

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115903.D
 Acq On : 1 Aug 2019 13:12
 Operator : HP/JU
 Sample : K4021-13MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMS

Manual Integrations
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mohammad
 8/5/2019 1:47:56 PM

Quant Time: Aug 01 18:19:54 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	135420	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	519584	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	276297	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	452856	20.00	ng	0.00
76) Chrysene-d12	14.03	240	284145	20.00	ng	0.00
87) Perylene-d12	15.50	264	339154	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1009774	124.83	ng	0.02
7) Phenol-d6	6.50	99	1343580	131.64	ng	0.01
23) Nitrobenzene-d5	7.42	82	862563	95.83	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	336923	125.77	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1412471	95.75	ng	0.00
79) Terphenyl-d14	12.97	244	1273632	94.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	140697	34.429	ng	98
3) Pyridine	3.43	79	389448	34.115	ng	99
4) n-Nitrosodimethylamine	3.36	42	175825	39.028	ng	100
6) Aniline	6.52	93	334530	22.887	ng	# 88
8) 2-Chlorophenol	6.65	128	377101	42.157	ng	99
9) Benzaldehyde	6.40	77	219758	31.206	ng	100
10) Phenol	6.51	94	498687	41.493	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	361195	40.876	ng	96
12) 1,3-Dichlorobenzene	6.80	146	400440	38.735	ng	99
13) 1,4-Dichlorobenzene	6.87	146	407639	39.382	ng	99
14) 1,2-Dichlorobenzene	7.03	146	377093	39.565	ng	100
15) Benzyl Alcohol	7.00	79	337019	43.512	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	475255	39.432	ng	95
17) 2-Methylphenol	7.11	107	323515	42.712	ng	99
18) Hexachloroethane	7.37	117	145850	38.271	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	259308	41.001	ng	99
20) 3+4-Methylphenols	7.26	107	386029	43.068	ng	# 83
22) Acetophenone	7.26	105	510565	44.805	ng	98
24) Nitrobenzene	7.43	77	418936	43.103	ng	99
25) Isophorone	7.67	82	754024	43.808	ng	100
26) 2-Nitrophenol	7.75	139	206011	44.966	ng	99
27) 2,4-Dimethylphenol	7.79	122	340204	49.356	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	459177	43.042	ng	99
29) 2,4-Dichlorophenol	8.00	162	330105	45.357	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	351329	42.349	ng	100
31) Naphthalene	8.16	128	1081416	44.229	ng	100
32) Benzoic acid	7.92	122	116820	24.039	ng	97
33) 4-Chloroaniline	8.20	127	150720	13.796	ng	99
34) Hexachlorobutadiene	8.27	225	195316	40.874	ng	100
35) Caprolactam	8.58	113	104633m	44.452	ng	
36) 4-Chloro-3-methylphenol	8.70	107	350702	46.320	ng	95
37) 2-Methylnaphthalene	8.85	142	737903	45.825	ng	100
38) 1-Methylnaphthalene	8.95	142	683956	44.897	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	328551	44.480	ng	99

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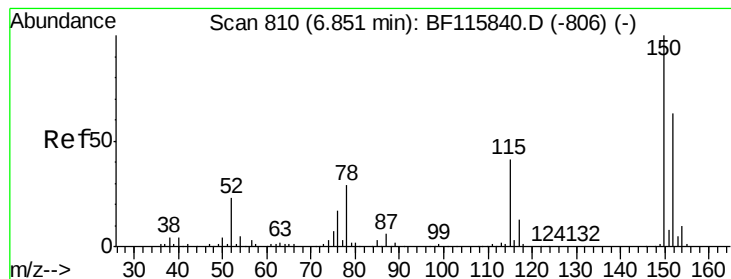
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	131536	42.652	ng	96
43) 2,4,6-Trichlorophenol	9.14	196	222834	43.828	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	234893	44.694	ng	99
46) 1,1'-Biphenyl	9.32	154	888028	45.525	ng	100
47) 2-Chloronaphthalene	9.35	162	694111	42.754	ng	100
48) 2-Nitroaniline	9.44	65	228843	42.644	ng	93
49) Acenaphthylene	9.76	152	1072749	45.291	ng	100
50) Dimethylphthalate	9.62	163	1168625	62.119	ng	100
51) 2,6-Dinitrotoluene	9.68	165	184723	45.183	ng	89
52) Acenaphthene	9.93	154	641377	44.139	ng	99
53) 3-Nitroaniline	9.85	138	115518	22.867	ng	94
54) 2,4-Dinitrophenol	9.96	184	66285	36.577	ng	98
55) Dibenzofuran	10.10	168	956900	45.283	ng	98
56) 4-Nitrophenol	10.02	139	294885	91.124	ng	96
57) 2,4-Dinitrotoluene	10.09	165	241865	44.434	ng	98
58) Fluorene	10.45	166	733161	45.095	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	190955	43.187	ng	99
60) Diethylphthalate	10.32	149	786689	44.790	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	371917	45.169	ng	99
62) 4-Nitroaniline	10.47	138	181779	34.820	ng	99
63) Azobenzene	10.60	77	808998	44.781	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	60082	25.036	ng	98
66) n-Nitrosodiphenylamine	10.56	169	661406	48.524	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	222959	45.992	ng	93
68) Hexachlorobenzene	11.00	284	244398	43.598	ng	95
69) Atrazine	11.08	200	208120	46.412	ng	99
70) Pentachlorophenol	11.20	266	212359	78.028	ng	99
71) Phenanthrene	11.41	178	1070660	46.247	ng	100
72) Anthracene	11.46	178	1075368	45.897	ng	99
73) Carbazole	11.62	167	949048	44.647	ng	99
74) Di-n-butylphthalate	11.94	149	1183723	47.737	ng	100
75) Fluoranthene	12.60	202	1016996	41.961	ng	98
77) Benzidine	12.72	184	424707	44.242	ng	96
78) Pyrene	12.83	202	1012328	47.263	ng	100
80) Butylbenzylphthalate	13.44	149	421000	46.466	ng	99
81) Benzo(a)anthracene	14.02	228	819318	45.113	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	266236	42.195	ng	99
83) Chrysene	14.06	228	798206	45.270	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	570504	48.455	ng	99
85) Di-n-octyl phthalate	14.61	149	936735	50.089	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	827117	55.852	ng	99
88) Benzo(b)fluoranthene	15.07	252	851620	43.427	ng	98
89) Benzo(k)fluoranthene	15.10	252	830374	43.474	ng	100
90) Benzo(a)pyrene	15.44	252	823850	46.996	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	694933	45.797	ng	98
92) Benzo(g,h,i)perylene	17.43	276	650429	43.646	ng	99

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



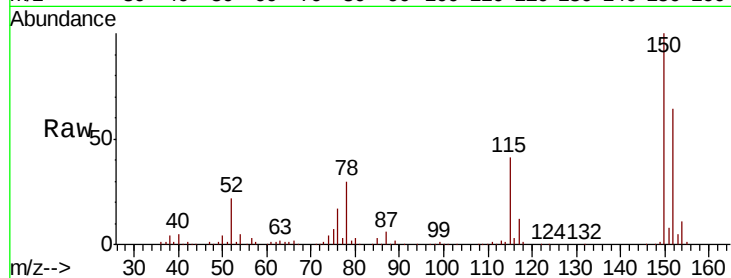
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	127.4	191.0
115	64.4	51.8	77.8

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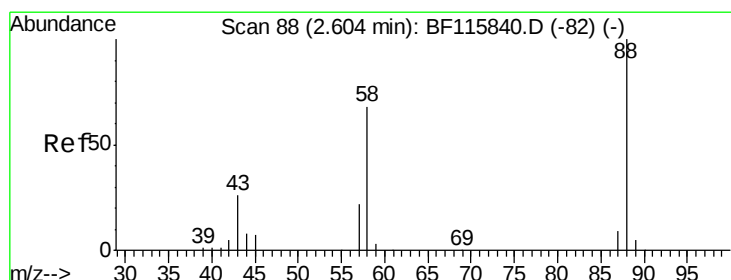
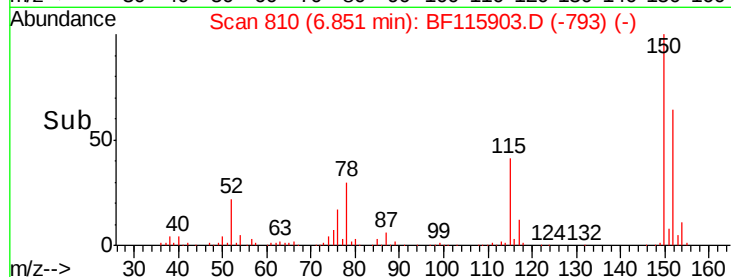
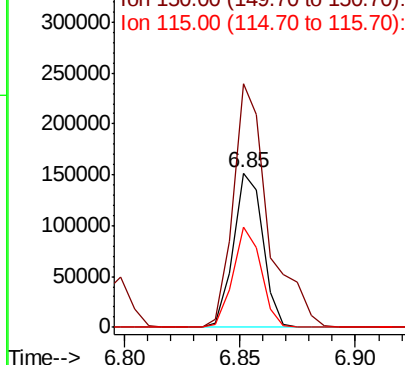


Abundance

Ion 152.00 (151.70 to 152.70): E

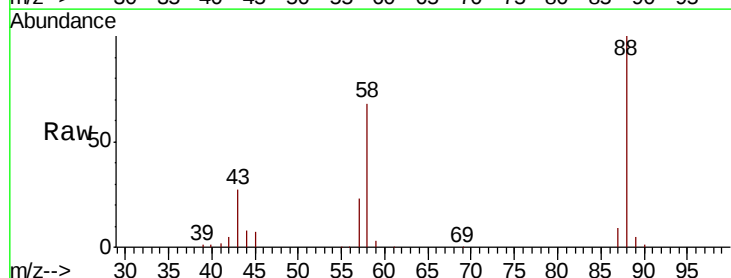
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 34.429 ng
 RT: 2.66 min Scan# 98
 Delta R.T. 0.06 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	54.1	81.1
43	27.1	20.7	31.1

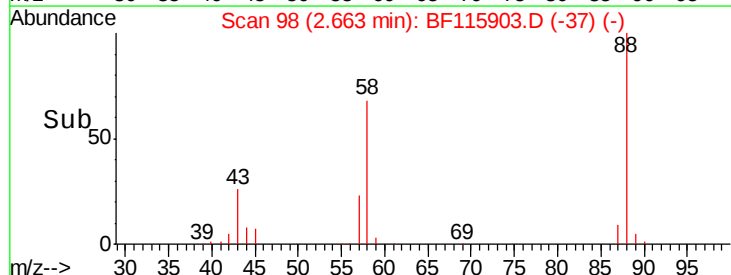
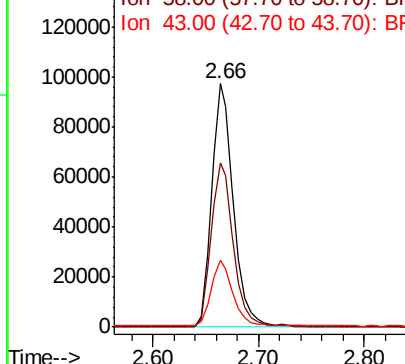


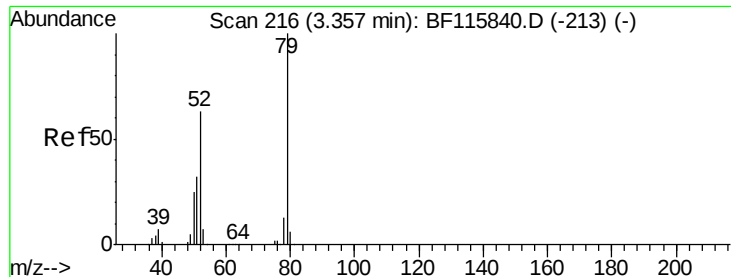
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 34.115 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.07 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

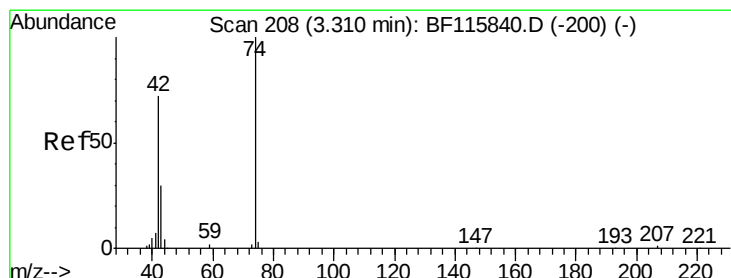
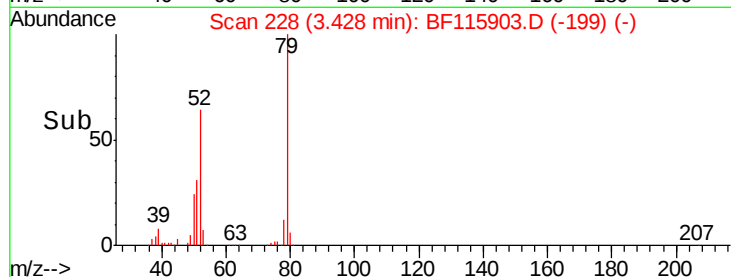
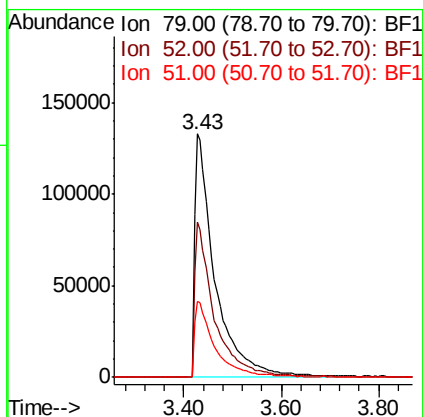
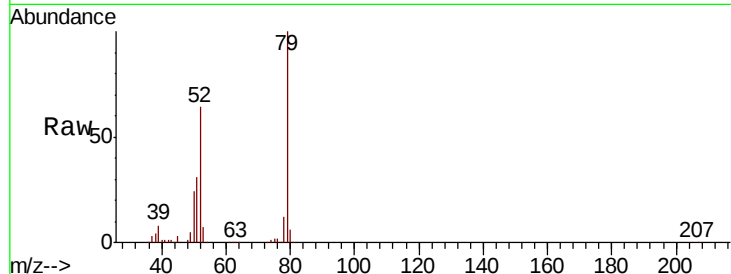
ClientSampleId :

TP-8-AMS

Tot Ion:	79	Resp:	389448
Ion Ratio	Lower	Upper	
79	100		
52	63.5	50.2	75.4
51	31.5	25.8	38.6

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#4

n-Nitrosodimethylamine

Concen: 39.028 ng

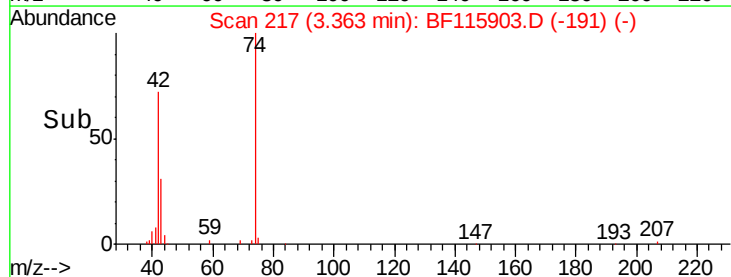
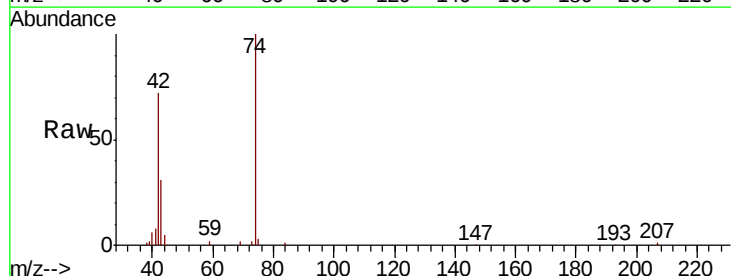
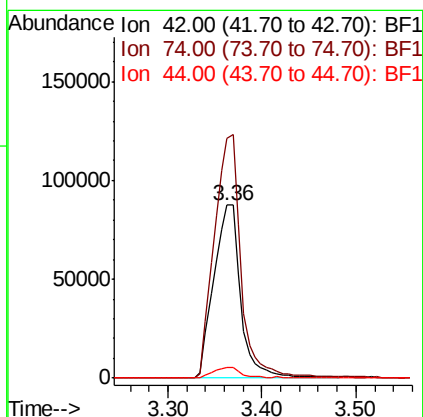
RT: 3.36 min Scan# 217

Delta R.T. 0.05 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Tgt Ion:	42	Resp:	175825
Ion Ratio	Lower	Upper	
42	100		
74	138.5	111.0	166.4
44	6.4	4.7	7.1





#5

2-Fluorophenol

Concen: 124.828 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

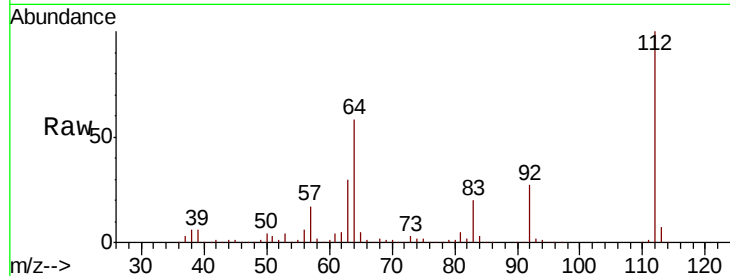
ClientSampleId :

TP-8-AMS

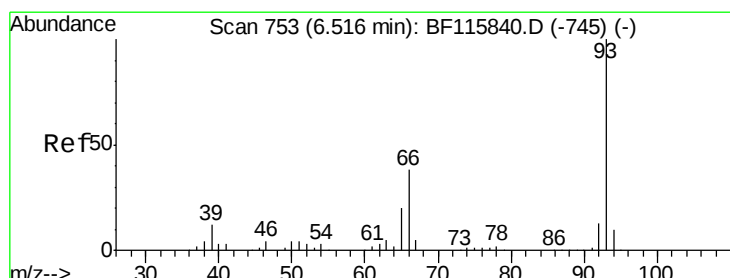
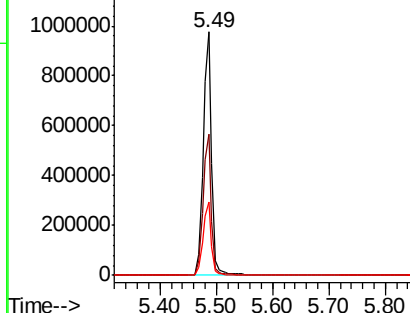
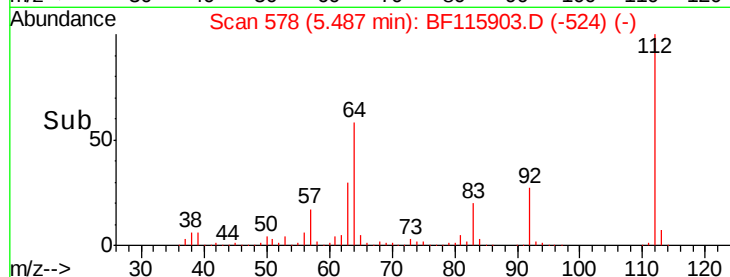
Tot Ion:	112	Resp:	1009774
Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.8	70.2
63	30.3	24.2	36.2

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



#6

Aniline

Concen: 22.887 ng

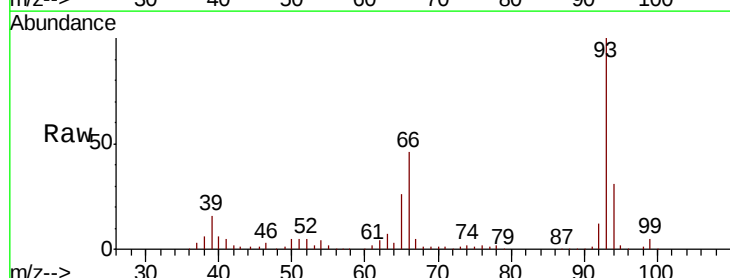
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

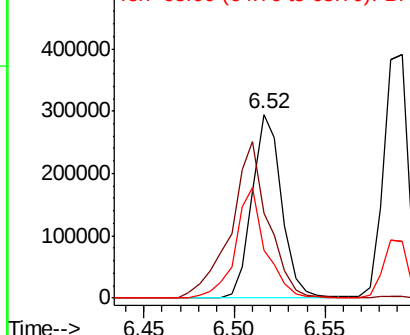
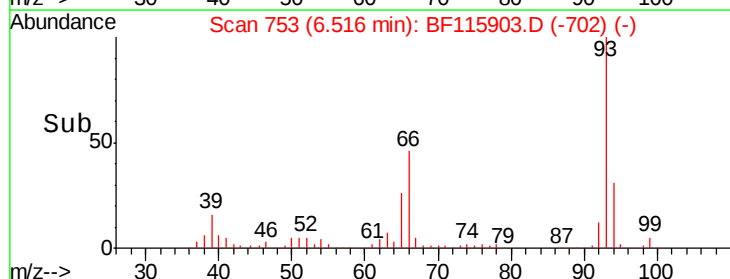
Lab File: BF115903.D

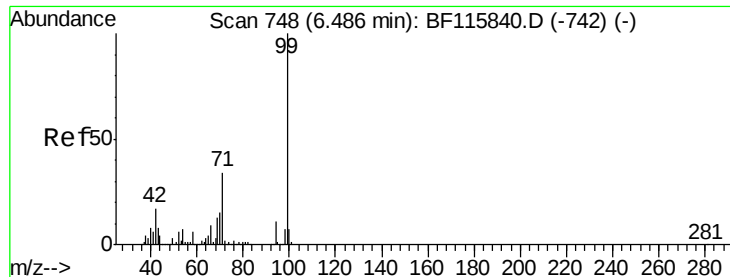
Acq: 1 Aug 2019 13:12

Tgt Ion:	93	Resp:	334530
Ion	Ratio	Lower	Upper
93	100		
66	46.3	31.4	47.0
65	25.8	16.5	24.7#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.645 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampled :

TP-8-AMS

Tot Ion: 99 Resp: 1343580

Ion Ratio Lower Upper

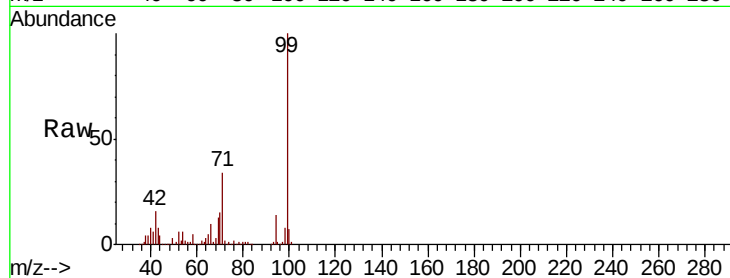
99 100

42 16.3 13.8 20.6

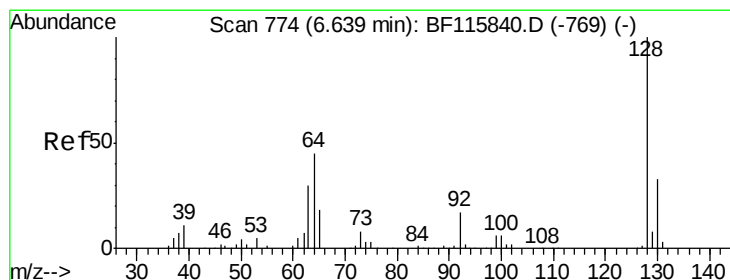
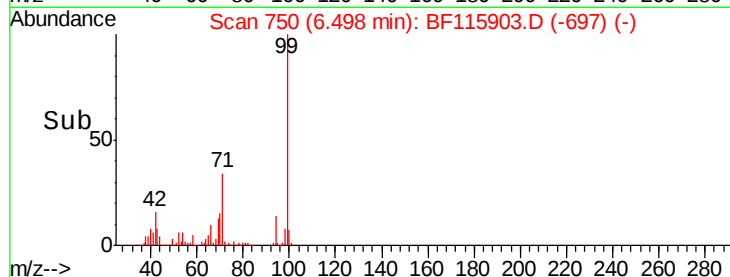
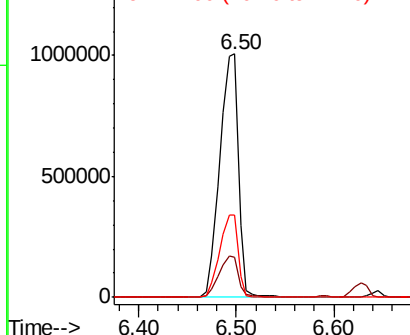
71 33.7 27.1 40.7

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



#8

2-Chlorophenol

Concen: 42.157 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

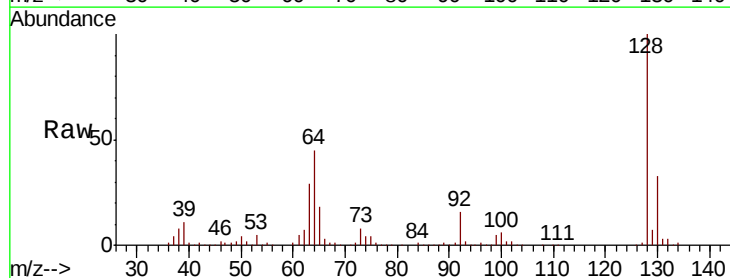
Tgt Ion: 128 Resp: 377101

Ion Ratio Lower Upper

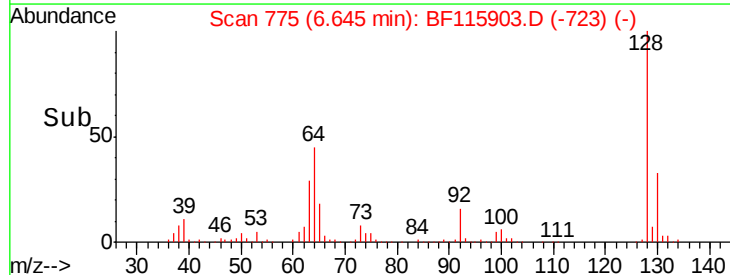
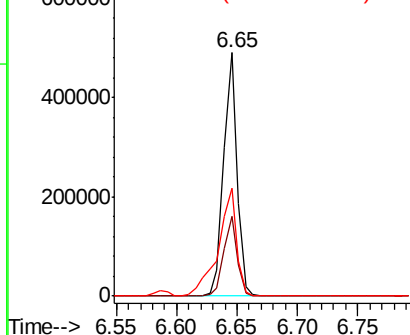
128 100

130 32.9 12.9 52.9

64 44.6 26.1 66.1



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





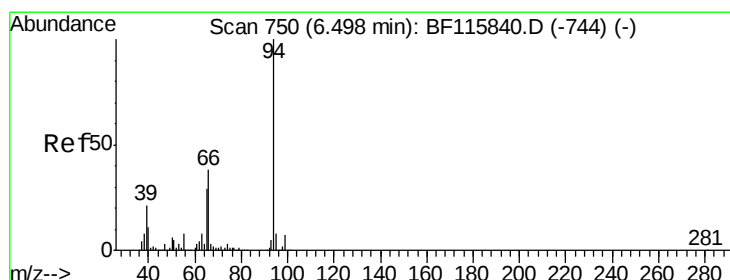
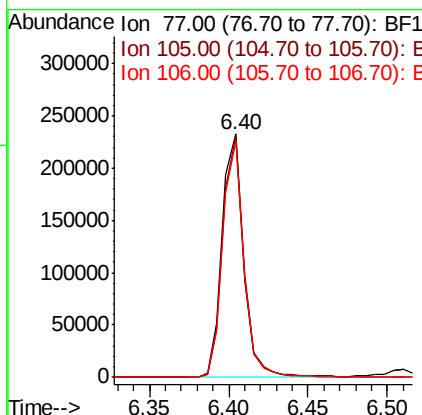
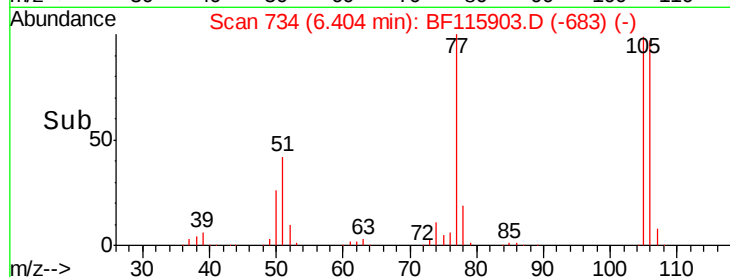
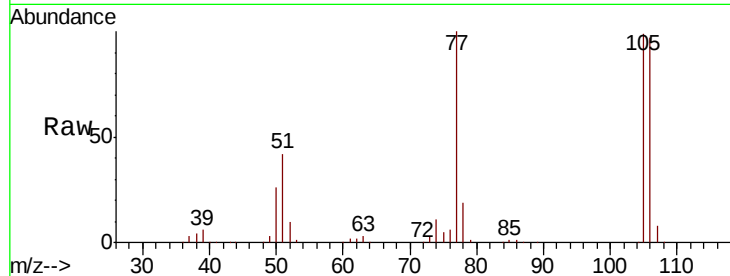
#9
Benzaldehyde
Concen: 31.206 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.2	79.0	119.0
106	96.9	76.2	116.2

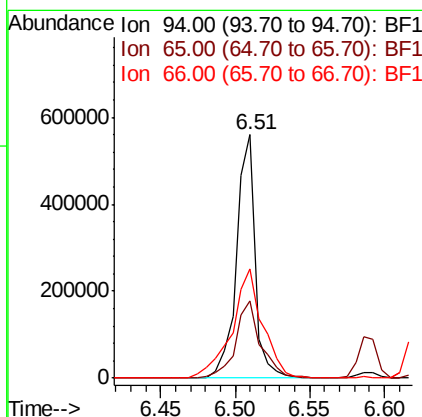
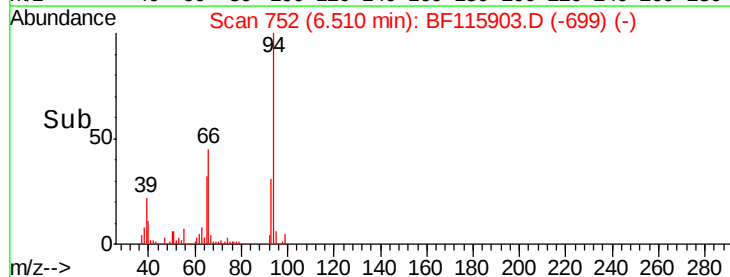
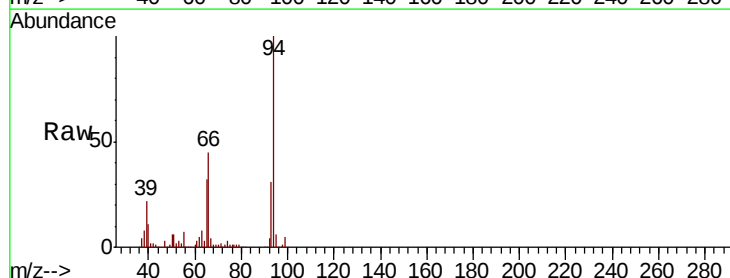
Manual Integrations
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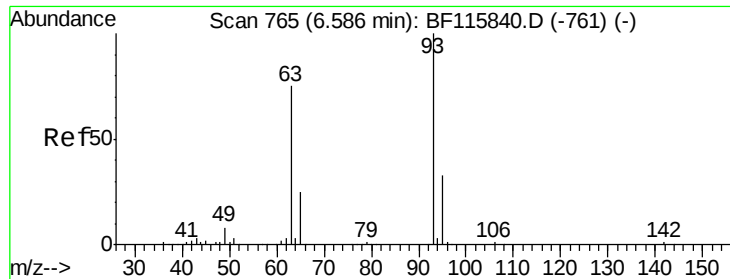
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8/5/2019 1:47:56 PM



#10
Phenol
Concen: 41.493 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.7	8.9	48.9
66	44.7	18.0	58.0





#11

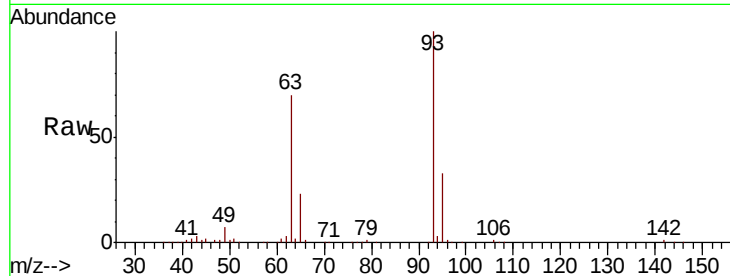
bis(2-Chloroethyl)ether
Concen: 40.876 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampled :
TP-8-AMS

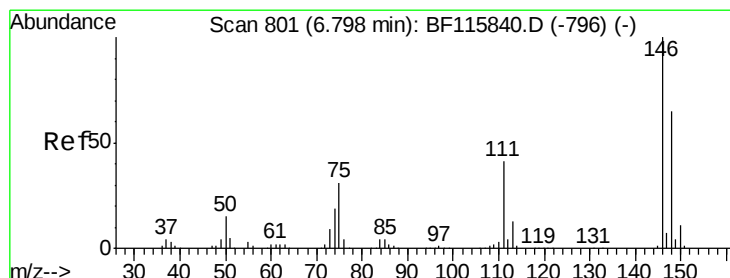
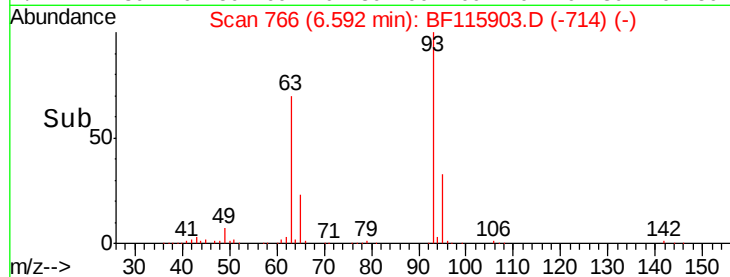
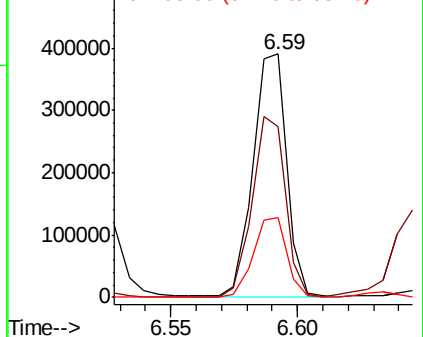
Tot Ion:	93	Resp:	361195
Ion Ratio	Lower	Upper	
93	100		
63	70.1	54.9	94.9
95	32.9	13.3	53.3

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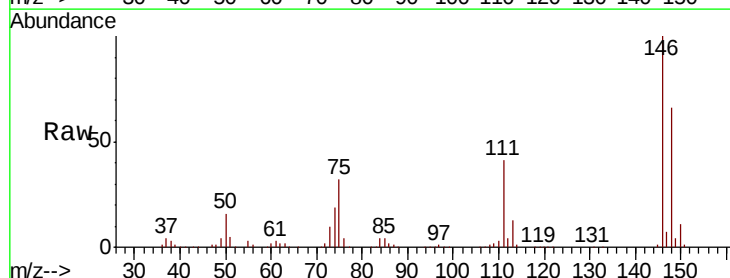
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



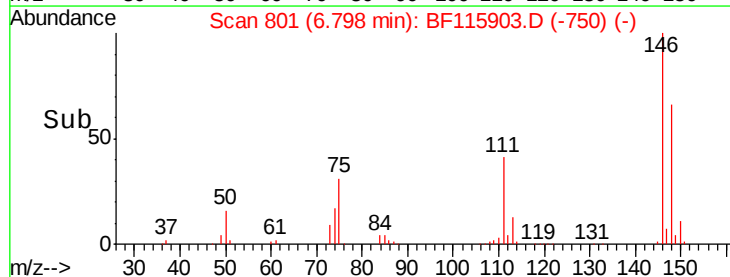
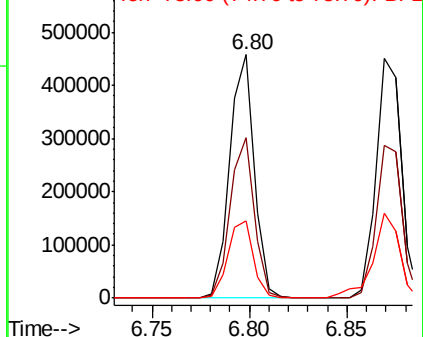
#12

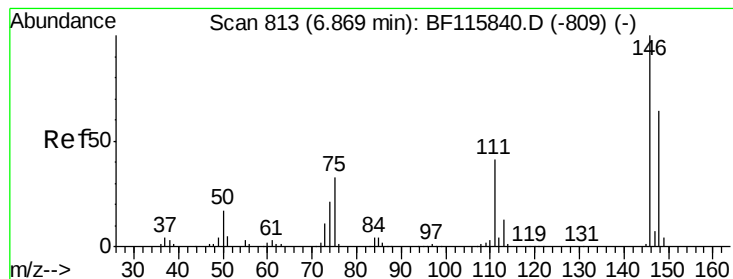
1,3-Dichlorobenzene
Concen: 38.735 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:	146	Resp:	400440
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.1	78.1
75	31.9	25.0	37.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.382 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

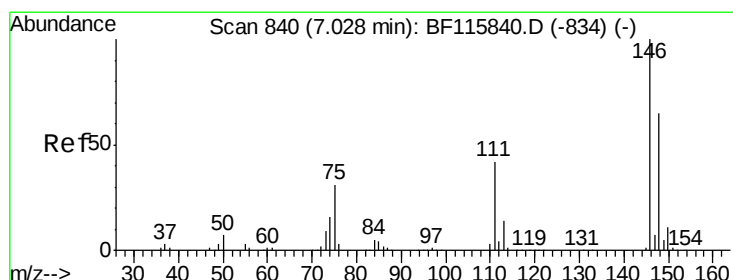
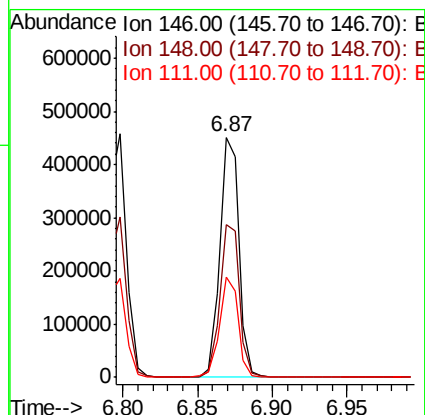
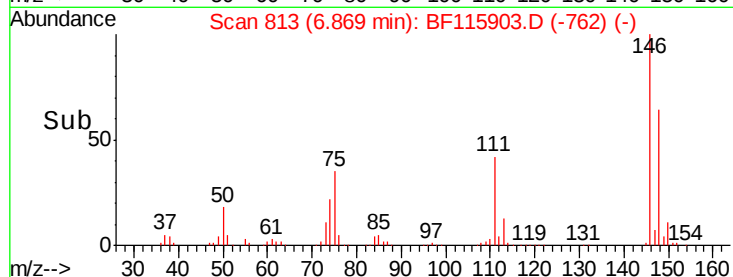
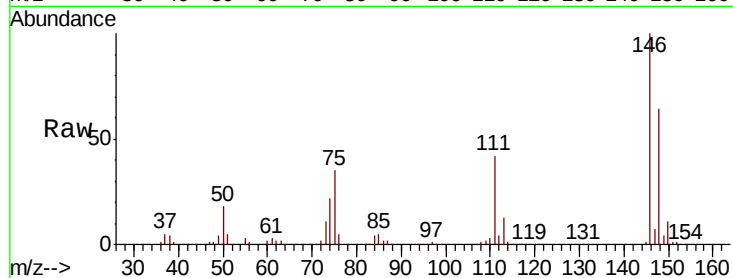
ClientSampled :

TP-8-AMS

Tot Ion:	146	Resp:	407639
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.2	76.8
111	42.0	33.2	49.8

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#14

1,2-Dichlorobenzene

Concen: 39.565 ng

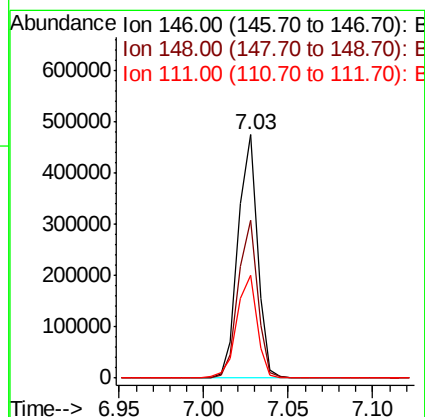
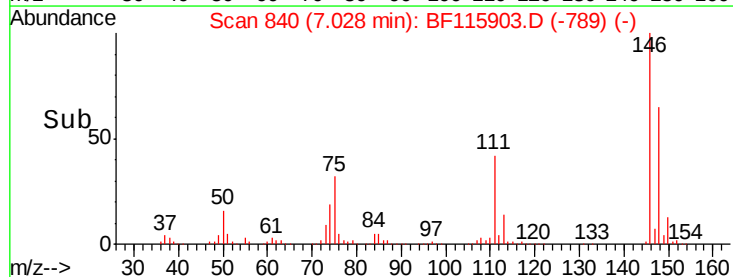
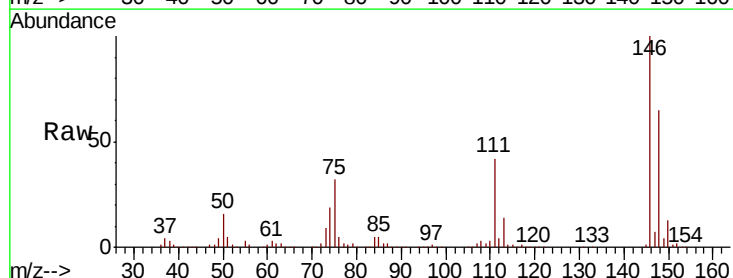
RT: 7.03 min Scan# 840

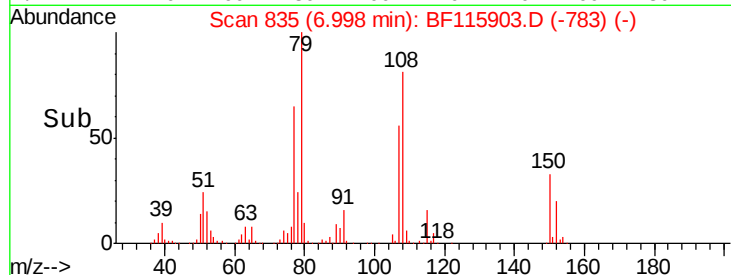
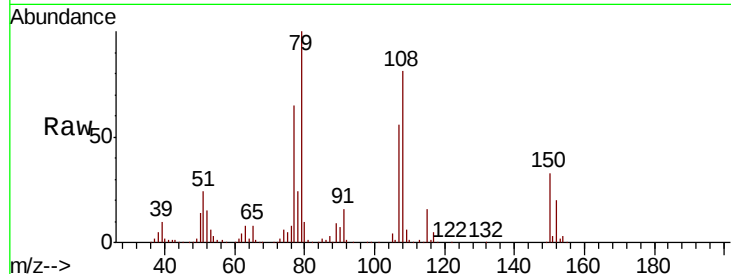
Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Tgt Ion:	146	Resp:	377093
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.6	77.4
111	42.1	33.6	50.4





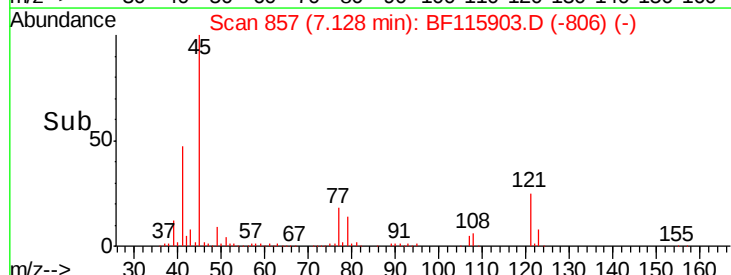
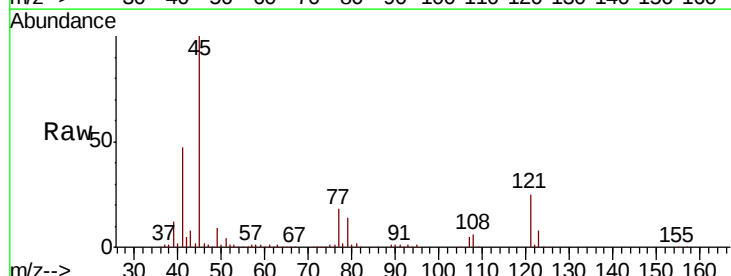
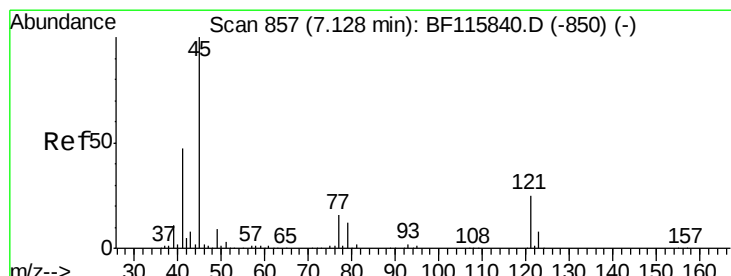
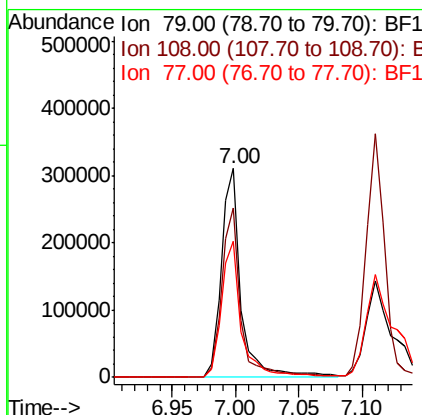
#15
Benzyl Alcohol
Concen: 43.512 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.2	62.8	94.2	
77	65.1	52.0	78.0	

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

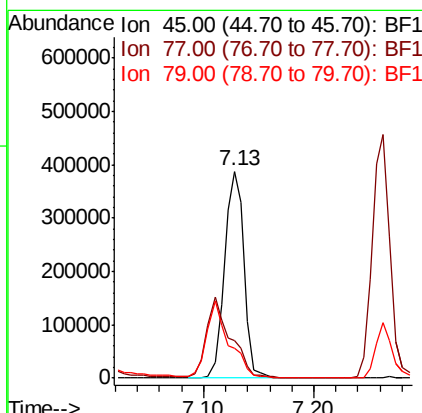
Manual Integrations
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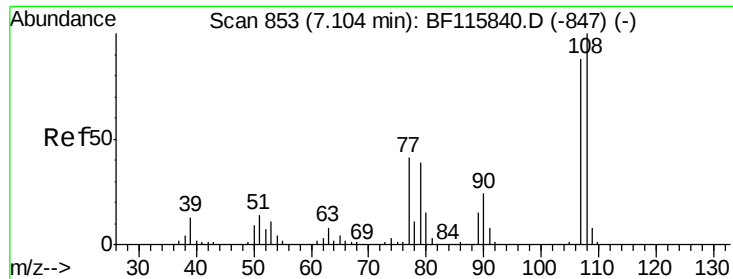
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.432 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	18.4	0.0	36.3	
79	14.4	0.0	32.5	





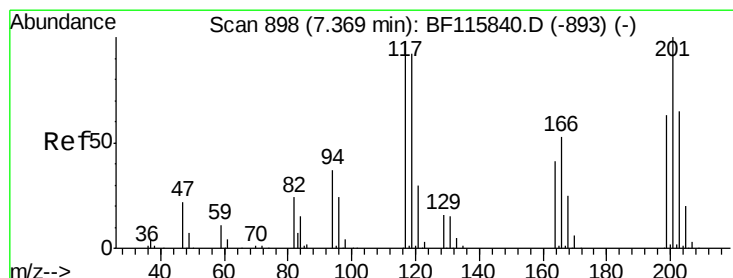
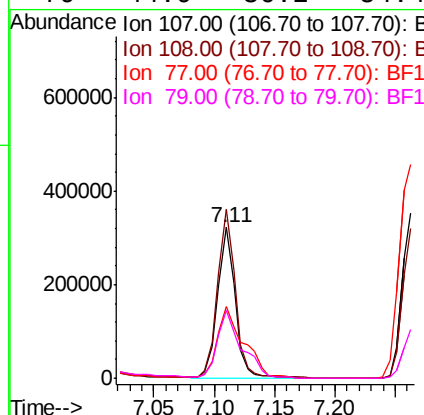
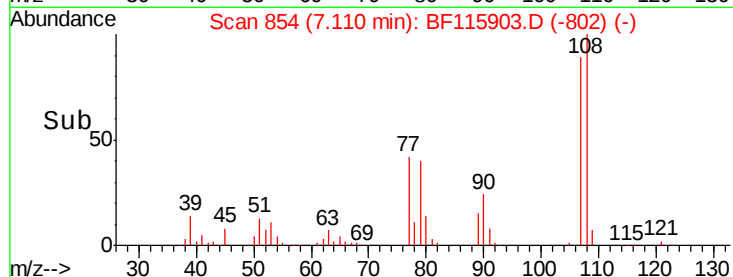
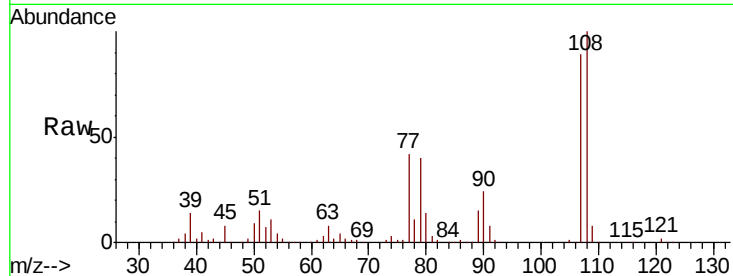
#17
2-Methylphenol
Concen: 42.712 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	91.4	137.0	
77	47.5	37.6	56.4	
79	44.9	36.2	54.4	

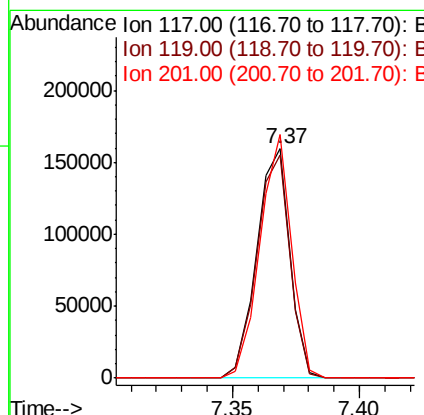
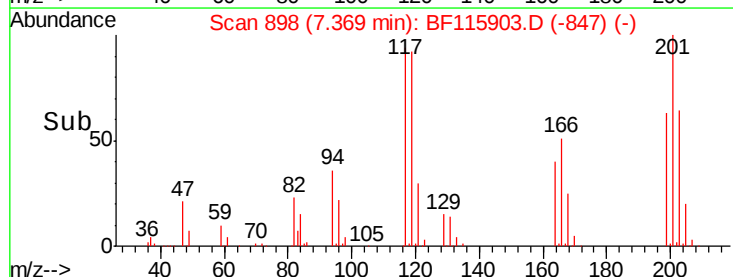
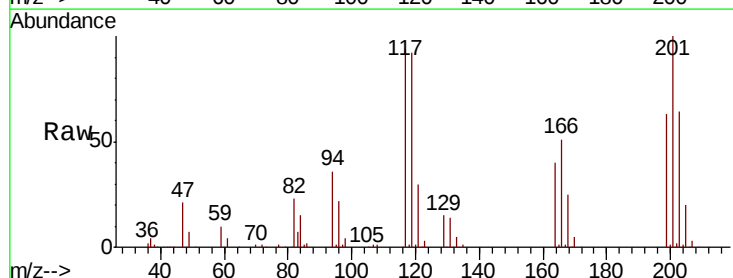
Manual Integrations
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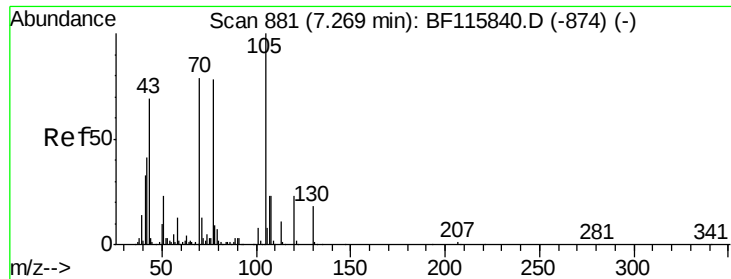
mohammad
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#18
Hexachloroethane
Concen: 38.271 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	75.8	113.6	
201	106.2	82.0	123.0	





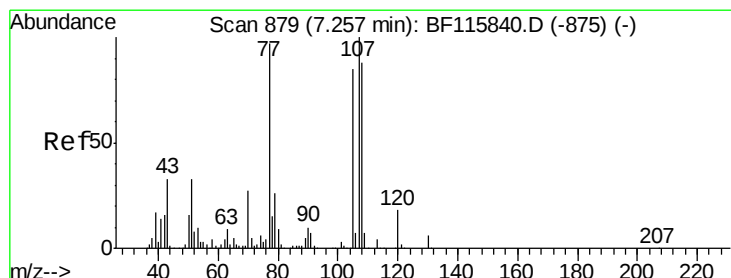
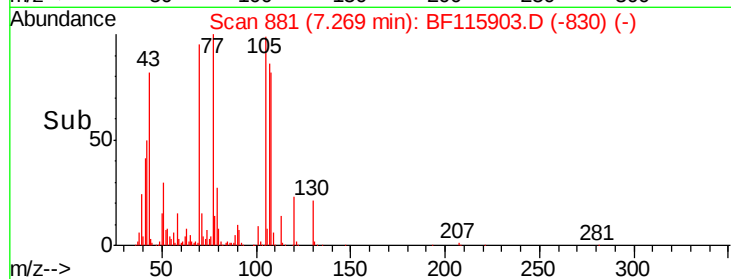
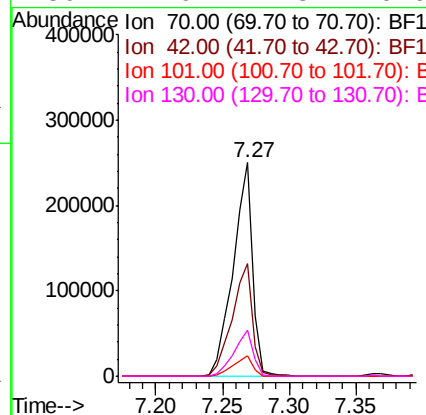
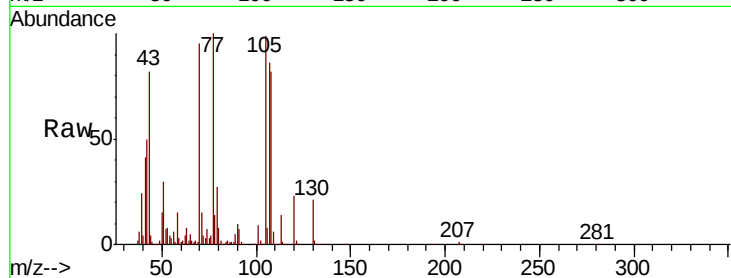
#19
n-Nitroso-di-n-propylamine
Concen: 41.001 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	52.6	41.8	62.8	
101	9.7	7.7	11.5	
130	21.9	17.8	26.6	

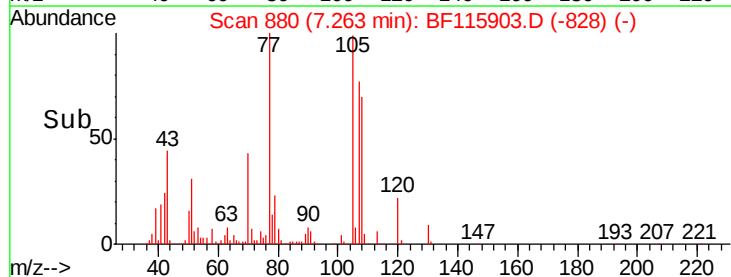
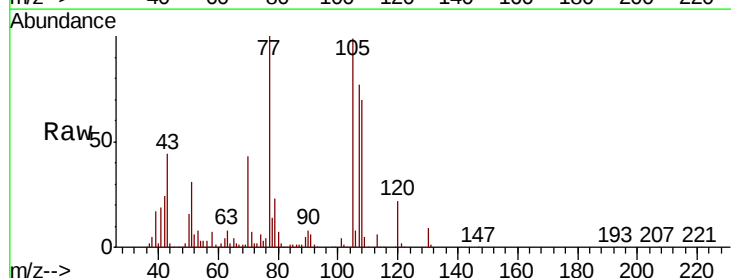
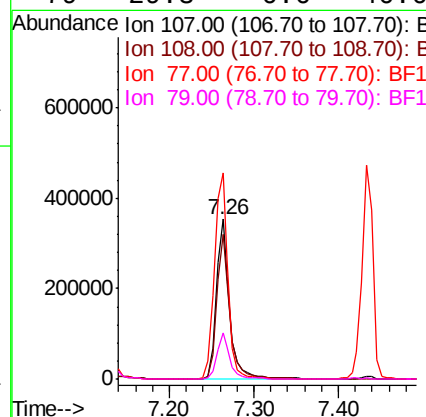
Manual Integrations
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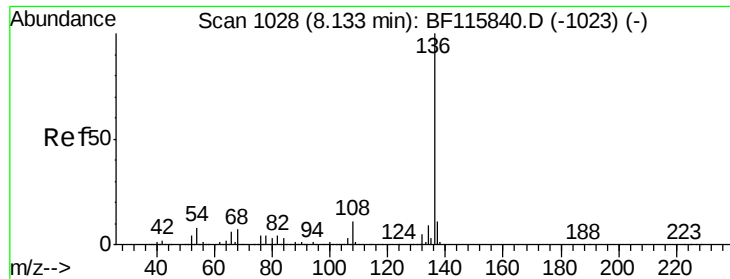
mohammad
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#20
3+4-Methylphenols
Concen: 43.068 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	90.5	67.9	107.9	
77	129.3	77.3	117.3#	
79	29.3	6.6	46.6	





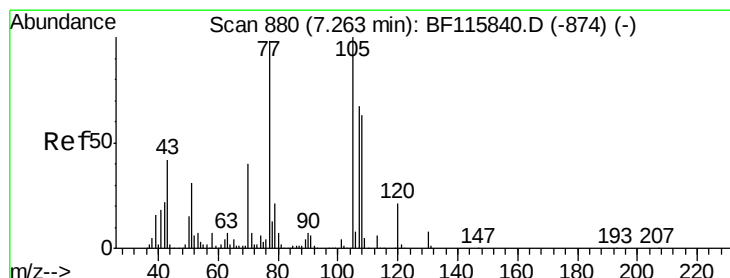
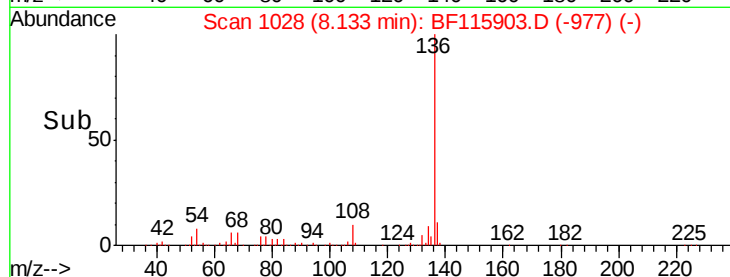
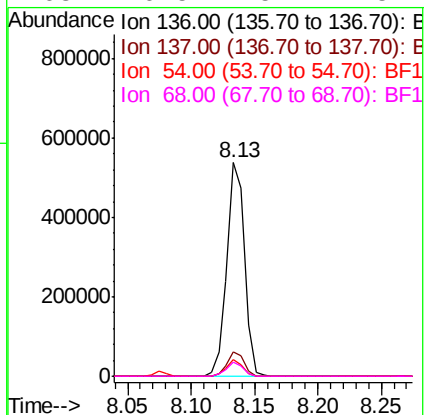
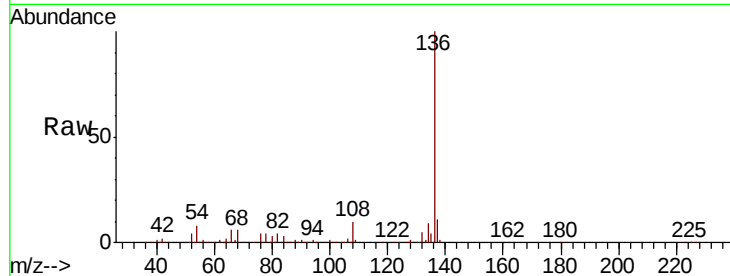
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	519584		
137	11.3		9.1	13.7
54	7.6		6.1	9.1
68	6.5		5.4	8.2

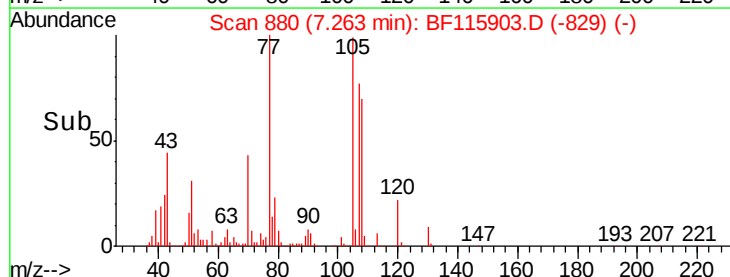
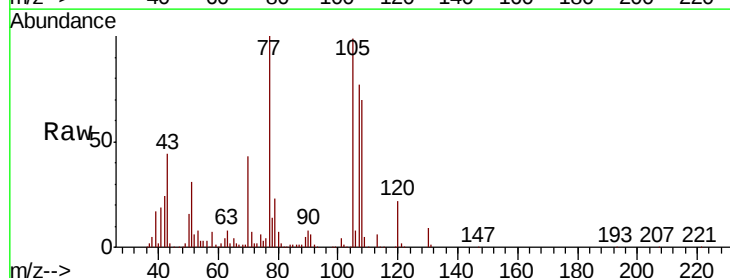
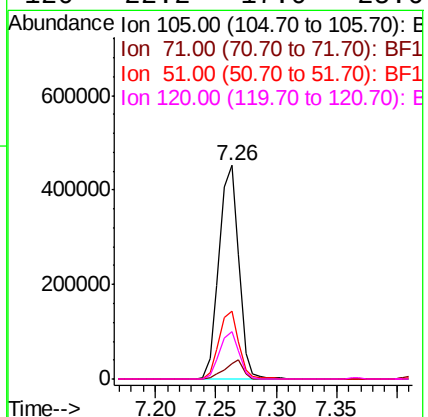
Manual Integrations
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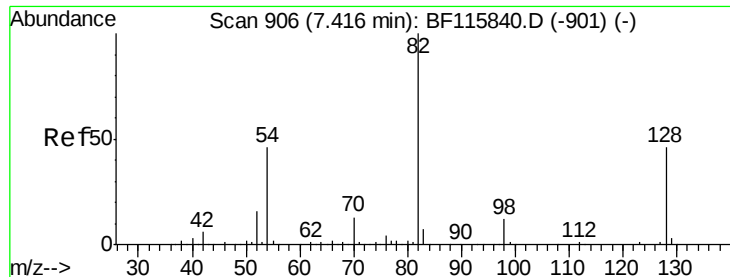
mohammad
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#22
Acetophenone
Concen: 44.805 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	510565		
71	7.1		5.4	8.0
51	31.6		24.6	36.8
120	22.2		17.0	25.6





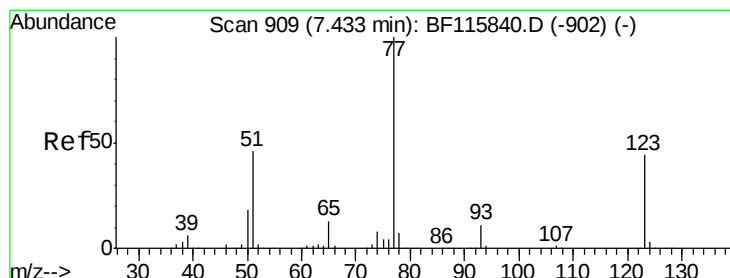
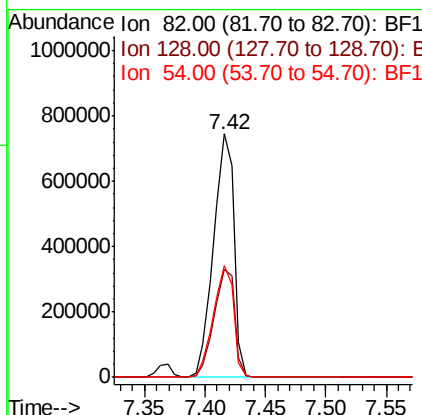
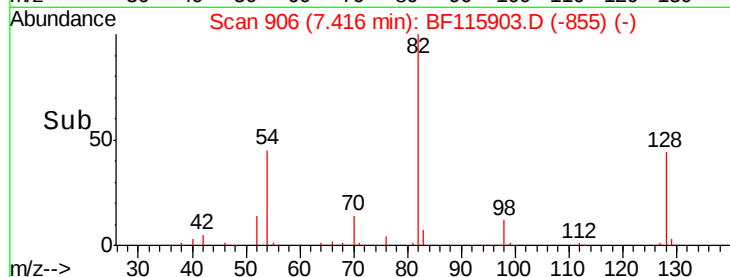
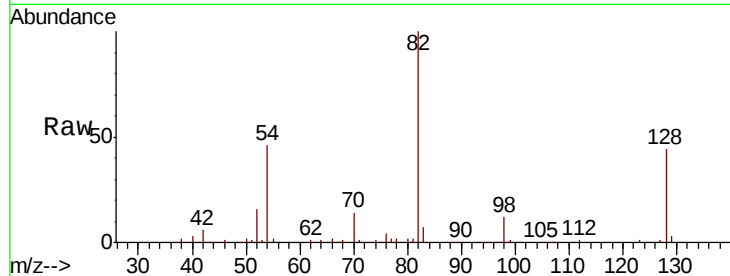
#23
 Nitrobenzene-d5
 Concen: 95.826 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampled :
 TP-8-AMS

Tot Ion	82	Resp	862563
Ion Ratio	100	Lower	Upper
82	100		
128	44.4	36.6	55.0
54	46.1	36.6	55.0

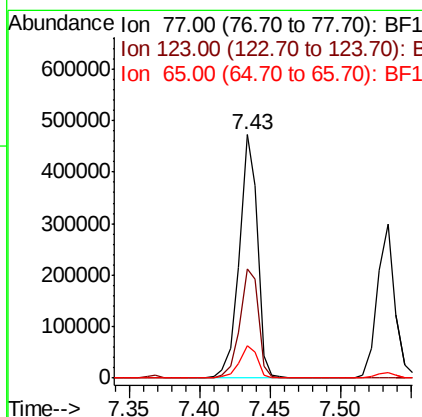
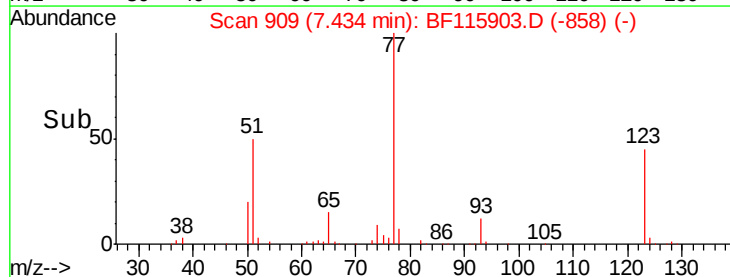
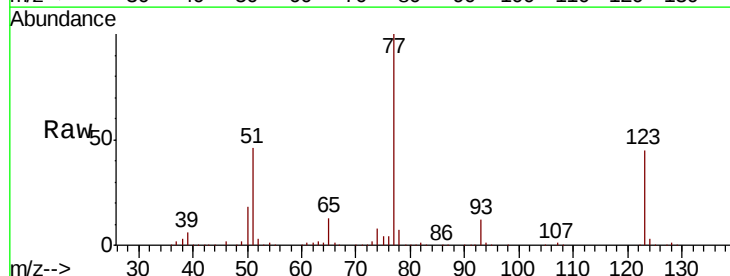
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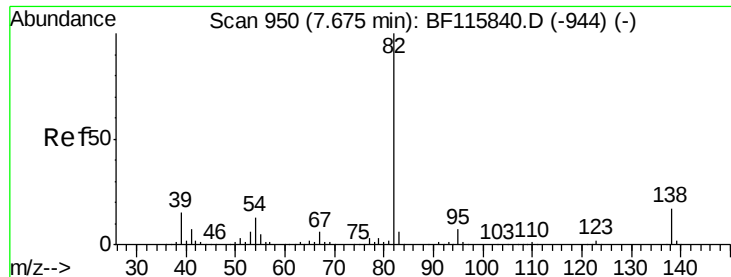
mohammad
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#24
 Nitrobenzene
 Concen: 43.103 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	77	Resp	418936
Ion Ratio	100	Lower	Upper
77	100		
123	45.0	35.5	53.3
65	13.4	10.6	15.8





#25

Isophorone

Concen: 43.808 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

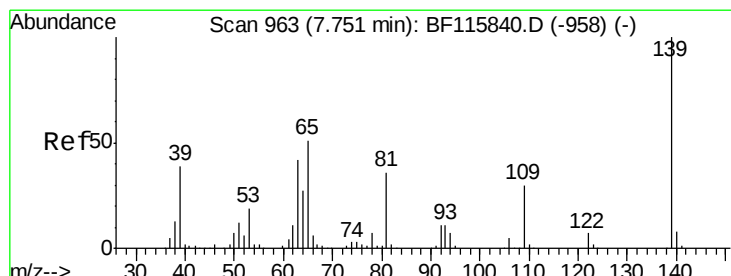
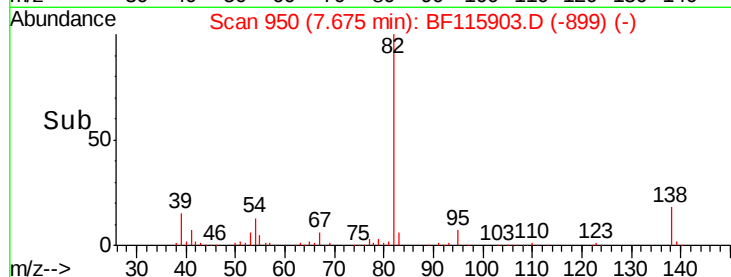
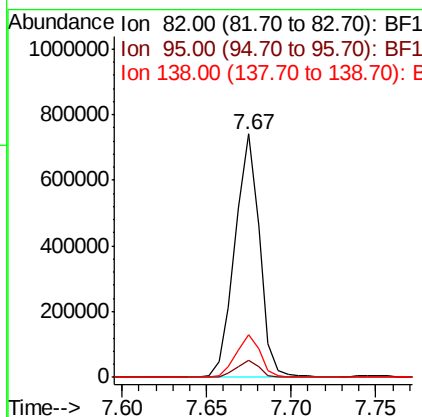
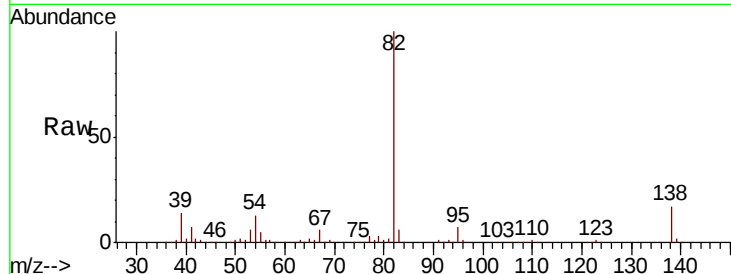
ClientSampleId :

TP-8-AMS

Tot Ion:	82	Resp:	754024
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	17.4	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.966 ng

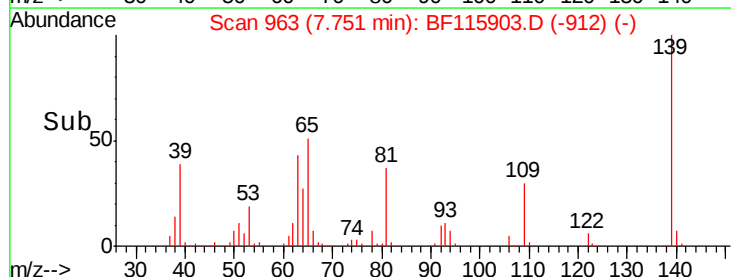
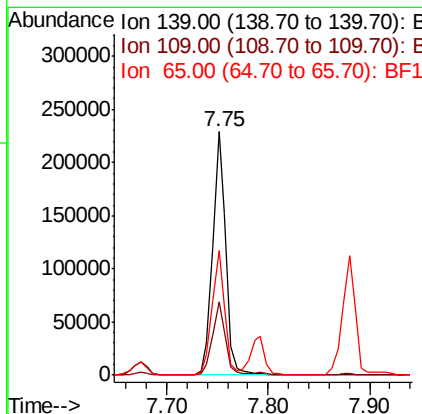
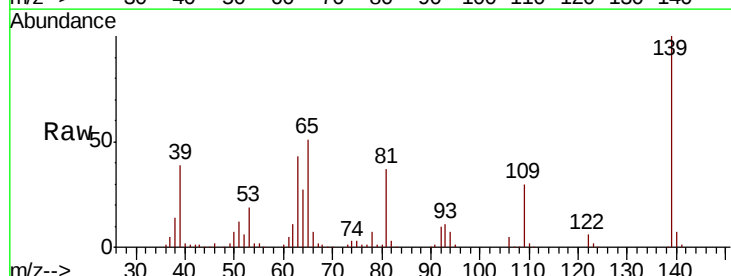
RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Tgt Ion:	139	Resp:	206011
Ion Ratio	Lower	Upper	
139	100		
109	30.1	23.6	35.4
65	51.3	40.6	60.8





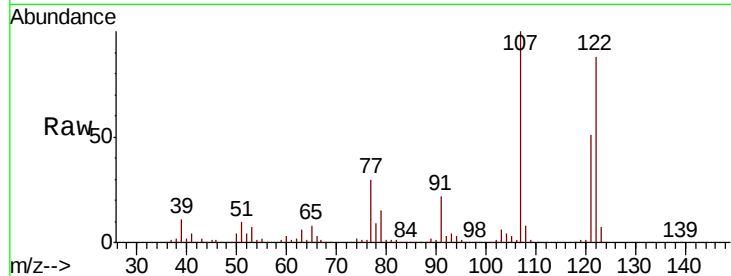
#27
2,4-Dimethylphenol
Concen: 49.356 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	340204		
107	113.9	91.7	137.5	
121	57.7	46.6	70.0	

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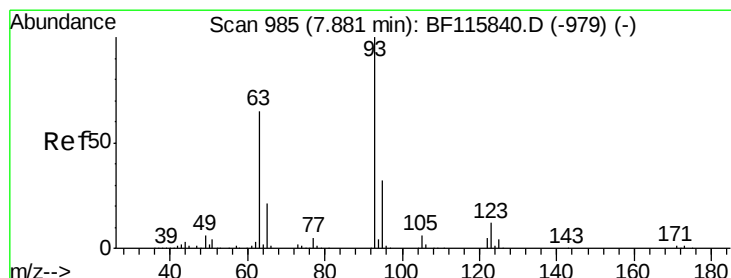
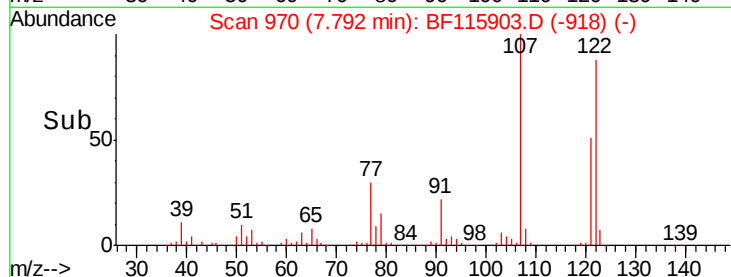
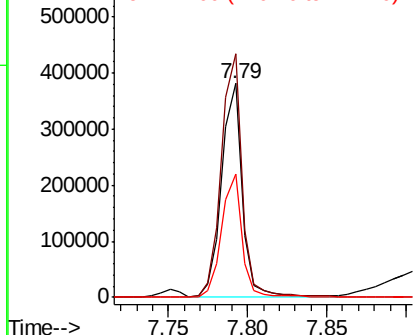


Abundance

Ion 122.00 (121.70 to 122.70): E

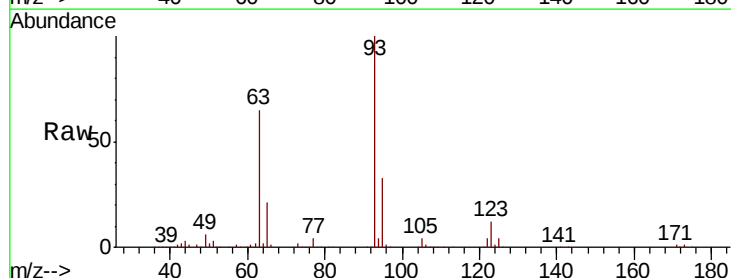
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.042 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	459177		
95	32.7	26.0	39.0	
123	11.6	9.5	14.3	

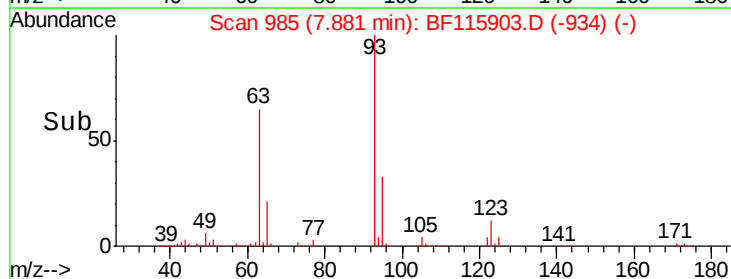
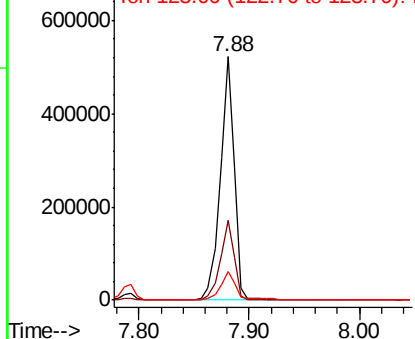


Abundance

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





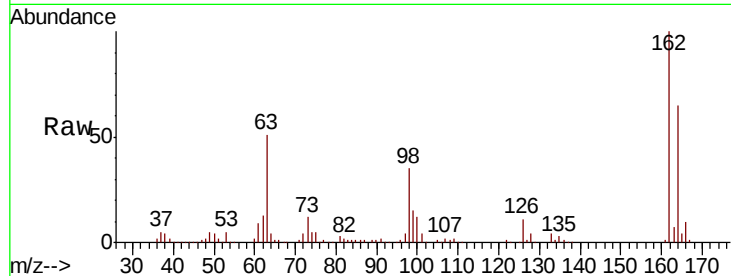
#29
 2,4-Dichlorophenol
 Concen: 45.357 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	330105		
164	65.2	43.2	83.2	
98	34.8	17.3	57.3	

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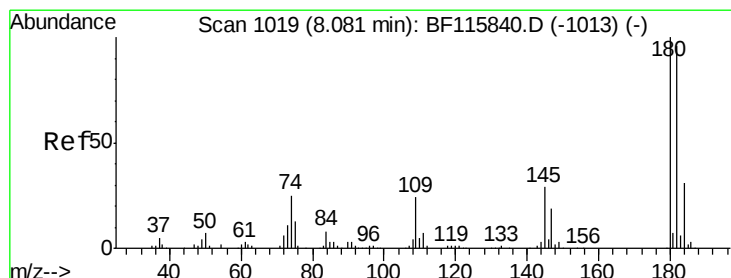
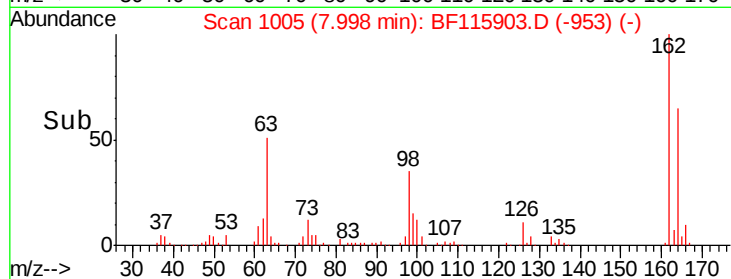
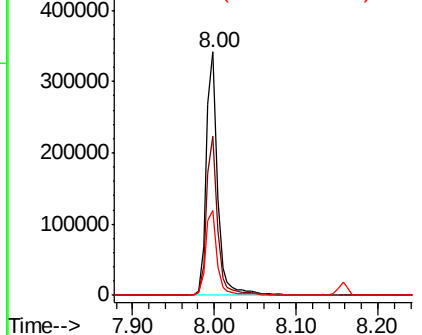


Abundance

Ion 162.00 (161.70 to 162.70): E

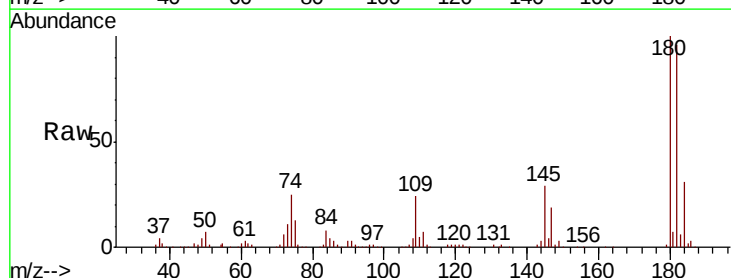
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.349 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	351329		
182	95.6	76.6	114.8	
145	29.2	23.2	34.8	

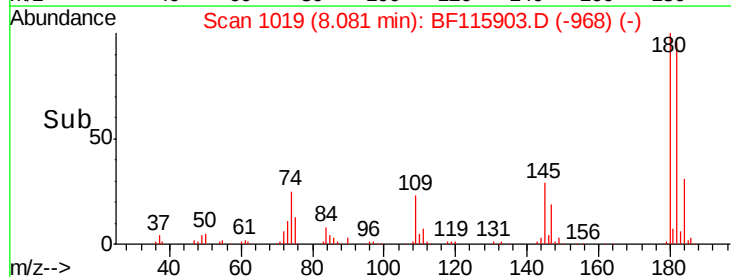
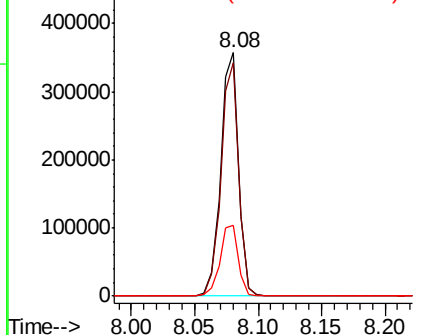


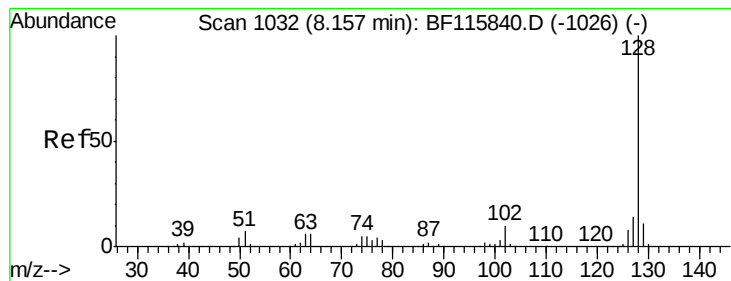
Abundance

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: 44.229 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampleId :

TP-8-AMS

Tot Ion:128 Resp: 1081416

Ion Ratio Lower Upper

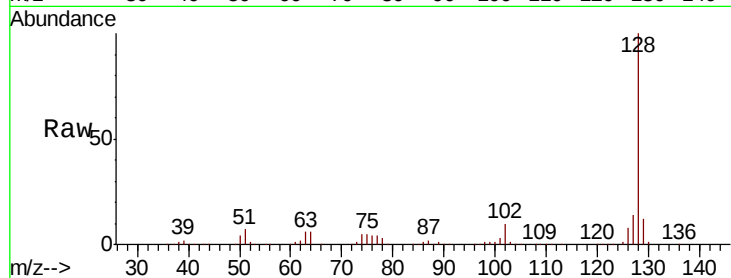
128 100

129 11.6 9.2 13.8

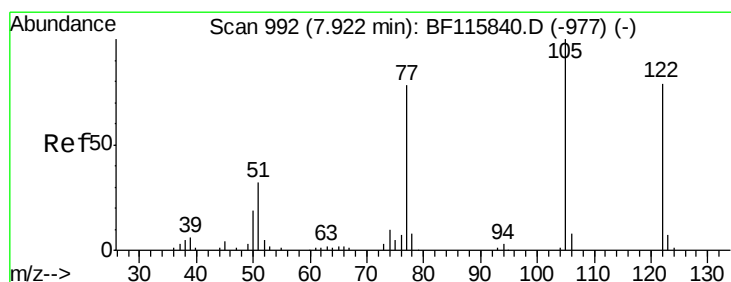
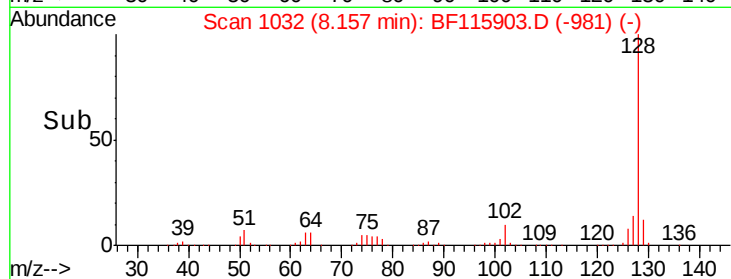
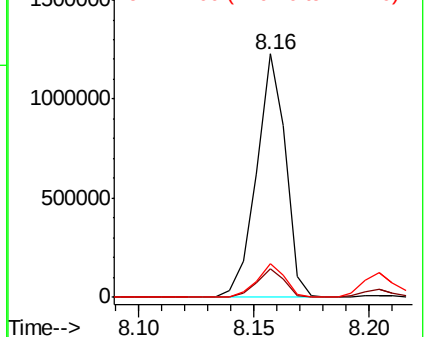
127 13.7 11.0 16.4

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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: 24.039 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

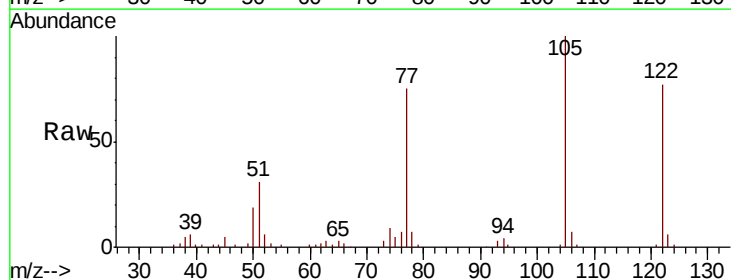
Tgt Ion:122 Resp: 116820

Ion Ratio Lower Upper

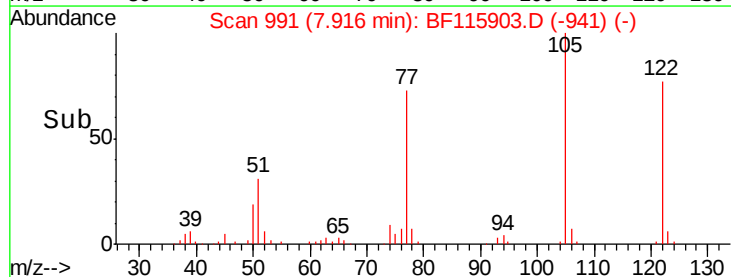
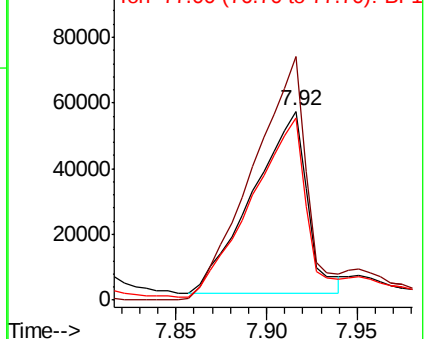
122 100

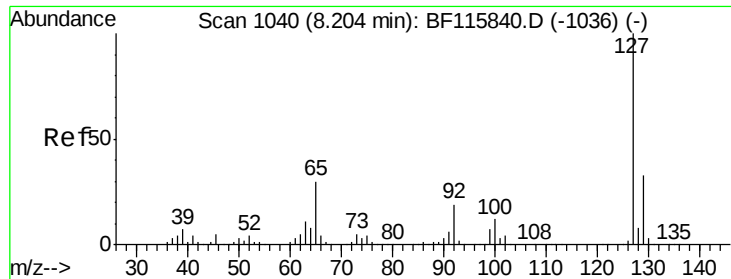
105 129.1 103.1 143.1

77 96.3 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





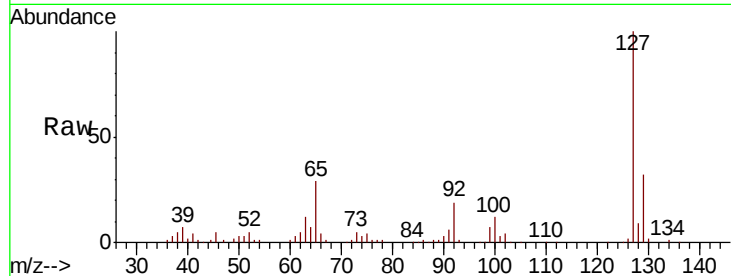
#33
4-Chloroaniline
Concen: 13.796 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampled :
TP-8-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		150720		
129	31.7	26.0	39.0		
65	29.5	23.9	35.9		
92	18.9	14.9	22.3		

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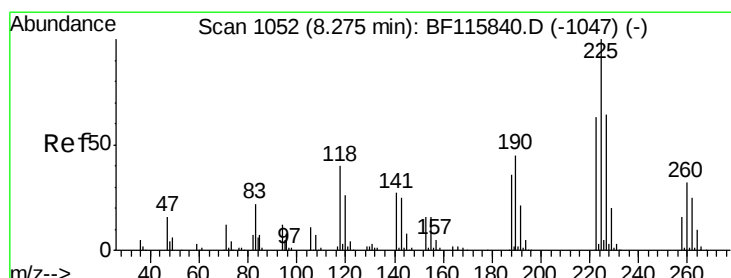
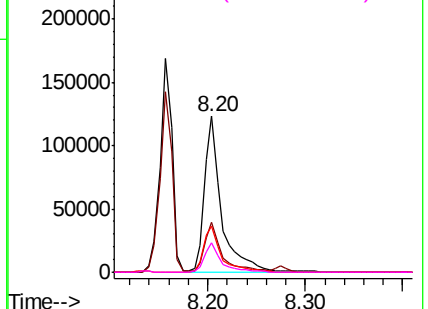
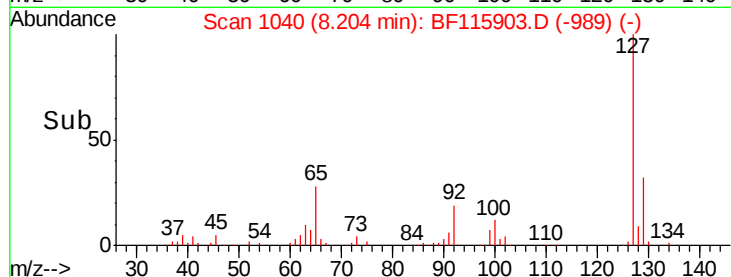
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

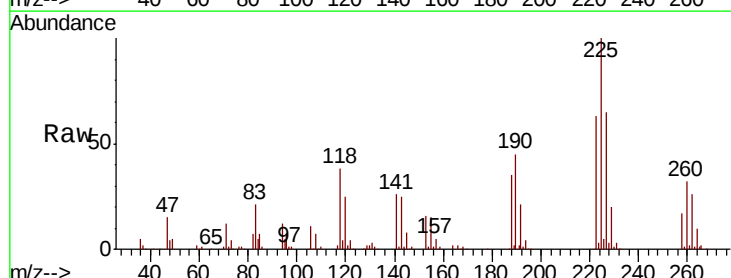
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 40.874 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		195316		
223	63.3	50.4	75.6		
227	64.5	51.6	77.4		

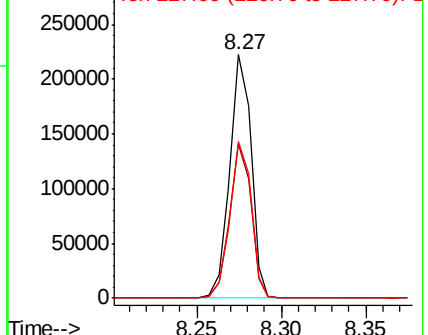
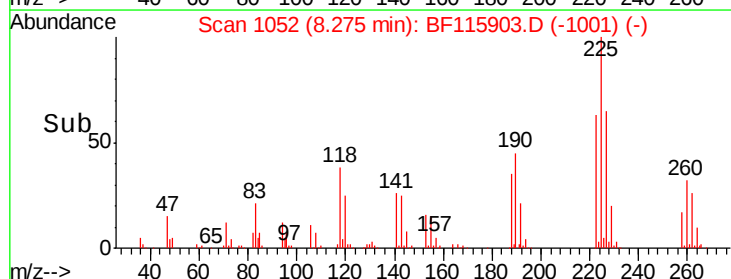


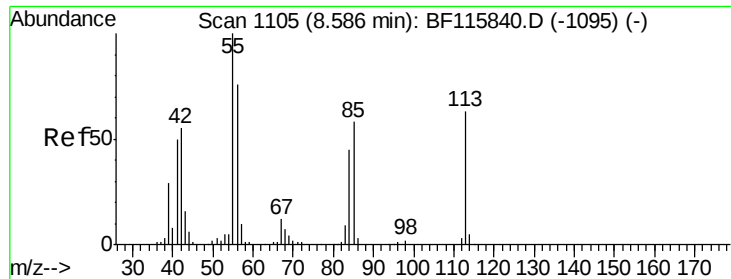
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





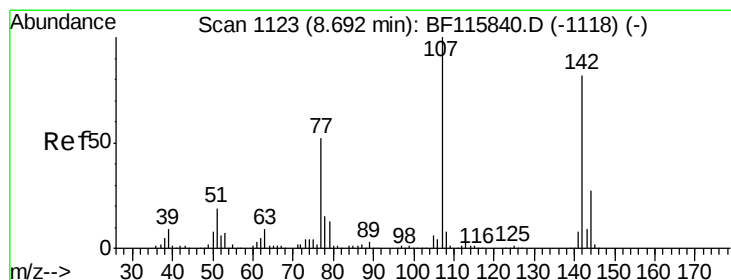
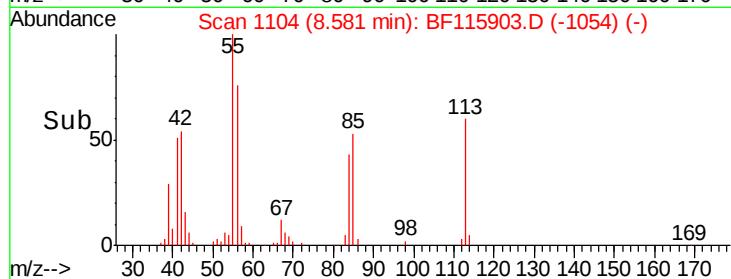
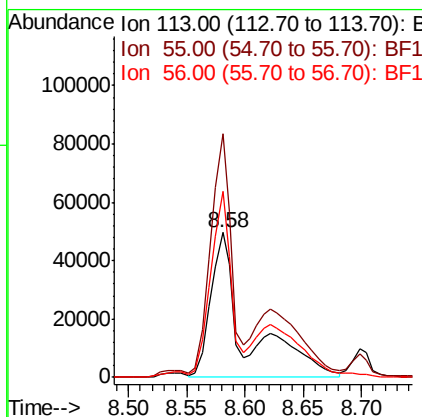
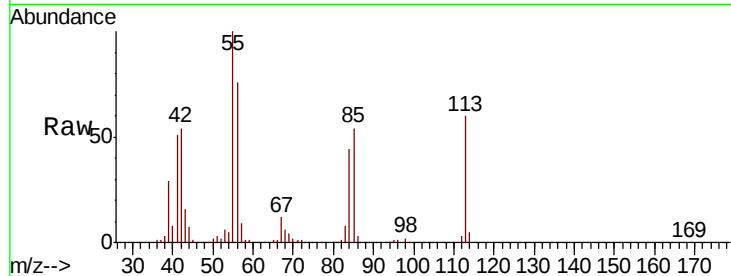
#35
Caprolactam
Concen: 44.452 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampled :
TP-8-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.0	138.1	178.1
56	128.1	100.6	140.6

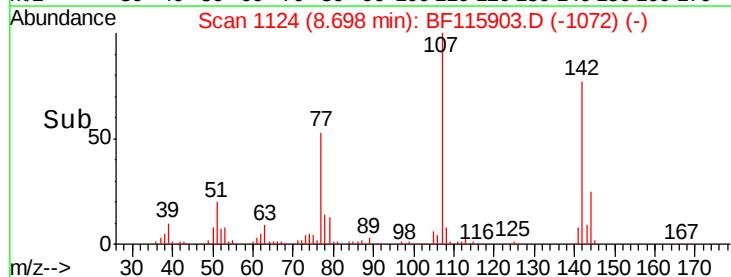
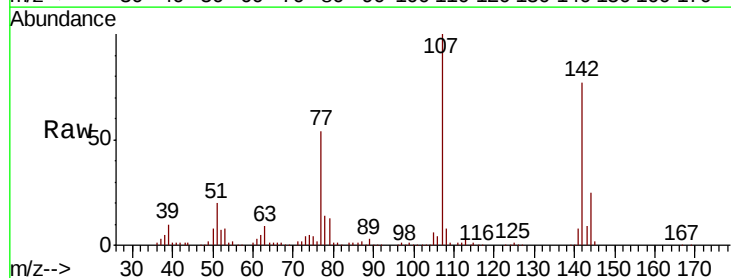
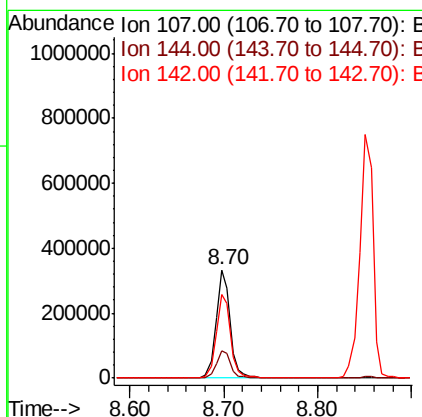
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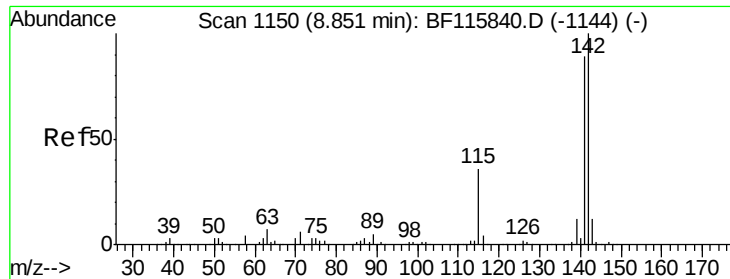
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#36
4-Chloro-3-methylphenol
Concen: 46.320 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.4	32.0
142	77.3	65.5	98.3





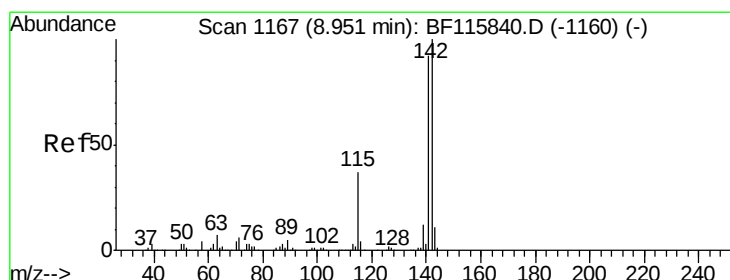
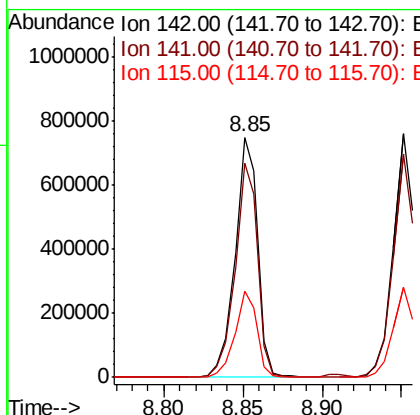
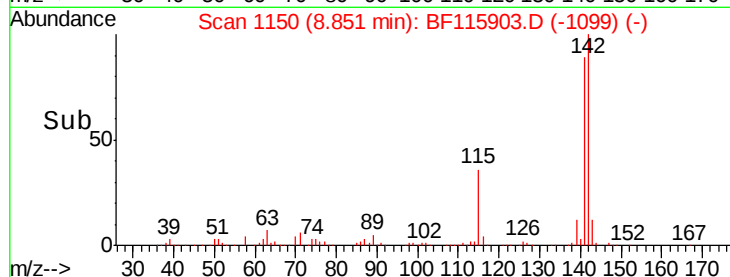
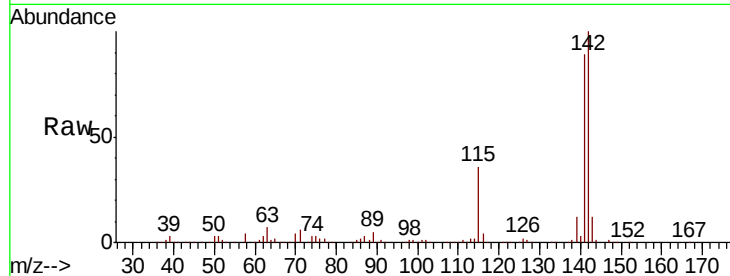
#37
 2-Methylnaphthalene
 Concen: 45.825 ng
 RT: 8.85 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	35.8	28.9	43.3

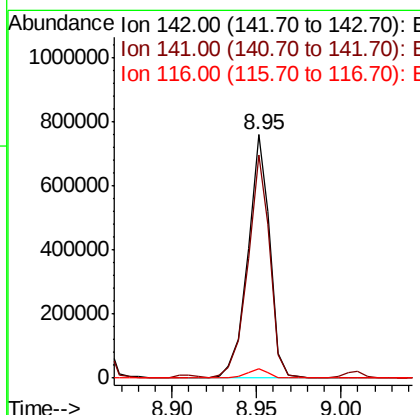
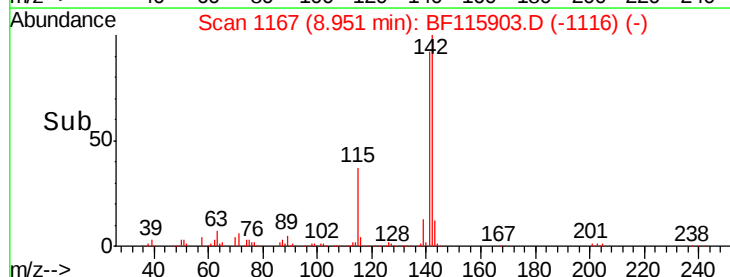
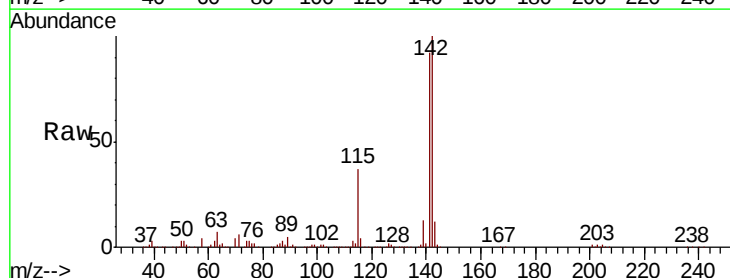
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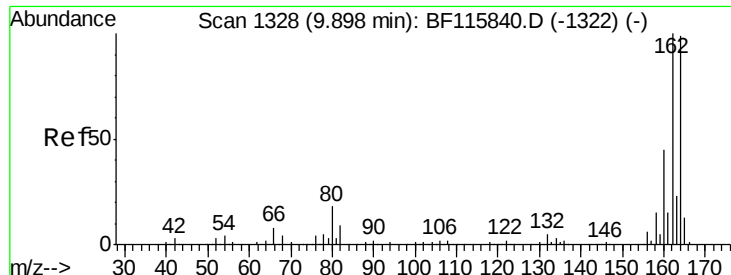
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#38
 1-Methylnaphthalene
 Concen: 44.897 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	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: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

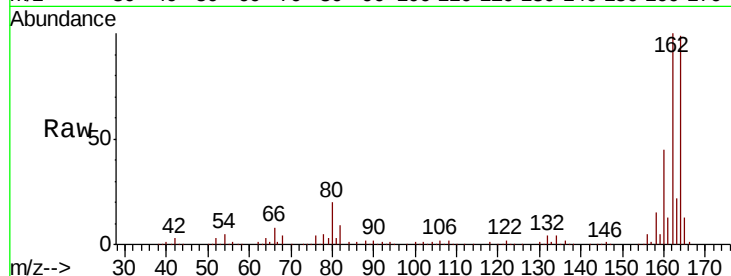
ClientSampleId :

TP-8-AMS

Tot Ion:	164	Resp:	276297
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.8	121.2
160	45.4	36.2	54.4

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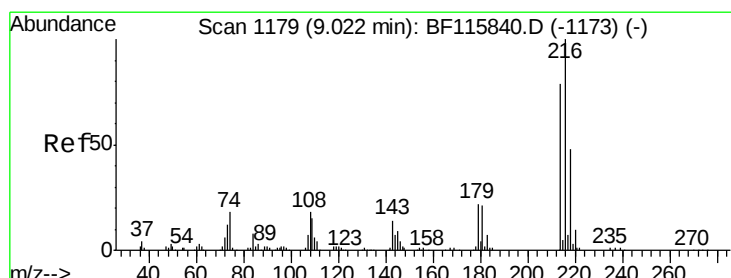
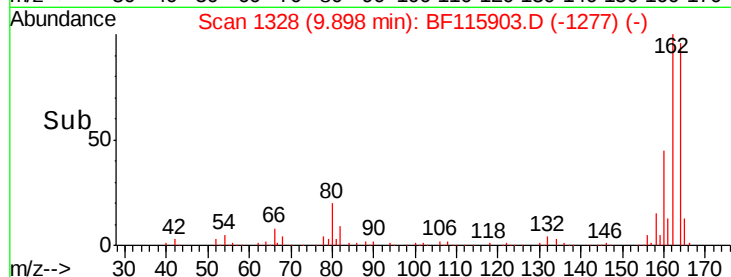
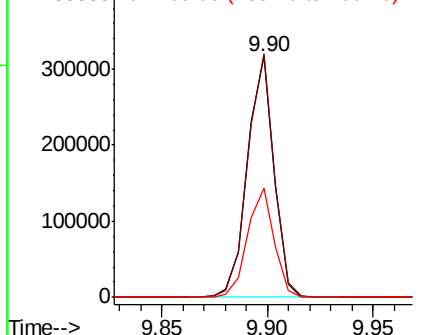


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.480 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Tgt Ion:	216	Resp:	328551
Ion Ratio	Lower	Upper	
216	100		
214	79.6	62.8	94.2
179	22.1	17.6	26.4
108	20.7	16.1	24.1

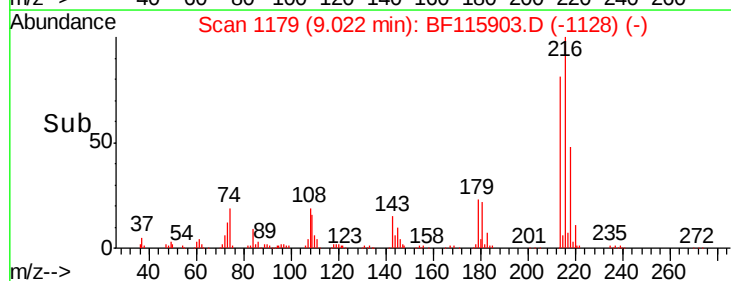
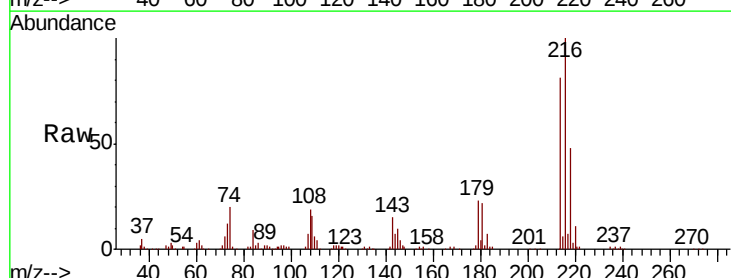
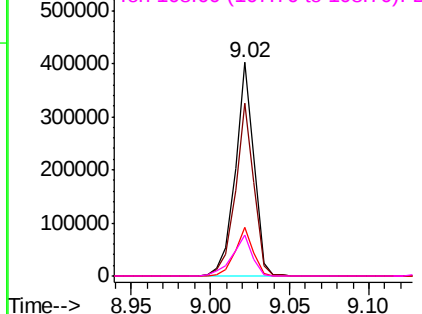
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 42.652 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

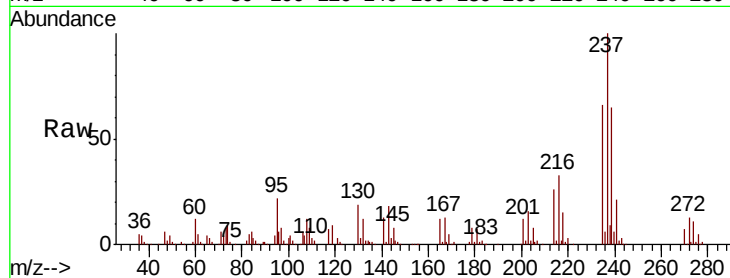
ClientSampleId :

TP-8-AMS

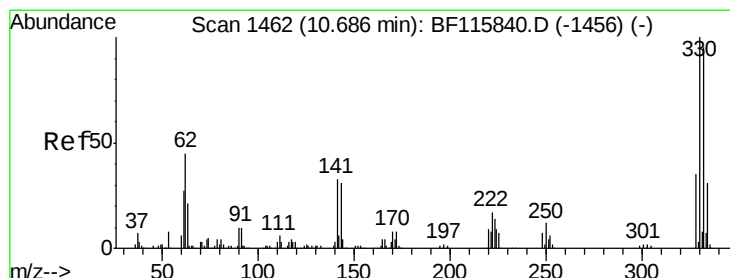
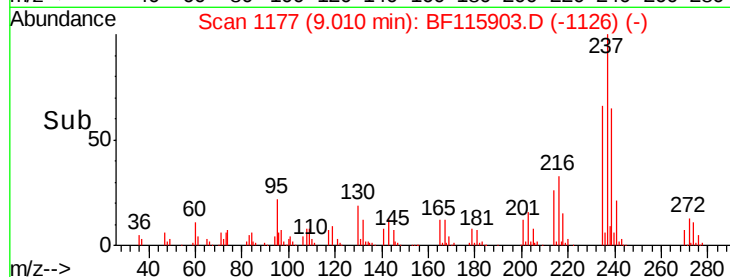
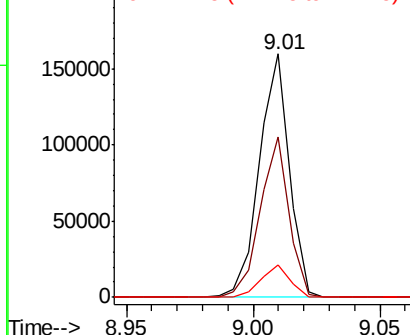
Tot Ion:	237	Resp:	131536
Ion Ratio	Lower	Upper	
237	100		
235	65.8	42.5	82.5
272	13.4	0.0	33.3

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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: 125.775 ng

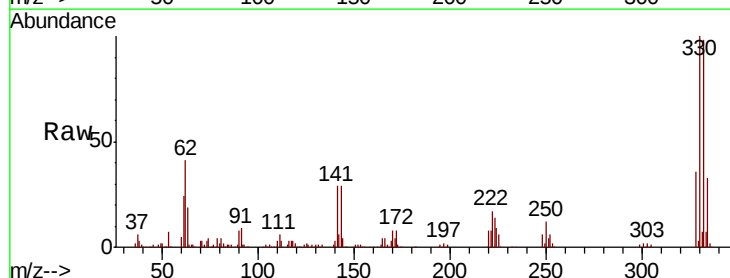
RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

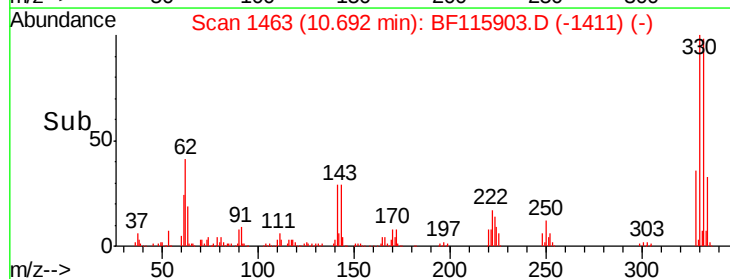
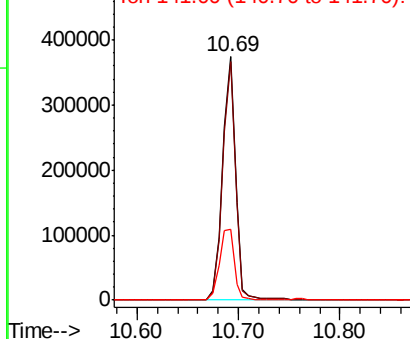
Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Tgt Ion:	330	Resp:	336923
Ion Ratio	Lower	Upper	
330	100		
332	97.5	77.7	116.5
141	33.5	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





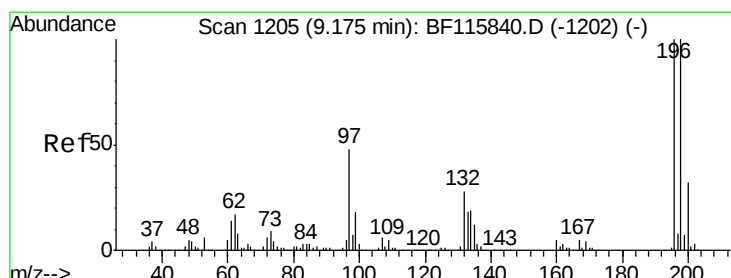
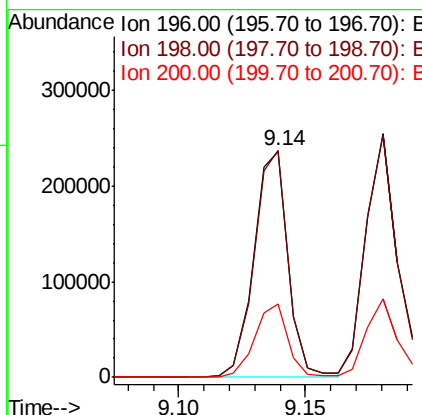
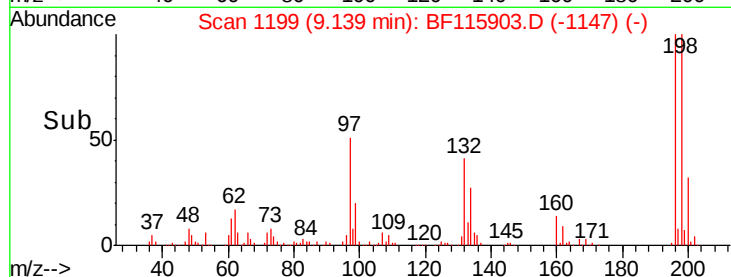
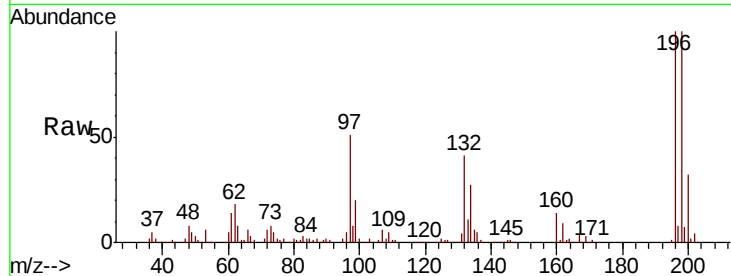
#43
 2,4,6-Trichlorophenol
 Concen: 43.828 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMS

Tot Ion:	196	Resp:	222834
Ion Ratio	Lower	Upper	
196	100		
198	100.4	79.1	118.7
200	32.4	26.0	39.0

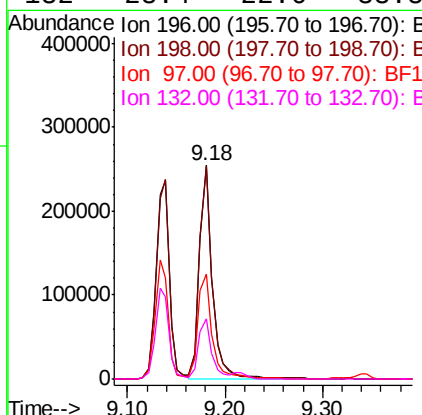
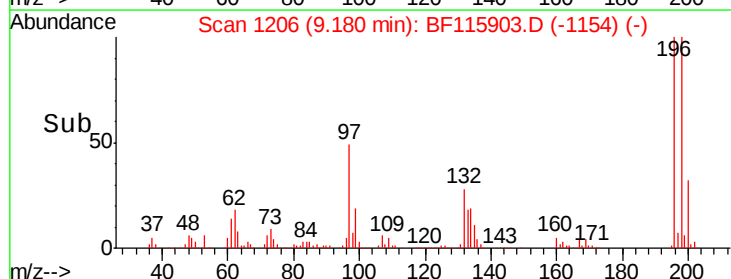
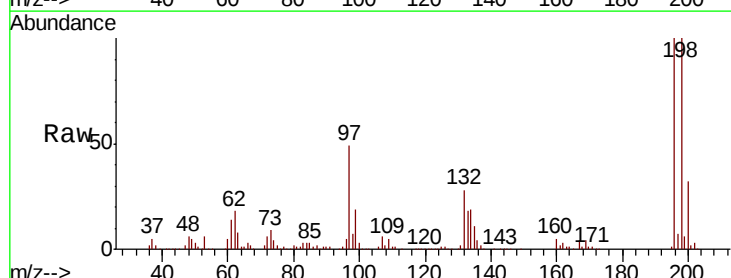
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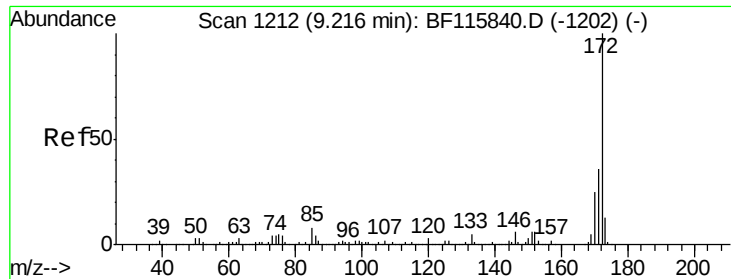
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.694 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion:	196	Resp:	234893
Ion Ratio	Lower	Upper	
196	100		
198	99.6	80.1	120.1
97	49.1	38.9	58.3
132	28.4	22.6	33.8





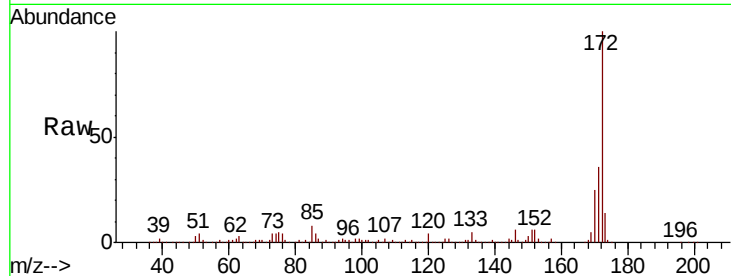
#45
2-Fluorobiphenyl
Concen: 95.754 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	25.2	20.1	30.1

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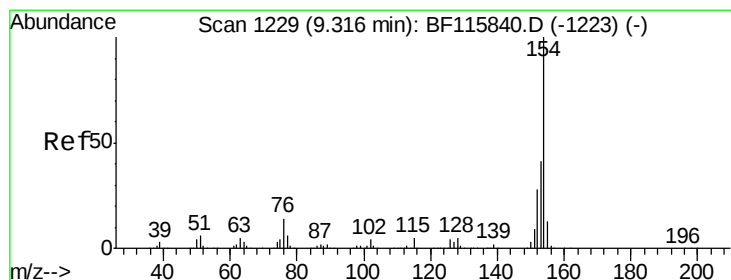
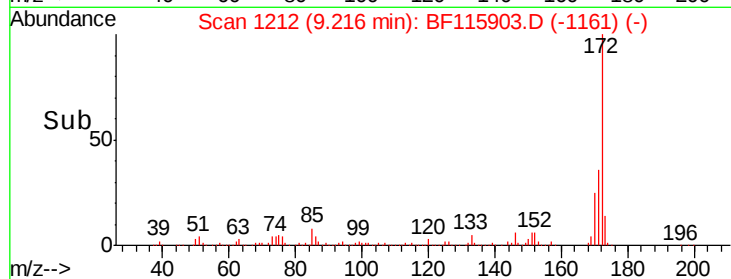
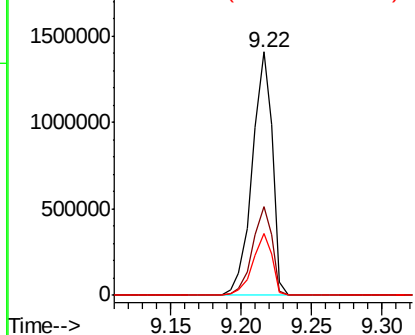


Abundance

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: 45.525 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

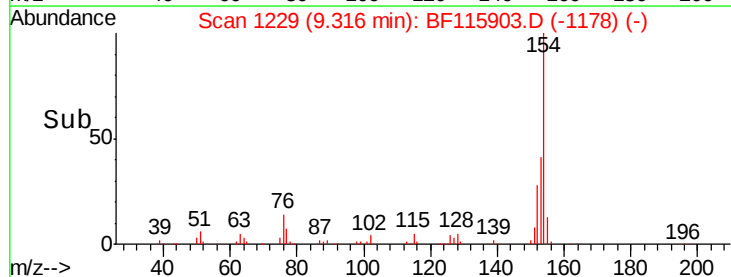
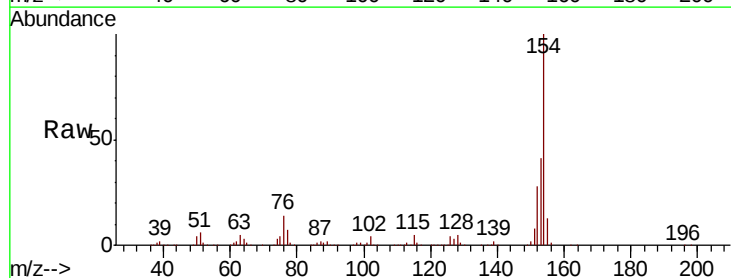
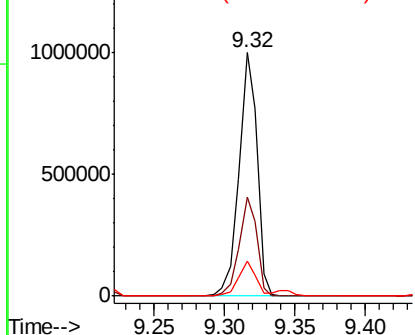
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	14.3	0.0	34.3

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





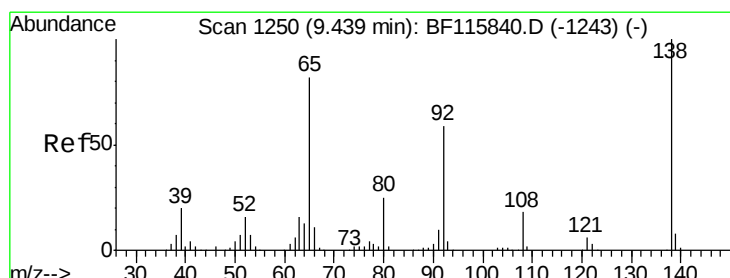
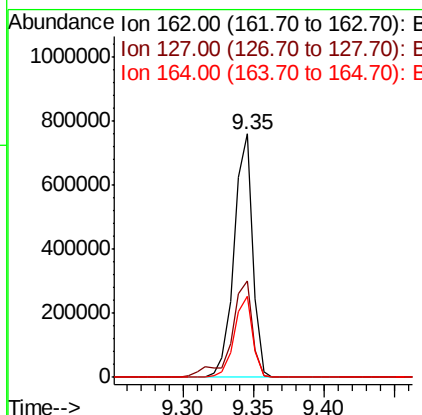
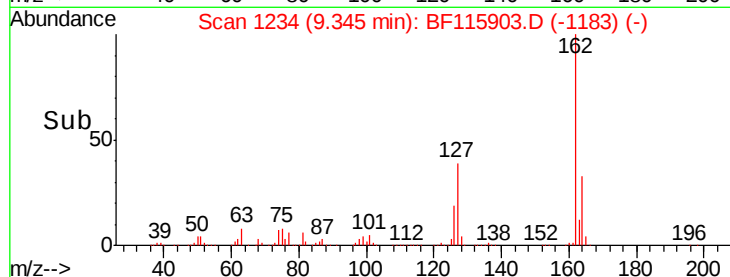
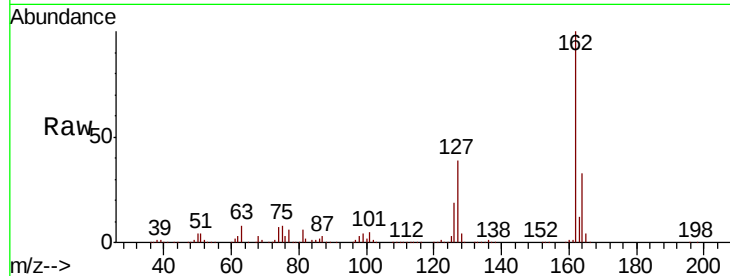
#47
 2-Chloronaphthalene
 Concen: 42.754 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	39.4		31.3	46.9	
164	33.3		26.6	40.0	

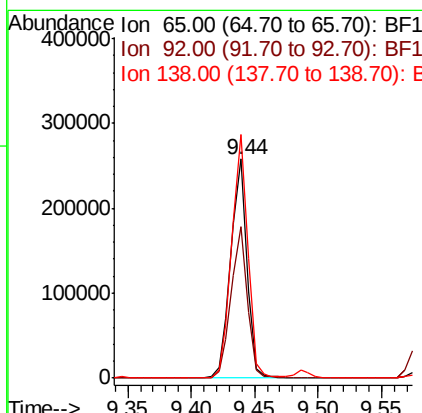
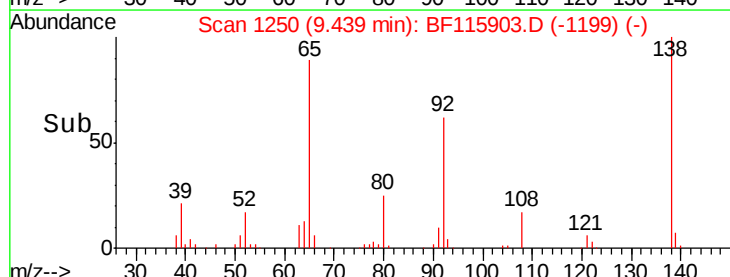
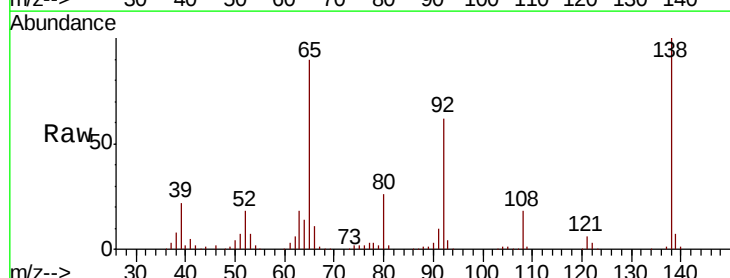
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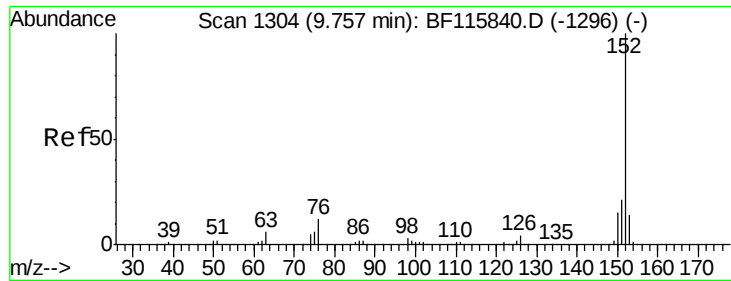
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#48
 2-Nitroaniline
 Concen: 42.644 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	69.3		57.1	85.7	
138	111.3		97.1	145.7	





#49

Acenaphthylene

Concen: 45.291 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

ClientSampled :

TP-8-AMS

Tot Ion:152 Resp: 1072749

Ion Ratio Lower Upper

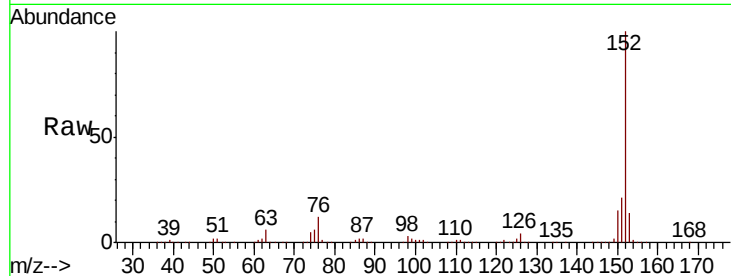
152 100

151 20.7 16.8 25.2

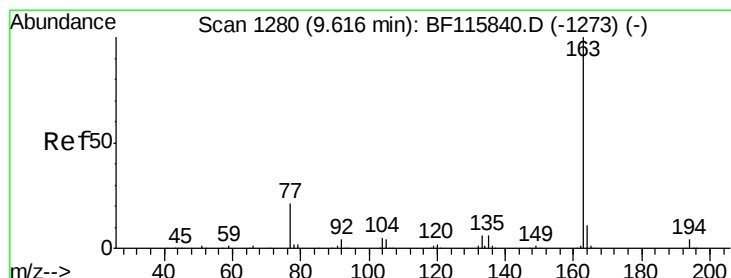
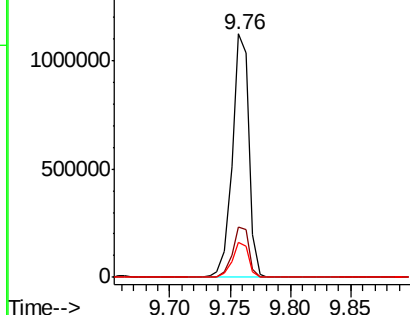
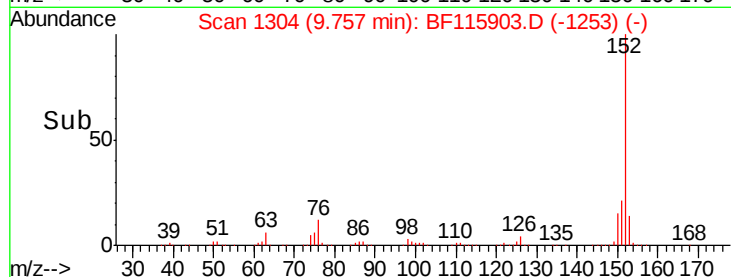
153 14.4 11.6 17.4

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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: 62.119 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

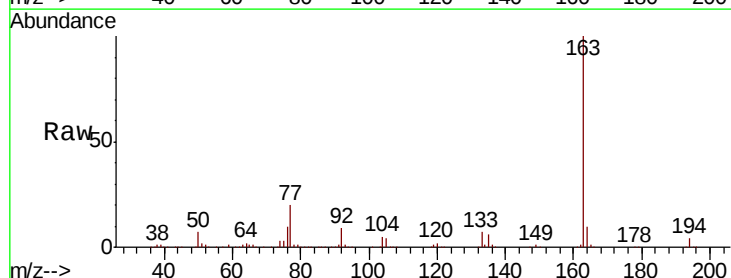
Tgt Ion:163 Resp: 1168625

Ion Ratio Lower Upper

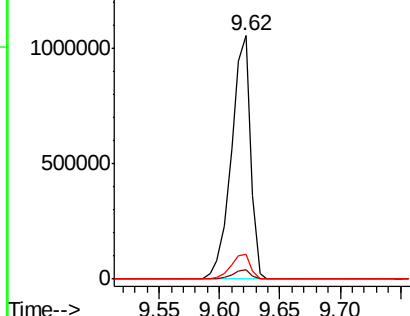
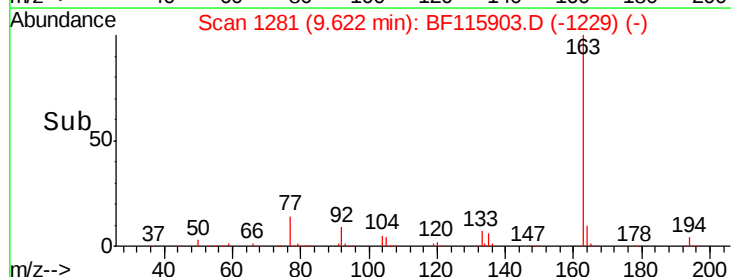
163 100

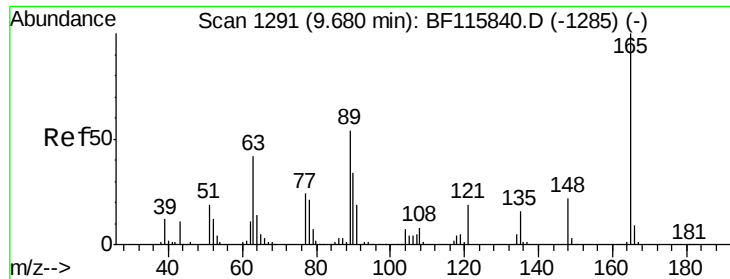
194 4.0 3.0 4.6

164 10.4 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: 45.183 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

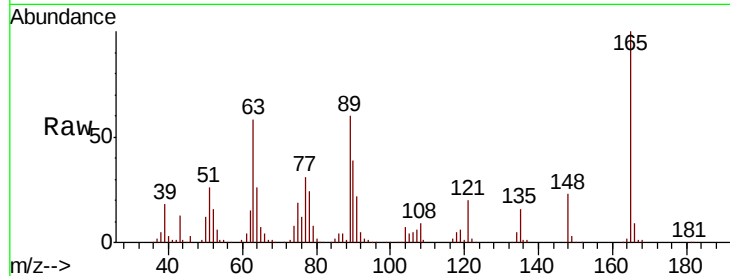
ClientSampled :

TP-8-AMS

Tot Ion:	165	Resp:	184723
Ion Ratio	Lower	Upper	
165	100		
63	57.8	39.4	59.2
89	60.1	43.0	64.6

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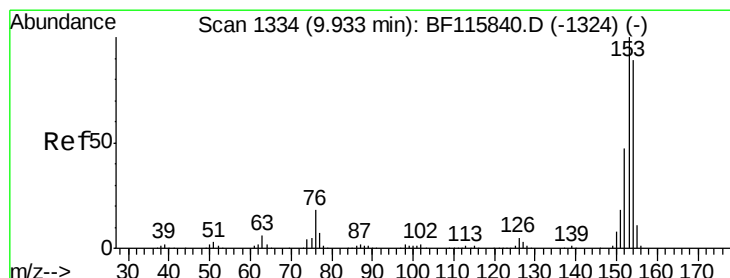
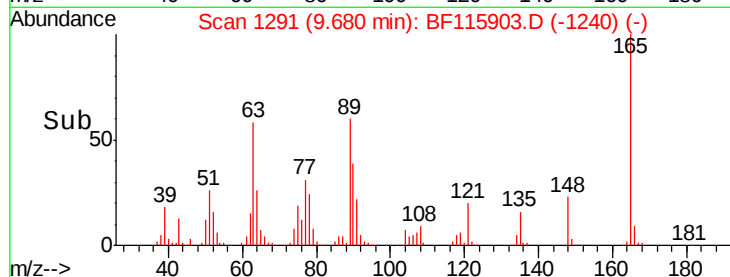
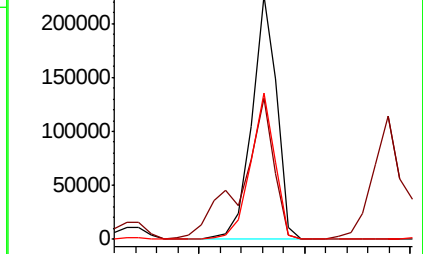
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.139 ng

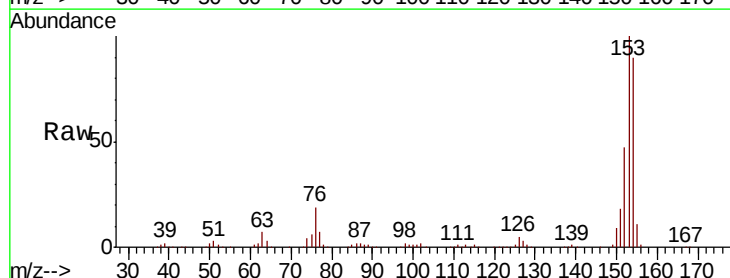
RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

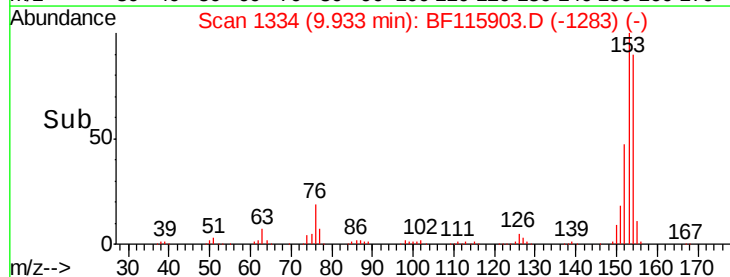
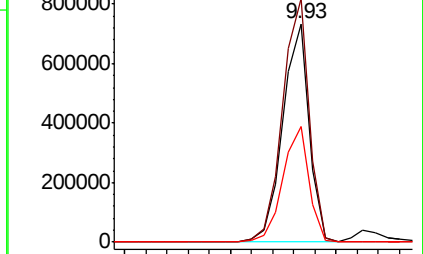
Tgt Ion:	154	Resp:	641377
Ion Ratio	Lower	Upper	
154	100		
153	111.5	90.1	135.1
152	52.7	42.6	63.8

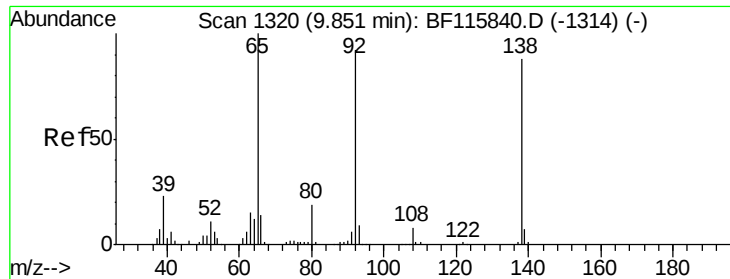


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





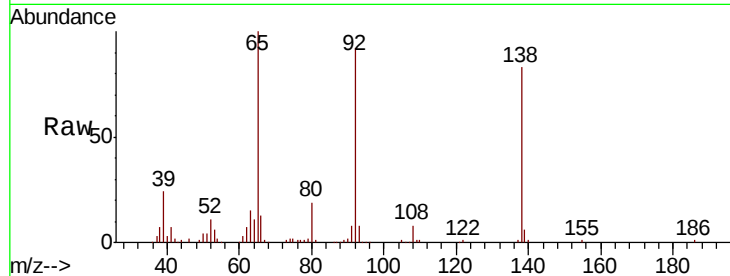
#53
3-Nitroaniline
Concen: 22.867 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	115518		
108	10.0	7.4	11.2	
92	111.6	83.9	125.9	

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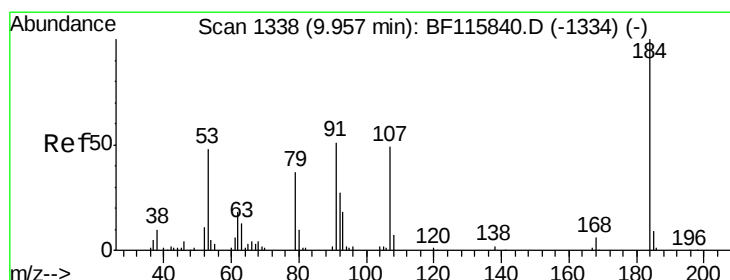
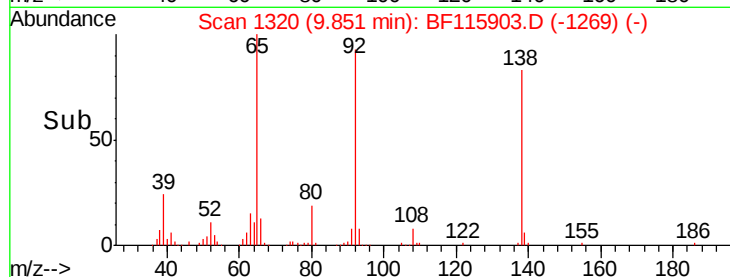
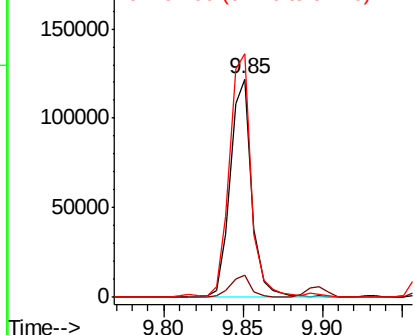


Abundance

Ion 138.00 (137.70 to 138.70): E

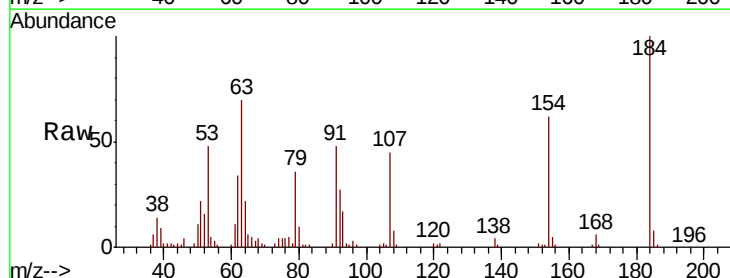
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 36.577 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	66285		
63	70.4	56.7	85.1	
154	61.5	51.9	77.9	

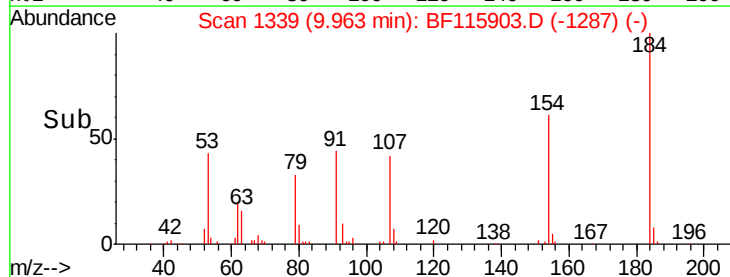
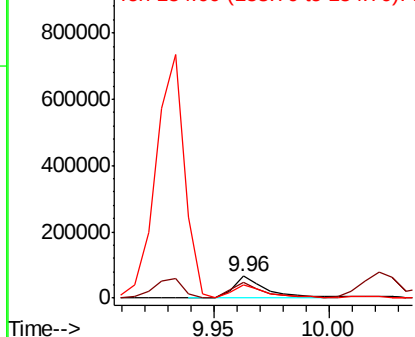


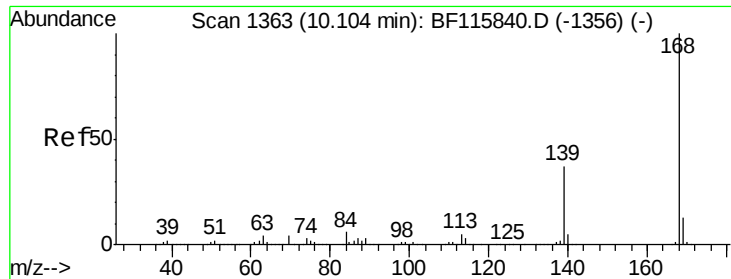
Abundance

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





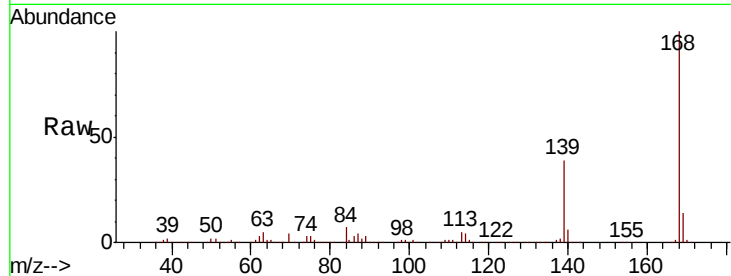
#55
Dibenzenofuran
Concen: 45.283 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

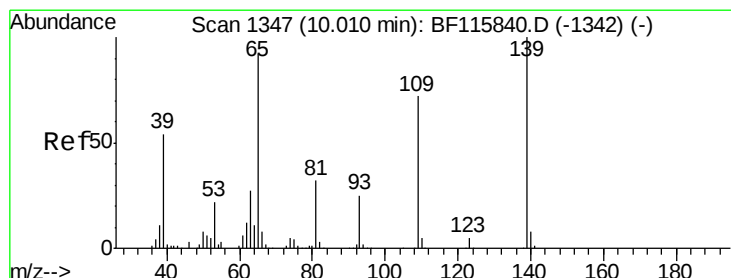
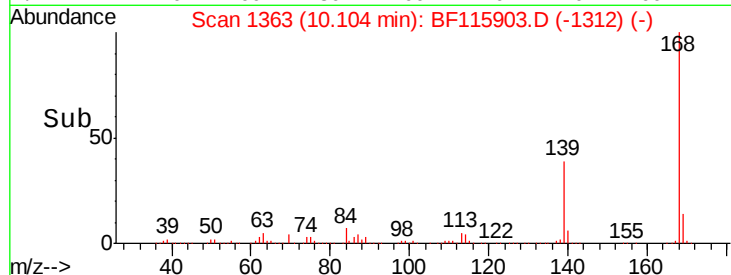
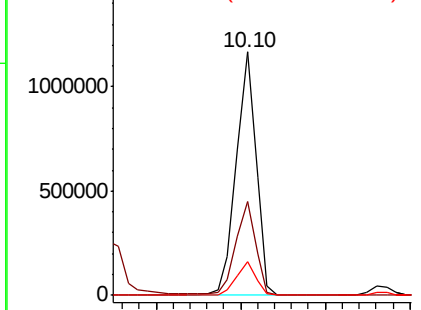
Tot Ion:168	Resp:	956900
Ion Ratio	Lower	Upper
168	100	
139	38.7	30.2 45.2
169	13.9	10.8 16.2

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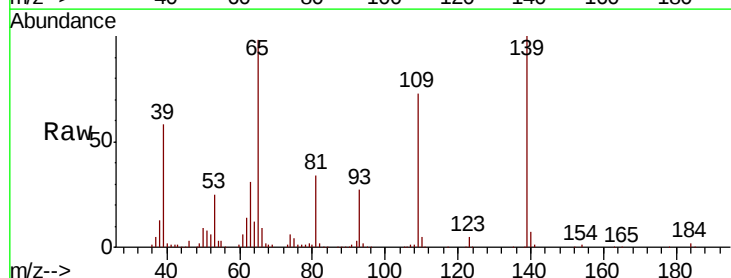


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

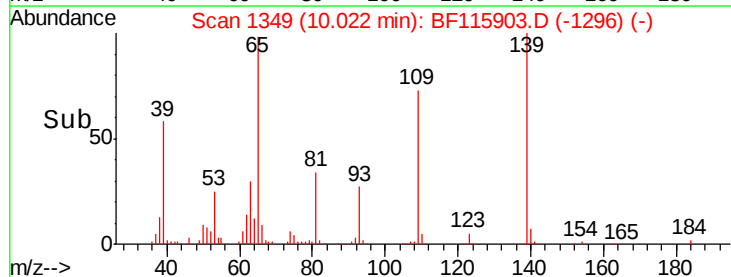
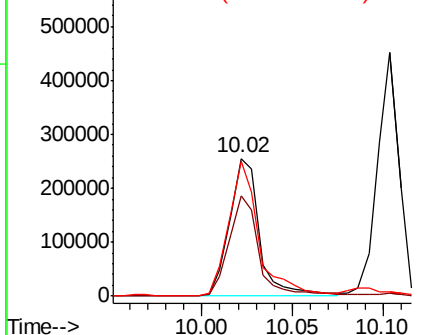


#56
4-Nitrophenol
Concen: 91.124 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:139	Resp:	294885
Ion Ratio	Lower	Upper
139	100	
109	73.0	52.0 92.0
65	98.3	72.6 112.6



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





#57

2,4-Dinitrotoluene

Concen: 44.434 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

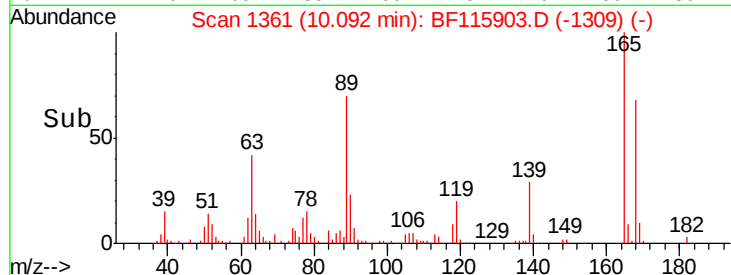
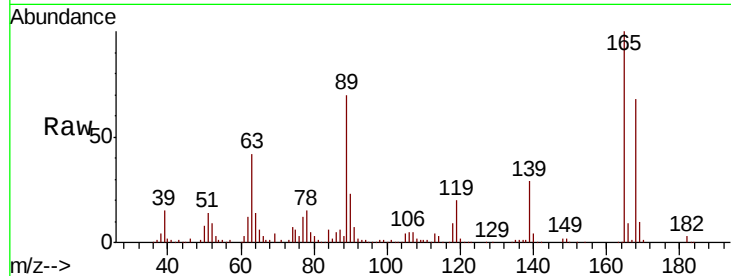
ClientSampleId :

TP-8-AMS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	41.7	33.2	49.8
89	69.8	57.3	85.9
182	2.7	2.1	3.1

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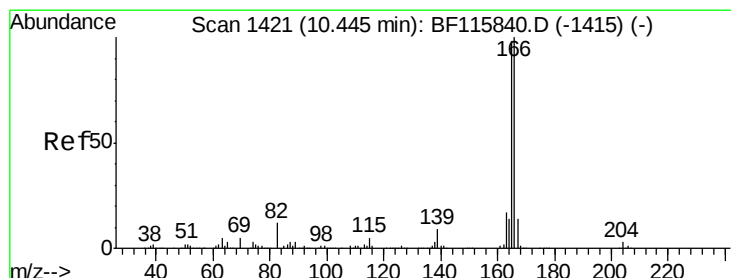
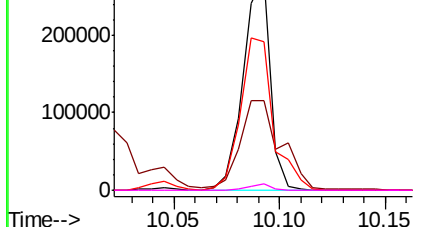


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.095 ng

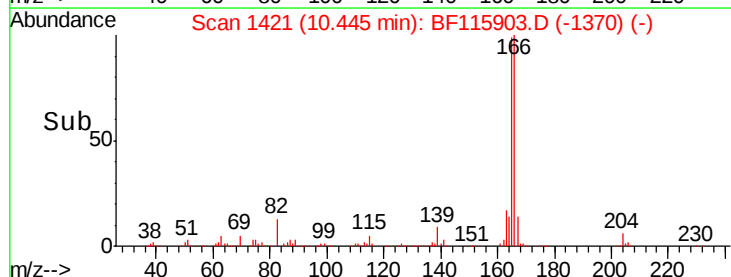
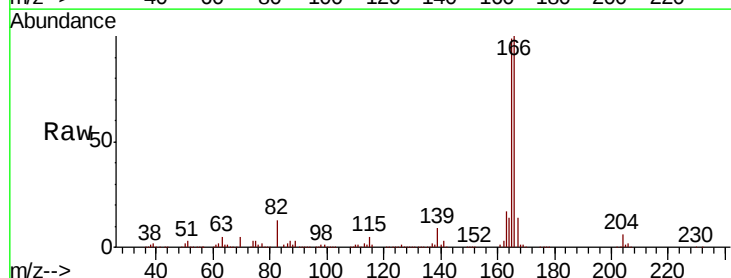
RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

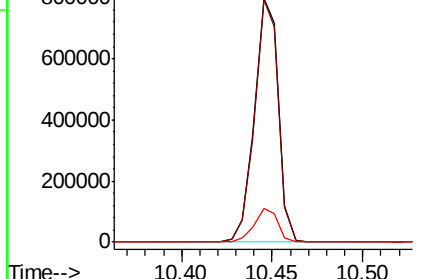
Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	99.3	78.6	118.0
167	13.7	10.9	16.3



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





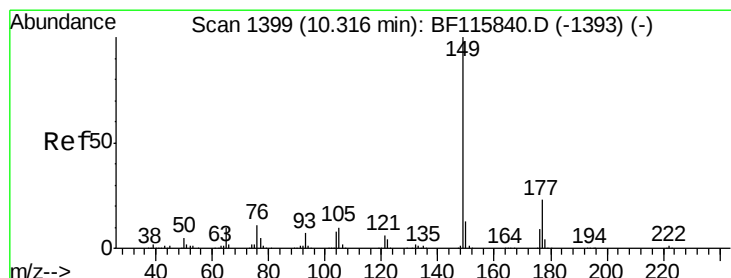
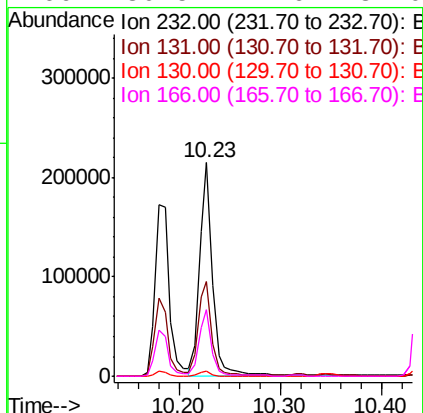
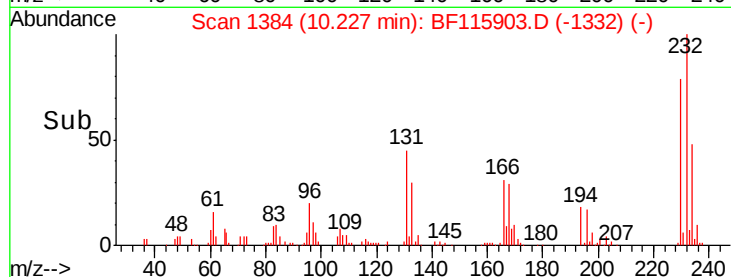
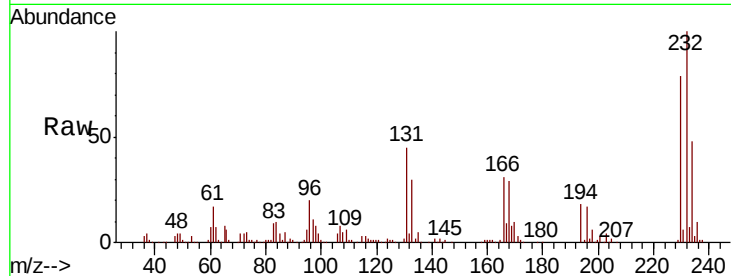
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.187 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	190955		
131	45.9		37.6	56.4
130	2.4		1.8	2.8
166	30.5		24.6	37.0

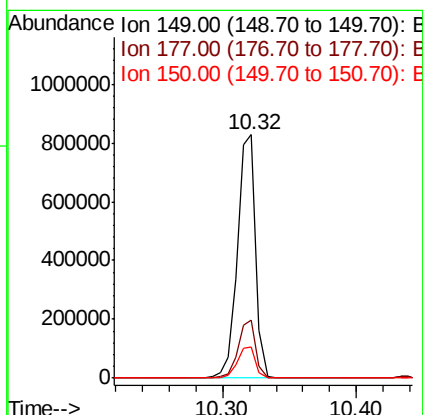
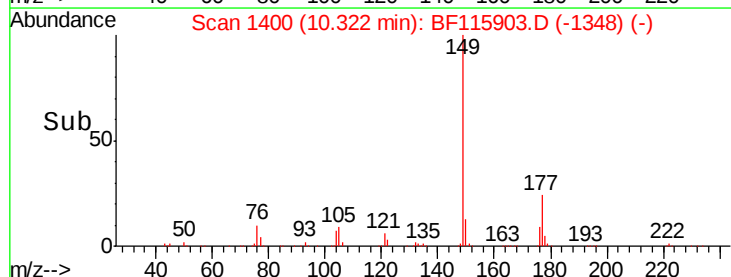
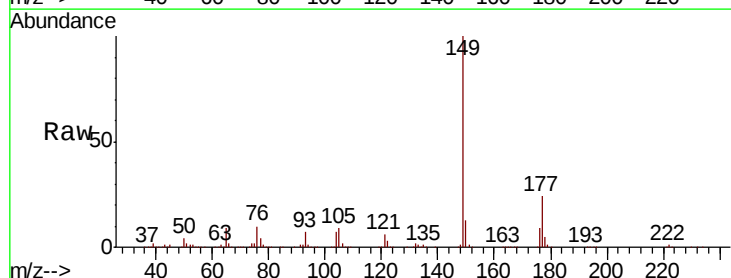
Manual Integrations
 APPROVED

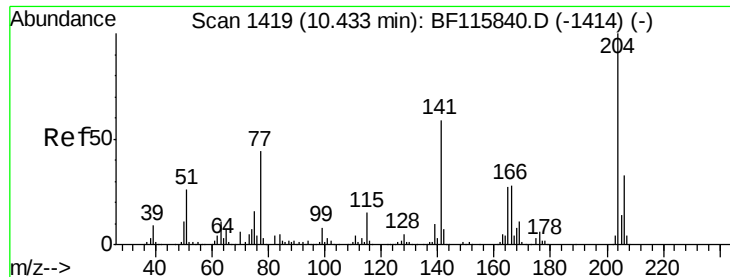
mohammad
 8/5/2019 1:47:56 PM



#60
 Diethylphthalate
 Concen: 44.790 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	786689		
177	23.6		18.4	27.6
150	12.7		10.1	15.1





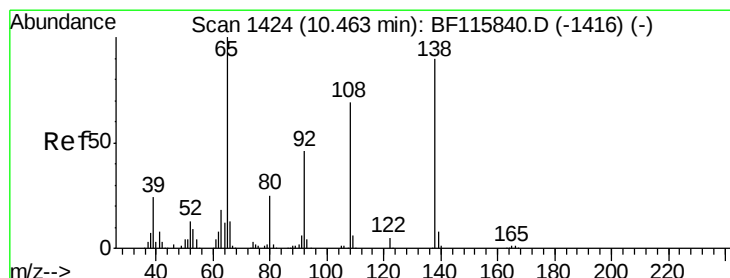
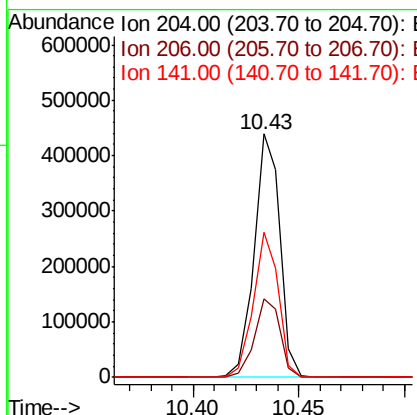
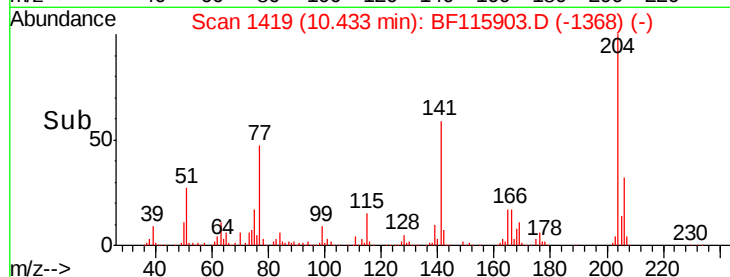
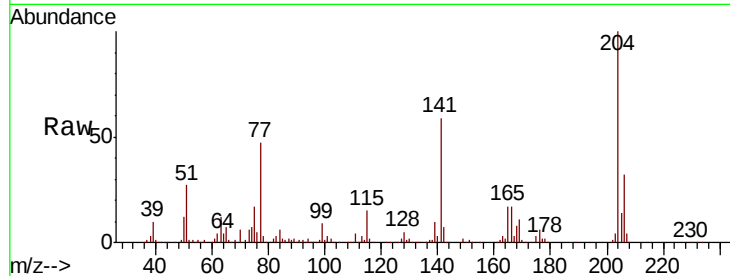
#61
 4-Chlorophenyl-phenylether
 Concen: 45.169 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampled :
 TP-8-AMS

Tot Ion:	204	Resp:	371917
Ion Ratio		Lower	Upper
204	100		
206	32.1	26.4	39.6
141	59.3	47.0	70.4

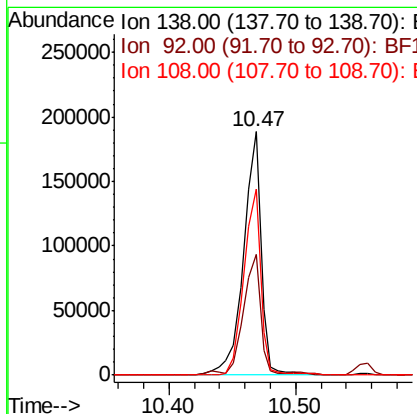
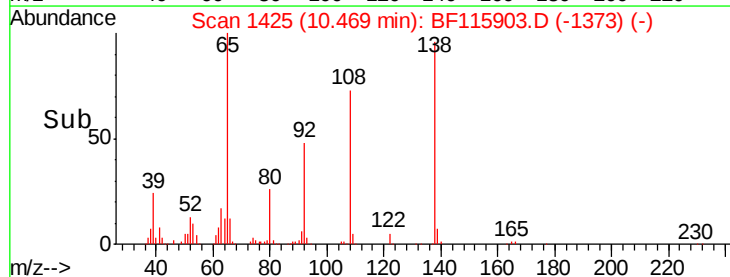
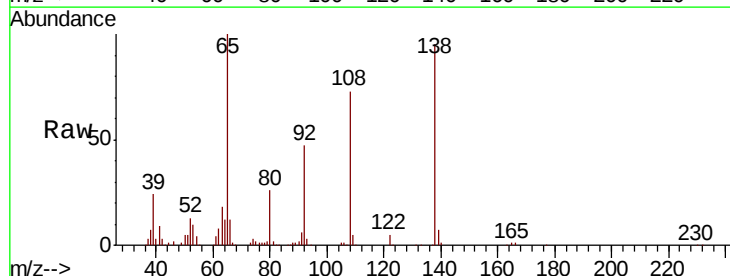
Manual Integrations
 APPROVED

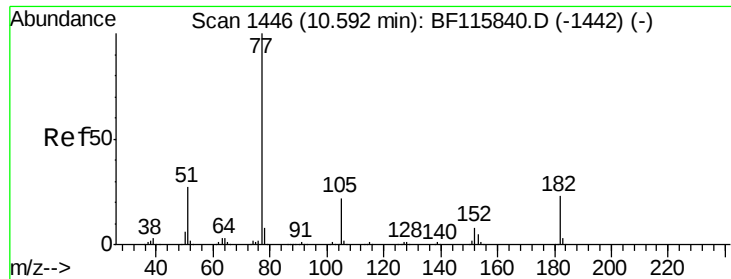
mohammad
 8/5/2019 1:47:56 PM



#62
 4-Nitroaniline
 Concen: 34.820 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion:	138	Resp:	181779
Ion Ratio		Lower	Upper
138	100		
92	49.7	31.0	71.0
108	76.4	56.7	96.7





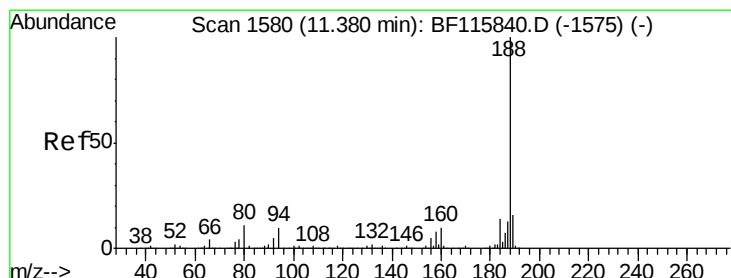
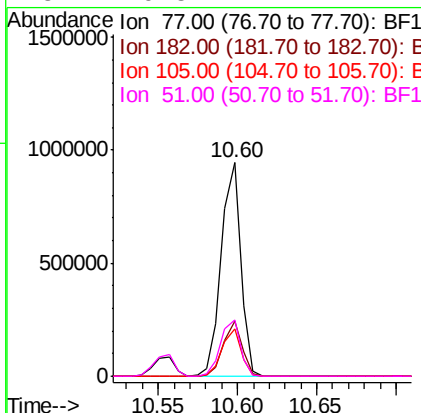
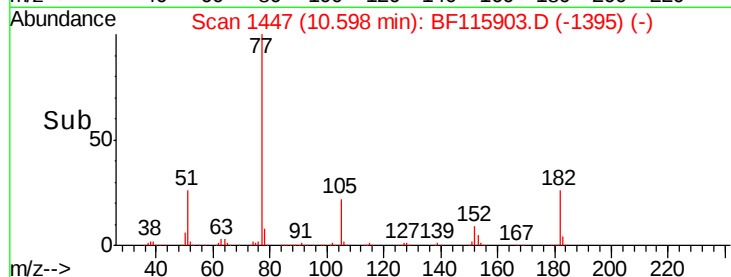
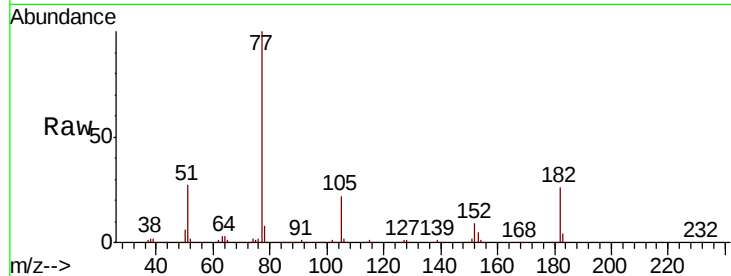
#63
Azobenzene
Concen: 44.781 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampled :
TP-8-AMS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	808998		
182	25.9	2.6	42.6	
105	22.1	1.6	41.6	
51	26.5	7.4	47.4	

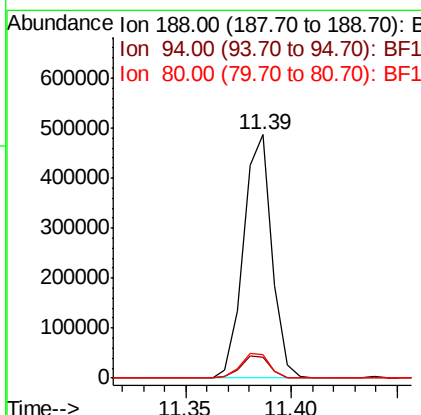
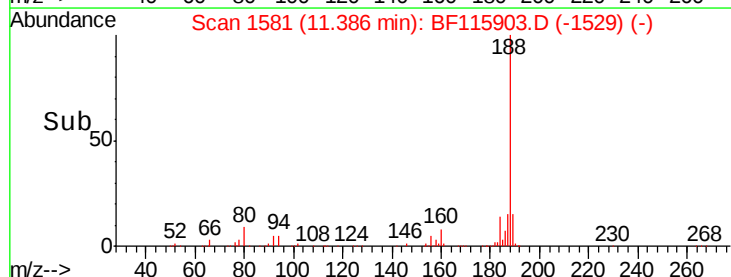
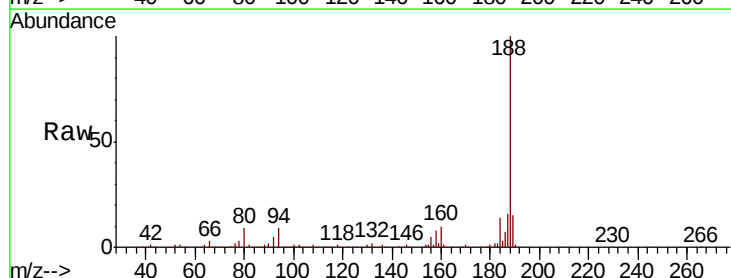
Manual Integrations
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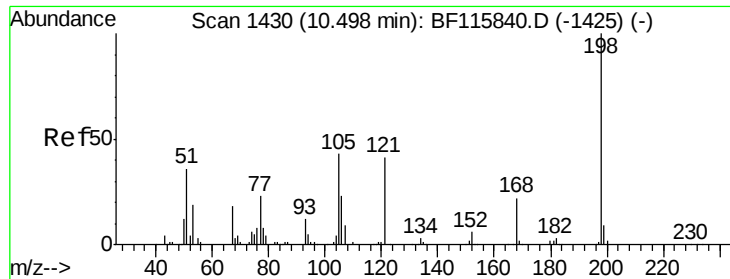
mohammad
8/5/2019 1:47:56 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	452856		
94	8.7	8.0	12.0	
80	9.5	8.6	12.8	





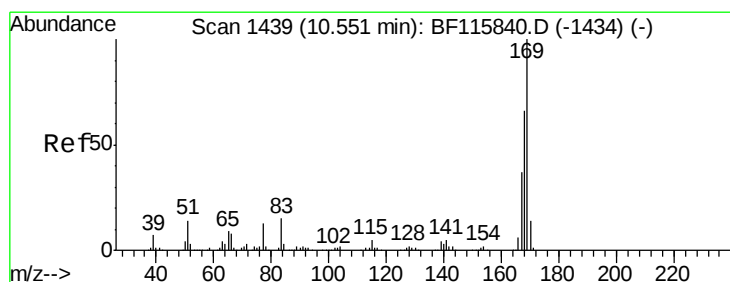
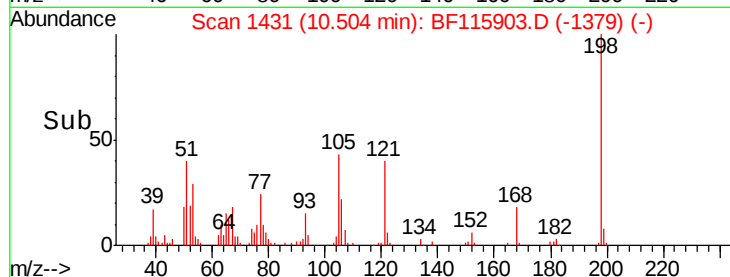
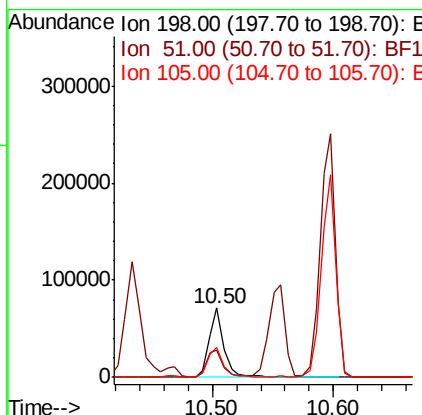
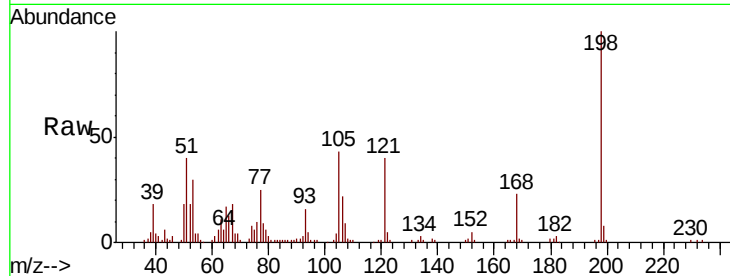
#65
4,6-Dinitro-2-methylphenol
Concen: 25.036 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	40.2	21.1	61.1
105	42.8	24.5	64.5

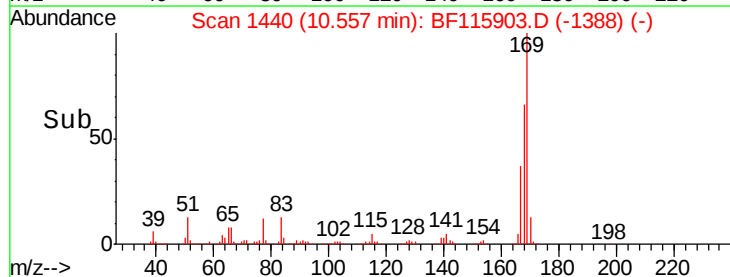
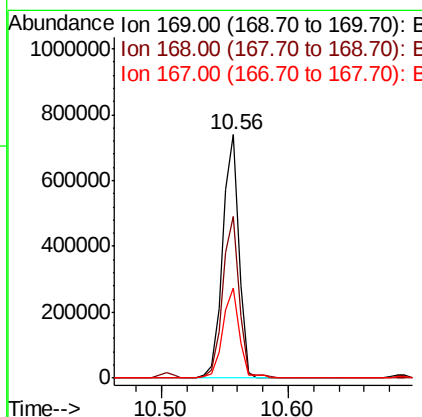
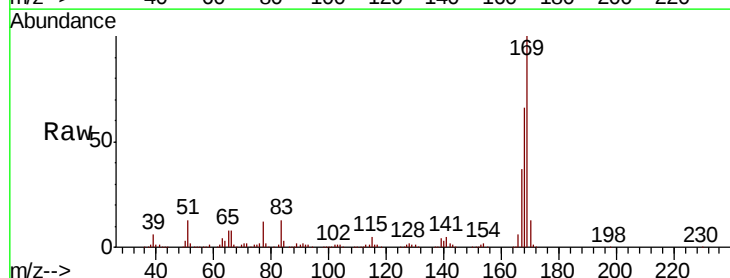
Manual Integrations
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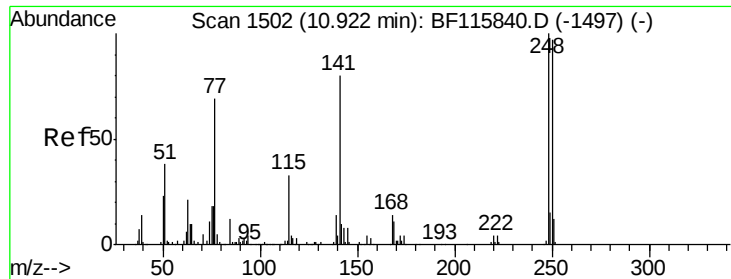
mohammad
8/5/2019 1:47:56 PM



#66
n-Nitrosodiphenylamine
Concen: 48.524 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	53.0	79.6
167	37.0	29.9	44.9





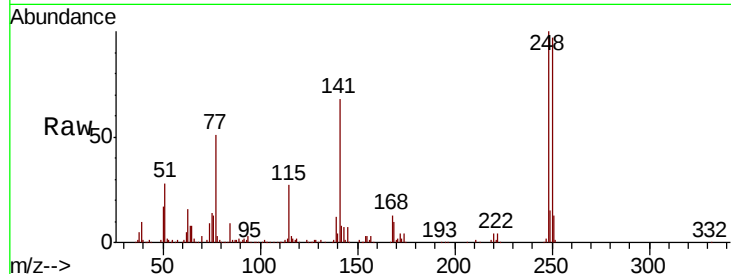
#67
4-Bromophenyl-phenylether
Concen: 45.992 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	77.8	116.6
141	67.6	64.3	96.5

Manual Integrations
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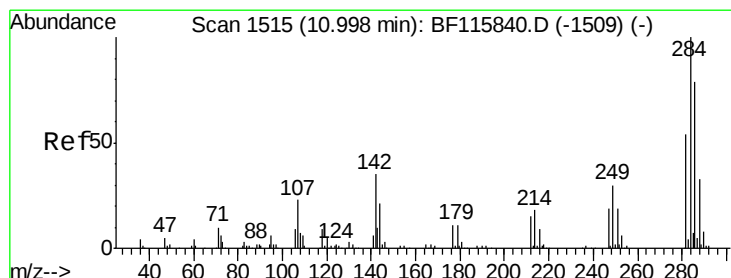
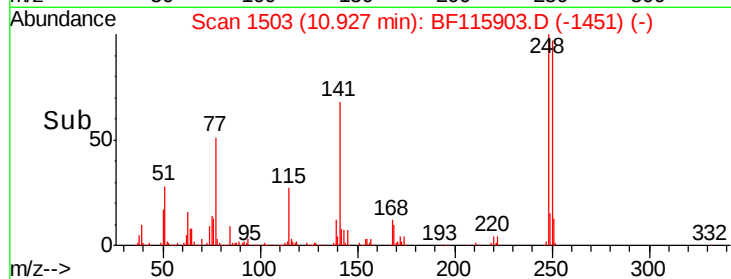
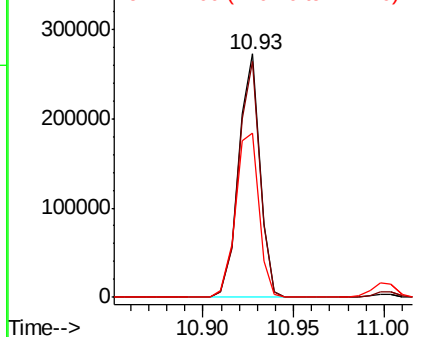


Abundance

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: 43.598 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

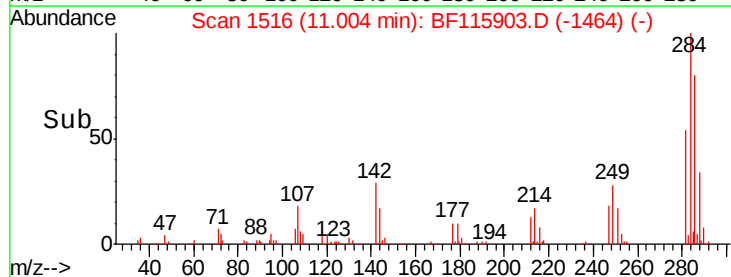
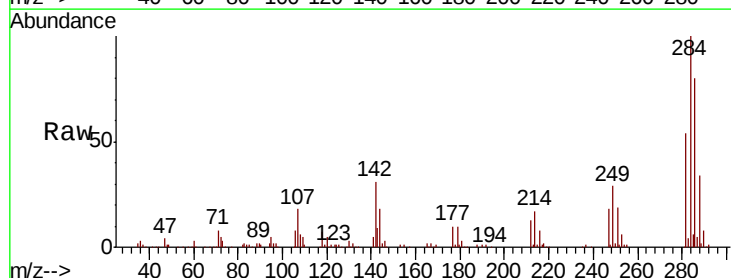
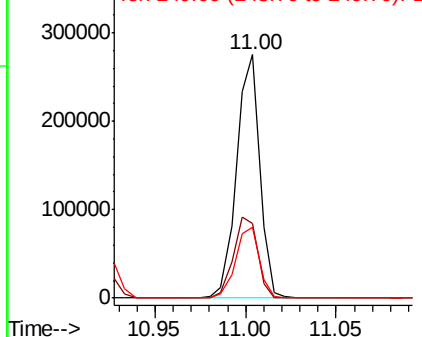
Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	28.2	42.2
249	29.2	24.0	36.0

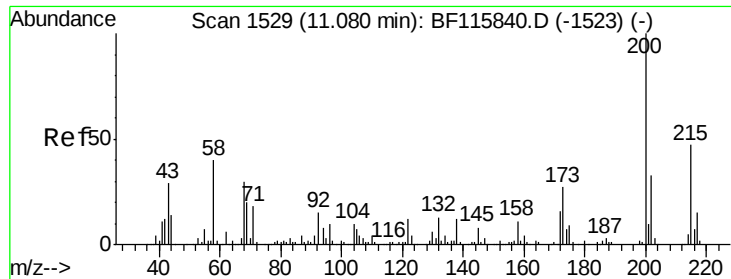
Abundance

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





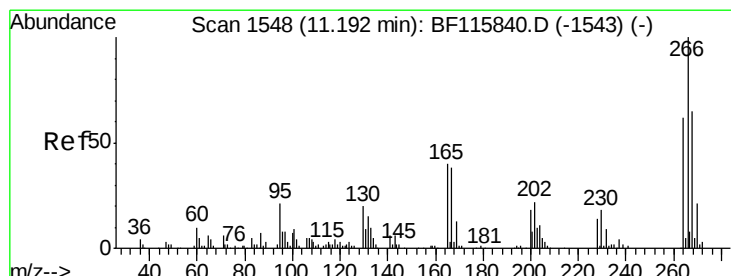
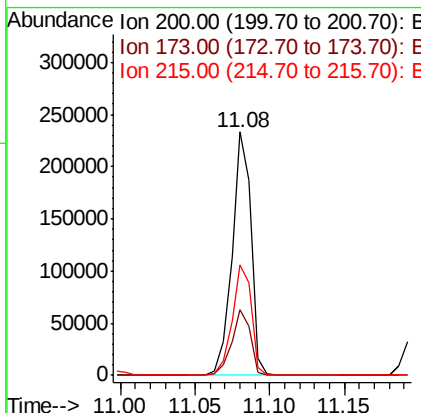
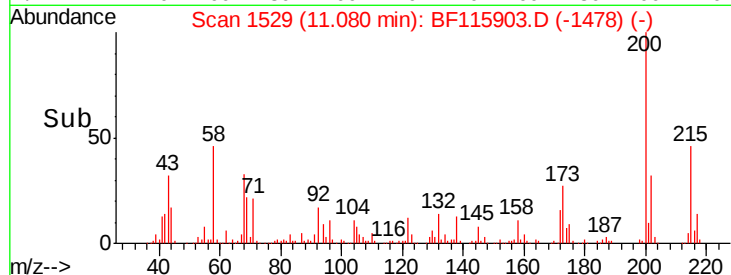
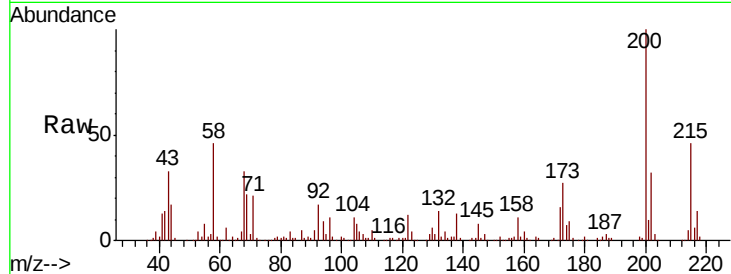
#69
 Atrazine
 Concen: 46.412 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.2	7.3	47.3
215	45.6	26.9	66.9

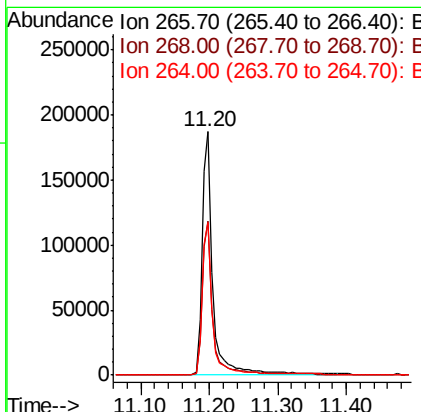
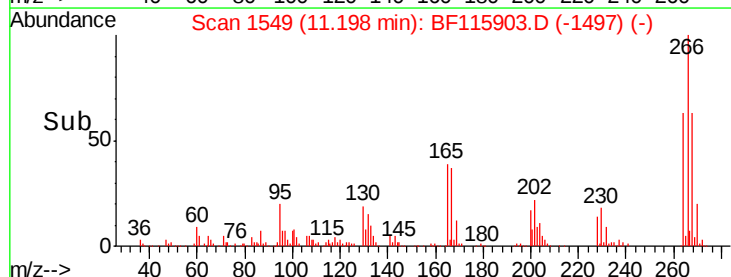
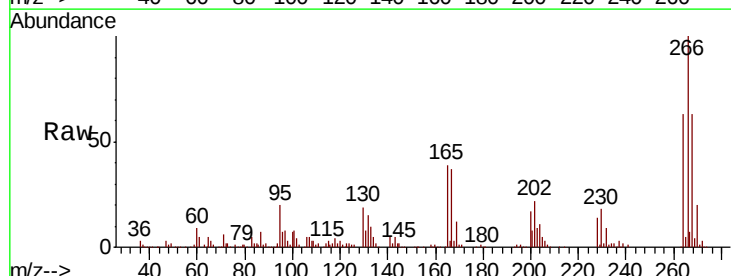
Manual Integrations
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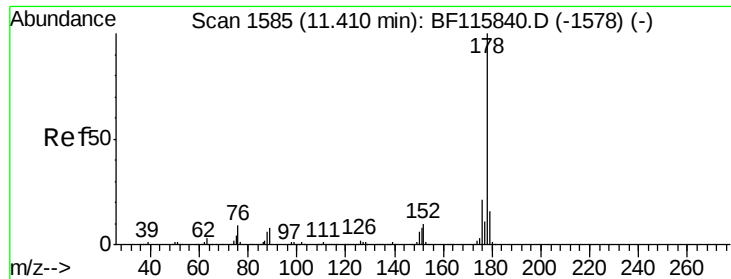
mohammad
 8/5/2019 1:47:56 PM



#70
 Pentachlorophenol
 Concen: 78.028 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	51.6	77.4
264	62.9	49.4	74.0





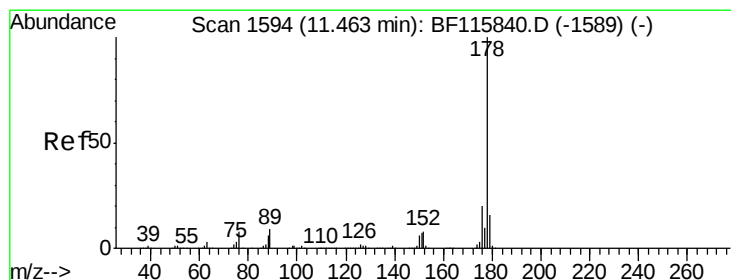
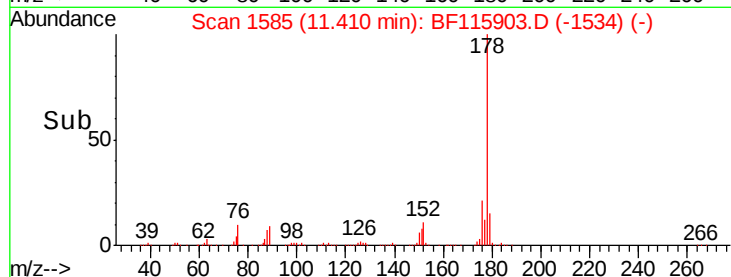
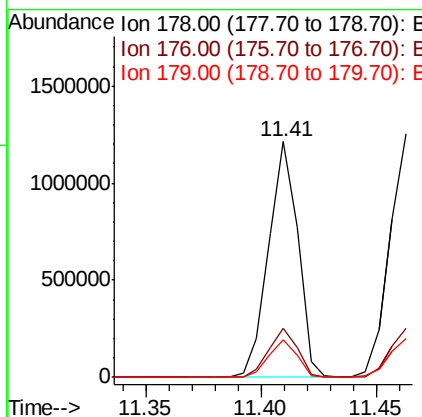
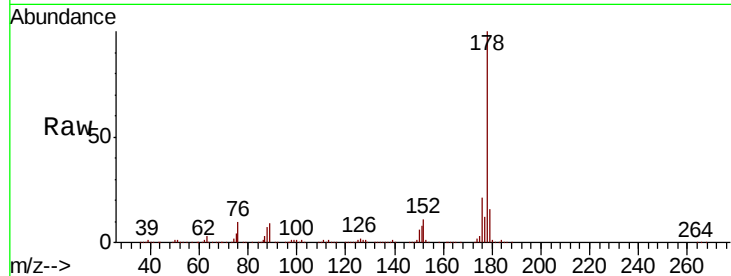
#71
Phenanthrene
Concen: 46.247 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Tot Ion:178 Resp: 1070660
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 16.0 12.6 18.8

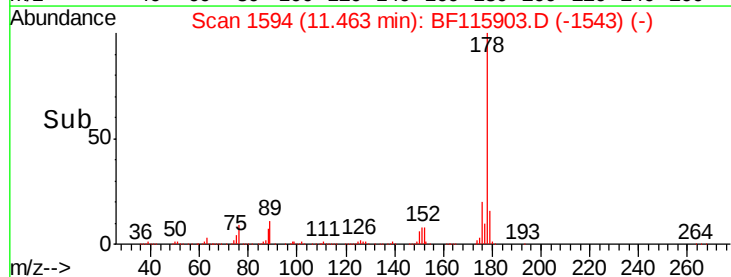
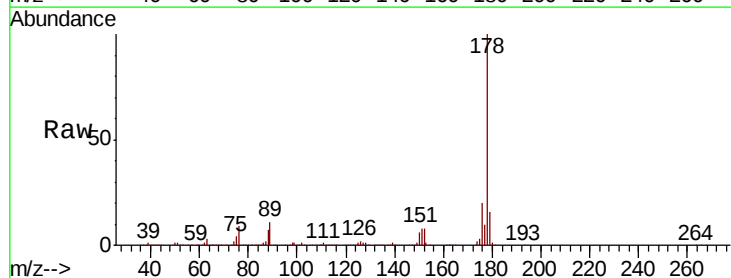
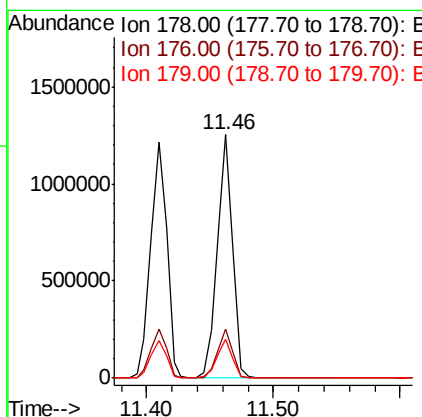
Manual Integrations
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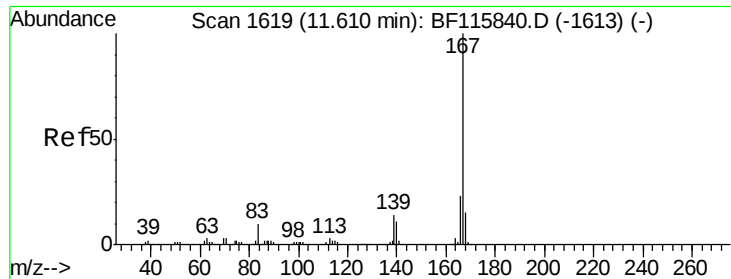
mohammad
8/5/2019 1:47:56 PM



#72
Anthracene
Concen: 45.897 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion:178 Resp: 1075368
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 16.0 12.4 18.6





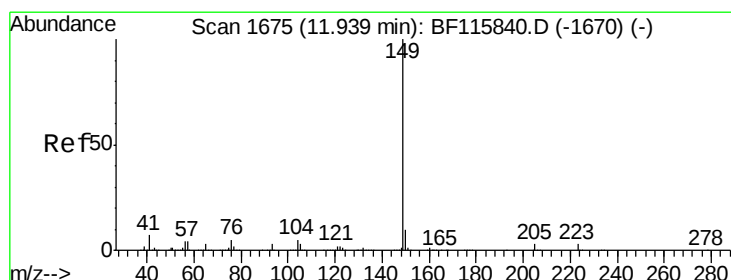
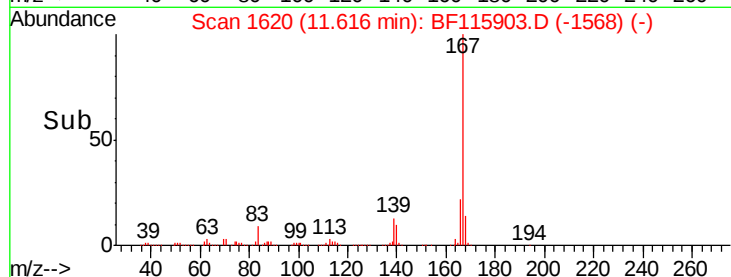
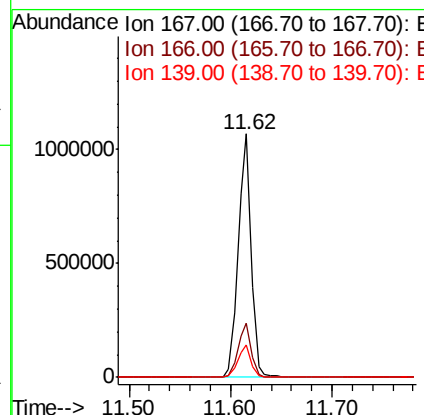
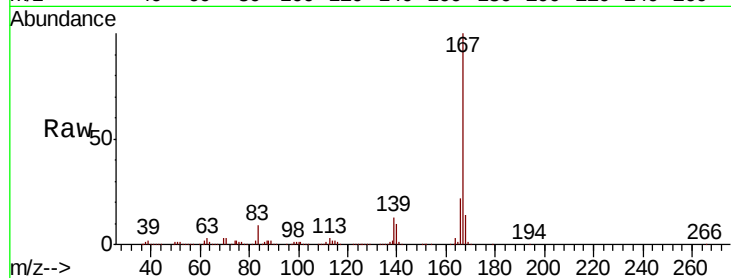
#73
 Carbazole
 Concen: 44.647 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.0	27.0
139	13.5	11.4	17.2

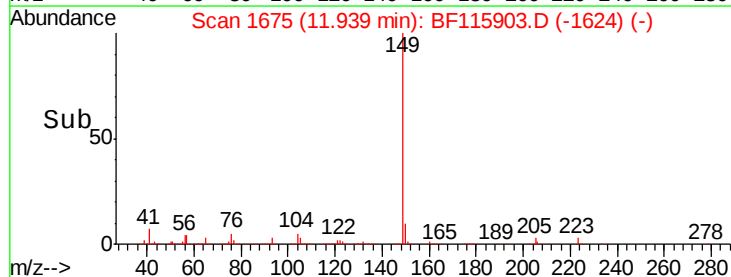
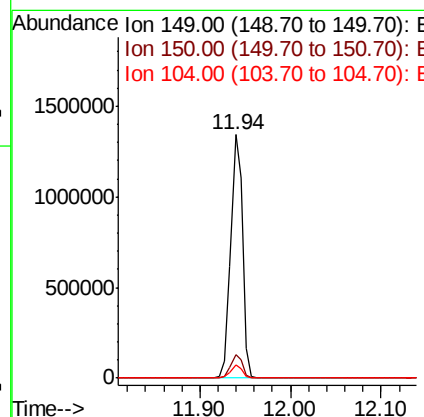
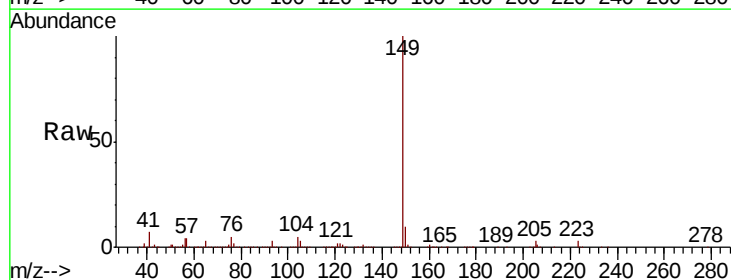
Manual Integrations
 APPROVED

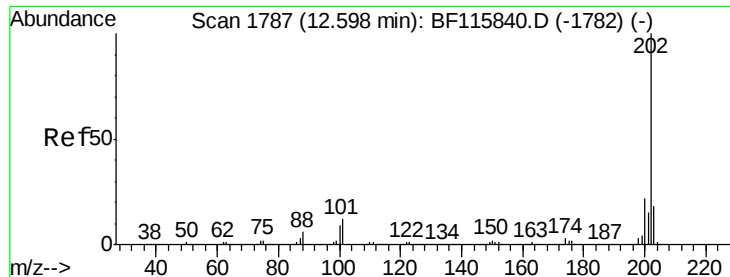
mohammad
 8/5/2019 1:47:56 PM



#74
 Di-n-butylphthalate
 Concen: 47.737 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.5	4.3	6.5





#75

Fluoranthene

Concen: 41.961 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

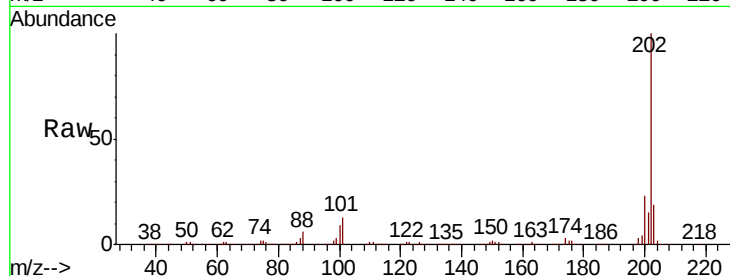
ClientSampled :

TP-8-AMS

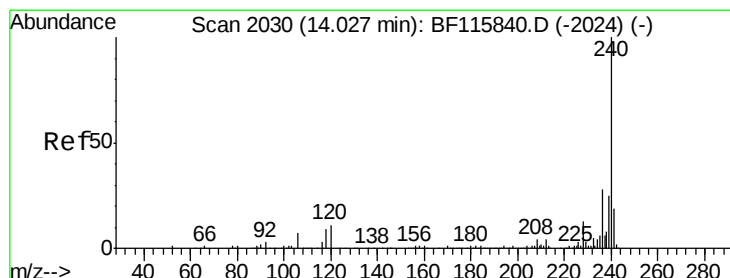
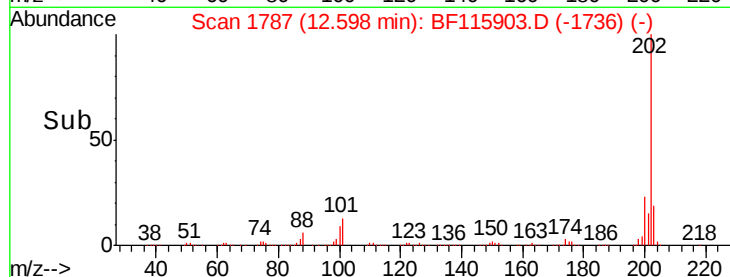
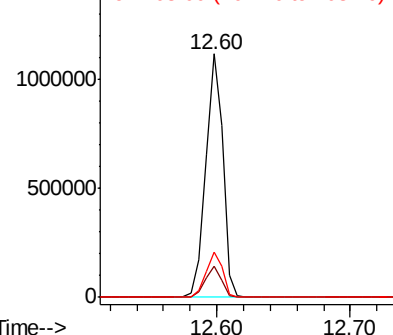
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.9	0.0	31.5		
203	18.6	0.0	37.9		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

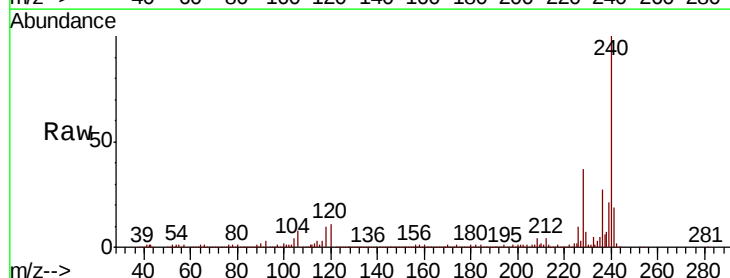
RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

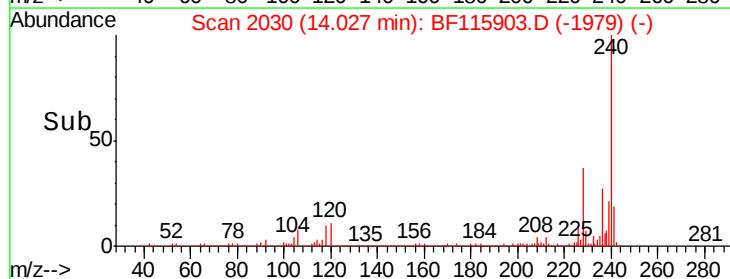
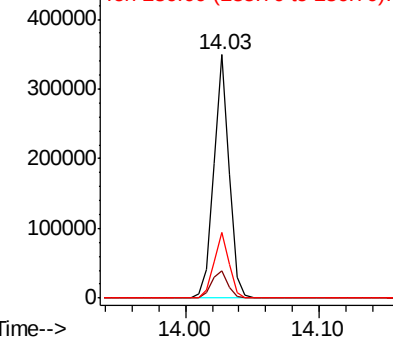
Lab File: BF115903.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	11.2	8.5	12.7		
236	27.0	22.2	33.2		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.242 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

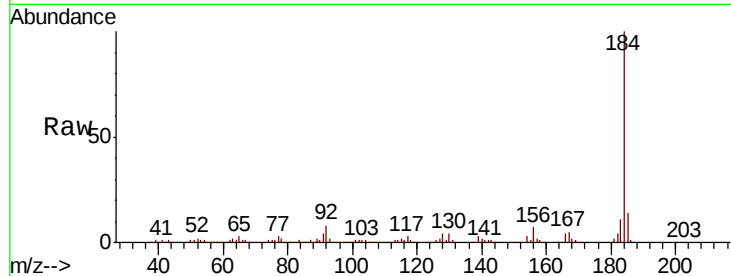
ClientSampleId :

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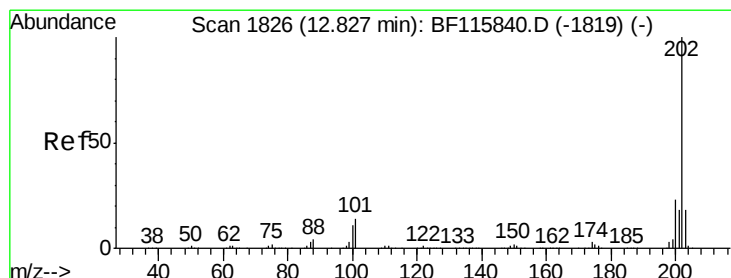
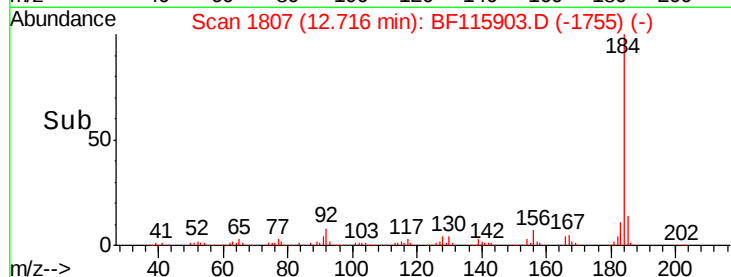
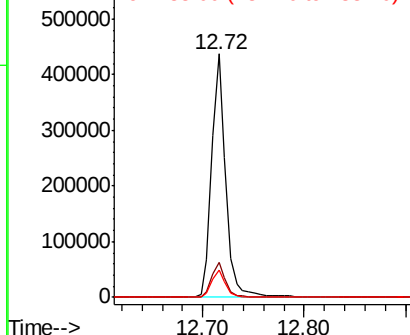
Tot Ion:	184	Resp:	424707
Ion Ratio	Lower	Upper	
184	100		
185	14.3	13.4	20.2
183	11.3	9.1	13.7

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



#78

Pyrene

Concen: 47.263 ng

RT: 12.83 min Scan# 1826

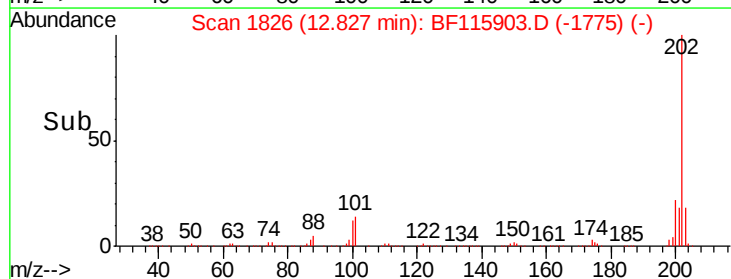
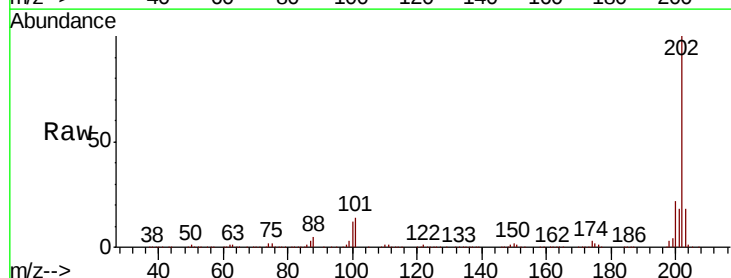
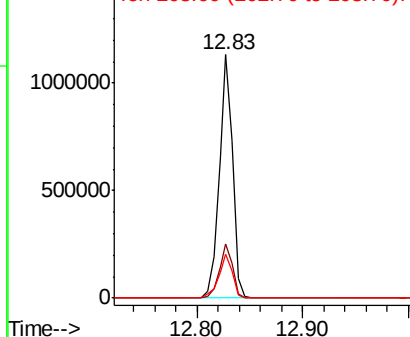
Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Tgt Ion:	202	Resp:	1012328
Ion Ratio	Lower	Upper	
202	100		
200	22.4	18.2	27.2
203	17.9	14.3	21.5

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





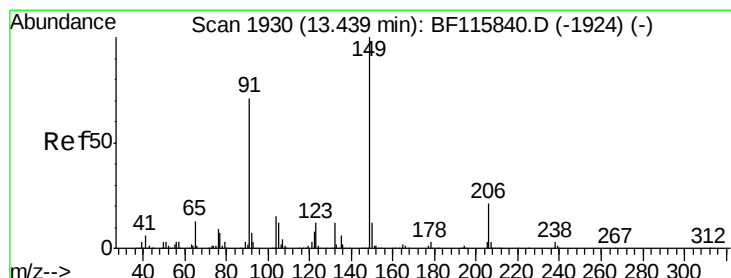
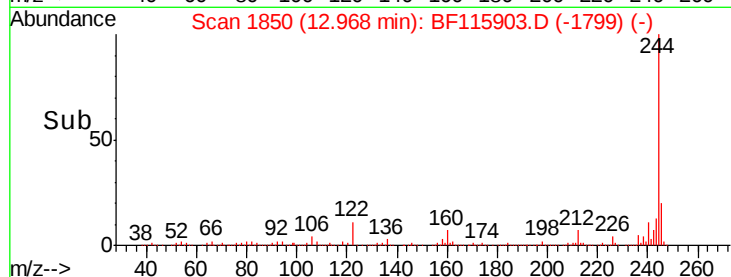
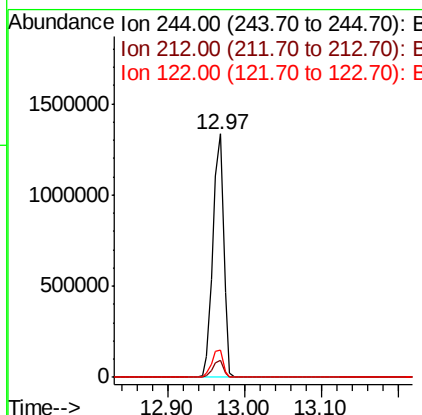
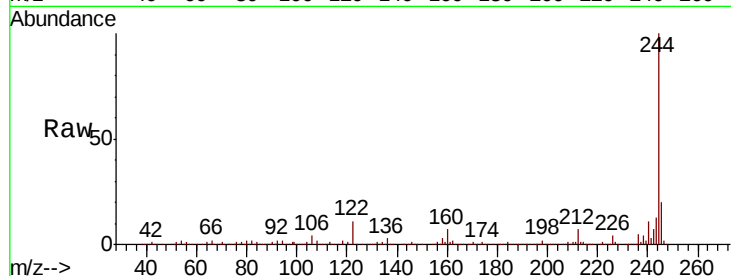
#79
 Terphenyl-d14
 Concen: 94.450 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.2	8.6	13.0

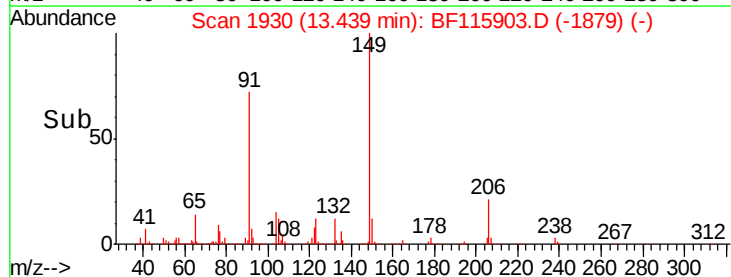
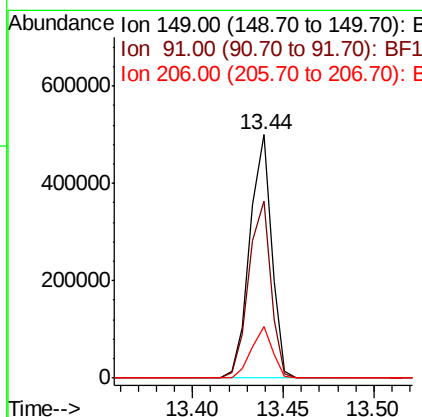
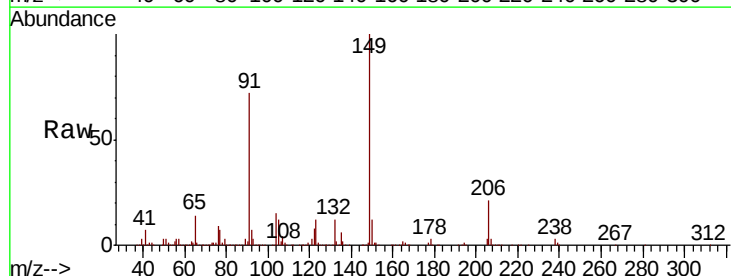
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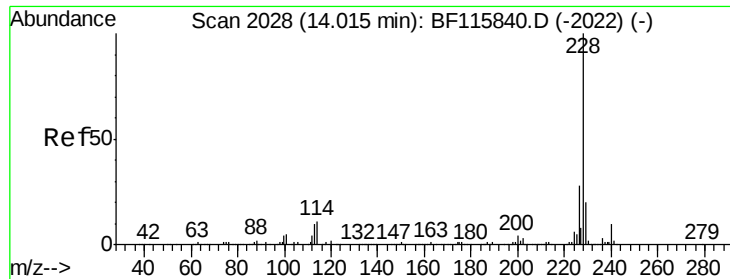
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#80
 Butylbenzylphthalate
 Concen: 46.466 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.0	85.6
206	21.3	16.9	25.3





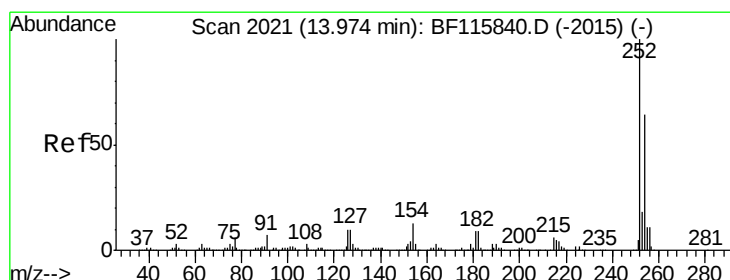
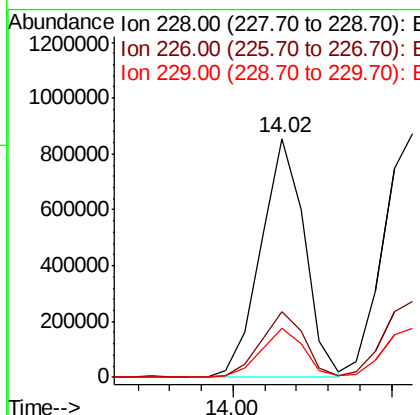
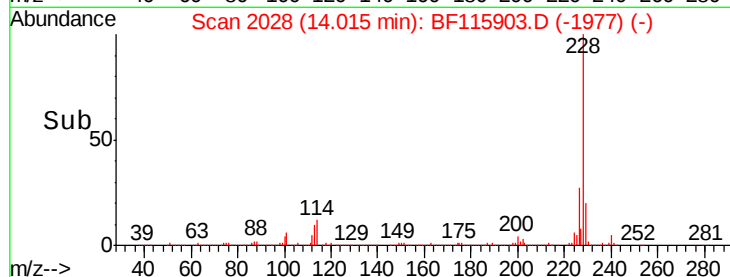
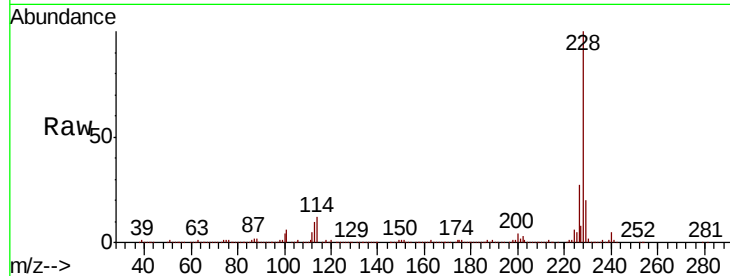
#81
Benzo(a)anthracene
Concen: 45.113 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampleId :
TP-8-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	20.4	16.1	24.1

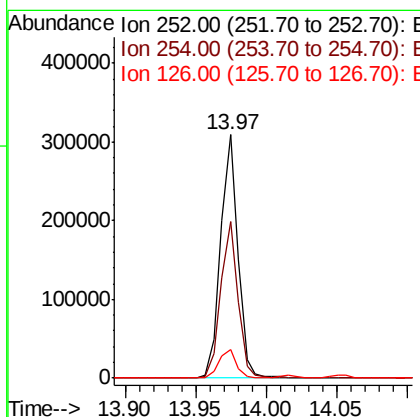
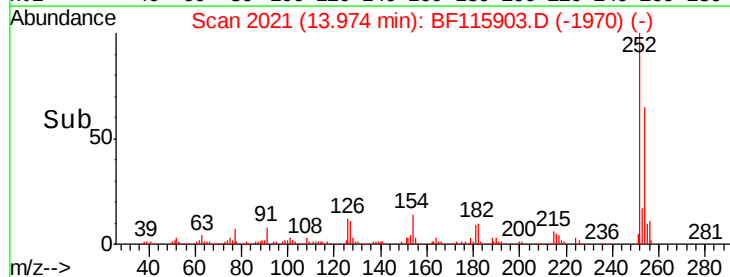
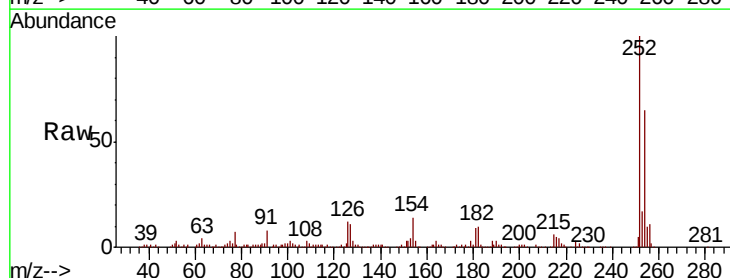
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#82
3,3'-Dichlorobenzidine
Concen: 42.195 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.2	76.8
126	11.5	8.1	12.1





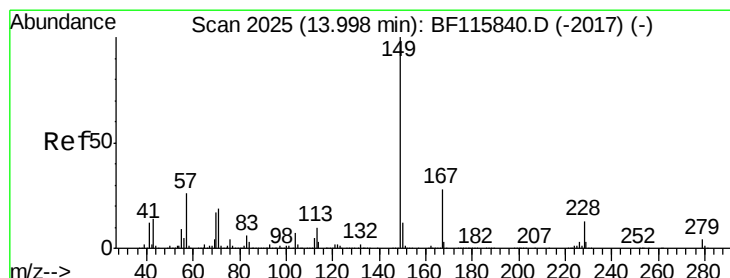
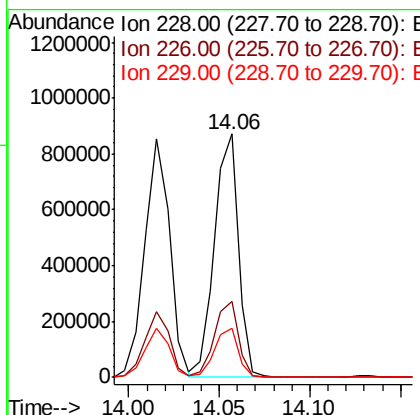
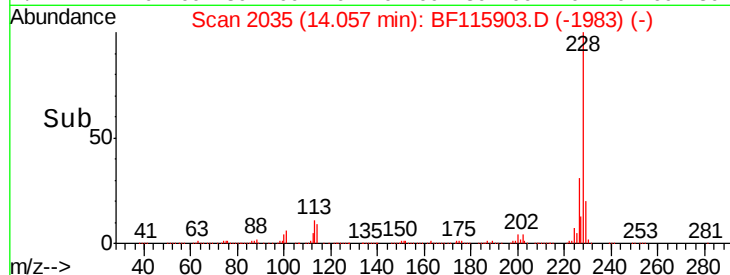
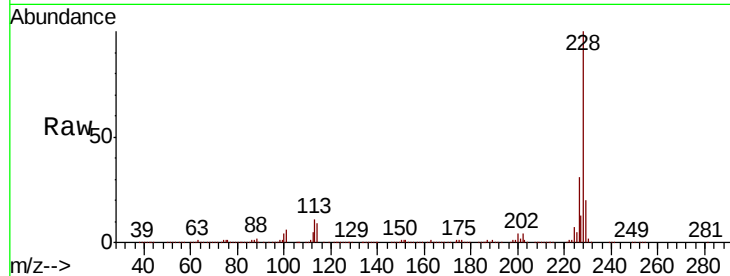
#83
 Chrvsene
 Concen: 45.270 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Instrument :
 BNA_F
 ClientSampled :
 TP-8-AMS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	798206		
226	31.2		24.8	37.2
229	20.1		16.4	24.6

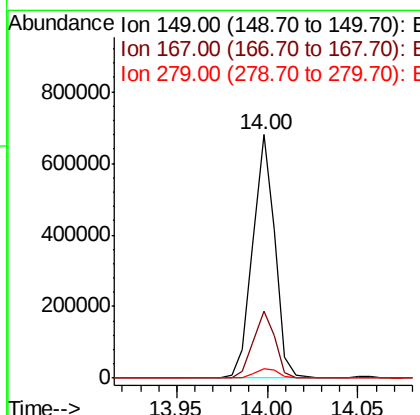
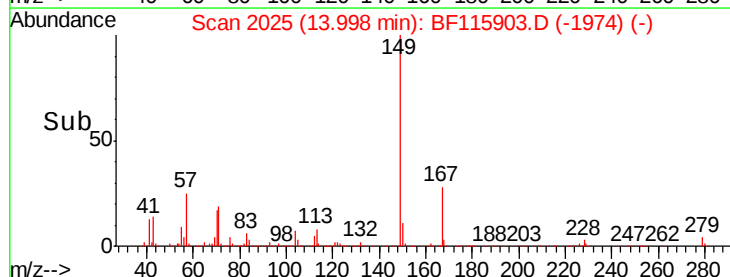
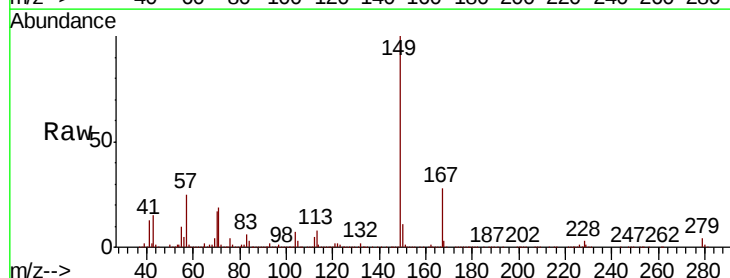
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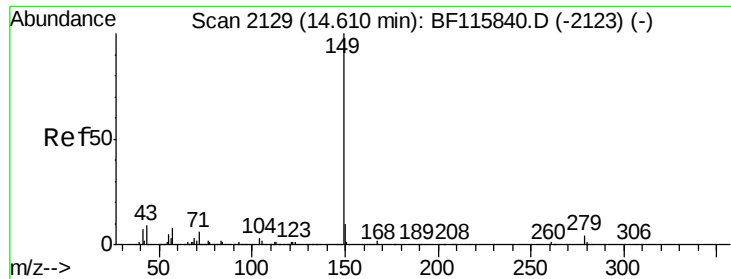
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.455 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115903.D
 Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	570504		
167	27.5		22.4	33.6
279	4.0		3.3	4.9





#85

Di-n-octyl phthalate

Concen: 50.089 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

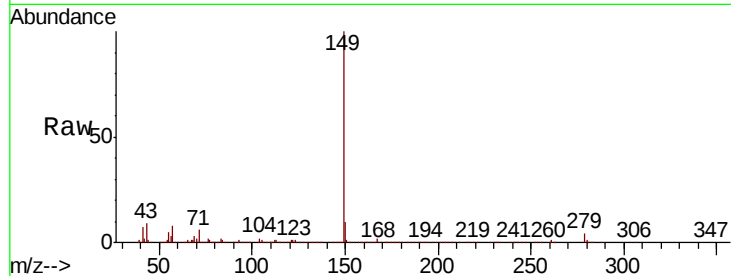
ClientSampleId :

TP-8-AMS

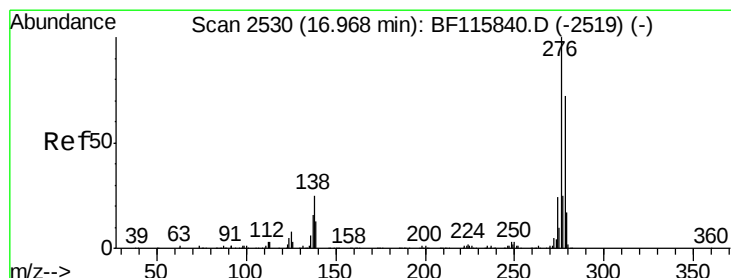
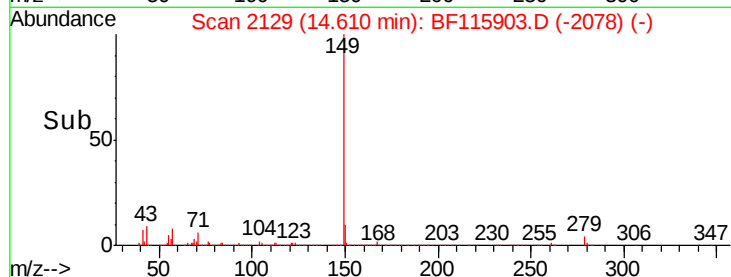
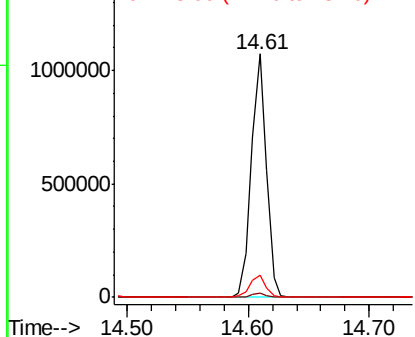
Tot Ion:	149	Resp:	936735
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	9.0	7.4	11.0

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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: 55.852 ng

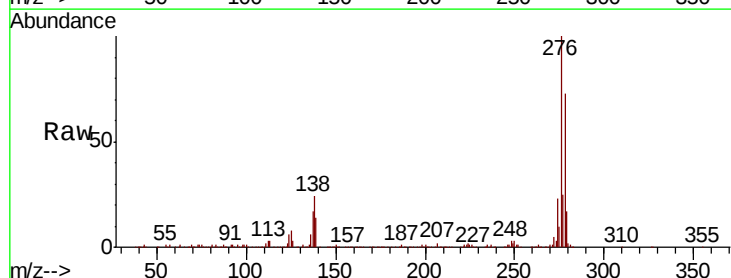
RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

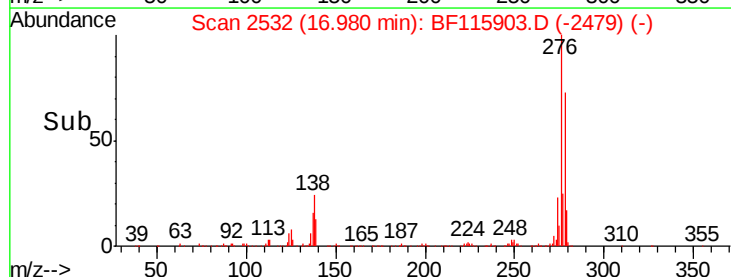
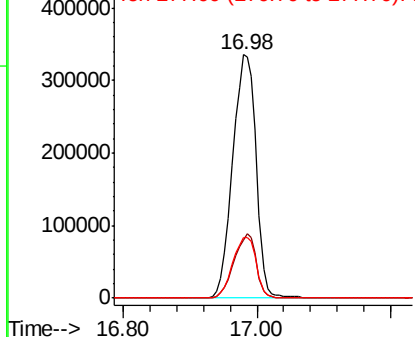
Lab File: BF115903.D

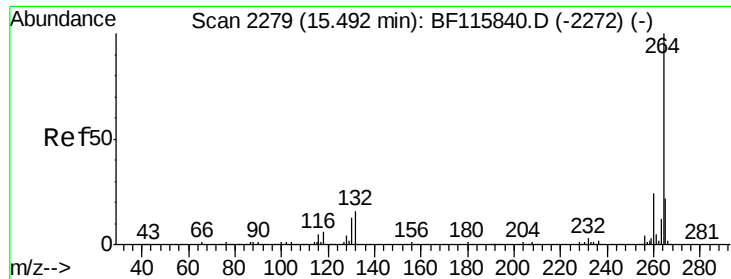
Acq: 1 Aug 2019 13:12

Tgt Ion:	276	Resp:	827117
Ion Ratio	Lower	Upper	
276	100		
138	25.2	19.6	29.4
277	25.4	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: BF115903.D

Acq: 1 Aug 2019 13:12

Instrument :

BNA_F

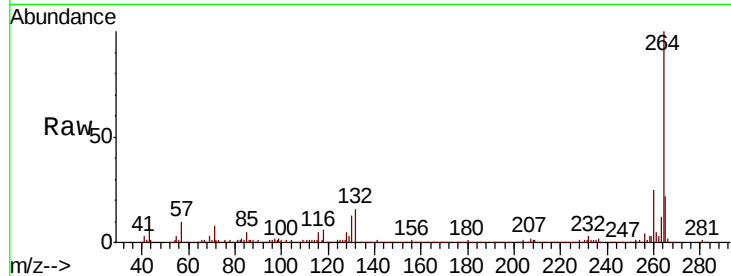
ClientSampleId :

TP-8-AMS

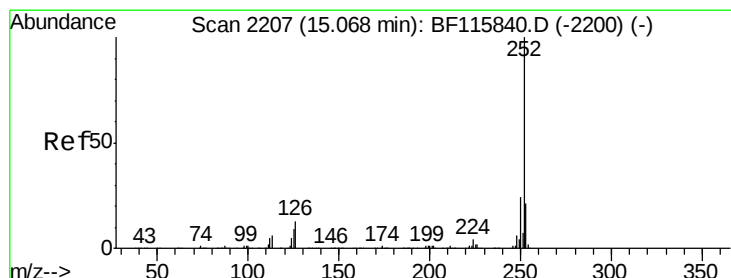
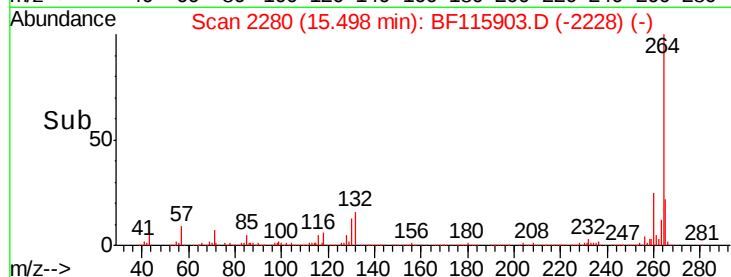
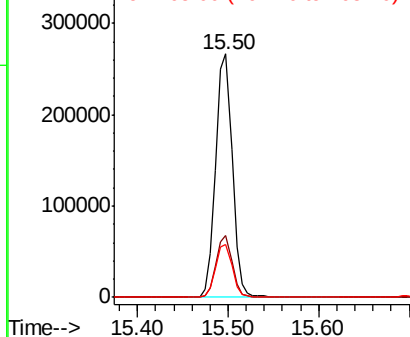
Tot Ion:	264	Resp:	339154
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.4	29.2
265	21.8	17.5	26.3

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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: 43.427 ng

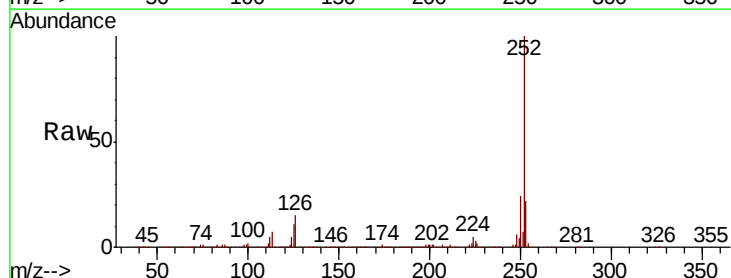
RT: 15.07 min Scan# 2207

Delta R.T. 0.00 min

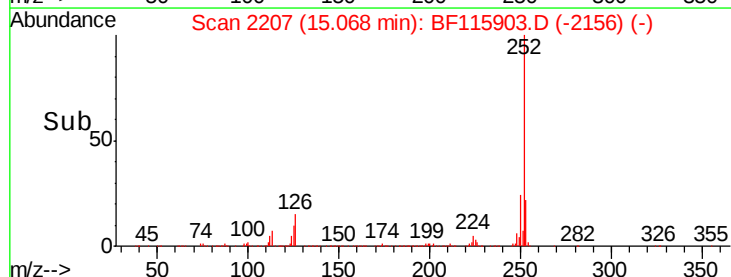
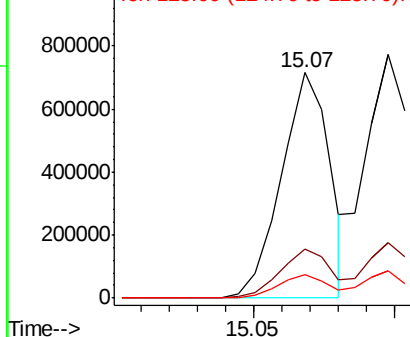
Lab File: BF115903.D

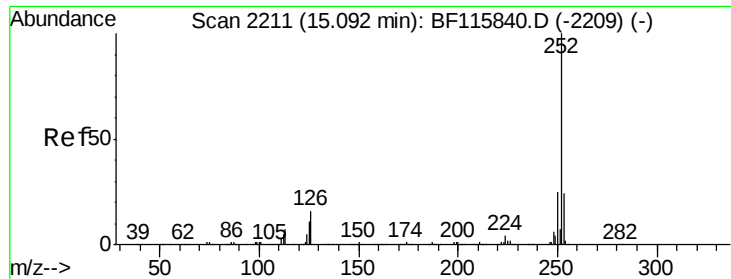
Acq: 1 Aug 2019 13:12

Tgt Ion:	252	Resp:	851620
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	10.5	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





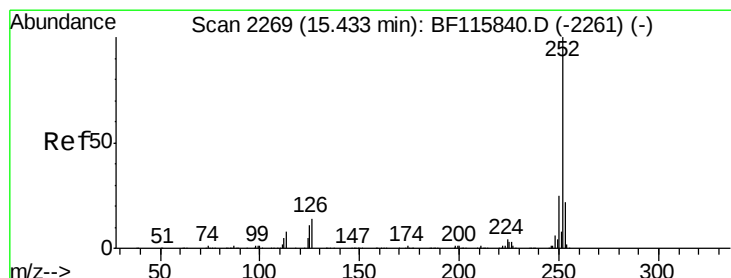
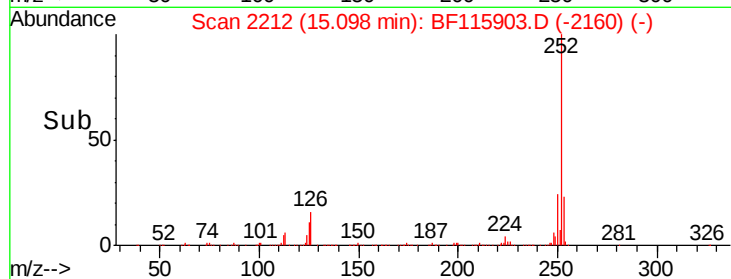
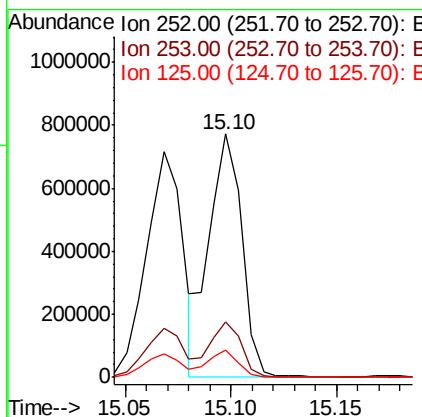
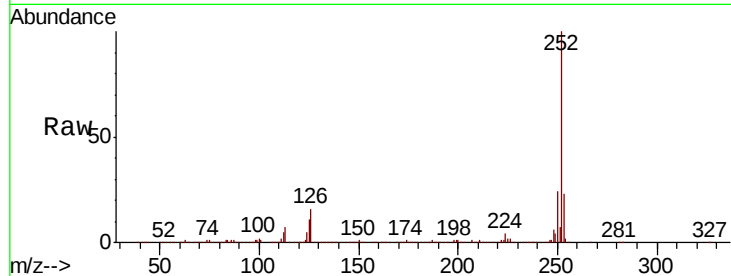
#89
Benzo(k)fluoranthene
Concen: 43.474 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampled :
TP-8-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.4
125	11.1	8.9	13.3

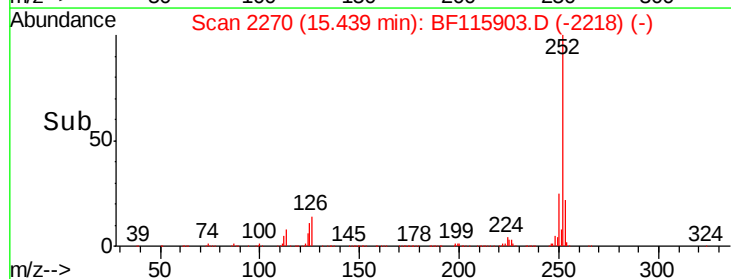
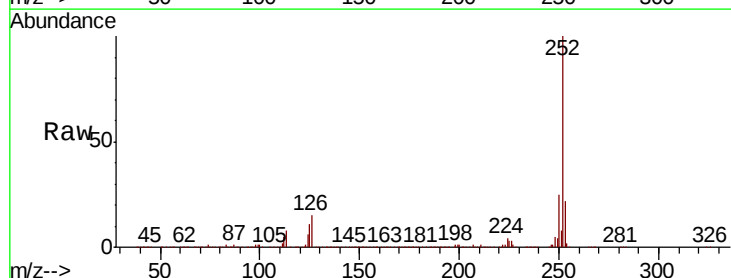
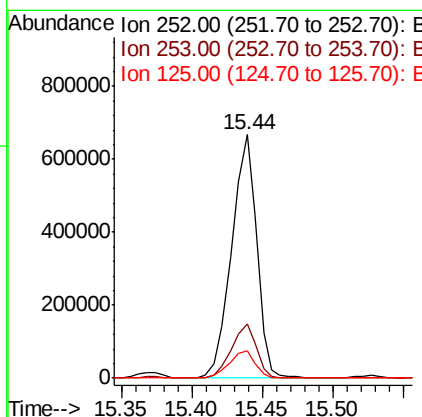
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#90
Benzo(a)pyrene
Concen: 46.996 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.4	8.8	13.2





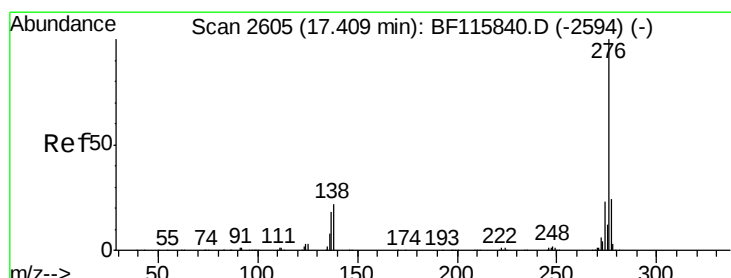
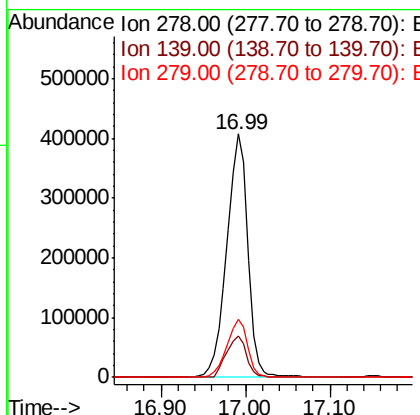
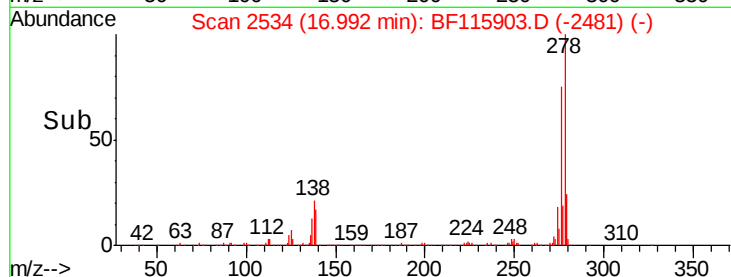
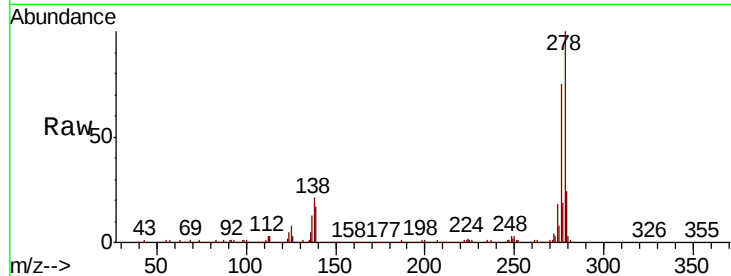
#91
Dibenzo(a,h)anthracene
Concen: 45.797 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Instrument :
BNA_F
ClientSampled :
TP-8-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.0	12.6	19.0
279	24.0	18.8	28.2

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APPROVED

mohammad
8/5/2019 1:47:56 PM



#92
Benzo(g,h,i)perylene
Concen: 43.646 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF115903.D
Acq: 1 Aug 2019 13:12

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	21.5	17.8	26.8

