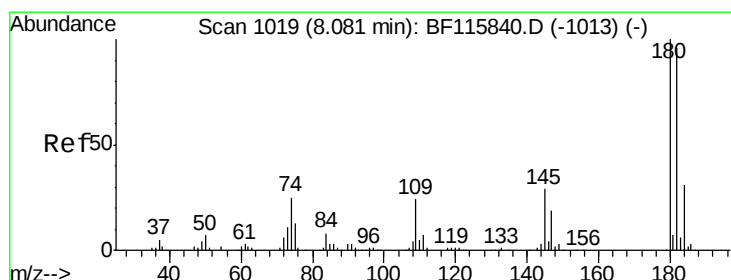
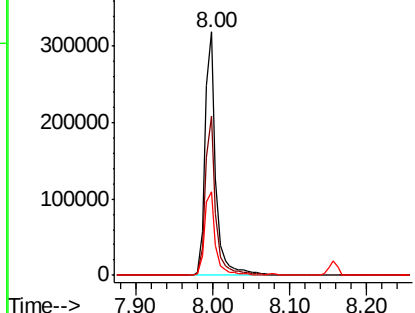
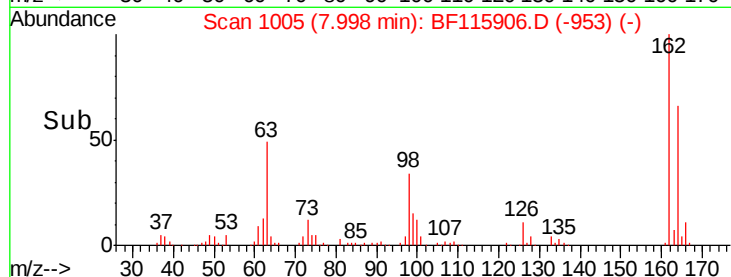


Abundance

Ion 162.00 (161.70 to 162.70): E

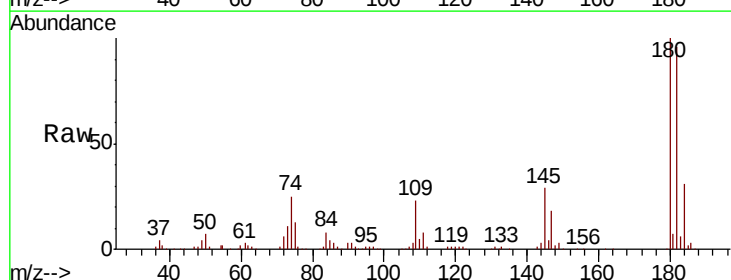
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 39.370 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.5	76.6	114.8
145	28.7	23.2	34.8

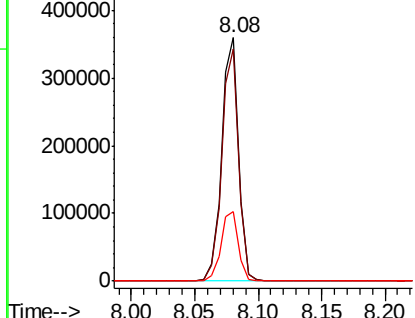
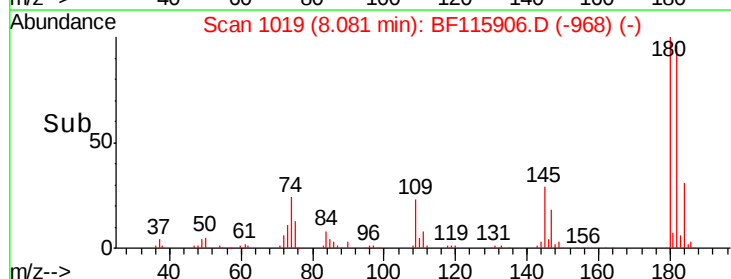


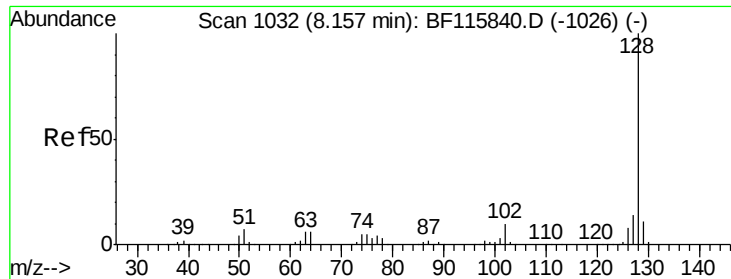
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





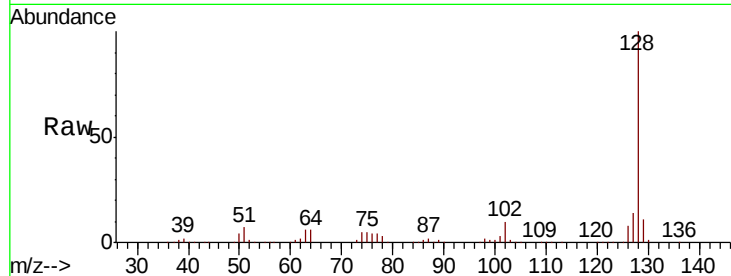
#31
Naphthalene
Concen: 41.492 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

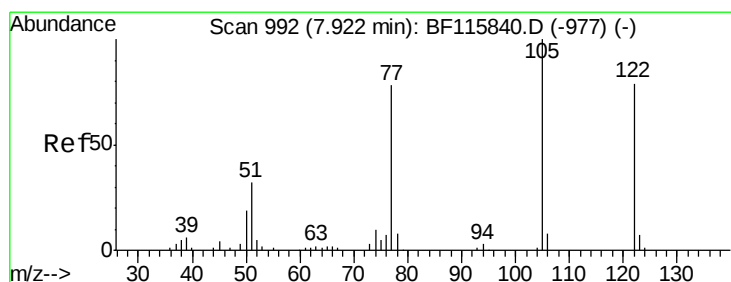
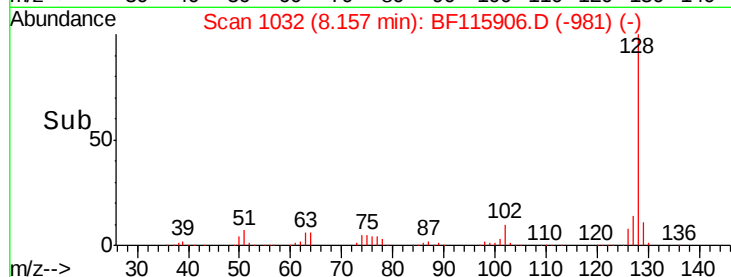
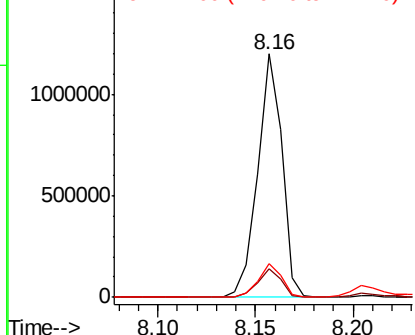
Tot Ion:128 Resp: 1038425
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.9 11.0 16.4

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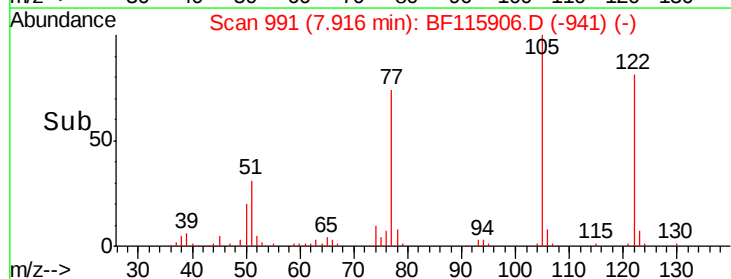
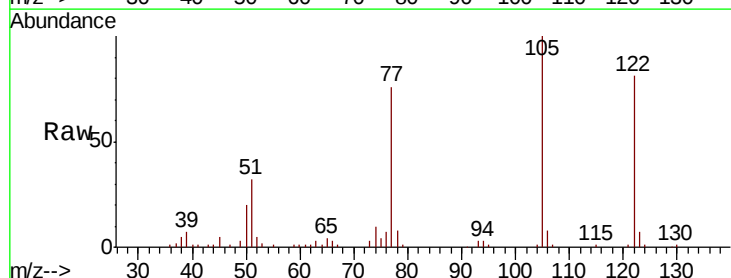
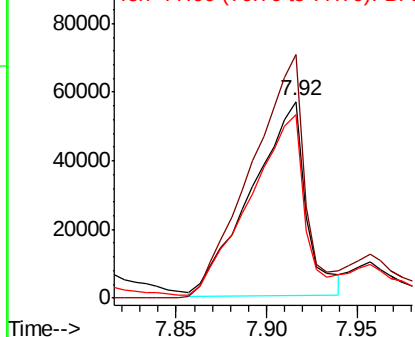
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 23.790 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:122 Resp: 118338
Ion Ratio Lower Upper
122 100
105 123.9 103.1 143.1
77 93.7 76.8 116.8

Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





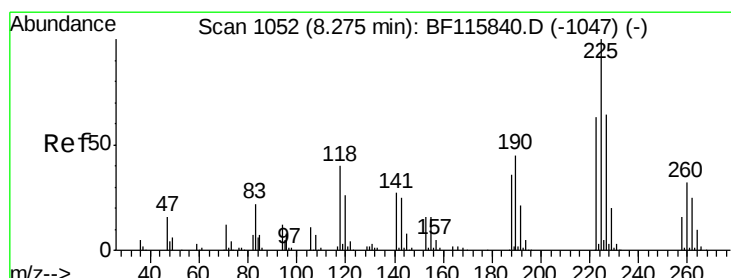
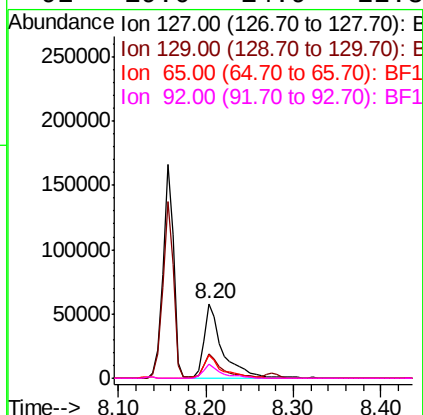
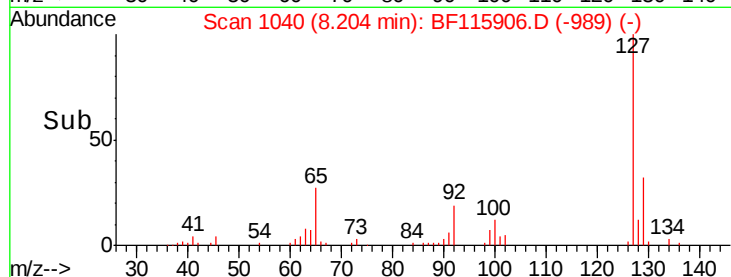
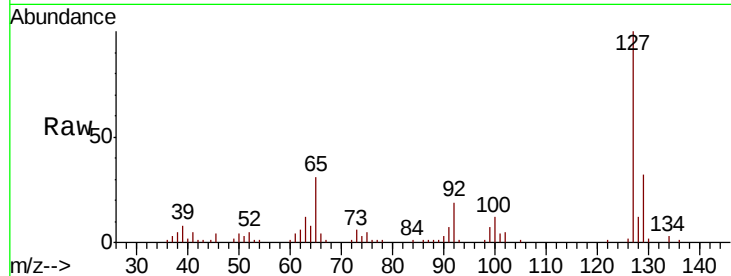
#33
4-Chloroaniline
Concen: 7.664 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleID :
TP-1-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		85703		
129	32.5	26.0	39.0		
65	31.0	23.9	35.9		
92	19.0	14.9	22.3		

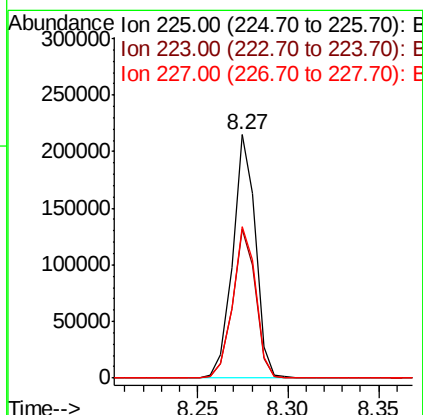
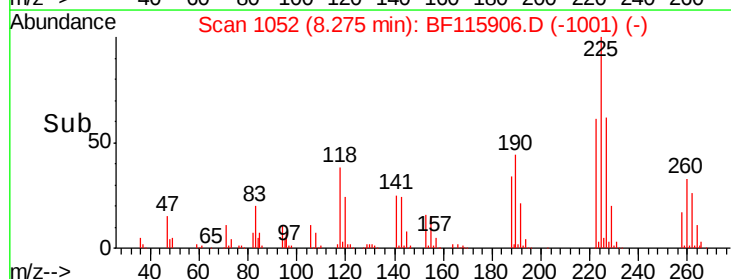
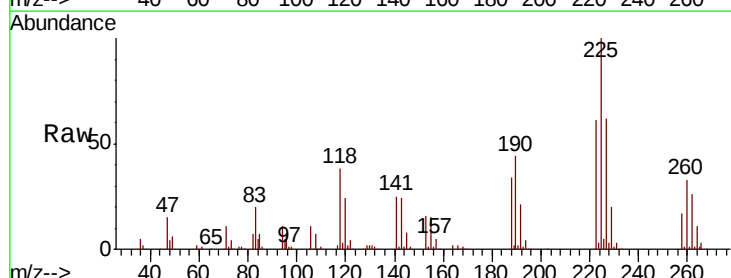
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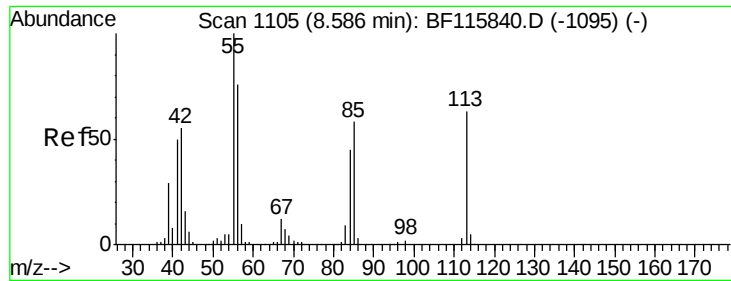
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#34
Hexachlorobutadiene
Concen: 38.316 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		187412		
223	61.2	50.4	75.6		
227	62.0	51.6	77.4		





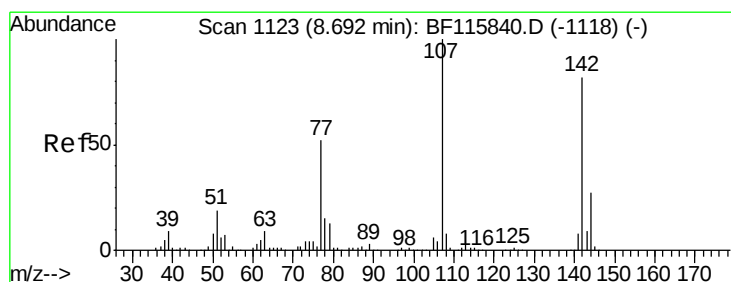
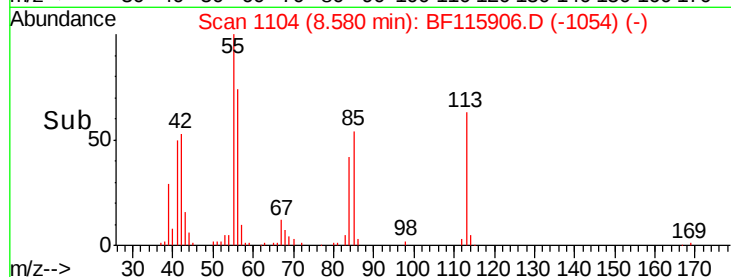
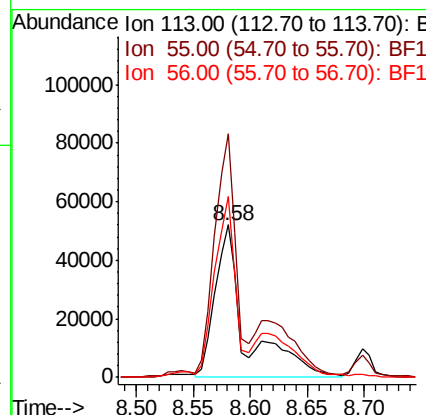
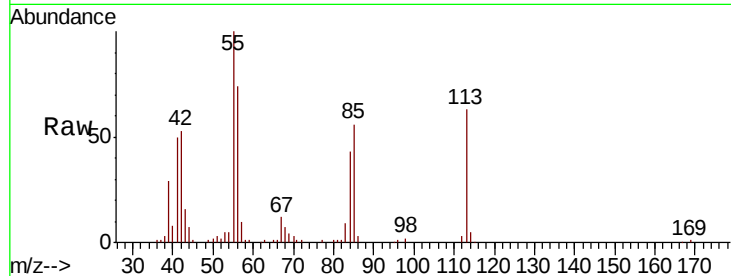
#35
 Caprolactam
 Concen: 40.537 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampled :
 TP-1-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	159.5	138.1	178.1		
56	118.2	100.6	140.6		

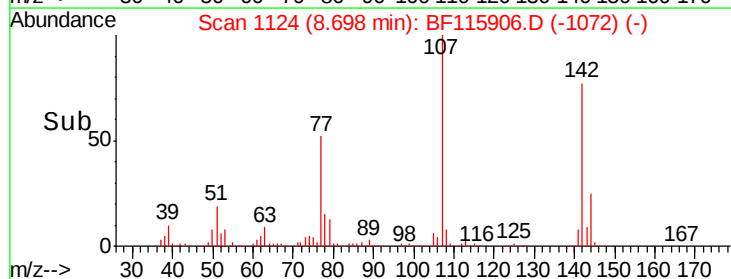
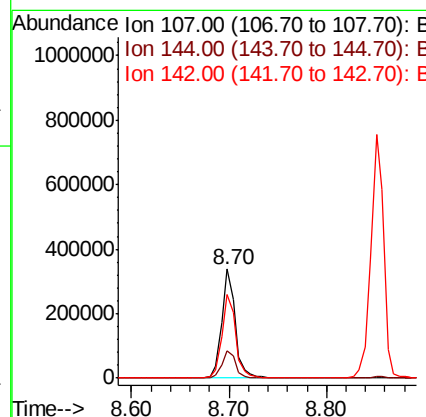
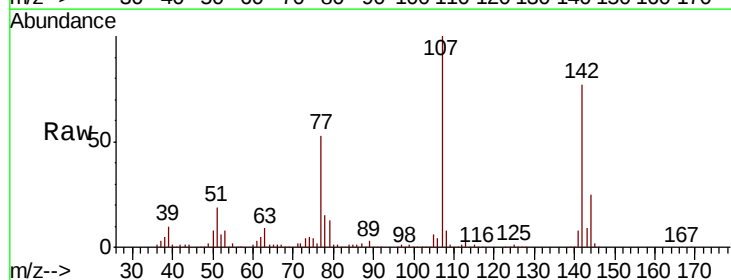
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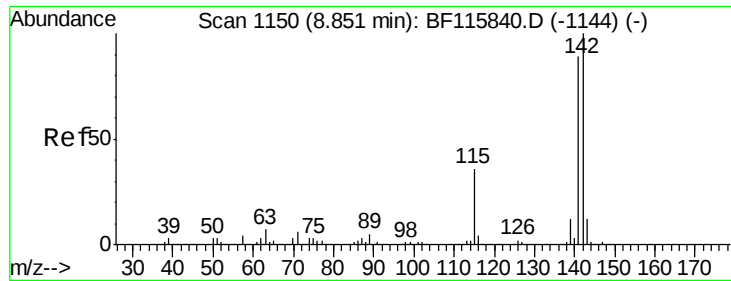
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#36
 4-Chloro-3-methylphenol
 Concen: 41.960 ng/ml
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.5	21.4	32.0		
142	77.1	65.5	98.3		





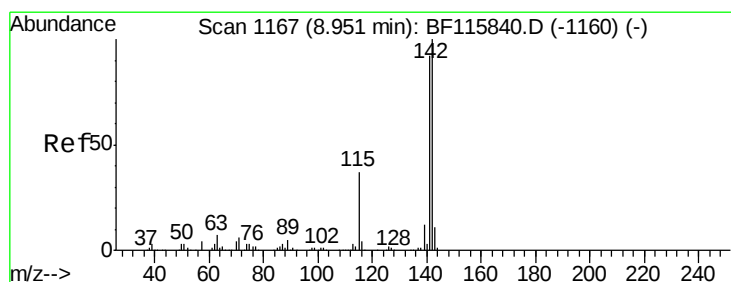
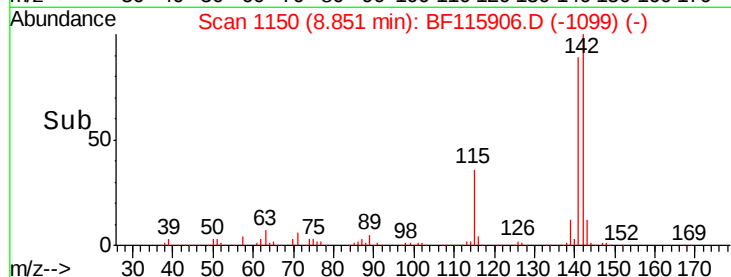
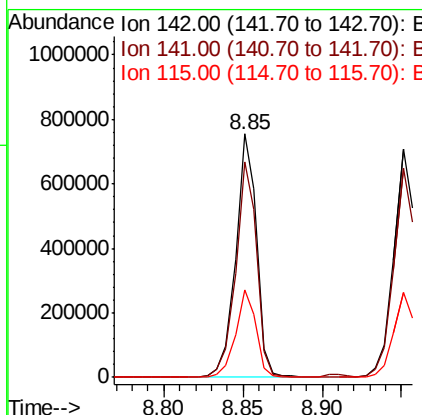
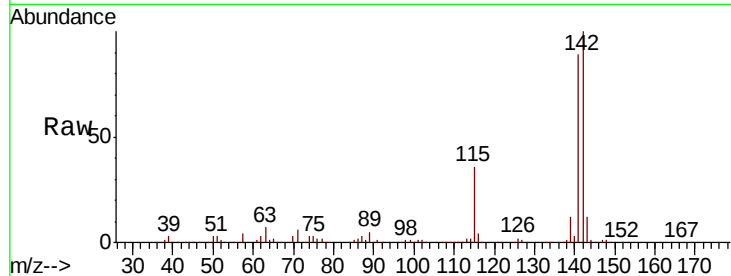
#37
2-Methylnaphthalene
Concen: 41.831 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampled :
TP-1-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	35.8	28.9	43.3

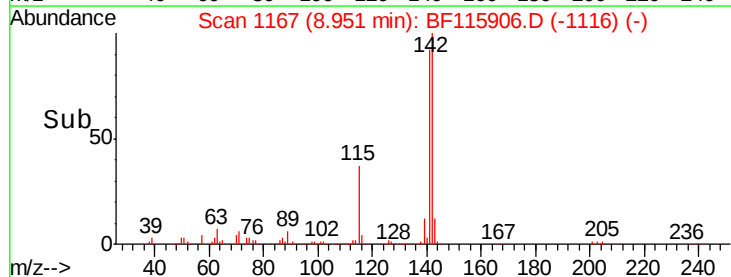
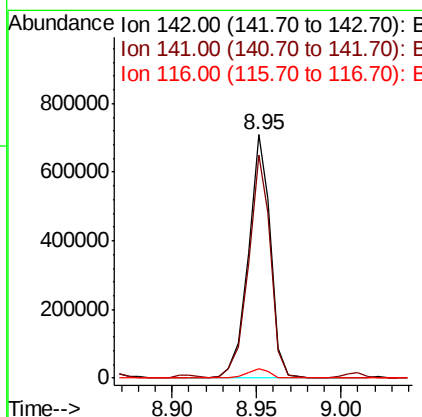
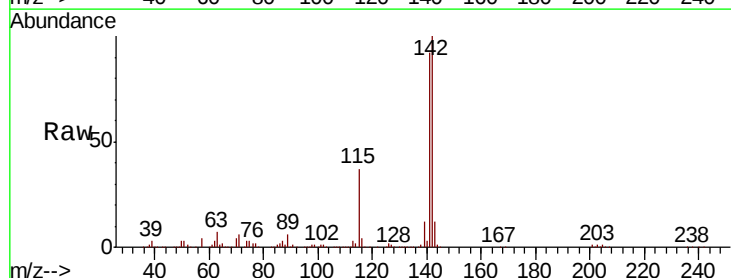
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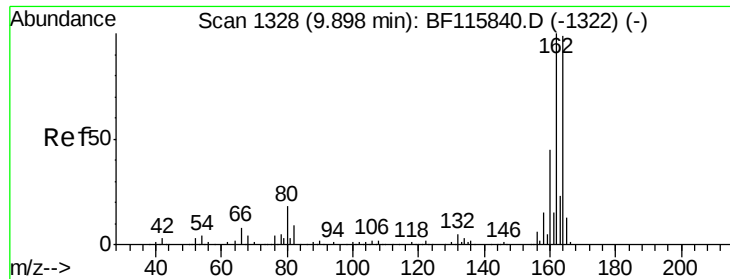
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#38
1-Methylnaphthalene
Concen: 41.378 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.8	110.6
116	3.8	3.1	4.7





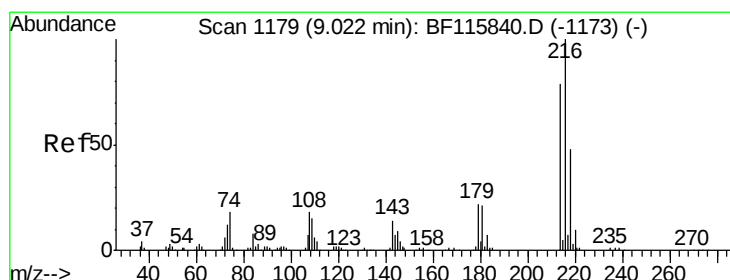
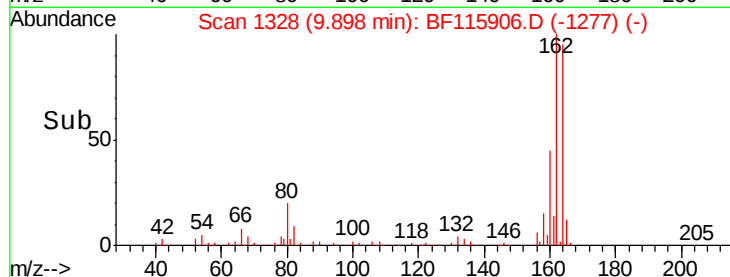
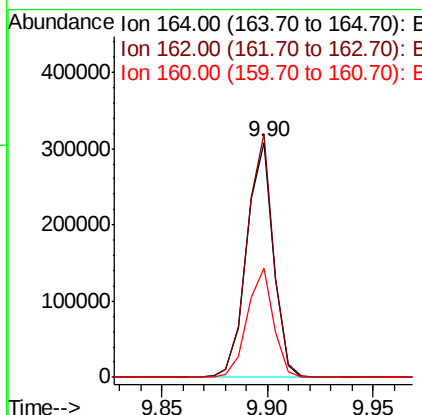
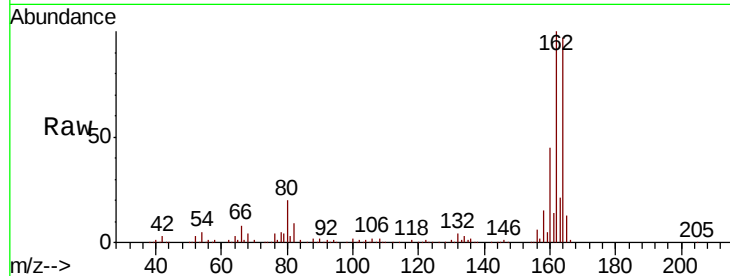
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	269578		
162	103.5		80.8	121.2
160	46.6		36.2	54.4

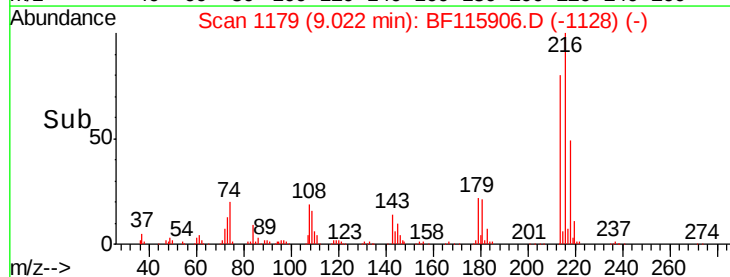
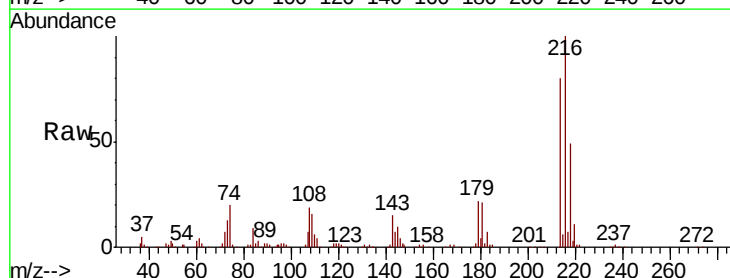
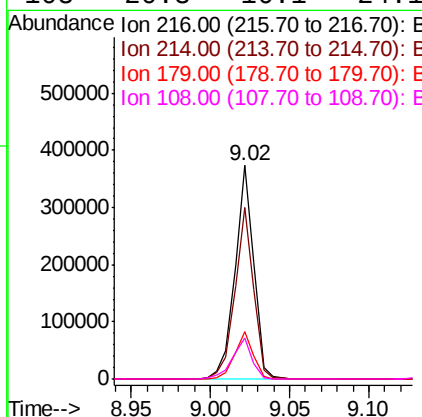
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.613 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	307106		
214	79.6		62.8	94.2
179	22.0		17.6	26.4
108	20.3		16.1	24.1





#41

Hexachlorocyclopentadiene

Concen: 32.622 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

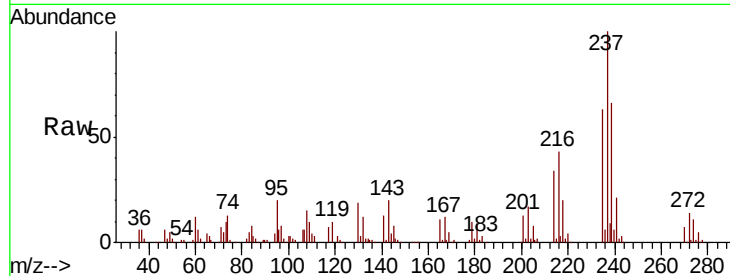
ClientSampleId :

TP-1-AMS

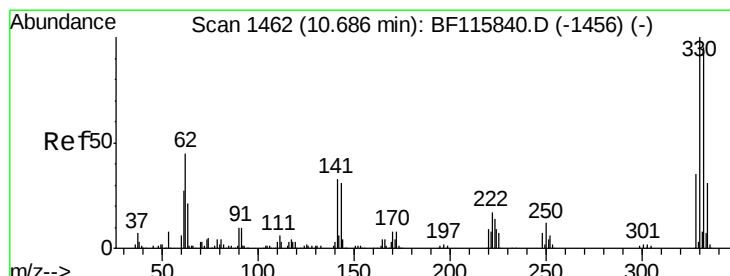
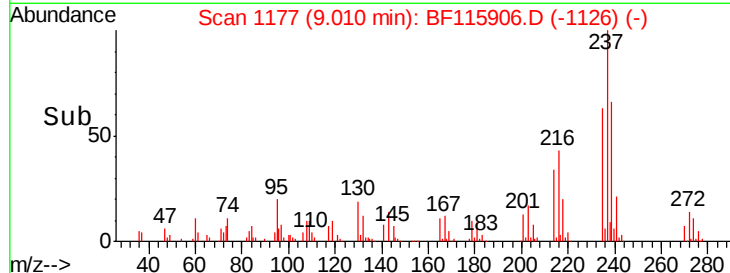
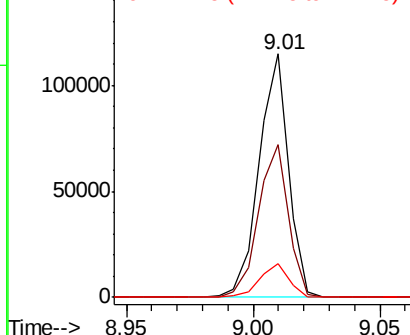
Tot Ion:	237	Resp:	93292
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.5	82.5
272	13.7	0.0	33.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 132.529 ng

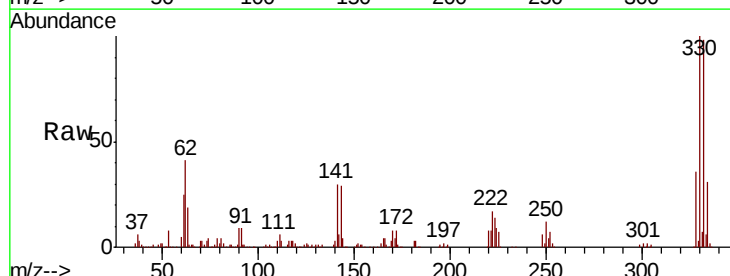
RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

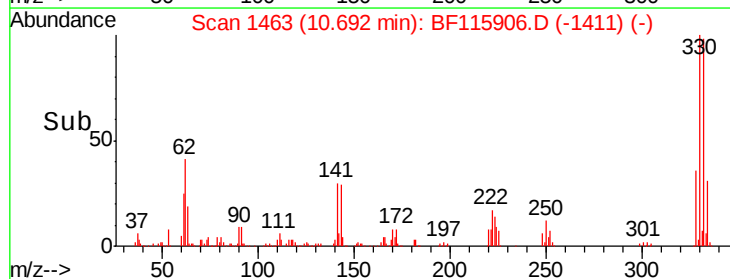
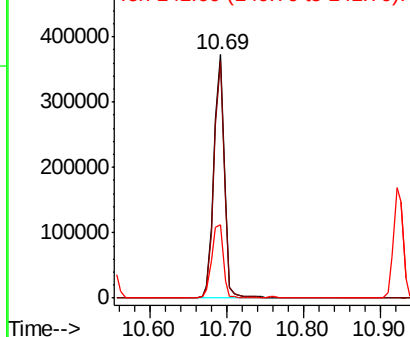
Lab File: BF115906.D

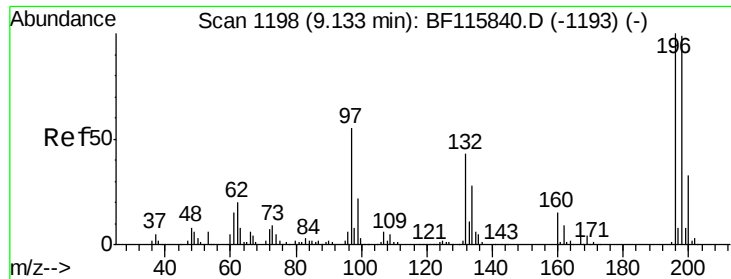
Acq: 1 Aug 2019 14:32

Tgt Ion:	330	Resp:	346382
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.7	116.5
141	33.8	28.1	42.1



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





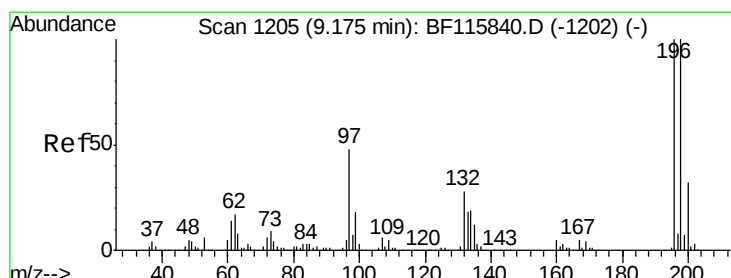
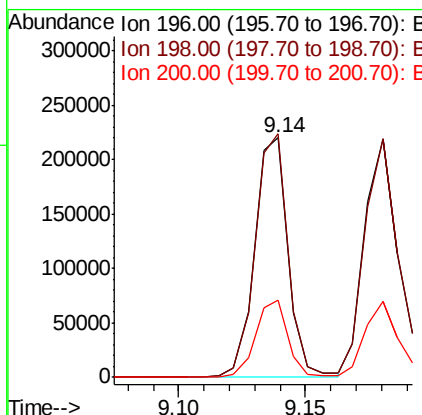
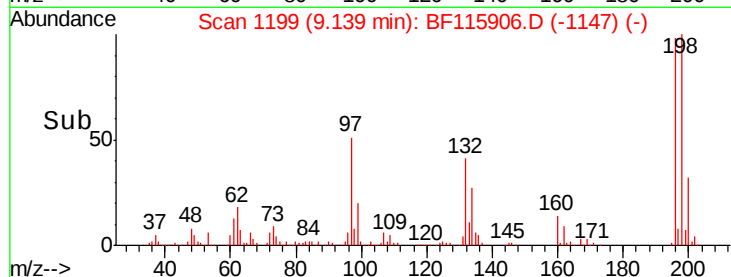
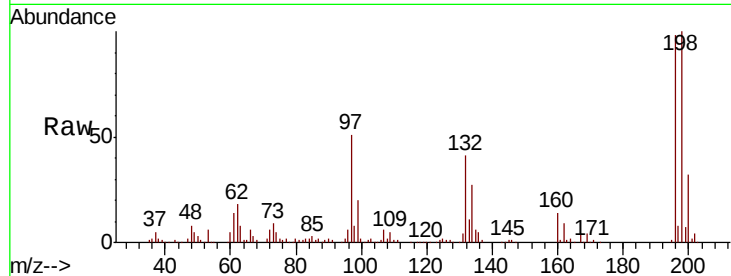
#43
 2,4,6-Trichlorophenol
 Concen: 40.946 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	203115		
198	101.7	79.1	118.7	
200	32.3	26.0	39.0	

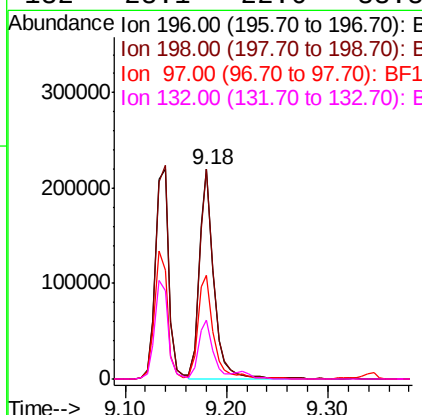
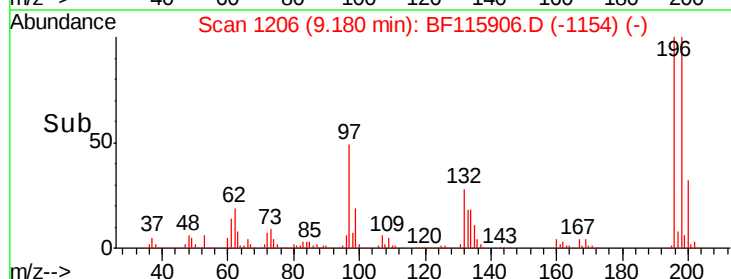
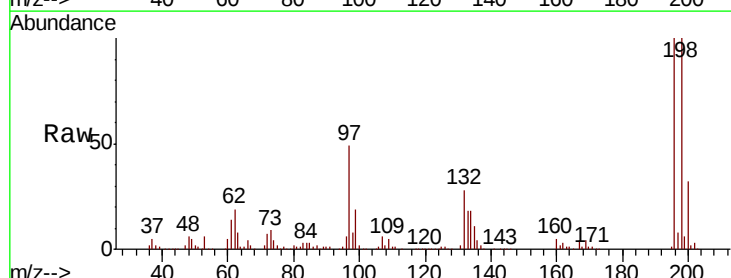
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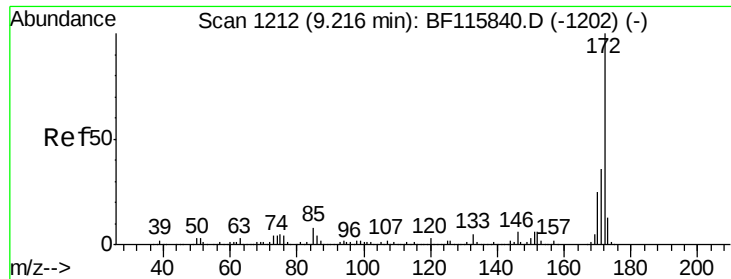
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 42.517 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218020		
198	100.1	80.1	120.1	
97	49.5	38.9	58.3	
132	28.1	22.6	33.8	





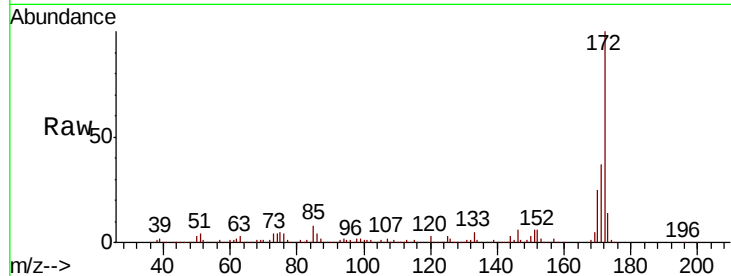
#45
2-Fluorobiphenyl
Concen: 100.285 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.1	43.7
170	25.2	20.1	30.1

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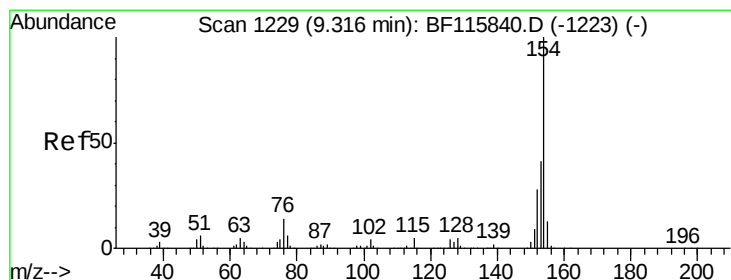
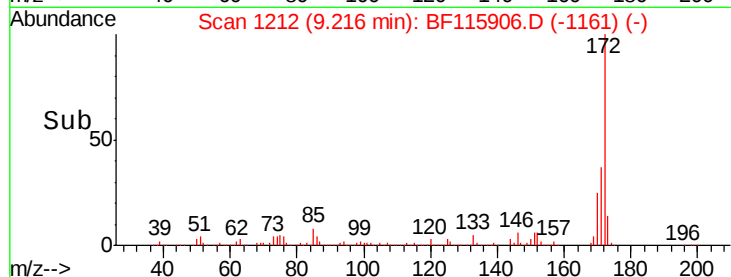
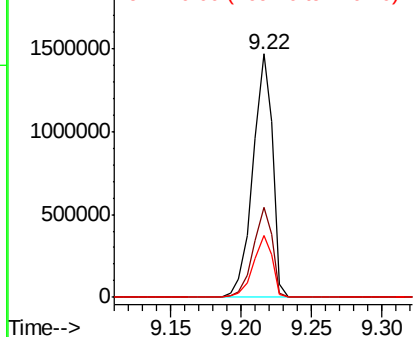


Abundance

Ion 172.00 (171.70 to 172.70): E

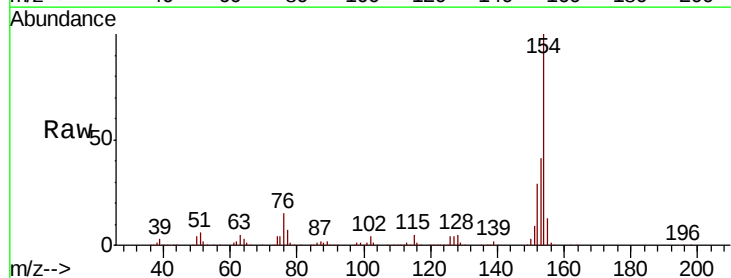
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.175 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	14.8	0.0	34.3

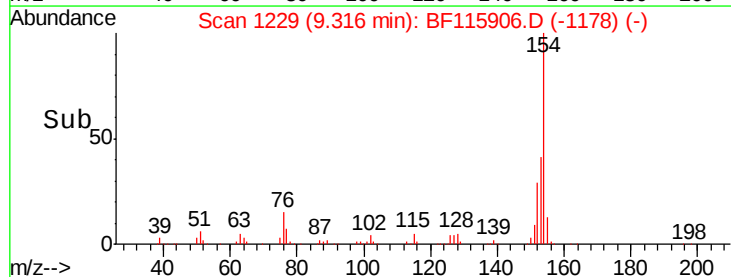
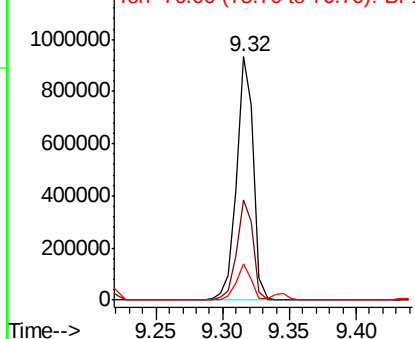


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





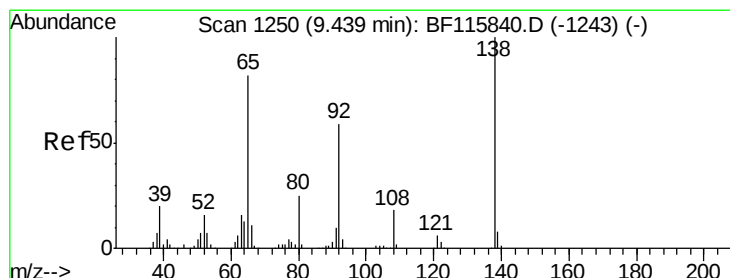
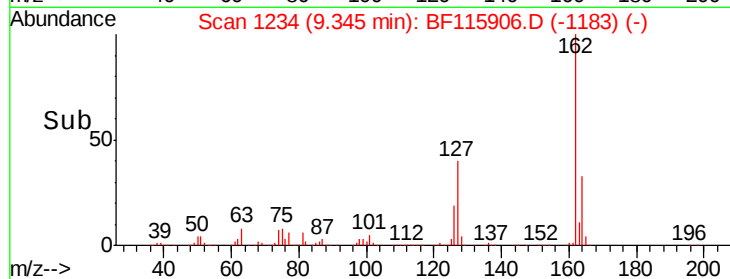
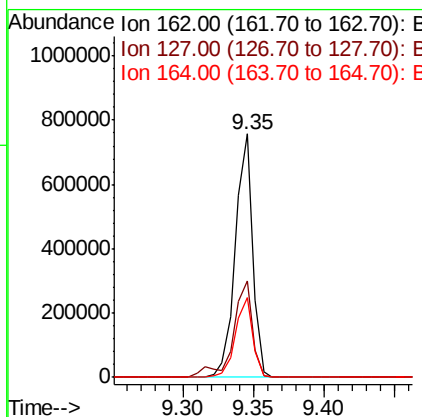
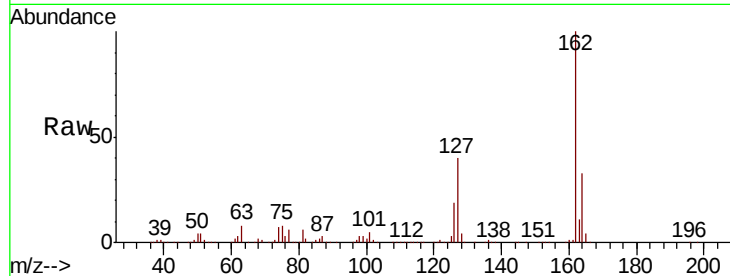
#47
 2-Chloronaphthalene
 Concen: 40.790 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampled :
 TP-1-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.6	31.3	46.9	
164	32.9	26.6	40.0	

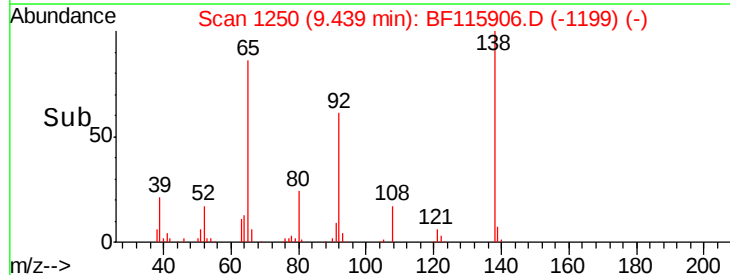
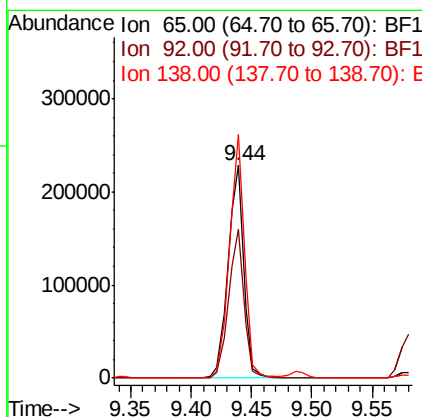
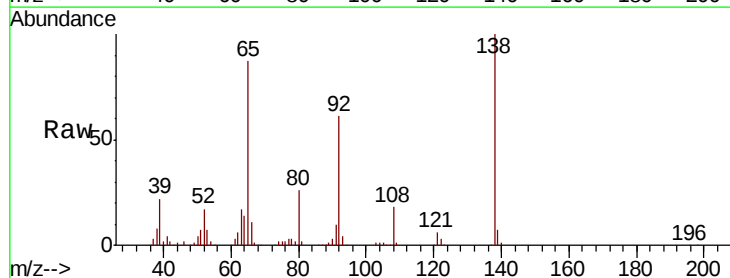
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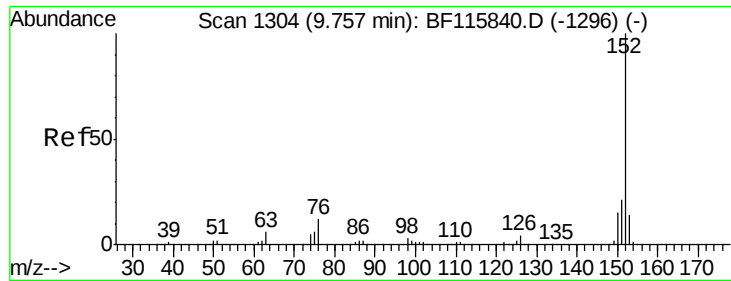
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#48
 2-Nitroaniline
 Concen: 39.505 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.8	57.1	85.7	
138	114.5	97.1	145.7	





#49

Acenaphthylene

Concen: 43.952 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

Tot Ion:152 Resp: 1015703

Ion Ratio Lower Upper

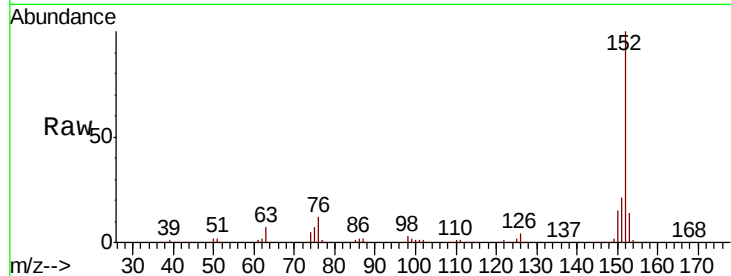
152 100

151 21.1 16.8 25.2

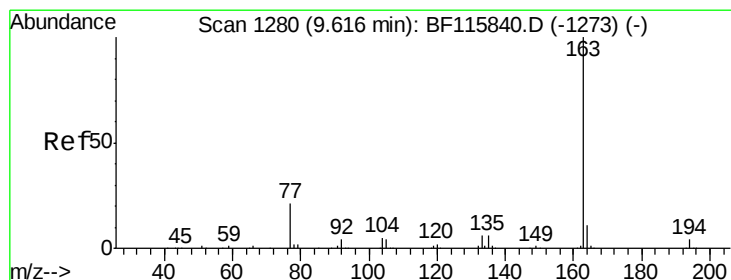
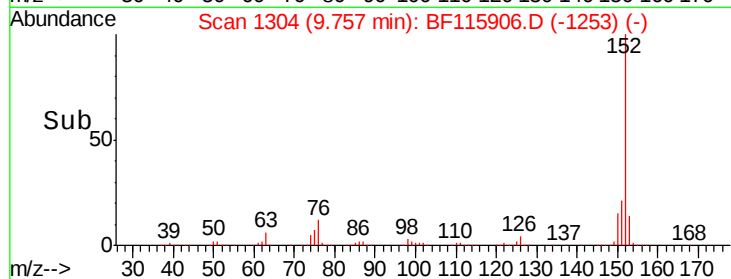
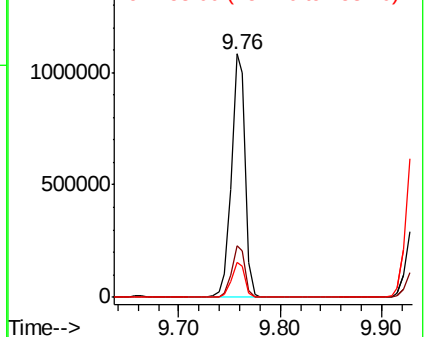
153 14.4 11.6 17.4

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



#50

Dimethylphthalate

Concen: 52.013 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

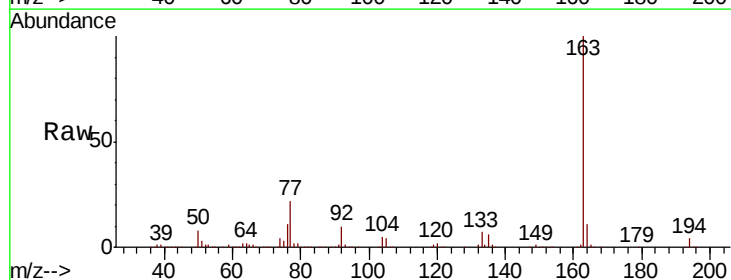
Tgt Ion:163 Resp: 954714

Ion Ratio Lower Upper

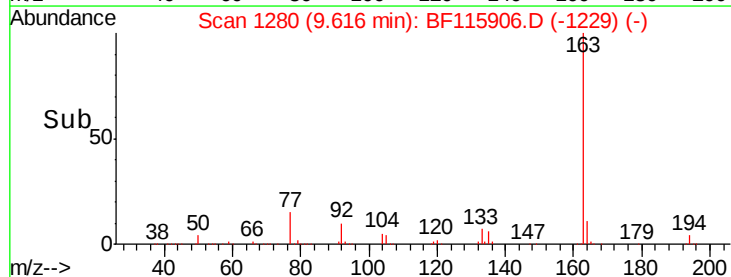
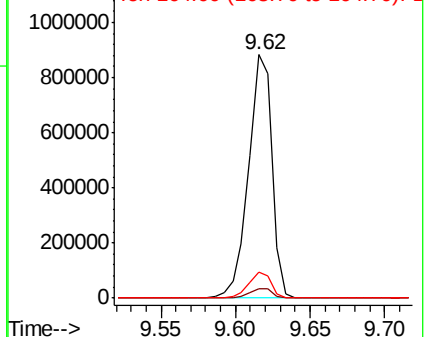
163 100

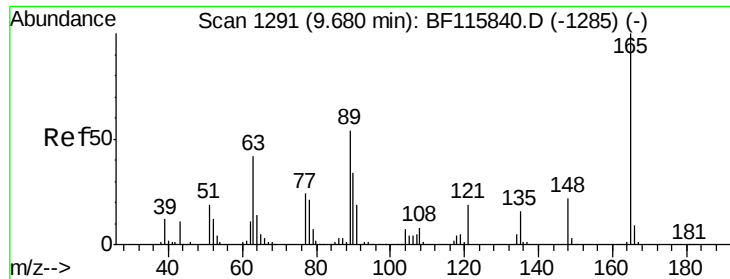
194 3.9 3.0 4.6

164 10.8 8.4 12.6



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





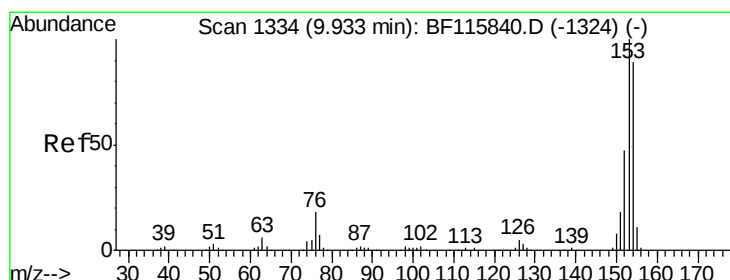
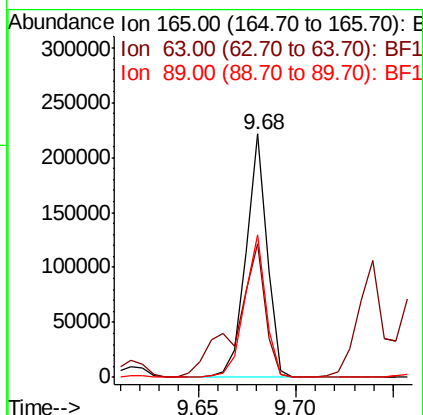
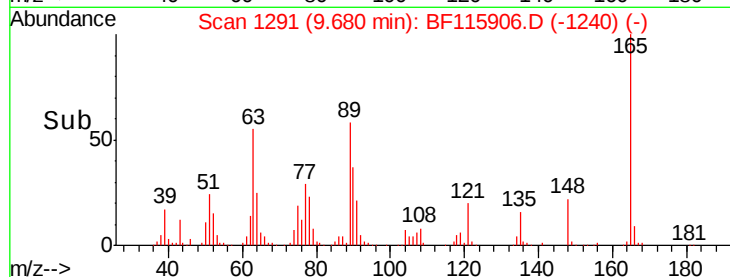
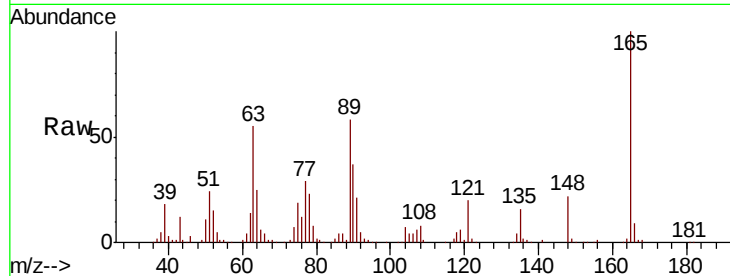
#51
 2,6-Dinitrotoluene
 Concen: 41.564 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampled :
 TP-1-AMS

Tot Ion:	165	Resp:	165794
Ion Ratio	Lower	Upper	
165	100		
63	54.6	39.4	59.2
89	58.4	43.0	64.6

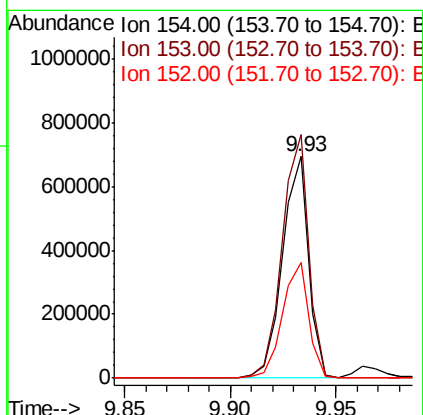
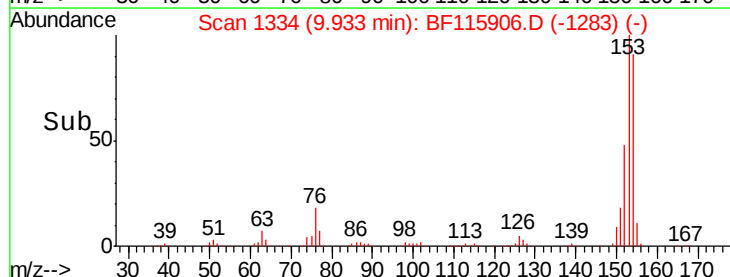
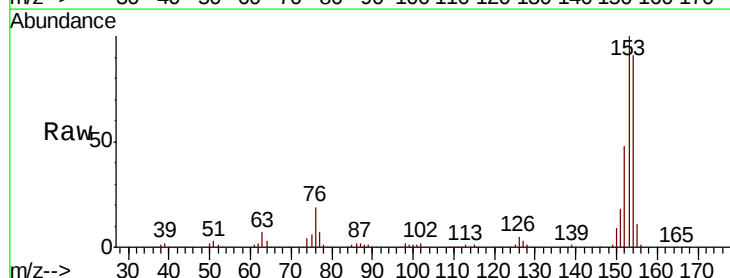
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#52
 Acenaphthene
 Concen: 42.296 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion:	154	Resp:	599654
Ion Ratio	Lower	Upper	
154	100		
153	110.0	90.1	135.1
152	52.5	42.6	63.8





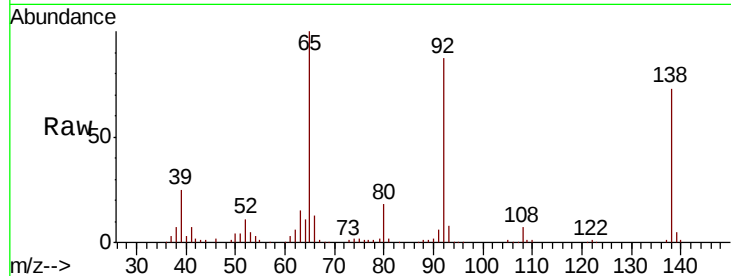
#53
3-Nitroaniline
Concen: 16.914 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.2
92	118.3	83.9	125.9

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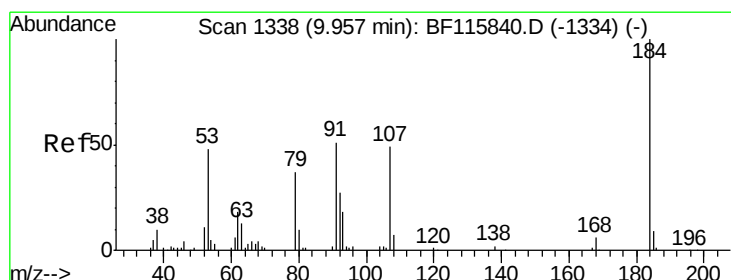
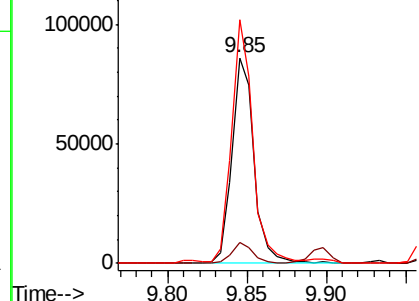
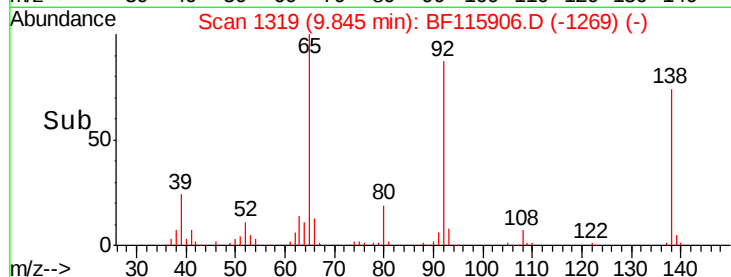


Abundance

Ion 138.00 (137.70 to 138.70): E

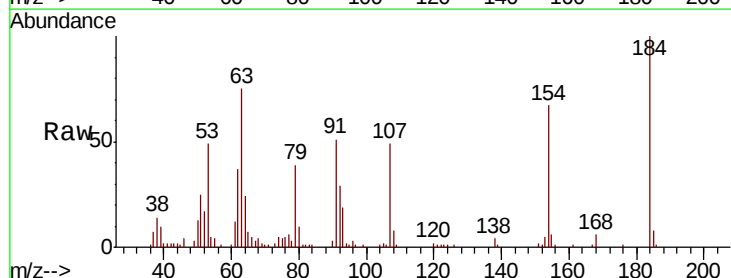
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 34.640 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.1	56.7	85.1
154	66.7	51.9	77.9

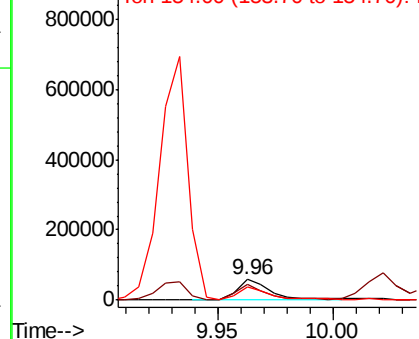
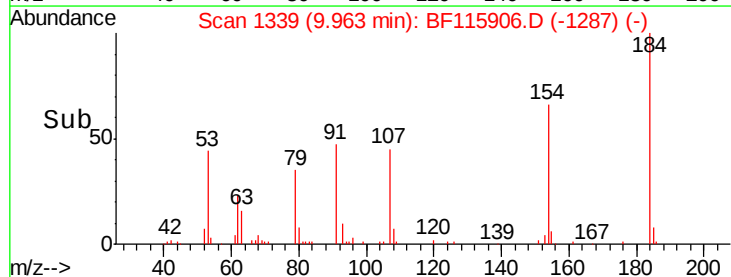


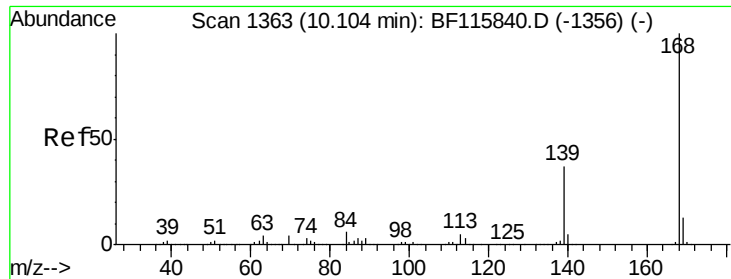
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





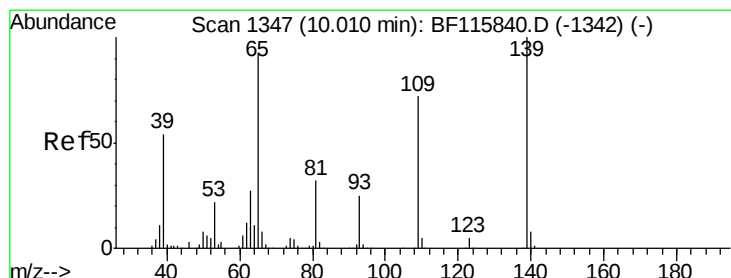
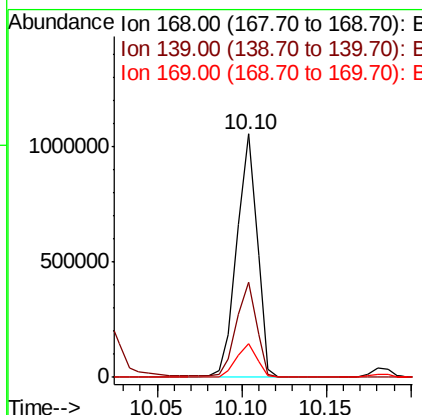
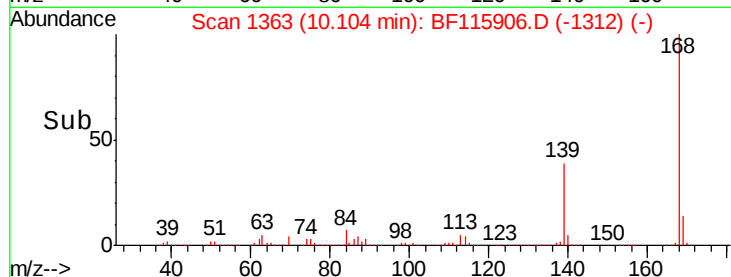
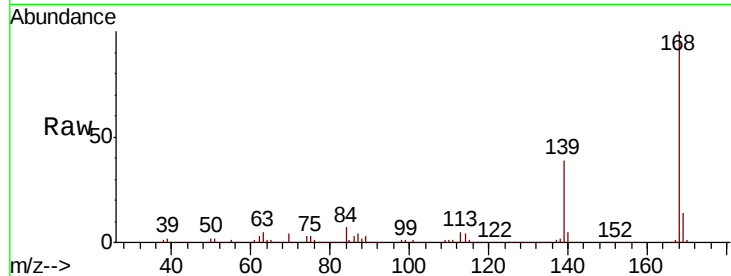
#55
Dibenzenofuran
Concen: 43.106 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampled :
TP-1-AMS

Tot Ion:	168	Resp:	888747
Ion Ratio	Lower	Upper	
168	100		
139	38.9	30.2	45.2
169	13.8	10.8	16.2

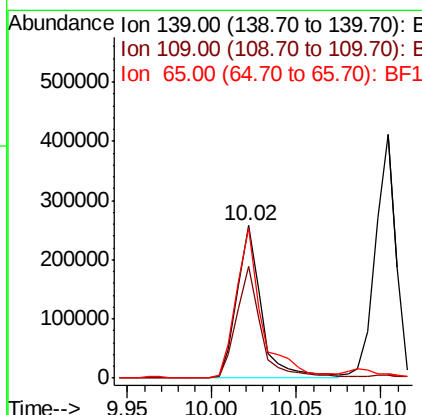
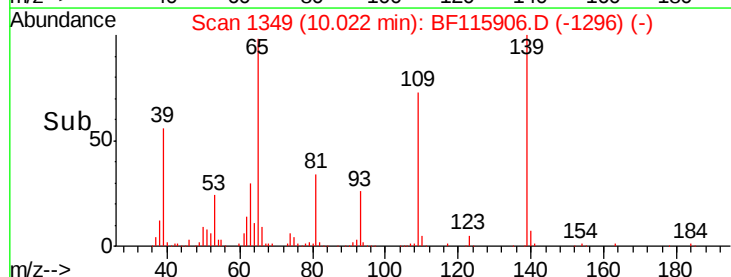
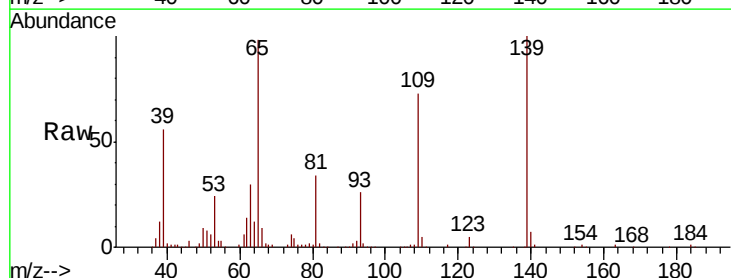
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#56
4-Nitrophenol
Concen: 82.604 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:	139	Resp:	260812
Ion Ratio	Lower	Upper	
139	100		
109	73.2	52.0	92.0
65	98.2	72.6	112.6





#57

2,4-Dinitrotoluene

Concen: 40.908 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

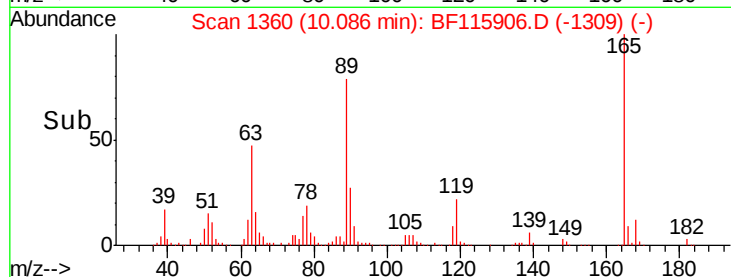
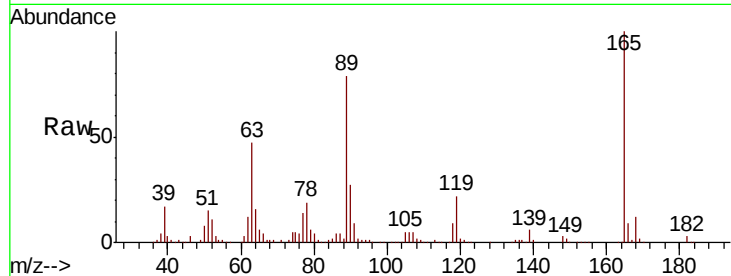
ClientSampleId :

TP-1-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	217259		
63	47.3		33.2	49.8
89	79.0		57.3	85.9
182	2.6		2.1	3.1

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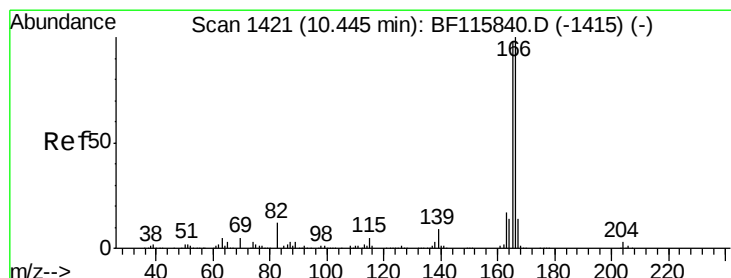
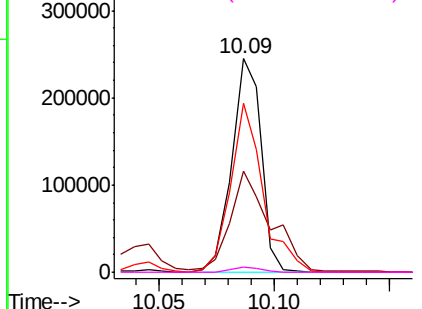


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 42.404 ng

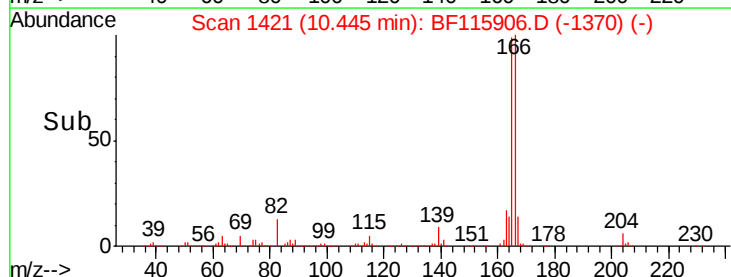
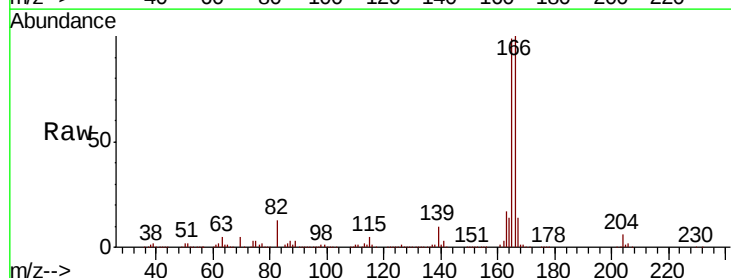
RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

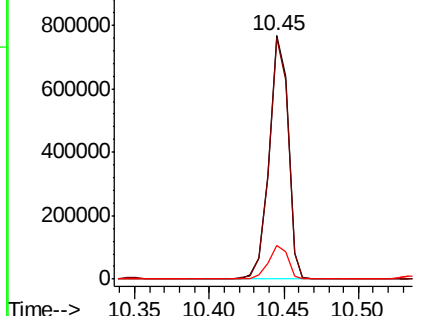
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	672648		
165	99.2		78.6	118.0
167	13.8		10.9	16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





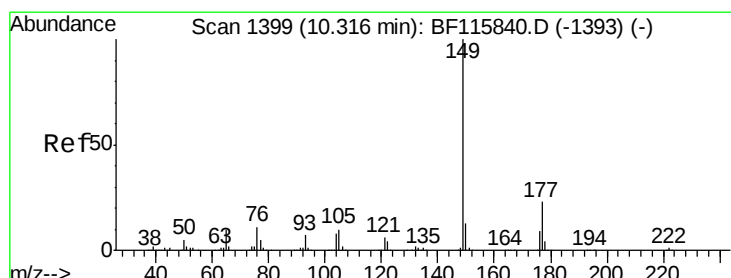
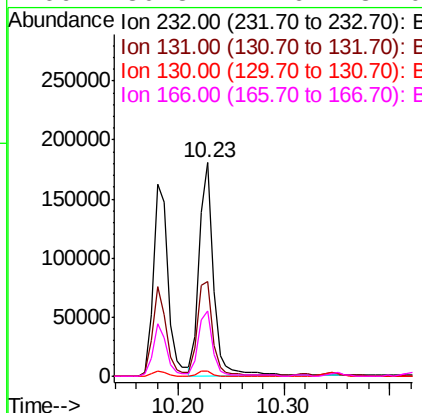
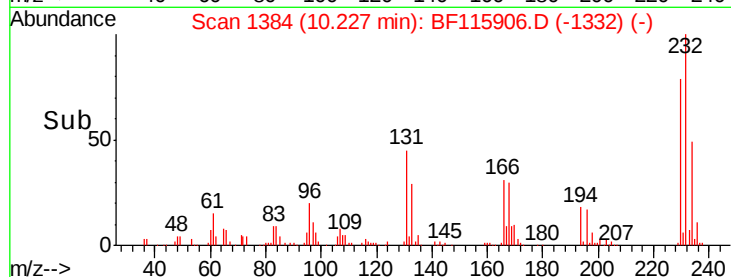
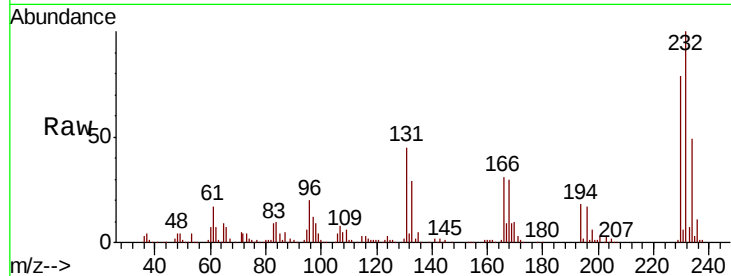
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.669 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		166822		
131	47.5	37.6	56.4		
130	2.4	1.8	2.8		
166	30.8	24.6	37.0		

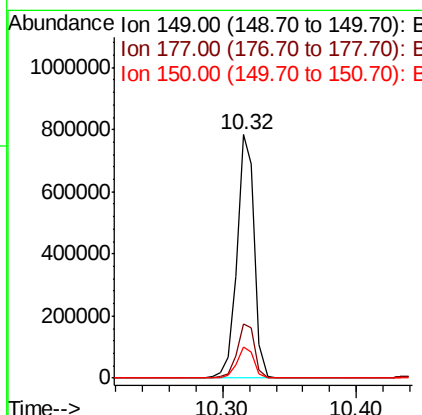
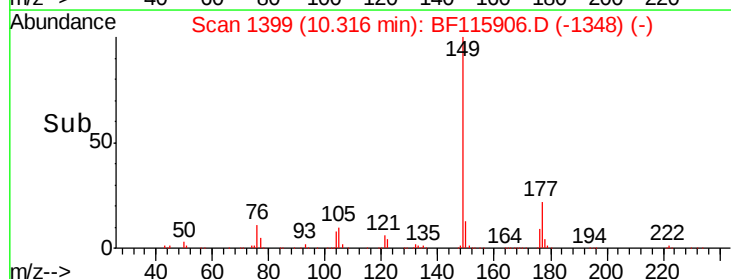
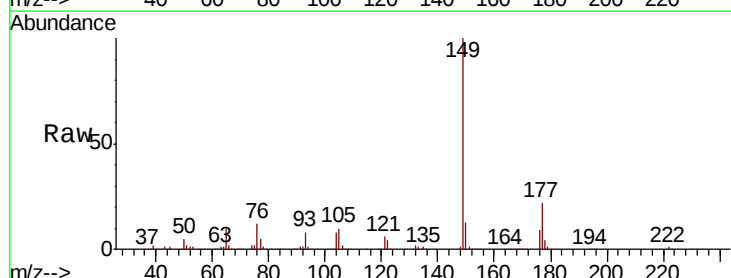
Manual Integrations
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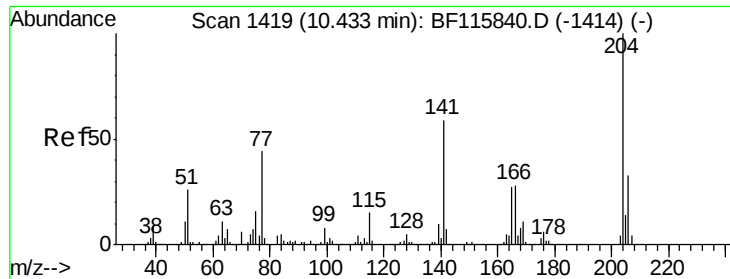
mohammad
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#60
 Diethylphthalate
 Concen: 41.475 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		710755		
177	22.2	18.4	27.6		
150	12.8	10.1	15.1		





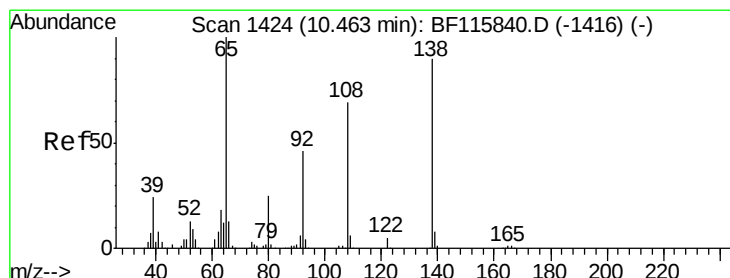
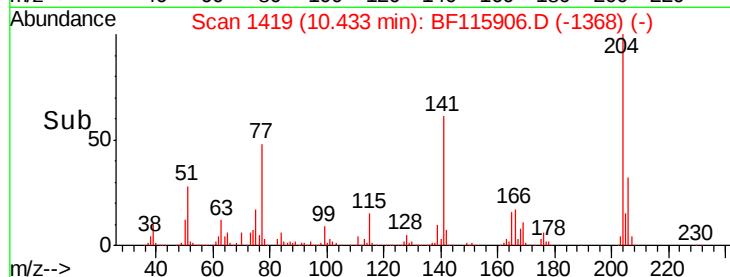
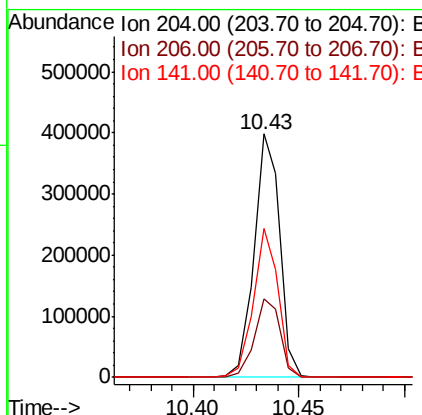
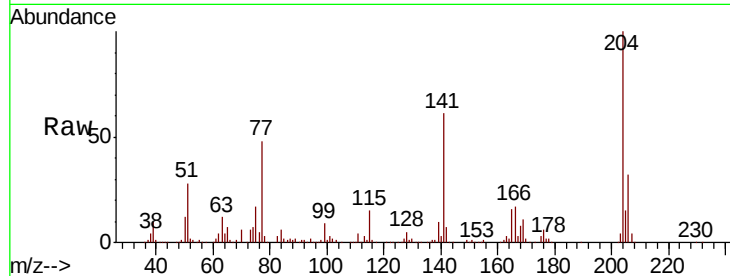
#61
4-Chlorophenyl-phenylether
Concen: 41.668 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampled :
TP-1-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.4	39.6
141	60.9	47.0	70.4

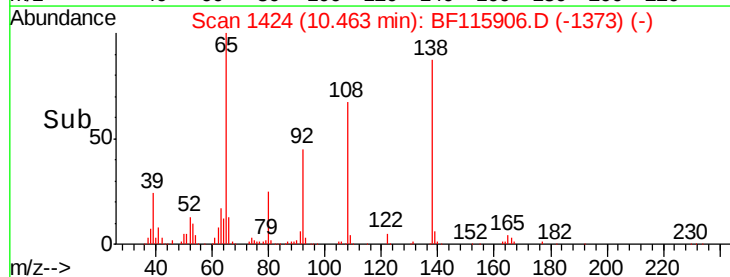
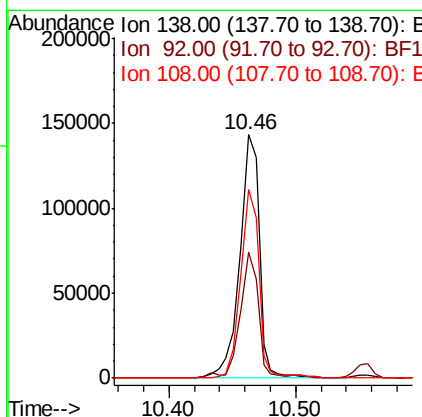
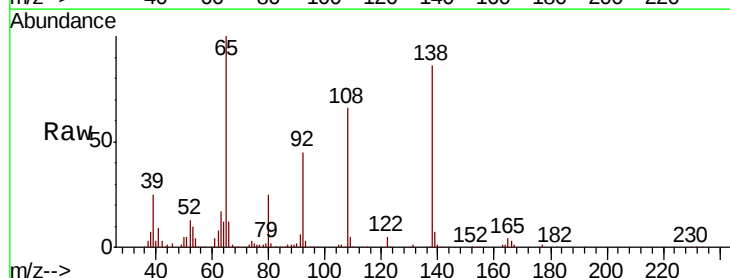
Manual Integrations
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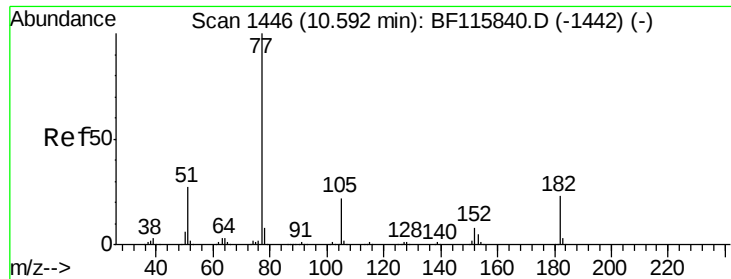
mohammad
8/5/2019 1:48:03 PM



#62
4-Nitroaniline
Concen: 30.143 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	31.0	71.0
108	77.2	56.7	96.7





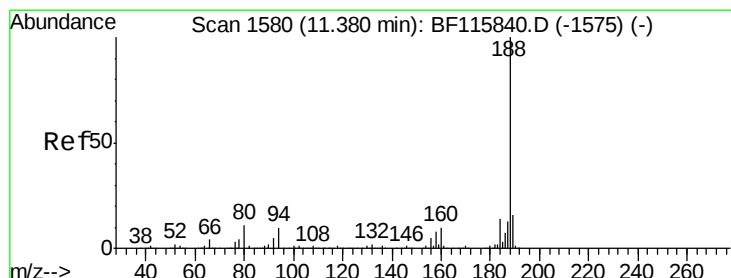
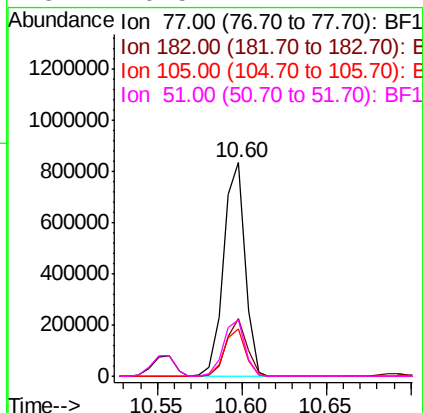
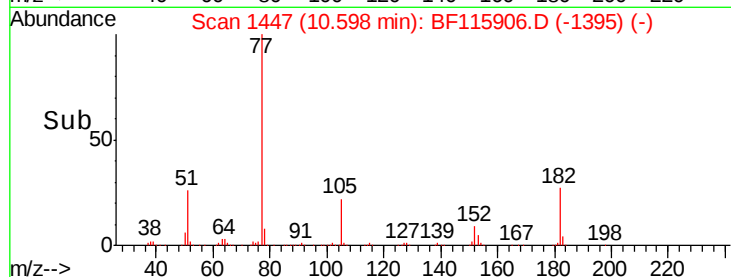
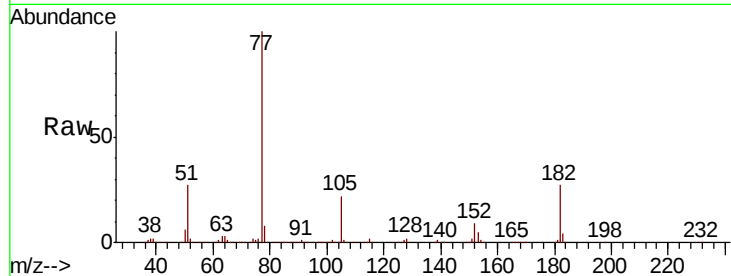
#63
Azobenzene
Concen: 41.663 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.1	2.6	42.6
105	22.2	1.6	41.6
51	26.5	7.4	47.4

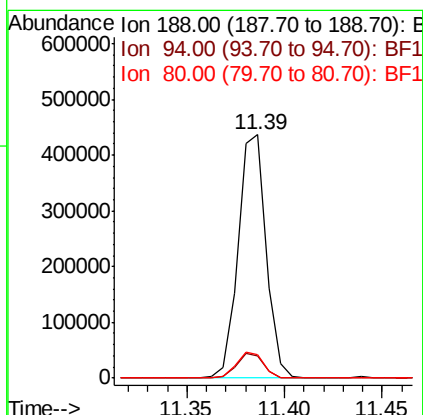
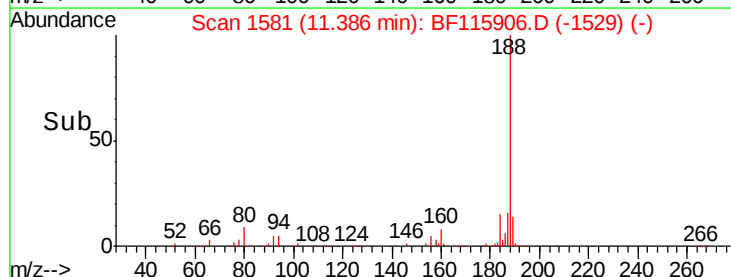
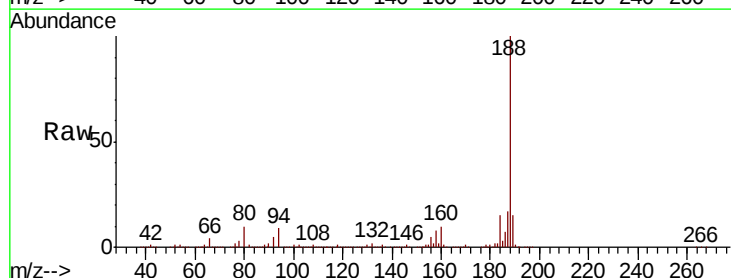
Manual Integrations
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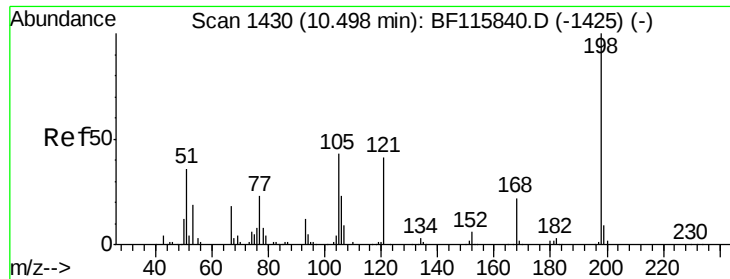
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.7	8.6	12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 23.797 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampled :

TP-1-AMS

Tot Ion:198 Resp: 54411

Ion Ratio Lower Upper

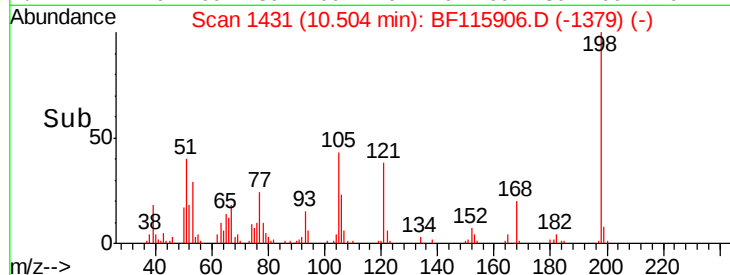
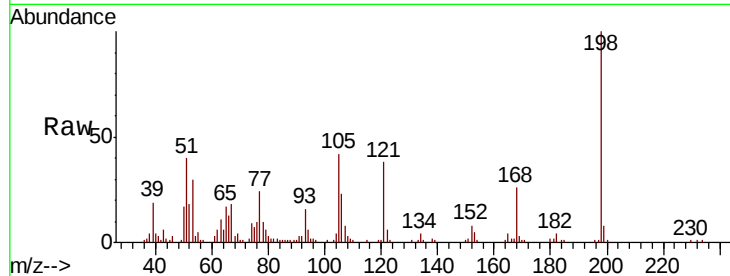
198 100

51 40.3 21.1 61.1

105 42.1 24.5 64.5

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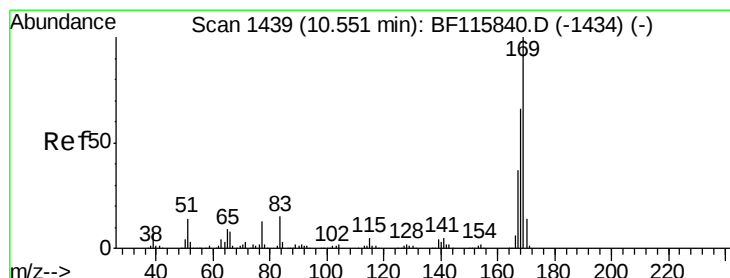
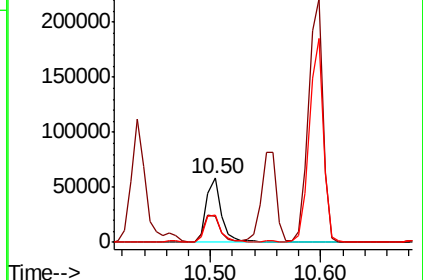
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.954 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

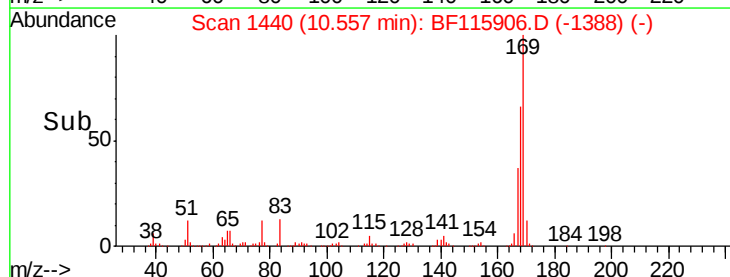
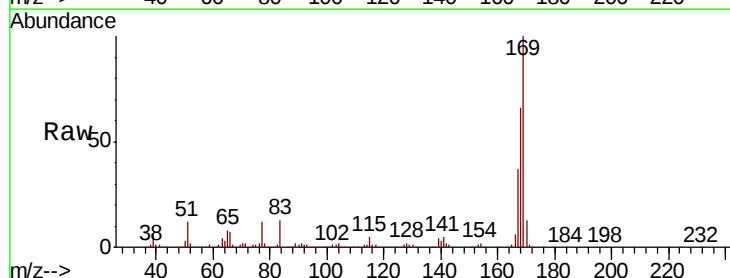
Tgt Ion:169 Resp: 596796

Ion Ratio Lower Upper

169 100

168 66.5 53.0 79.6

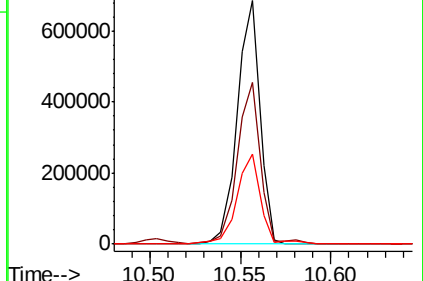
167 36.7 29.9 44.9

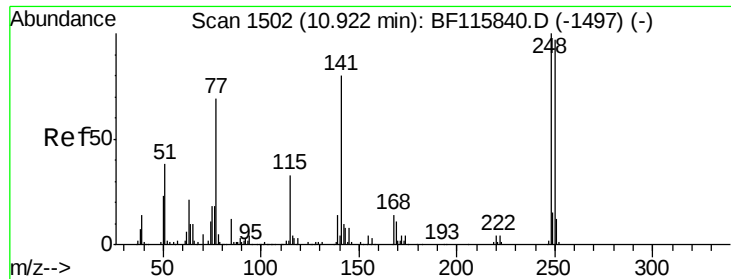


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





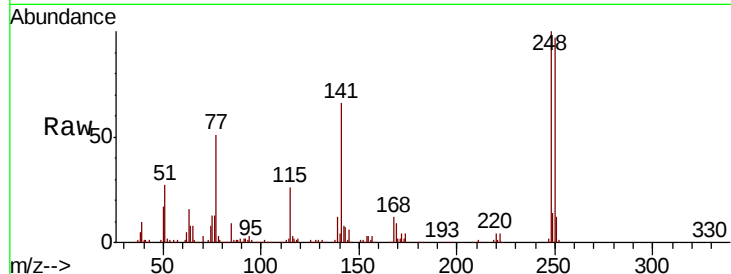
#67
4-Bromophenyl-phenylether
Concen: 43.234 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.6
141	65.6	64.3	96.5

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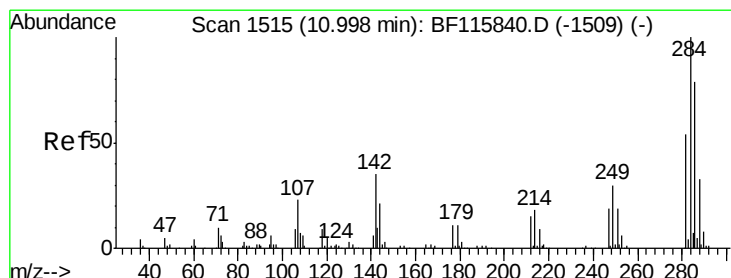
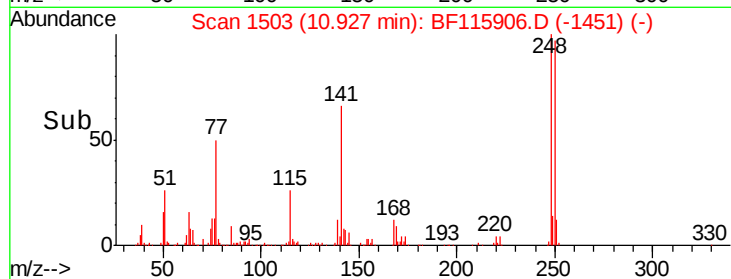
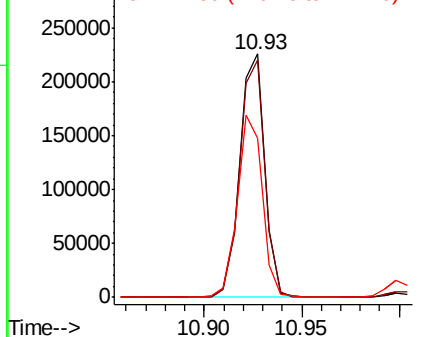


Abundance

Ion 248.00 (247.70 to 248.70): E

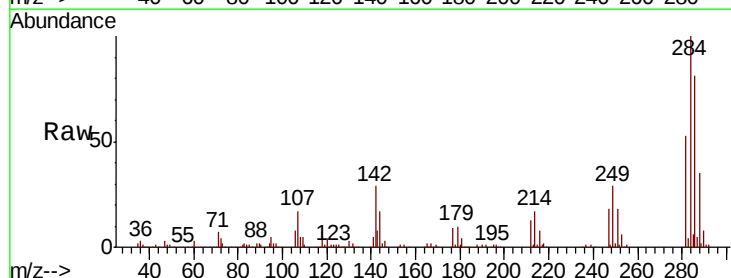
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.039 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	28.2	42.2
249	29.2	24.0	36.0

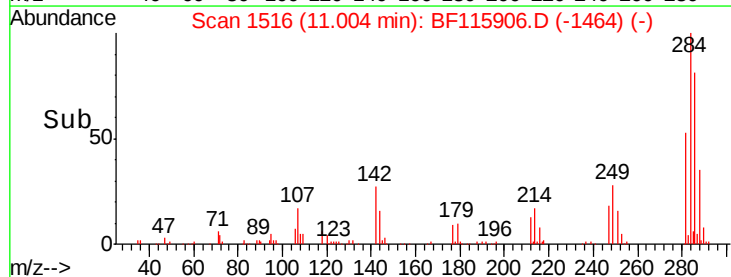
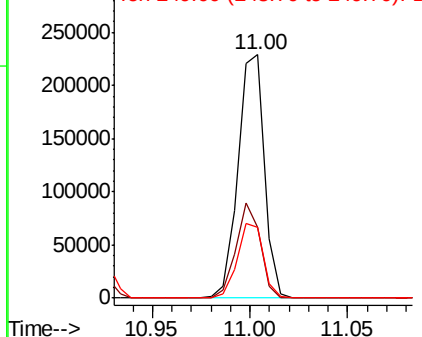


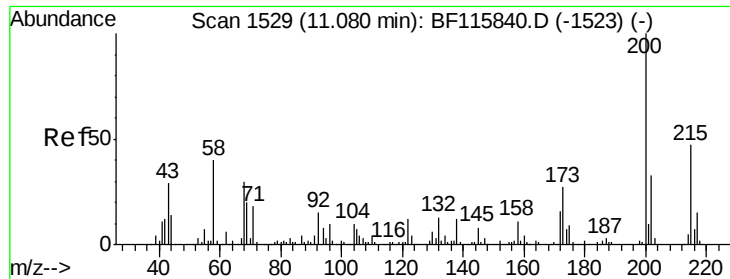
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





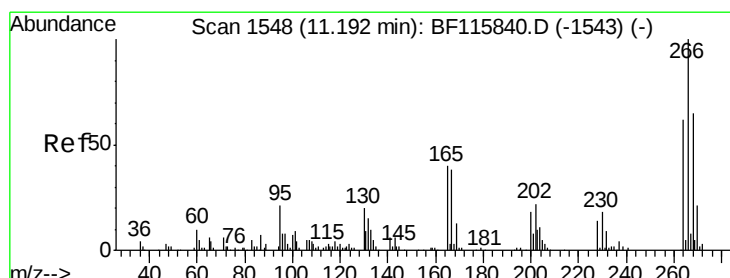
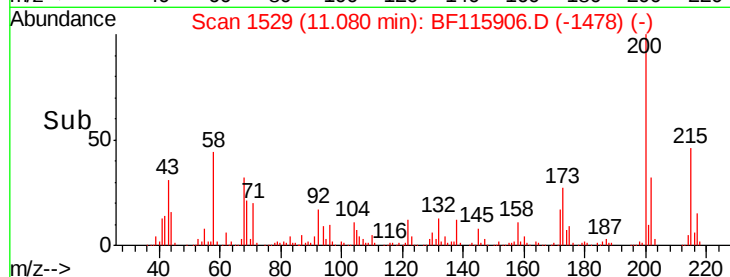
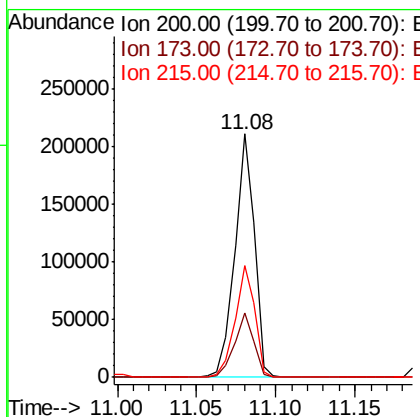
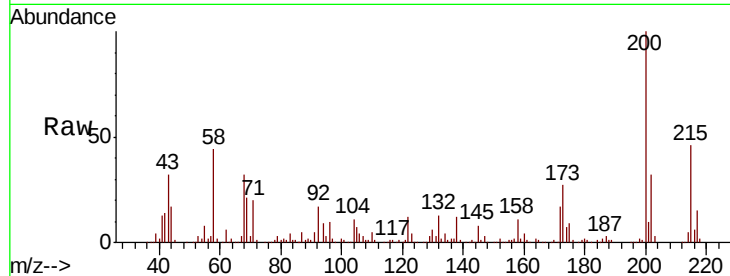
#69
Atrazine
Concen: 42.570 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	7.3	47.3
215	46.1	26.9	66.9

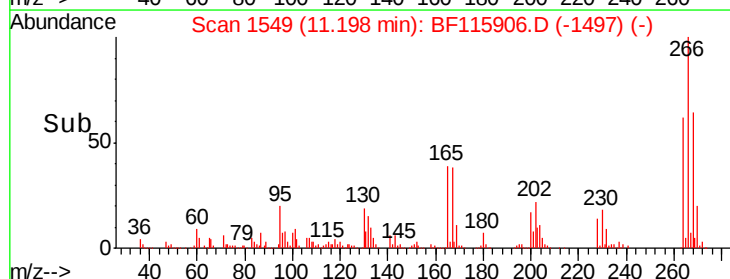
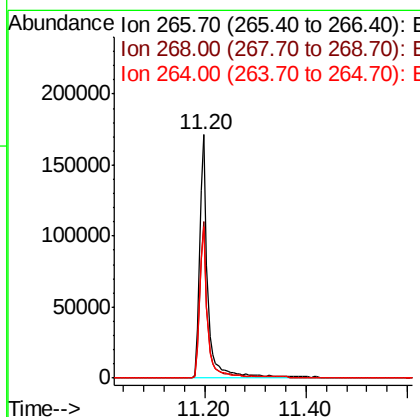
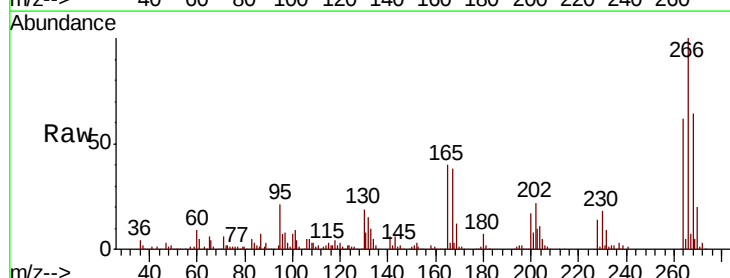
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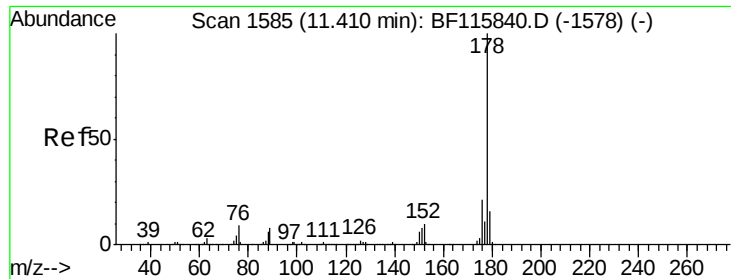
mohammad
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#70
Pentachlorophenol
Concen: 75.571 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.4	51.6	77.4
264	62.4	49.4	74.0





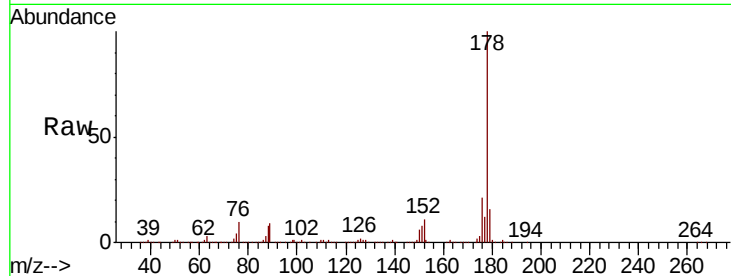
#71
Phenanthrene
Concen: 58.766 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.5	24.7
179	16.2	12.6	18.8

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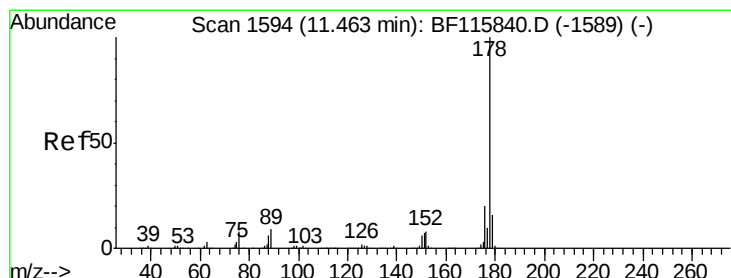
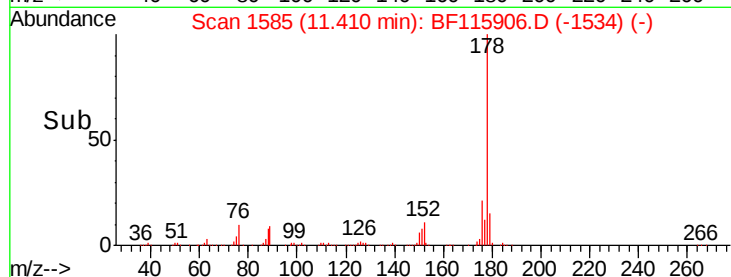
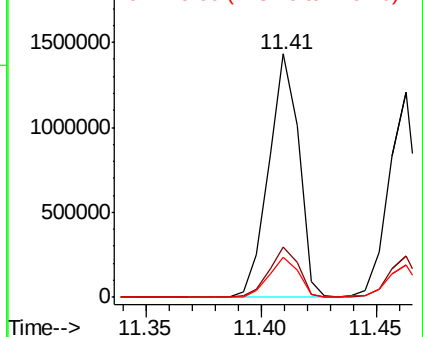


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 45.914 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

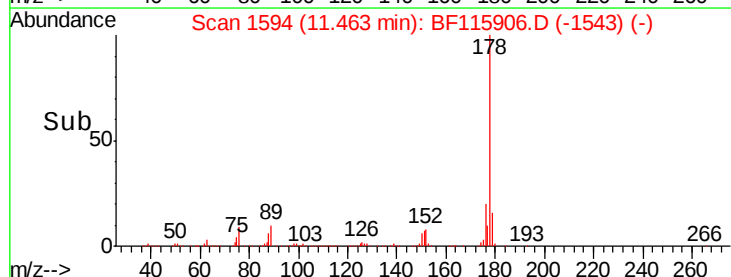
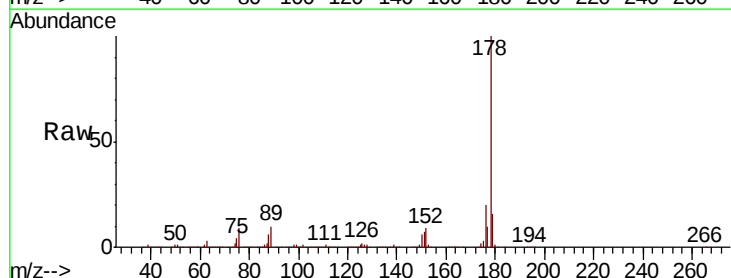
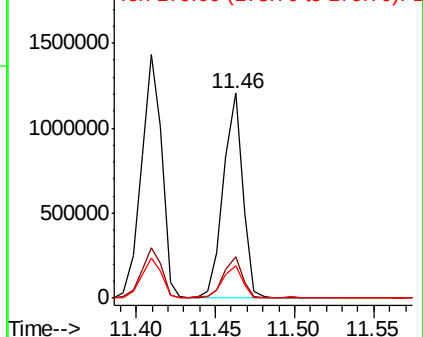
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.0	12.4	18.6

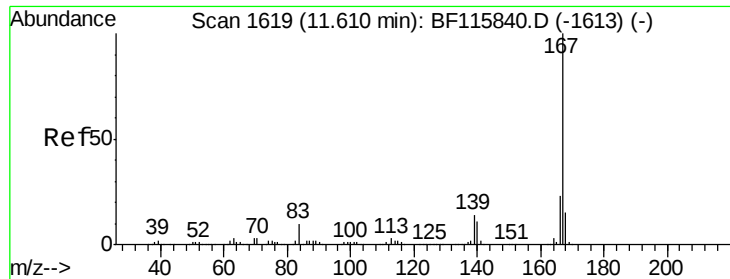
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





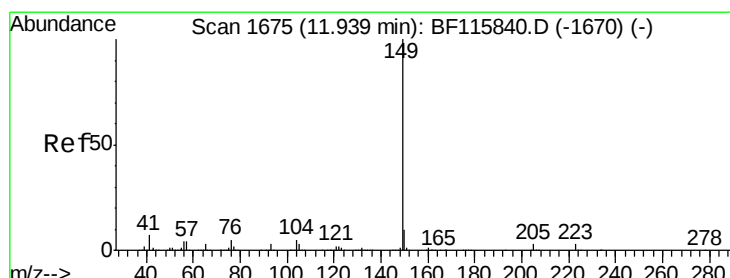
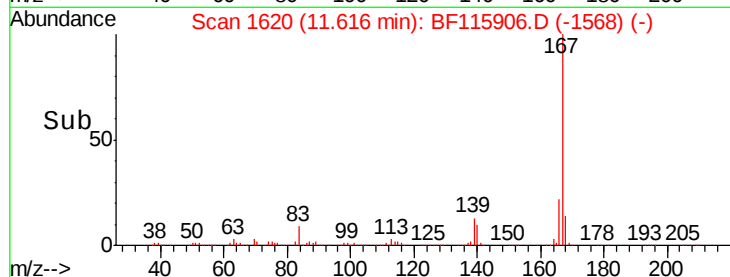
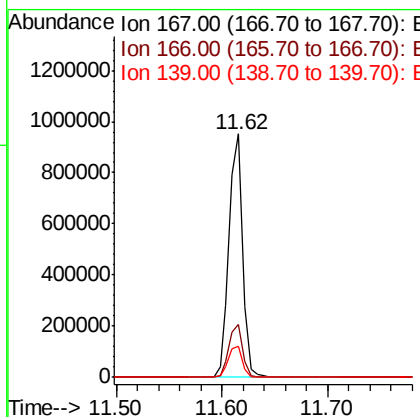
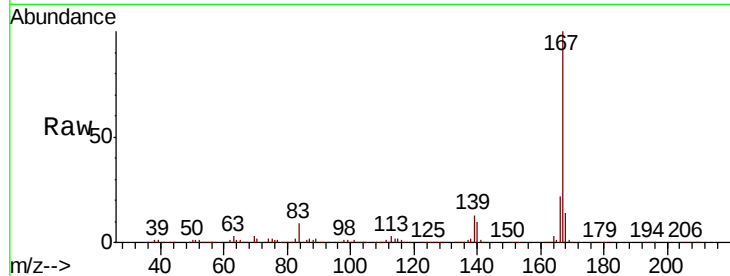
#73
 Carbazole
 Concen: 42.008 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	13.0	11.4	17.2

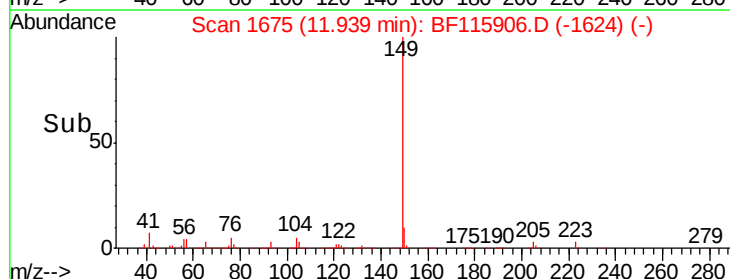
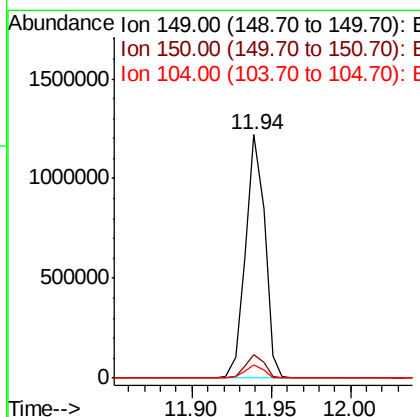
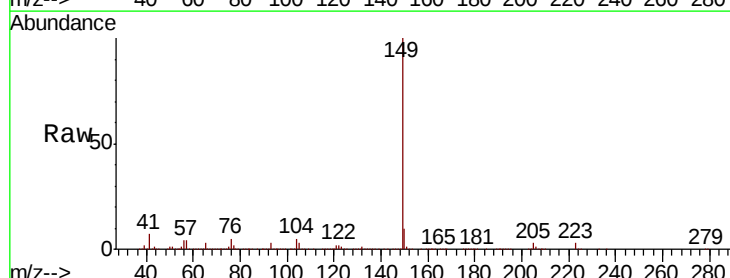
Manual Integrations
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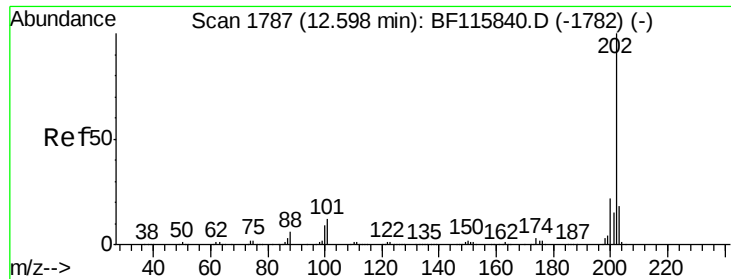
mohammad
 8/5/2019 1:48:03 PM



#74
 Di-n-butylphthalate
 Concen: 43.517 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 63.799 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

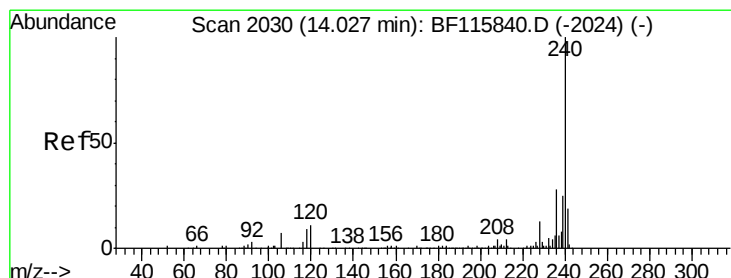
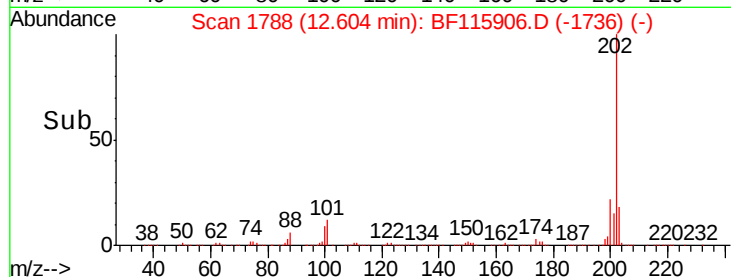
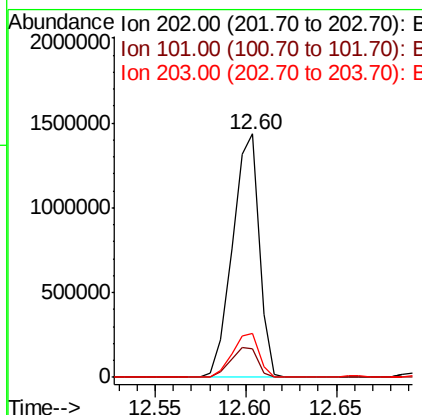
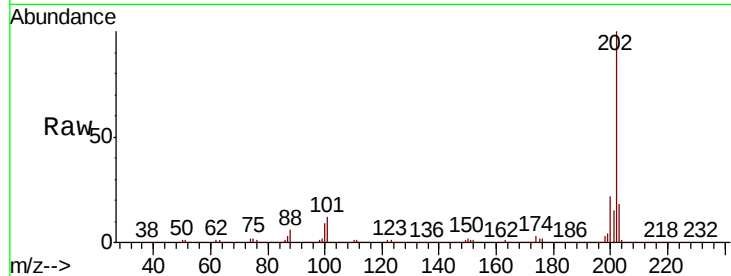
ClientSampleId :

TP-1-AMS

Tot Ion:	202	Resp:	1473234
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.5
203	18.1	0.0	37.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

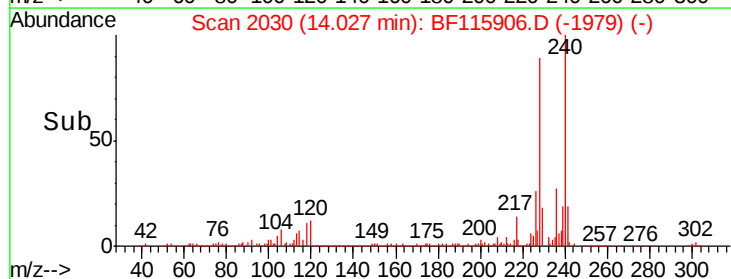
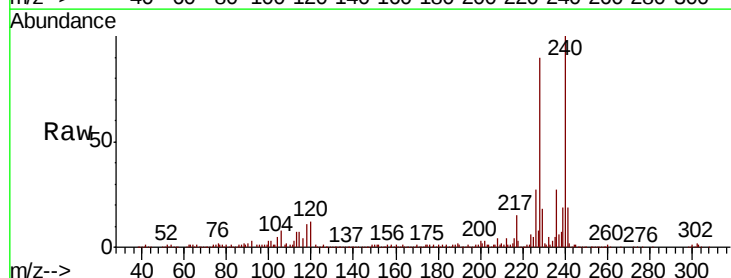
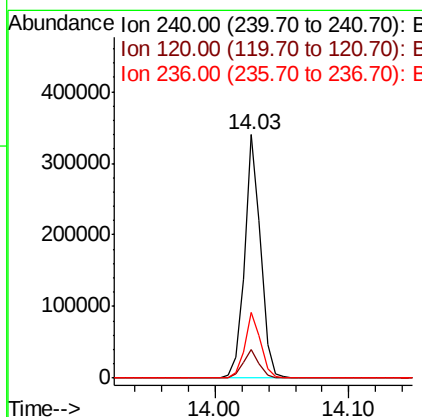
RT: 14.03 min Scan# 2030

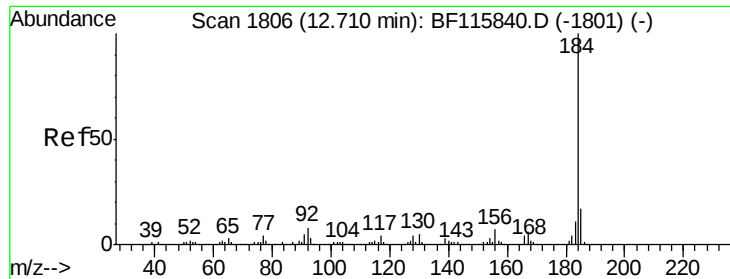
Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Tgt Ion:	240	Resp:	280939
Ion	Ratio	Lower	Upper
240	100		
120	11.8	8.5	12.7
236	27.0	22.2	33.2





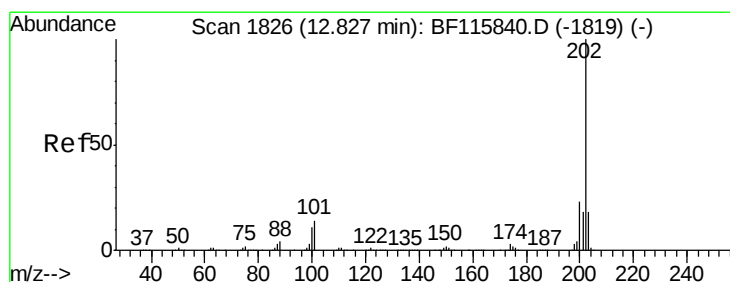
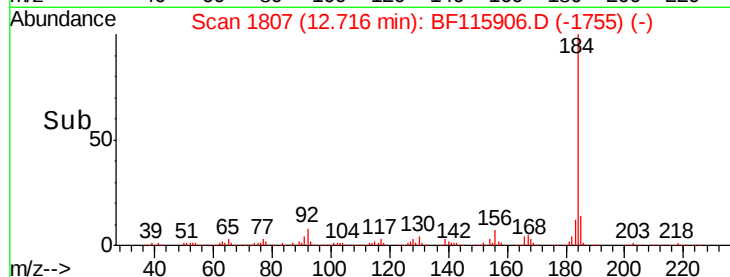
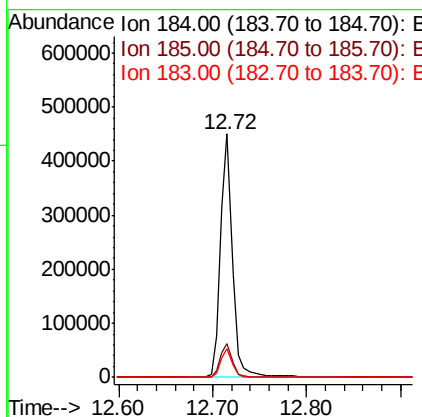
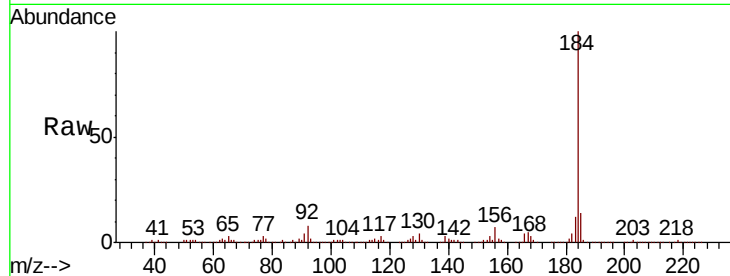
#77
Benzidine
Concen: 42.515 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampleId :
TP-1-AMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	403520		
185	14.0		13.4	20.2
183	11.7		9.1	13.7

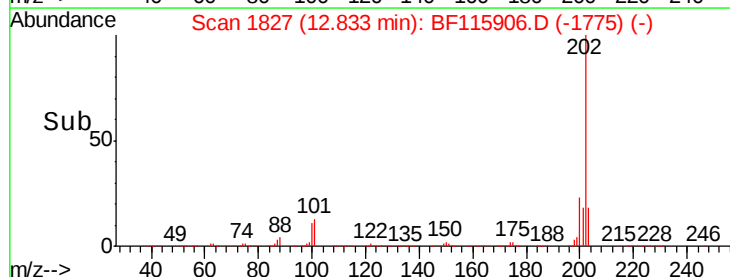
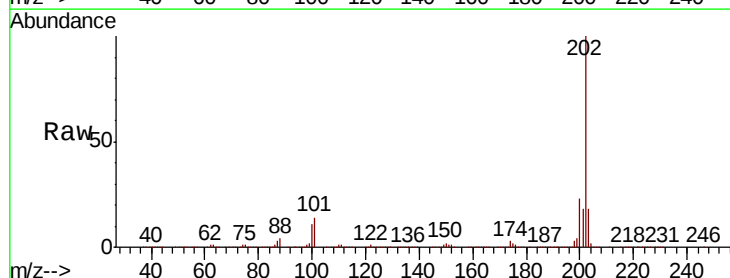
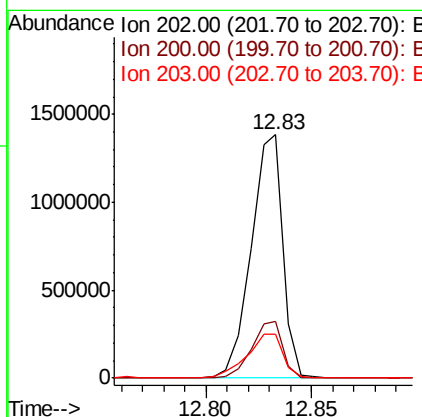
Manual Integrations
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#78
Pyrene
Concen: 67.897 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1437899		
200	23.1		18.2	27.2
203	18.3		14.3	21.5





#79

Terphenyl-d14

Concen: 93.101 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

ClientSampleId :

TP-1-AMS

Tot Ion:244 Resp: 1241280

Ion Ratio Lower Upper

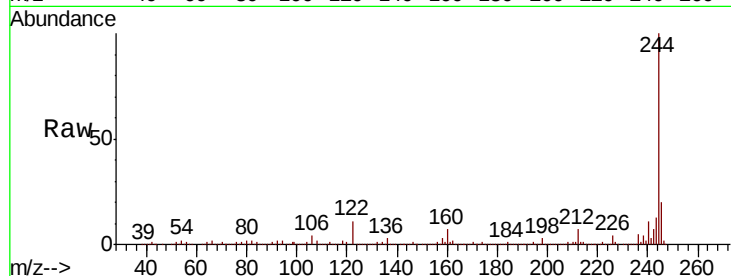
244 100

212 7.1 5.6 8.4

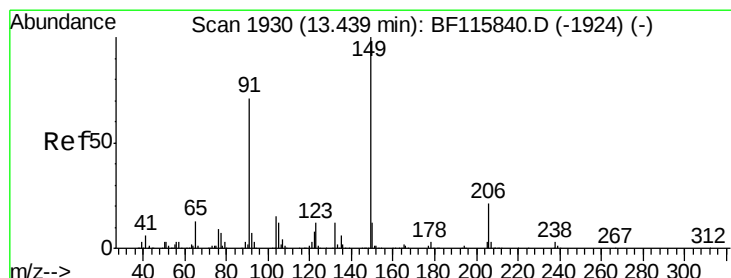
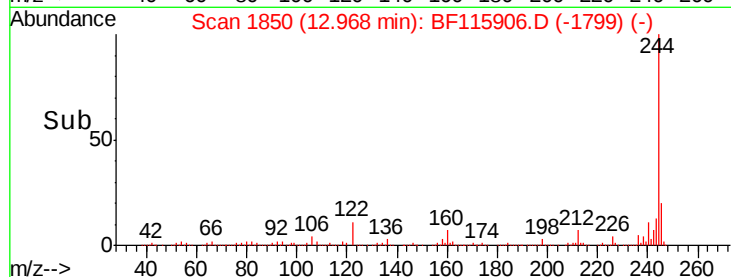
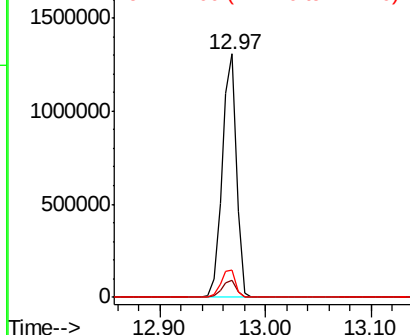
122 11.2 8.6 13.0

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.136 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

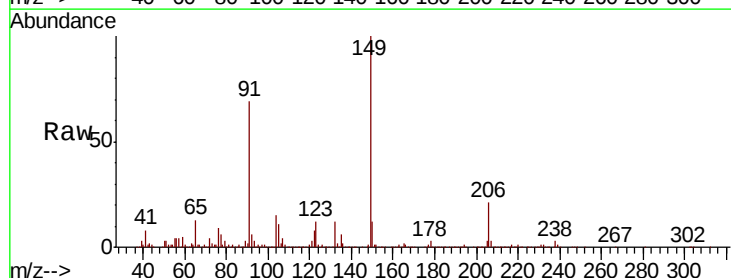
Tgt Ion:149 Resp: 359551

Ion Ratio Lower Upper

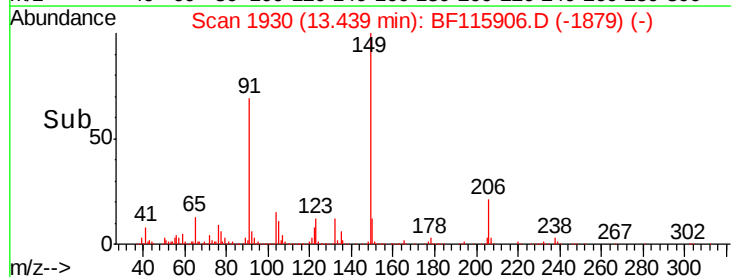
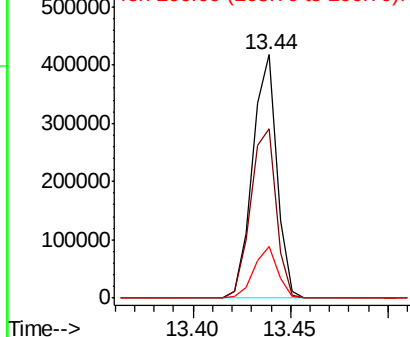
149 100

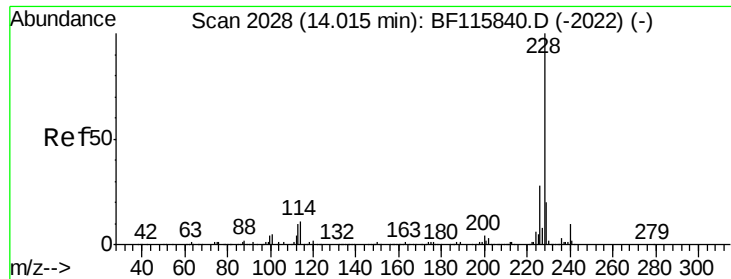
91 69.4 57.0 85.6

206 21.3 16.9 25.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 61.086 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

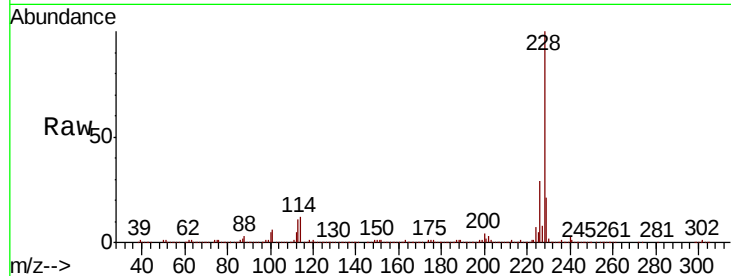
ClientSampled :

TP-1-AMS

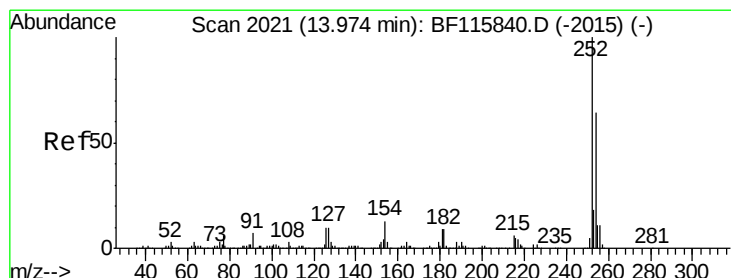
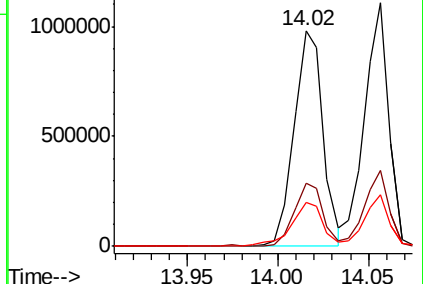
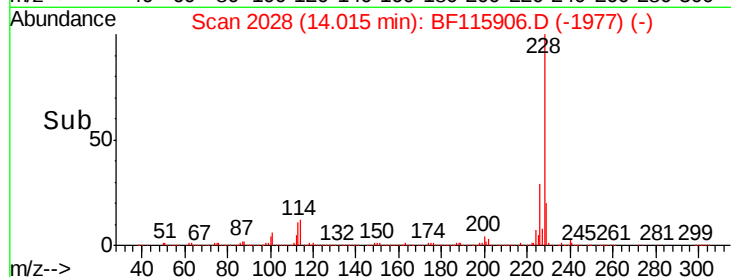
Tot Ion:	228	Resp:	1096891
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.5	33.7
229	20.6	16.1	24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
1500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.938 ng

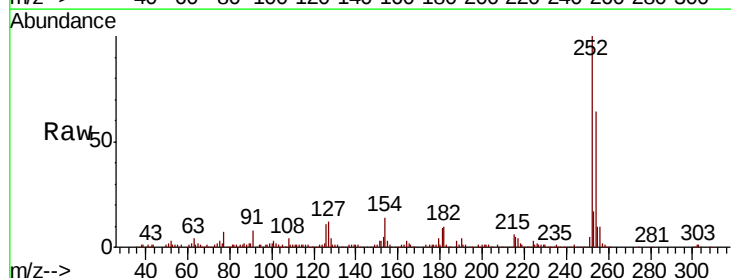
RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

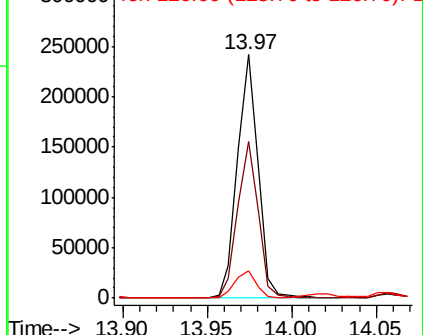
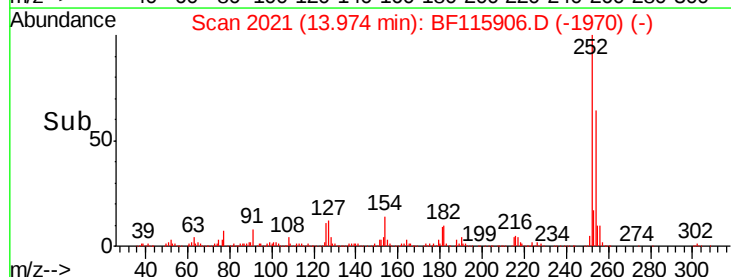
Lab File: BF115906.D

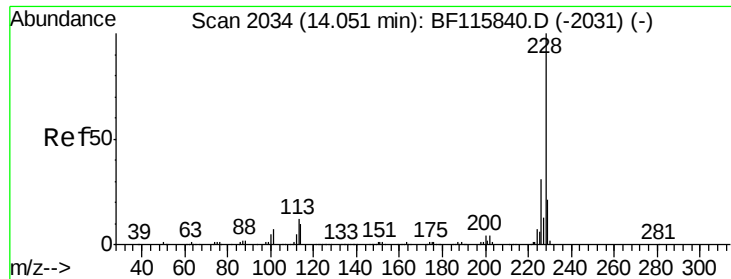
Acq: 1 Aug 2019 14:32

Tgt Ion:	252	Resp:	205485
Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.2	76.8
126	11.4	8.1	12.1



Abundance Ion 252.00 (251.70 to 252.70): E
300000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





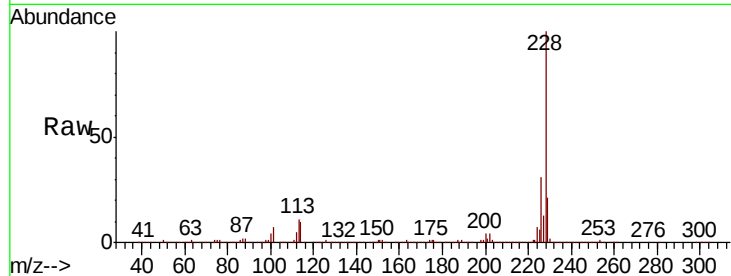
#83
 Chrysene
 Concen: 59.030 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Instrument :
 BNA_F
 ClientSampleID :
 TP-1-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	21.2	16.4	24.6

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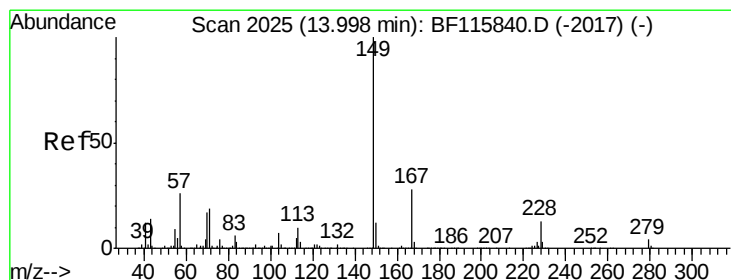
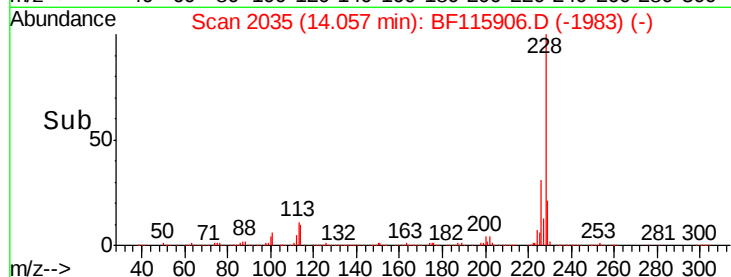
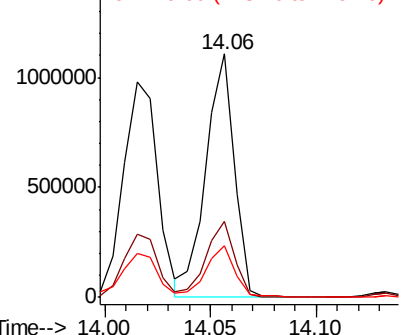


Abundance

Ion 228.00 (227.70 to 228.70): E

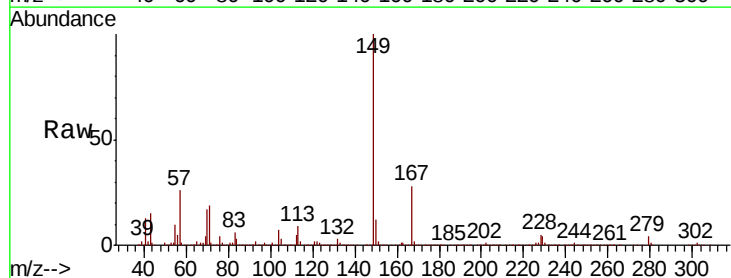
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.966 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115906.D
 Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	3.8	3.3	4.9

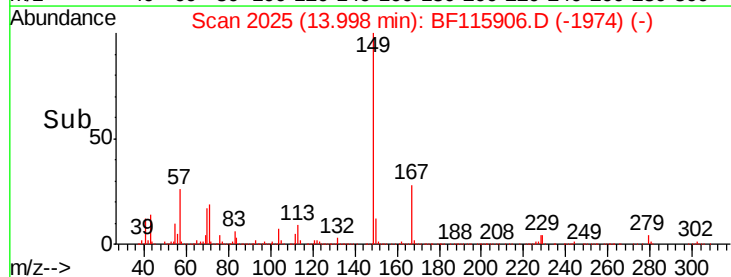
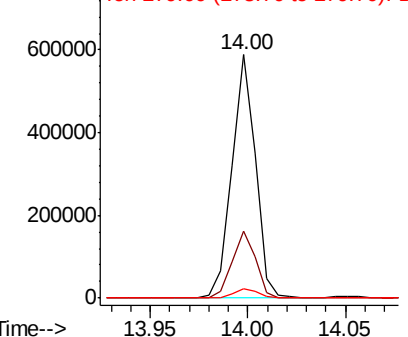


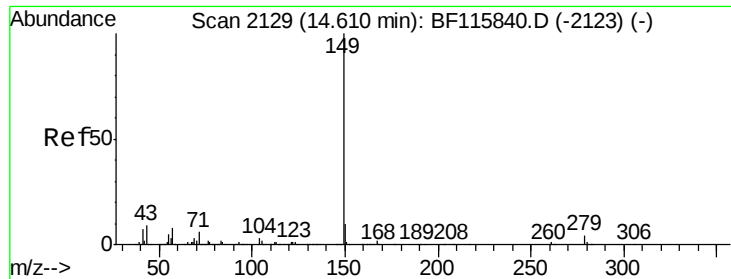
Abundance

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: 44.802 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

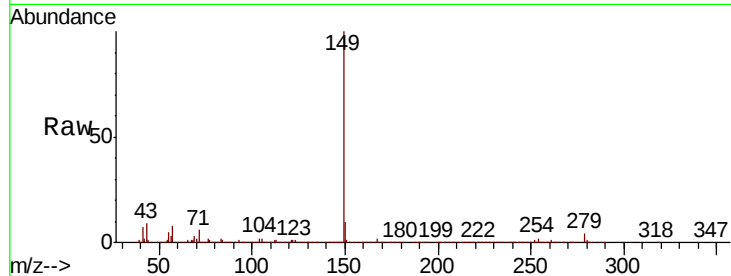
ClientSampleId :

TP-1-AMS

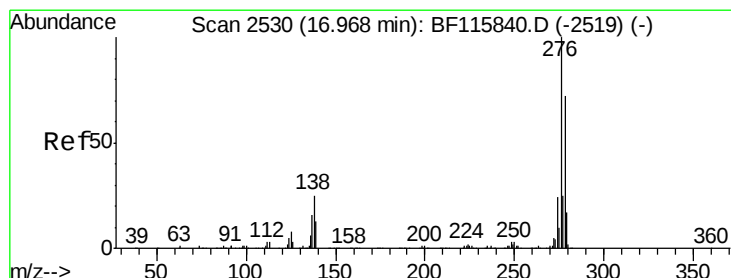
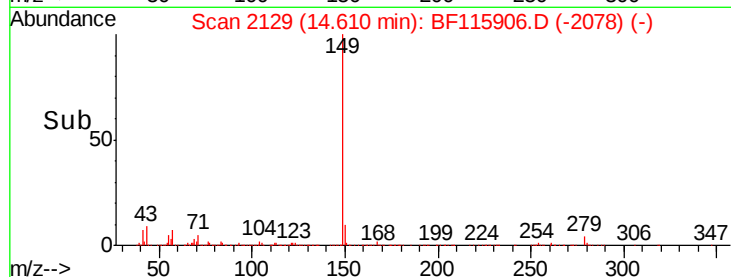
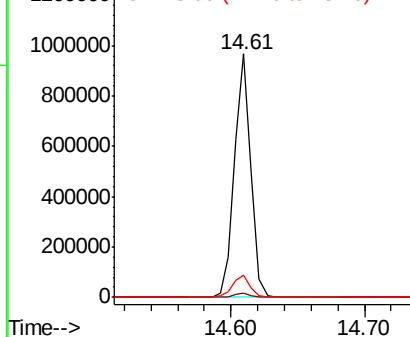
Tot Ion:	149	Resp:	828396
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.0	7.4	11.0

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 61.010 ng

RT: 16.99 min Scan# 2534

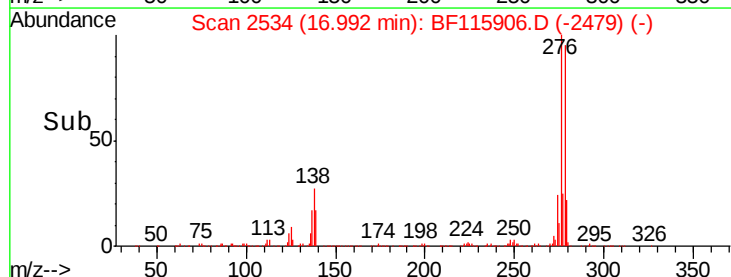
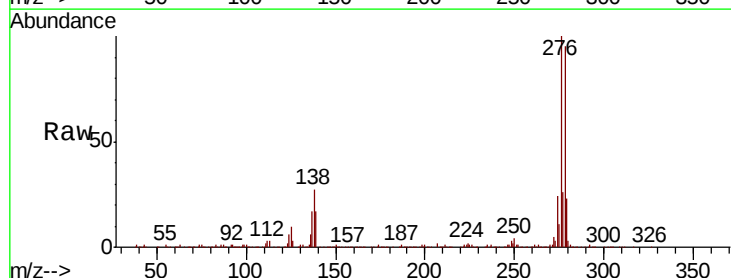
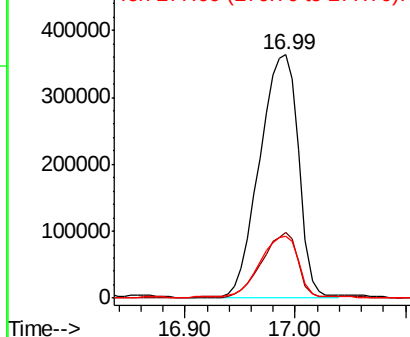
Delta R.T. 0.02 min

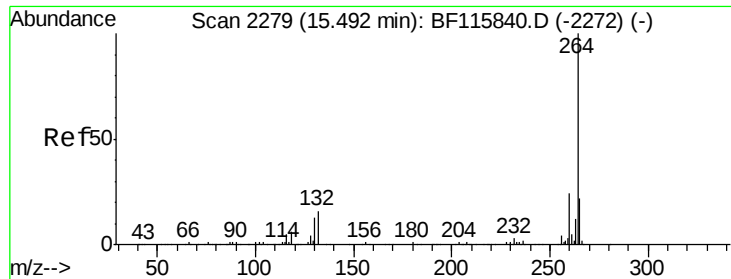
Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Tgt Ion:	276	Resp:	893302
Ion Ratio	Lower	Upper	
276	100		
138	24.8	19.6	29.4
277	25.1	20.1	30.1

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115906.D

Acq: 1 Aug 2019 14:32

Instrument :

BNA_F

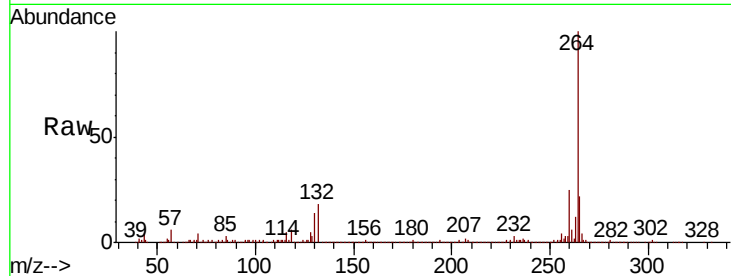
ClientSampleId :

TP-1-AMS

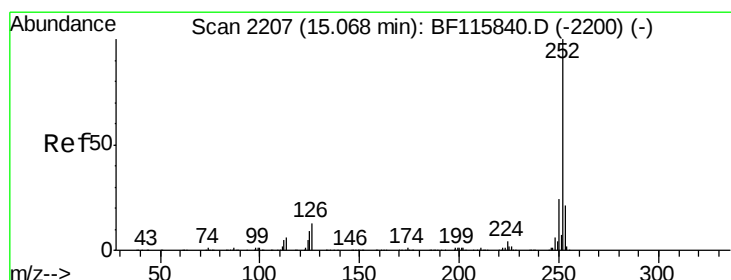
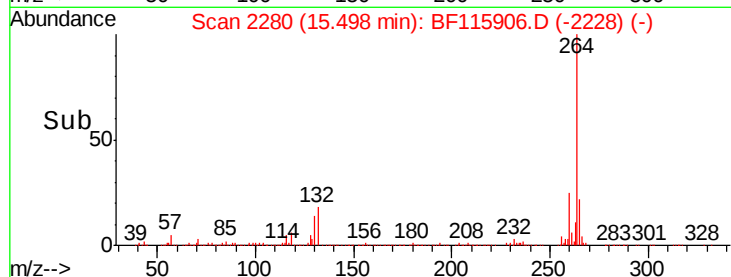
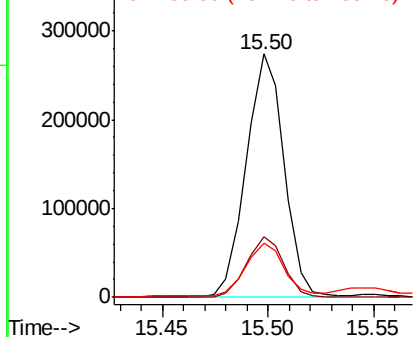
Tot Ion:	264	Resp:	339028
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.4	29.2
265	22.4	17.5	26.3

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



#88

Benzo(b)fluoranthene

Concen: 61.423 ng m

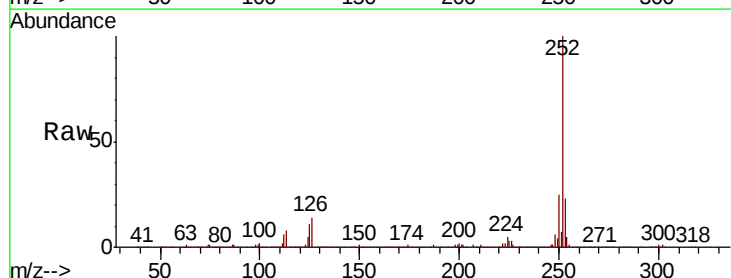
RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

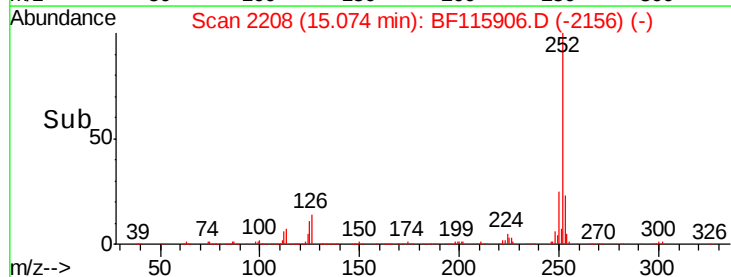
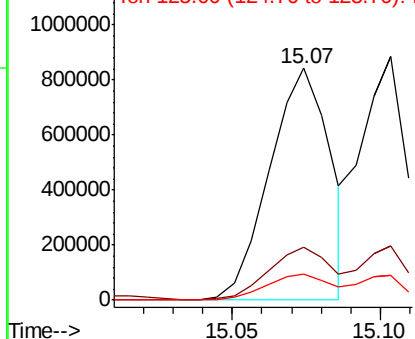
Lab File: BF115906.D

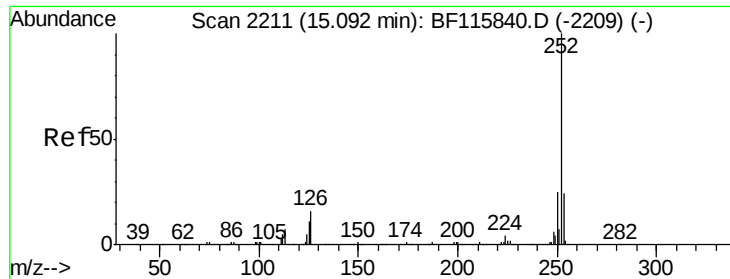
Acq: 1 Aug 2019 14:32

Tgt Ion:	252	Resp:	1204079
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.2	25.8
125	11.1	7.4	11.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





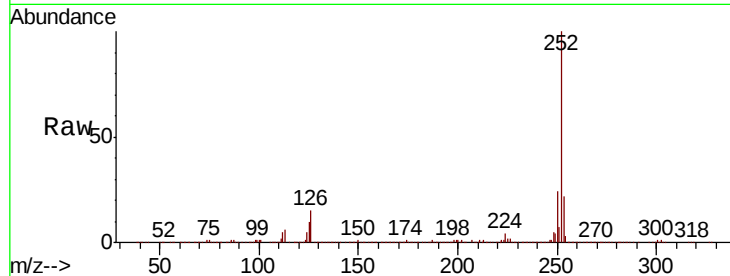
#89
Benzo(k)fluoranthene
Concen: 48.769 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampled :
TP-1-AMS

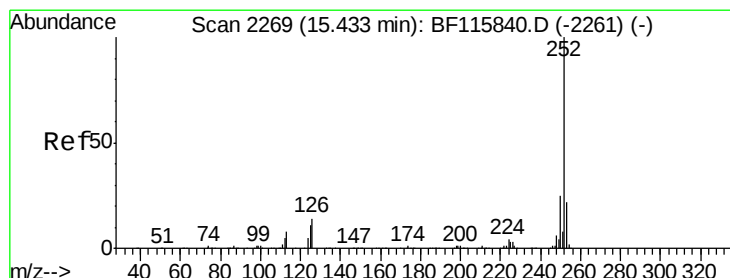
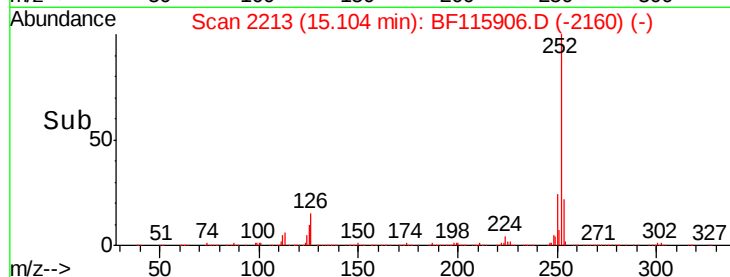
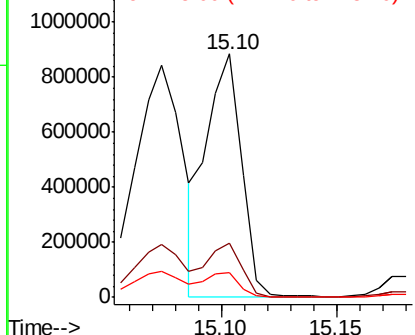
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.2	8.9	13.3

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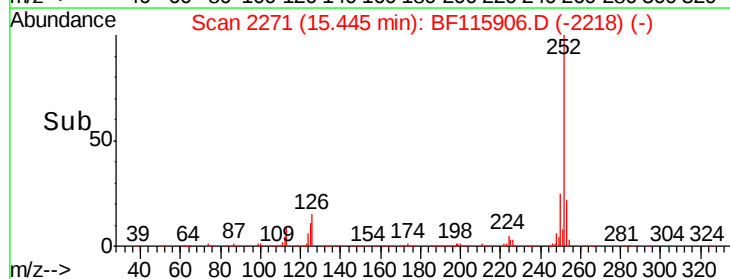
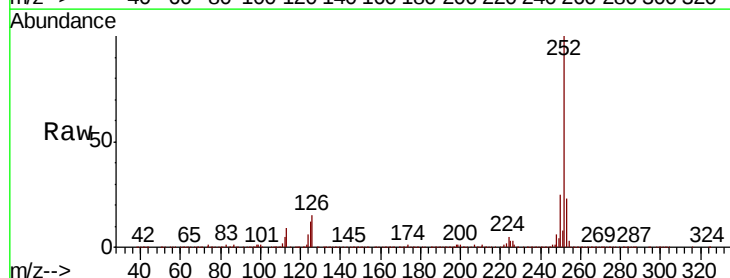
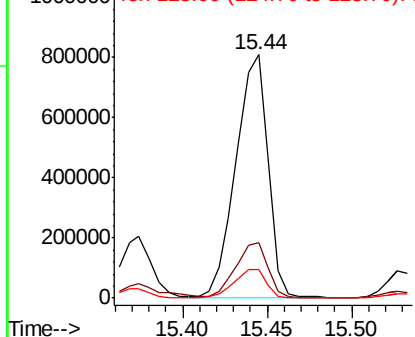
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 61.337 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	11.6	8.8	13.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





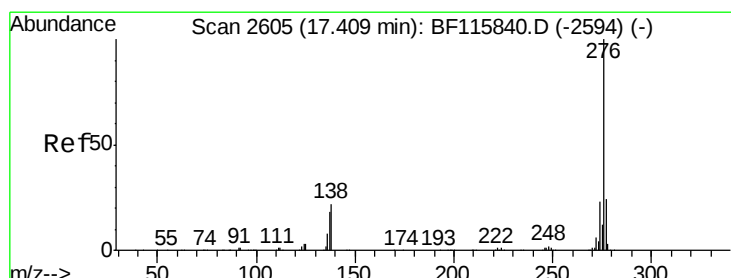
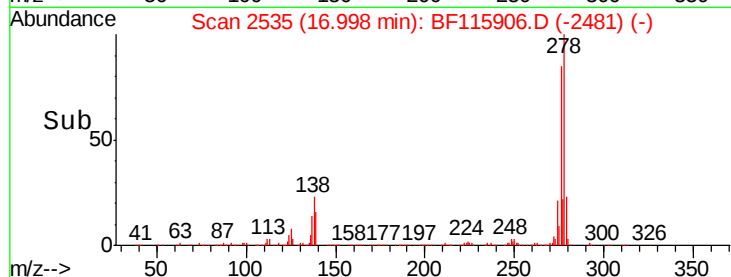
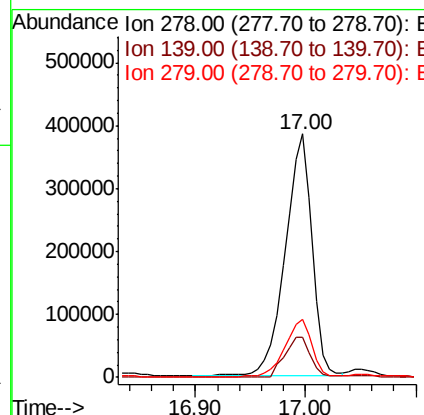
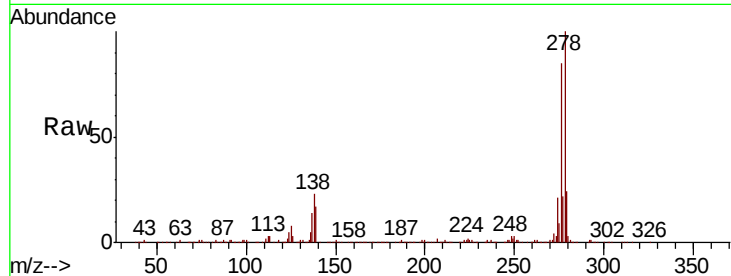
#91
Dibenzo(a,h)anthracene
Concen: 42.384 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Instrument :
BNA_F
ClientSampled :
TP-1-AMS

Tot Ion:278	Resp:	642900
Ion Ratio	Lower	Upper
278 100		
139 16.6	12.6	19.0
279 24.0	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:03 PM



#92
Benzo(g,h,i)perylene
Concen: 48.667 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.03 min
Lab File: BF115906.D
Acq: 1 Aug 2019 14:32

Tgt Ion:276	Resp:	724994
Ion Ratio	Lower	Upper
276 100		
277 24.3	19.5	29.3
138 21.3	17.8	26.8

