

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114059.D
 Acq On : 1 May 2019 10:50
 Operator : JU/SJ
 Sample : K2194-01MS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMS

Manual Integrations
 APPROVED

Sohil

Quant Time: May 01 14:36:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

5/2/2019 4:53:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	89183	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	369892	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	188587	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	416379	20.00	ng	0.00
76) Chrysene-d12	14.06	240	298877	20.00	ng	-0.01
87) Perylene-d12	15.56	264	283630	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	255736	49.05	ng	0.00
7) Phenol-d6	6.52	99	352528	53.89	ng	0.00
23) Nitrobenzene-d5	7.45	82	197512	32.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	123542	53.78	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	460612	38.20	ng	-0.01
79) Terphenyl-d14	13.00	244	559717	38.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	35263	14.346	ng	95
3) Pyridine	3.40	79	86751	12.930	ng	97
4) n-Nitrosodimethylamine	3.31	42	31811m	13.851	ng	
6) Aniline	6.55	93	95394	10.619	ng	96
8) 2-Chlorophenol	6.67	128	98137	16.485	ng	99
9) Benzaldehyde	6.44	77	20520	1.236	ng	93
10) Phenol	6.53	94	129727	16.583	ng	95
11) bis(2-Chloroethyl)ether	6.62	93	94163	15.996	ng	98
12) 1,3-Dichlorobenzene	6.83	146	110941	16.454	ng	98
13) 1,4-Dichlorobenzene	6.91	146	117547	17.333	ng	100
14) 1,2-Dichlorobenzene	7.06	146	108864	17.467	ng	97
15) Benzyl Alcohol	7.03	79	81155	18.419	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.16	45	111485	16.224	ng	92
17) 2-Methylphenol	7.14	107	83033	15.912	ng	99
18) Hexachloroethane	7.40	117	37989	15.980	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	70931	16.743	ng	96
20) 3+4-Methylphenols	7.29	107	102909	17.455	ng	# 54
22) Acetophenone	7.29	105	141257	17.161	ng	# 95
24) Nitrobenzene	7.46	77	104626	15.806	ng	97
25) Isophorone	7.70	82	207880	16.959	ng	98
26) 2-Nitrophenol	7.79	139	54488	18.043	ng	99
27) 2,4-Dimethylphenol	7.82	122	100452	20.416	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	134036	17.160	ng	100
29) 2,4-Dichlorophenol	8.03	162	99059	17.606	ng	95
30) 1,2,4-Trichlorobenzene	8.12	180	109449	17.446	ng	99
31) Naphthalene	8.19	128	320841	18.259	ng	99
32) Benzoic acid	7.82	122	100452	30.232	ng	# 14
33) 4-Chloroaniline	8.24	127	94434	12.701	ng	96
34) Hexachlorobutadiene	8.32	225	60014	15.346	ng	98
35) Caprolactam	8.58	113	29654	16.568	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	91314	16.382	ng	98
37) 2-Methylnaphthalene	8.89	142	210174	17.737	ng	99
38) 1-Methylnaphthalene	8.99	142	204291	17.863	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	104941	17.131	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	37606	11.009	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	74074	19.043	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	80259	18.395	nq	98
46) 1,1'-Biphenyl	9.35	154	276433	19.188	nq	97
47) 2-Chloronaphthalene	9.37	162	216679	18.495	nq	99
48) 2-Nitroaniline	9.46	65	58650	19.096	nq	94
49) Acenaphthylene	9.79	152	343668	18.737	nq	97
50) Dimethylphthalate	9.64	163	291804	21.395	nq	99
51) 2,6-Dinitrotoluene	9.70	165	55485	18.962	nq	98
52) Acenaphthene	9.96	154	195334	18.021	nq	98
53) 3-Nitroaniline	9.87	138	44902	14.603	nq	96
54) 2,4-Dinitrophenol	9.99	184	5246	12.032	nq #	5
55) Dibenzofuran	10.13	168	296190	18.242	nq	100
56) 4-Nitrophenol	10.03	139	87996	36.145	nq	100
57) 2,4-Dinitrotoluene	10.11	165	68940	18.666	nq #	96
58) Fluorene	10.47	166	249369	20.400	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	70991	18.515	nq #	97
60) Diethylphthalate	10.34	149	249945	19.298	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	128541	19.855	nq	95
62) 4-Nitroaniline	10.48	138	52126	17.372	nq	90
63) Azobenzene	10.63	77	228068	18.169	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	15713	14.288	nq	86
66) n-Nitrosodiphenylamine	10.58	169	221636	17.740	nq	97
67) 4-Bromophenyl-phenylether	10.96	248	83039	16.509	nq	97
68) Hexachlorobenzene	11.03	284	84639	15.312	nq	94
69) Atrazine	11.10	200	75611	18.604	nq	99
70) Pentachlorophenol	11.22	266	79101	25.275	nq	97
71) Phenanthrene	11.44	178	451745	21.588	nq	98
72) Anthracene	11.49	178	412371	19.515	nq	98
73) Carbazole	11.64	167	329265	17.466	nq	99
74) Di-n-butylphthalate	11.97	149	405655	18.292	nq	98
75) Fluoranthene	12.63	202	544086	23.832	nq	96
77) Benzidine	12.76	184	52755	5.924	nq #	82
78) Pyrene	12.86	202	565503	27.056	nq	98
80) Butylbenzylphthalate	13.47	149	152269	18.517	nq	99
81) Benzo(a)anthracene	14.05	228	394875	22.424	nq	99
82) 3,3'-Dichlorobenzidine	14.00	252	65444	10.140	nq	99
83) Chrysene	14.09	228	359976	20.990	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	222916	21.306	nq	98
85) Di-n-octyl phthalate	14.66	149	332515	20.304	nq	99
86) Indeno(1,2,3-cd)pyrene	17.06	276	349624	21.522	nq	98
88) Benzo(b)fluoranthene	15.12	252	385992m	21.510	nq	
89) Benzo(k)fluoranthene	15.15	252	296607	19.215	nq	97
90) Benzo(a)pyrene	15.50	252	334239	21.534	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	274268	18.824	nq	99
92) Benzo(g,h,i)perylene	17.52	276	311736	21.201	nq	97

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

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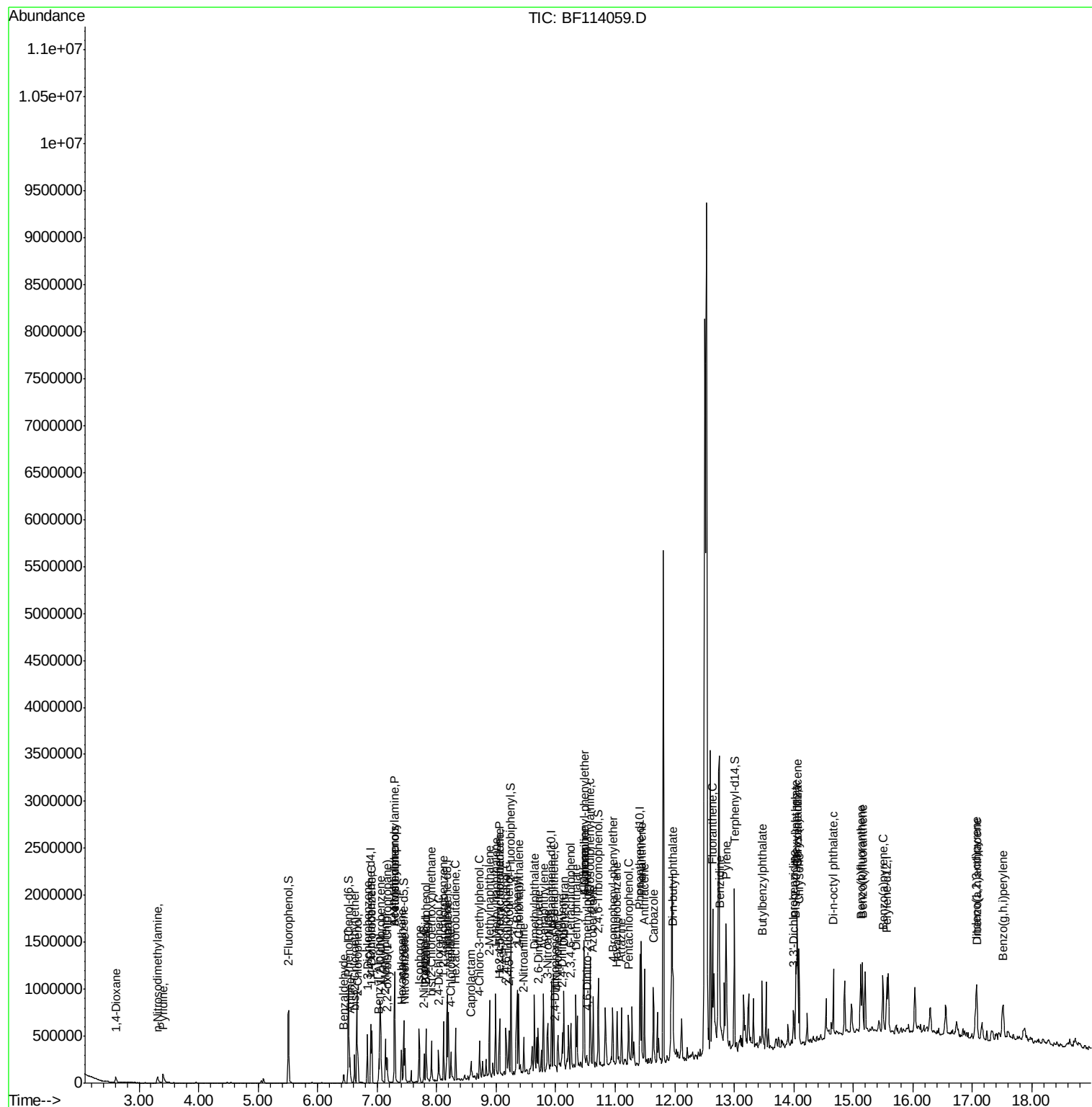
Instrument :
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JC-03-042919-AMS

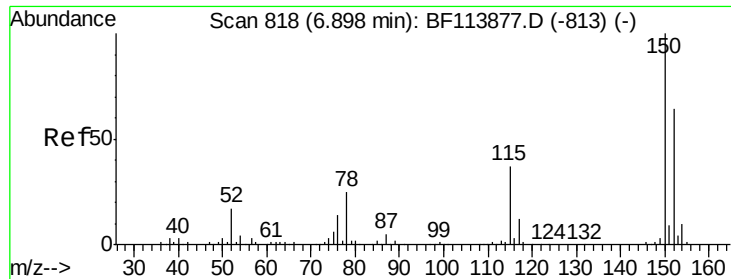
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#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

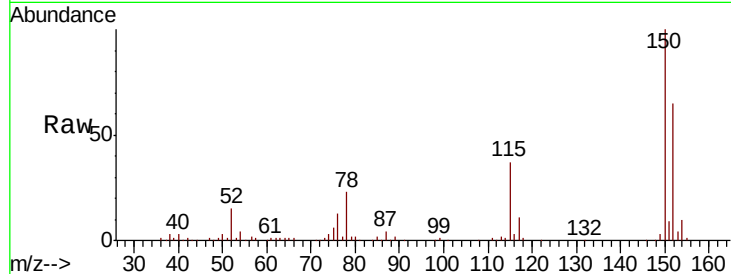
Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.9	188.9
115	57.5	45.9	68.9

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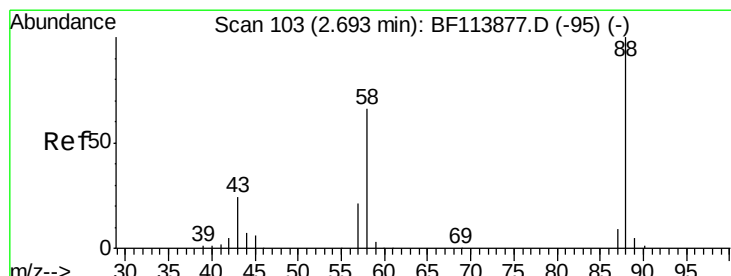
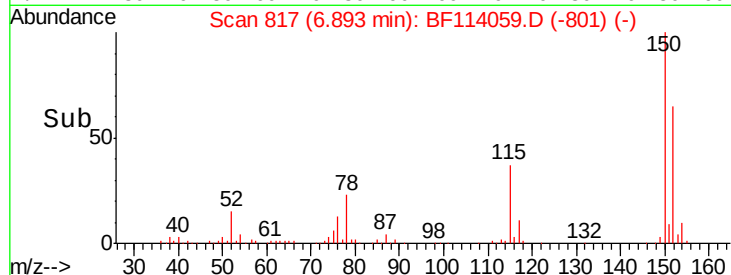
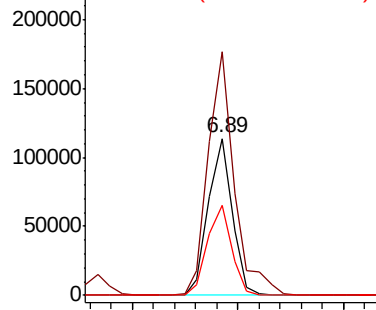


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

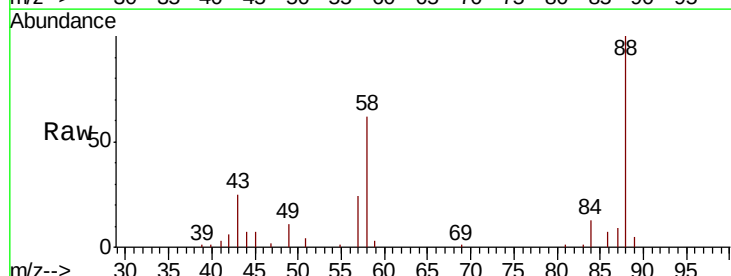
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 14.346 ng
RT: 2.61 min Scan# 89
Delta R.T. -0.08 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	53.3	79.9
43	24.0	19.0	28.4

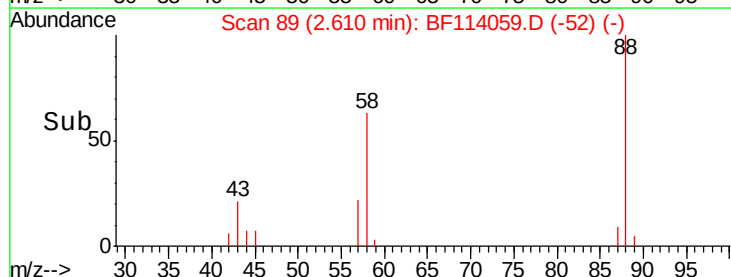
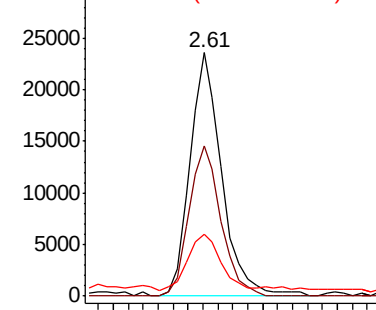


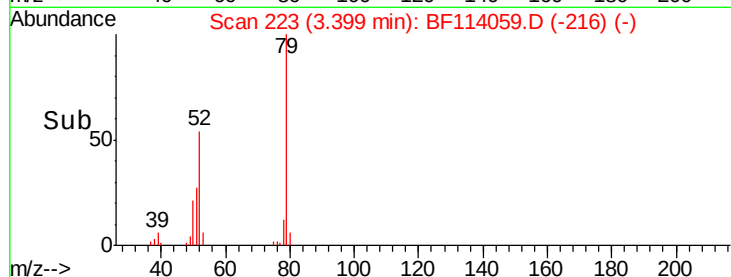
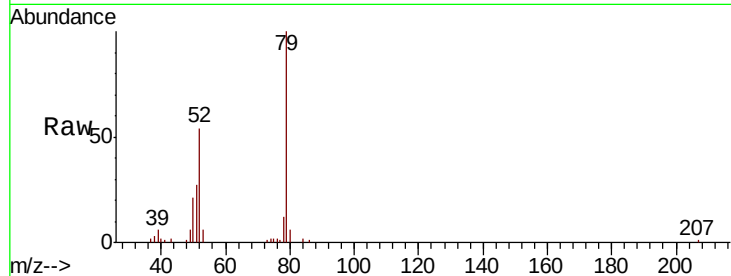
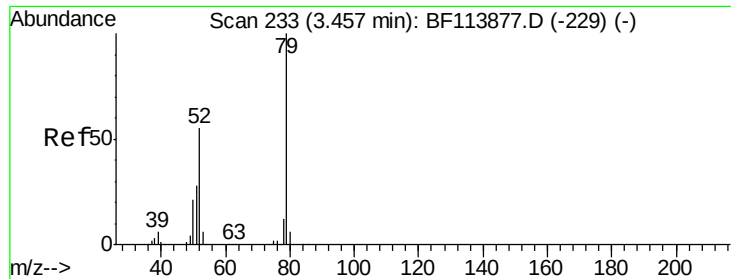
Abundance

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: 12.930 ng
 RT: 3.40 min Scan# 223
 Delta R.T. -0.06 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

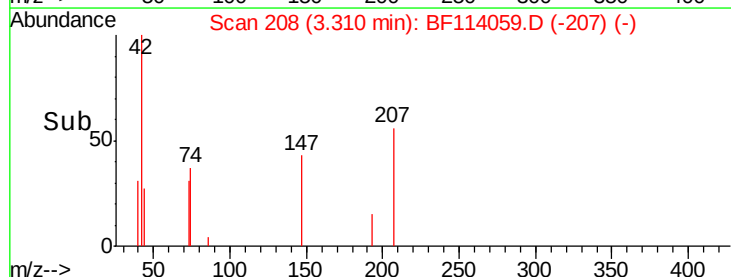
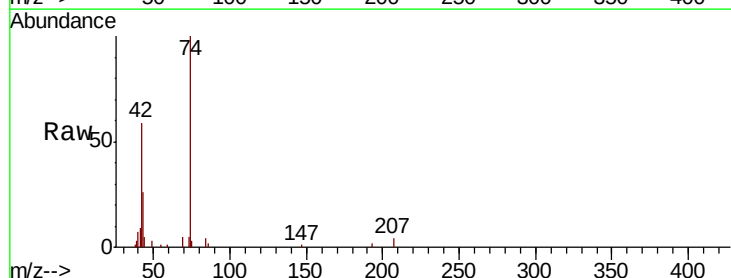
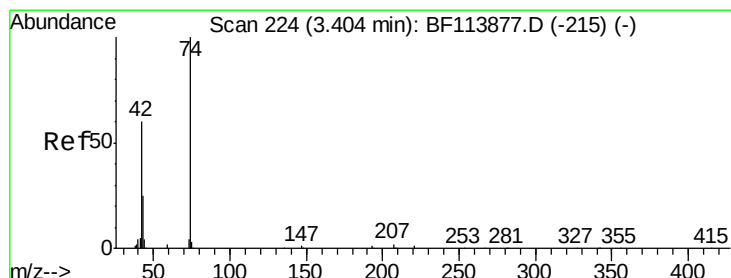
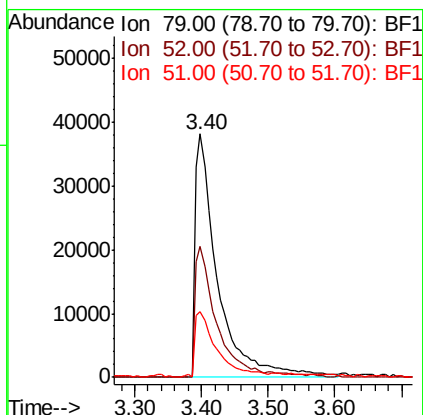
Tot Ion	Ratio	Lower	Upper
79	100		
52	53.9	45.3	67.9
51	26.9	22.1	33.1

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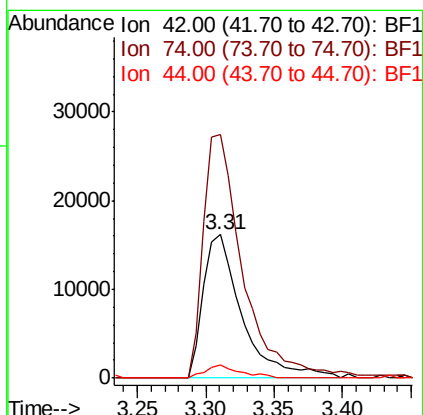
Sohil

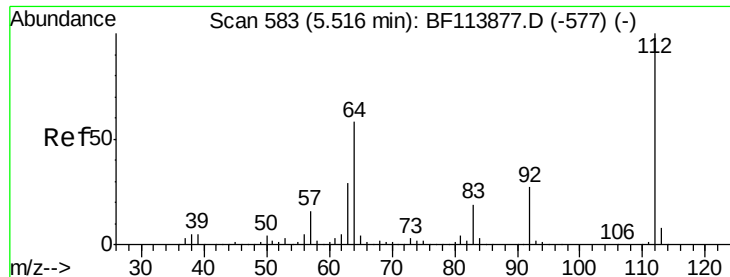
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#4
 n-Nitrosodimethylamine
 Concen: 13.851 ng m
 RT: 3.31 min Scan# 208
 Delta R.T. -0.09 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	169.5	132.6	198.8
44	8.8	5.8	8.8#





#5

2-Fluorophenol

Concen: 49.045 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

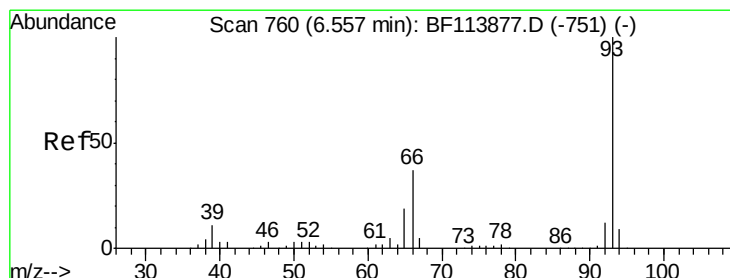
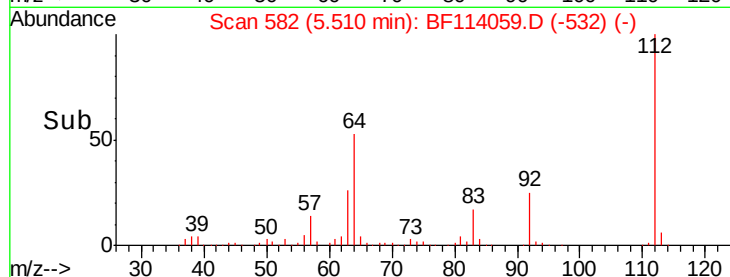
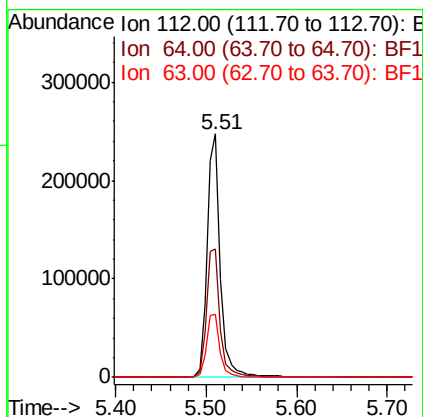
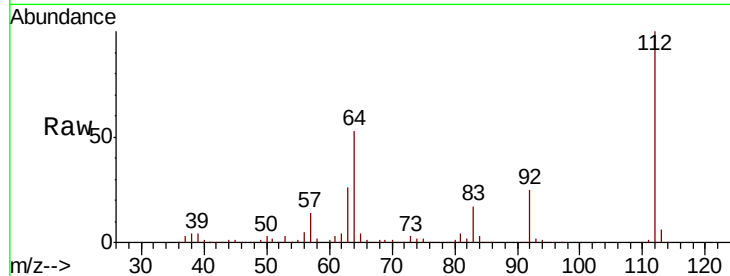
JC-03-042919-AMS

Tot Ion:	112	Resp:	255736
Ion Ratio	Lower	Upper	
112	100		
64	52.7	46.6	69.8
63	25.9	23.1	34.7

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#6

Aniline

Concen: 10.619 ng

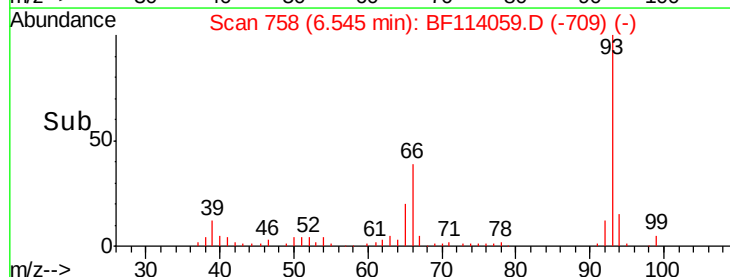
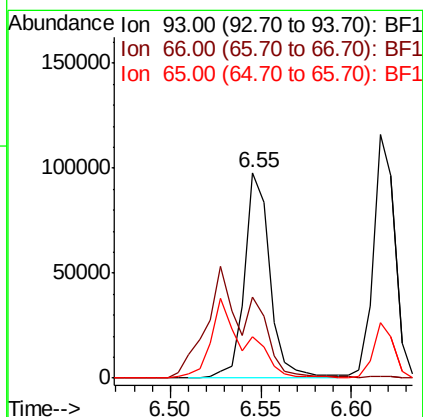
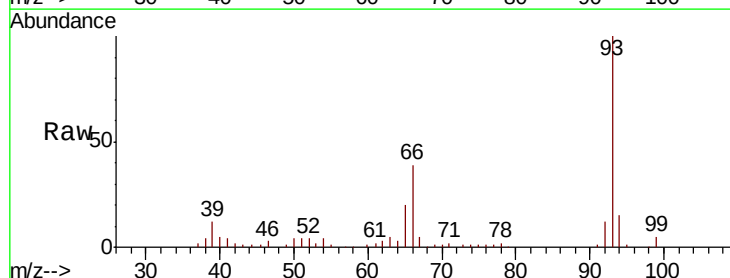
RT: 6.55 min Scan# 758

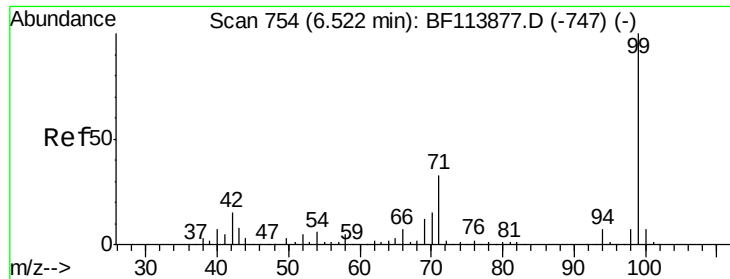
Delta R.T. -0.01 min

Lab File: BF114059.D

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Tgt Ion:	93	Resp:	95394
Ion Ratio	Lower	Upper	
93	100		
66	39.4	29.8	44.6
65	20.1	14.9	22.3





#7

Phenol-d6

Concen: 53.887 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

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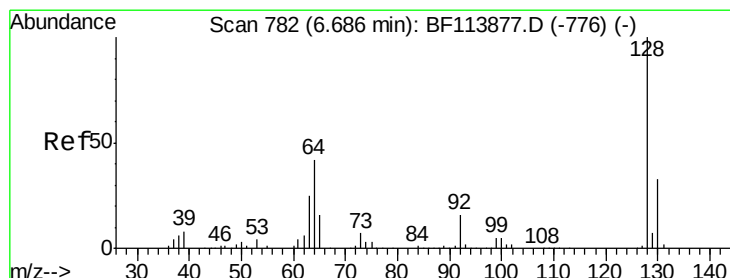
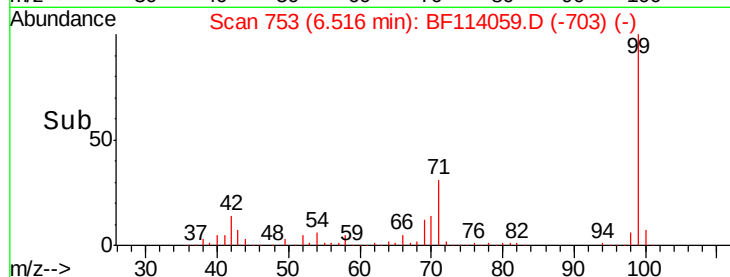
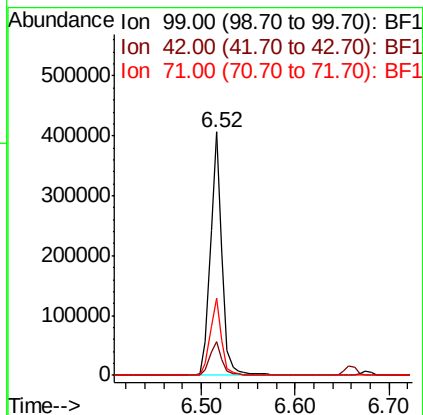
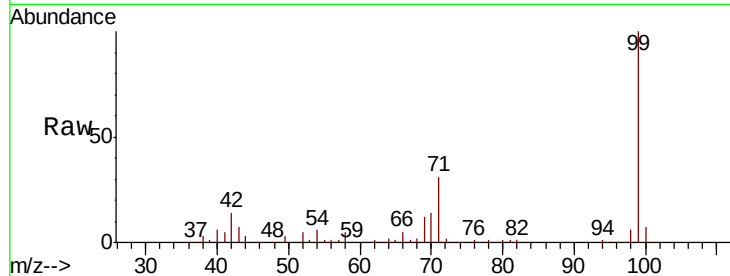
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Tot Ion:	99	Resp:	352528
Ion Ratio	Lower	Upper	
99	100		
42	13.8	12.5	18.7
71	31.5	26.9	40.3

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#8

2-Chlorophenol

Concen: 16.485 ng

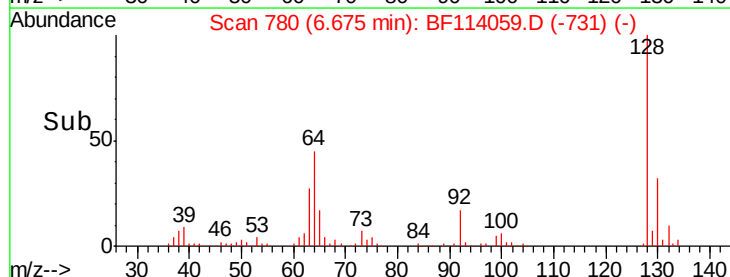
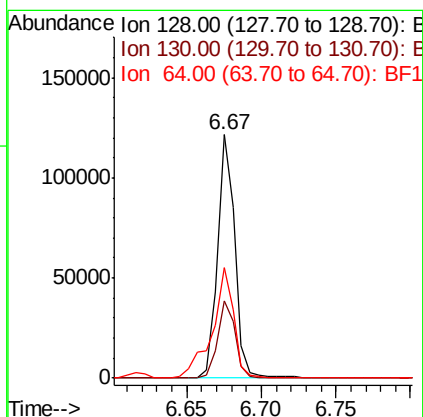
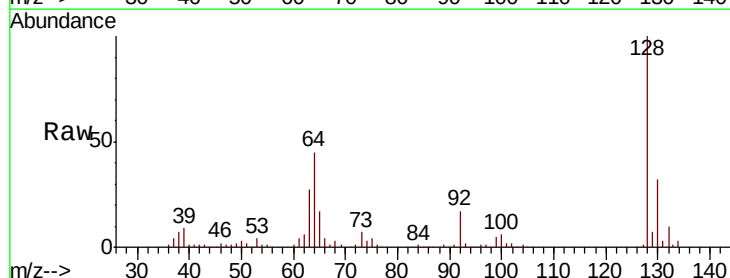
RT: 6.67 min Scan# 780

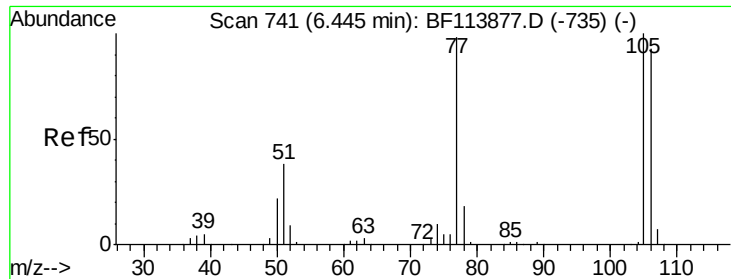
Delta R.T. -0.01 min

Lab File: BF114059.D

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Tgt Ion:	128	Resp:	98137
Ion Ratio	Lower	Upper	
128	100		
130	31.8	12.3	52.3
64	45.3	26.1	66.1





#9
Benzaldehyde
Concen: 1.236 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
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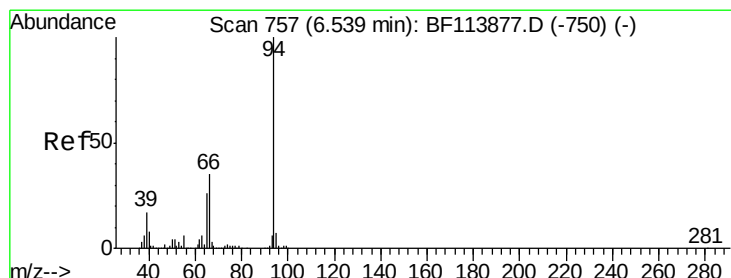
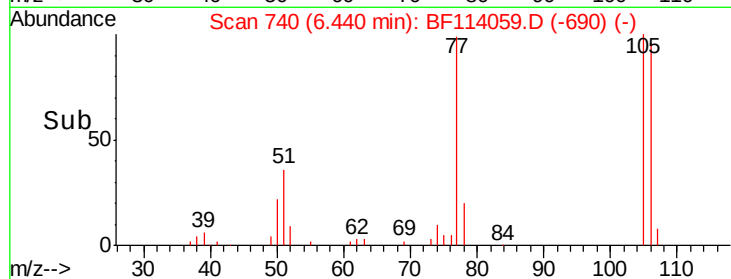
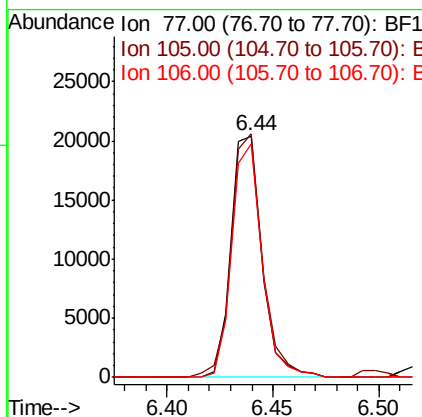
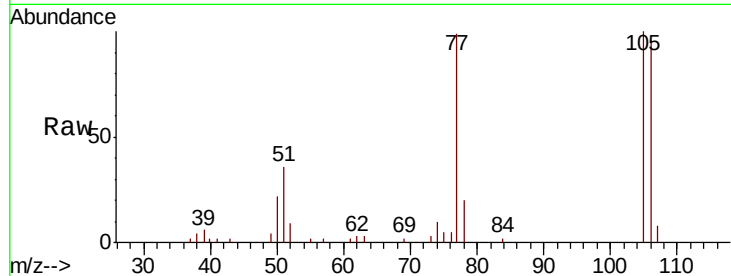
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.8	74.1	114.1		
106	96.4	70.3	110.3		

Manual Integrations
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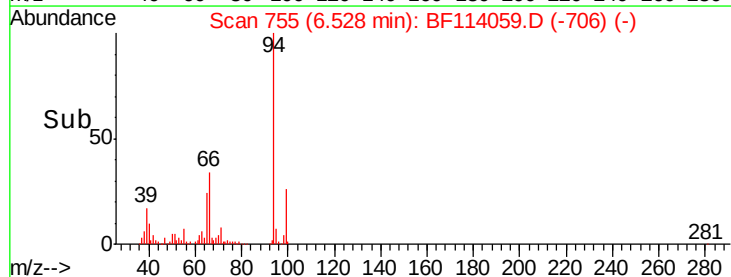
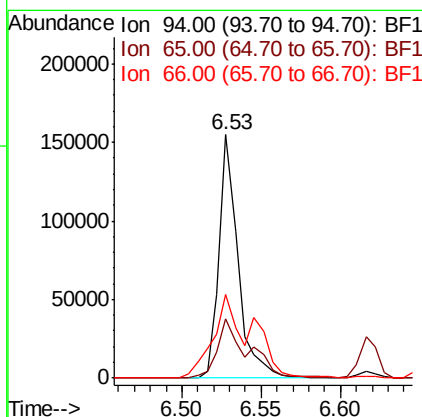
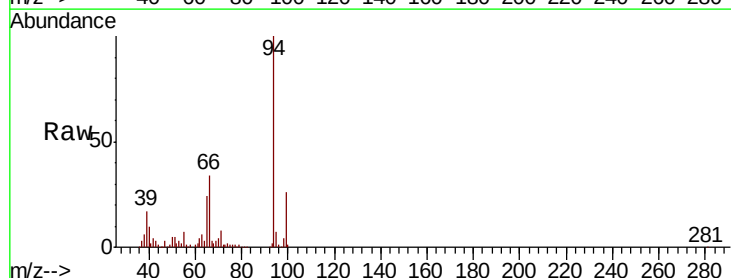
Sohil

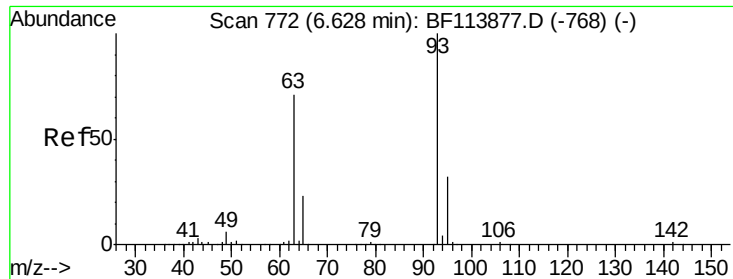
5/2/2019 4:53:28 PM



#10
Phenol
Concen: 16.583 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	24.5	8.1	48.1		
66	34.4	16.6	56.6		





#11
bis(2-Chloroethyl)ether
Concen: 15.996 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

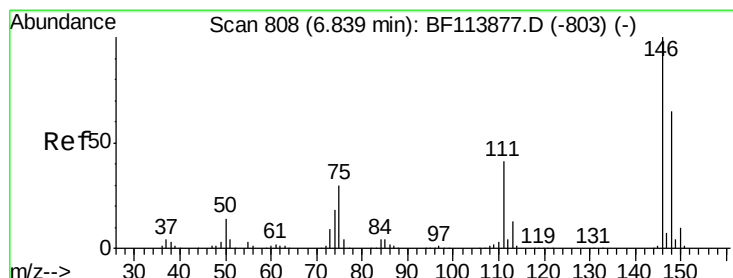
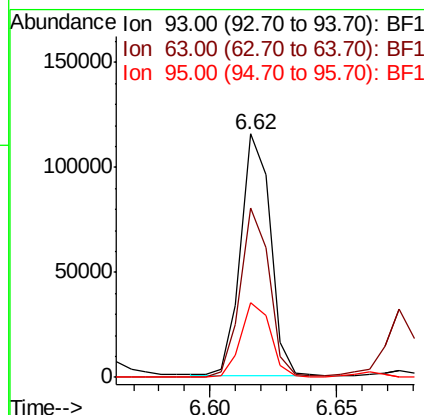
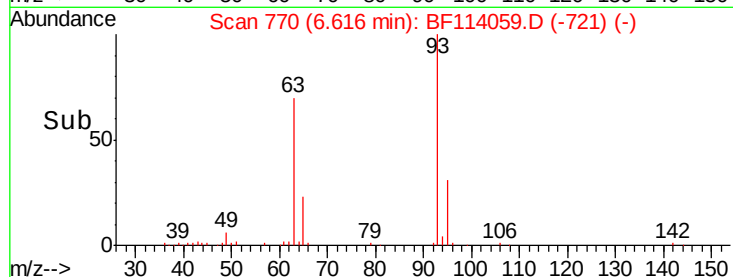
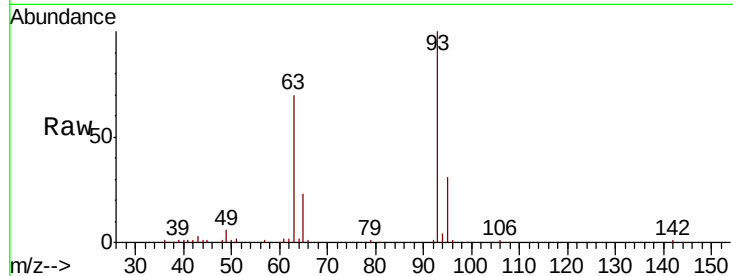
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.7	50.7	90.7
95	30.8	12.3	52.3

Manual Integrations
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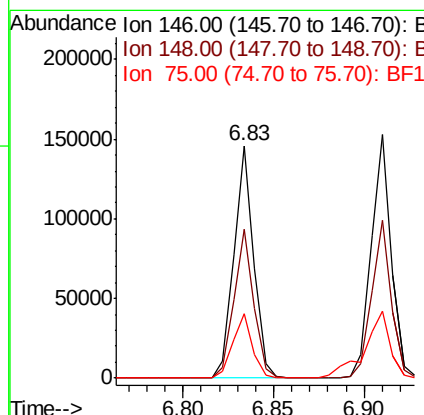
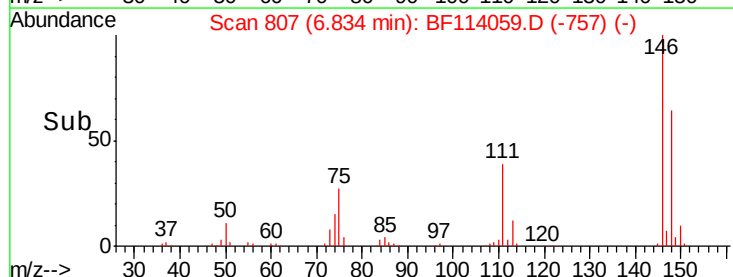
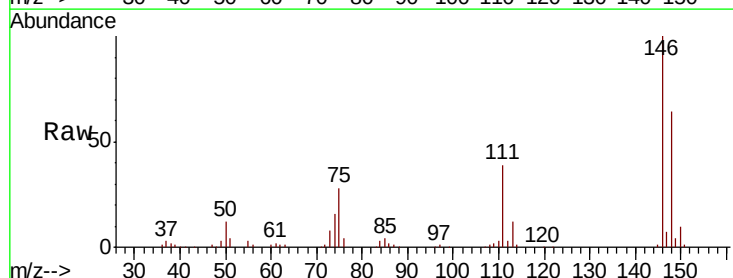
Sohil

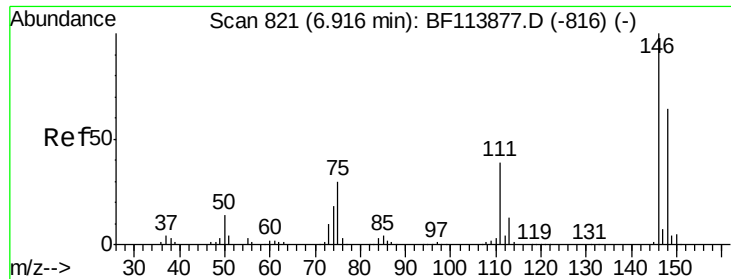
5/2/2019 4:53:28 PM



#12
1,3-Dichlorobenzene
Concen: 16.454 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.6
75	27.6	23.8	35.8





#13
 1,4-Dichlorobenzene
 Concen: 17.333 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

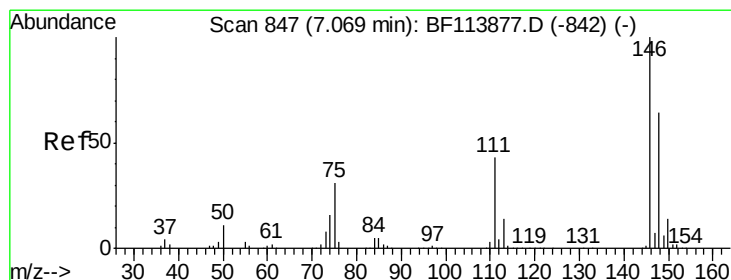
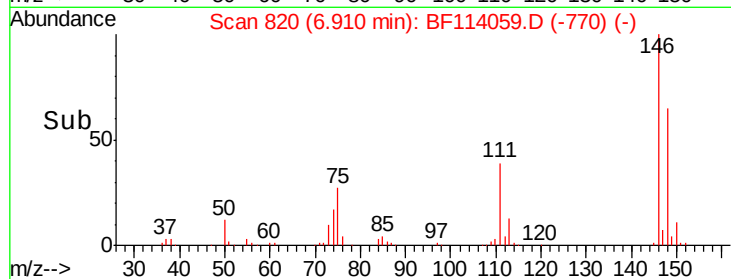
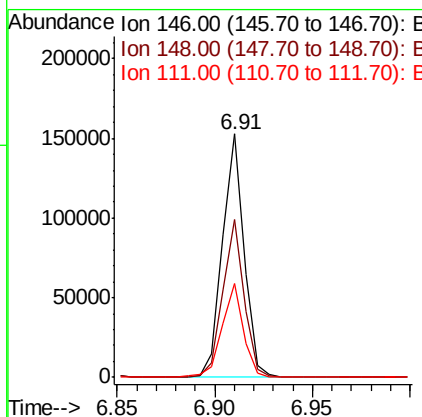
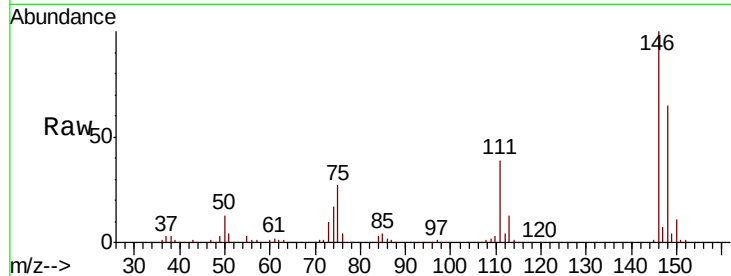
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	38.6	30.9	46.3

Manual Integrations
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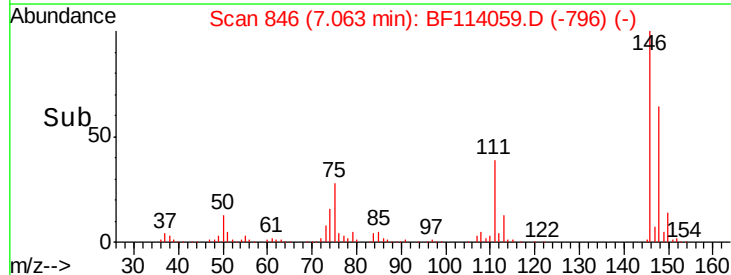
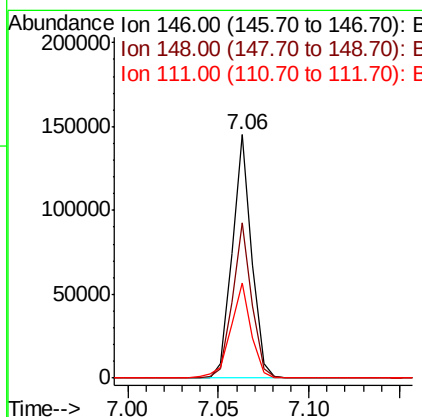
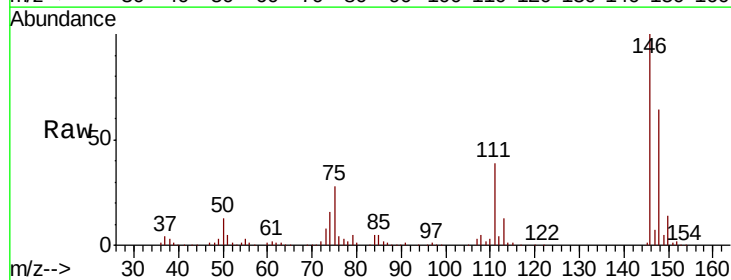
Sohil

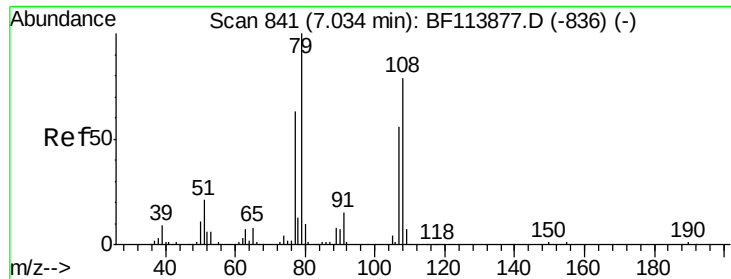
5/2/2019 4:53:28 PM



#14
 1,2-Dichlorobenzene
 Concen: 17.467 ng
 RT: 7.06 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.1	78.1
111	39.3	34.2	51.4





#15

Benzyl Alcohol

Concen: 18.419 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

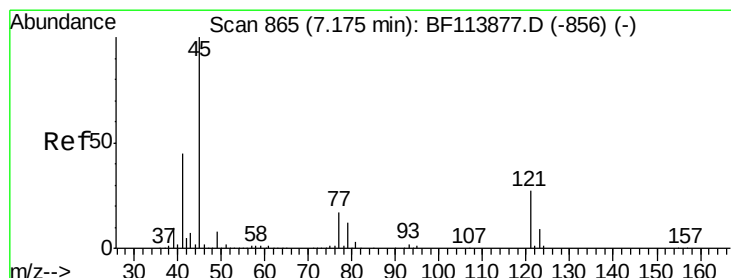
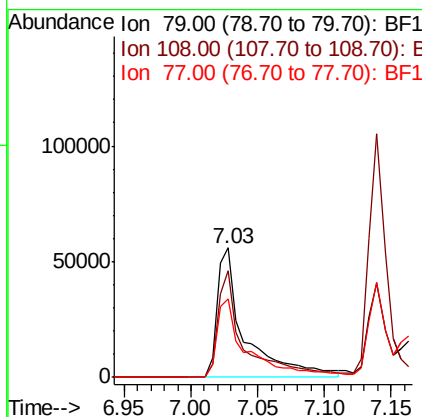
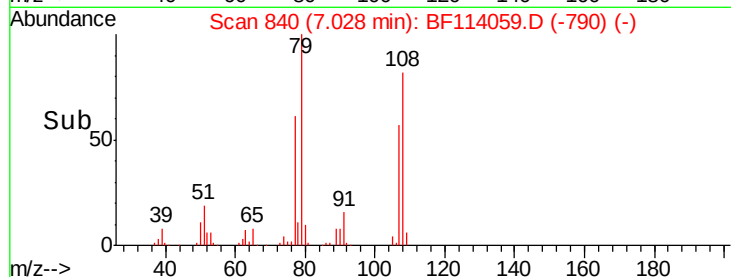
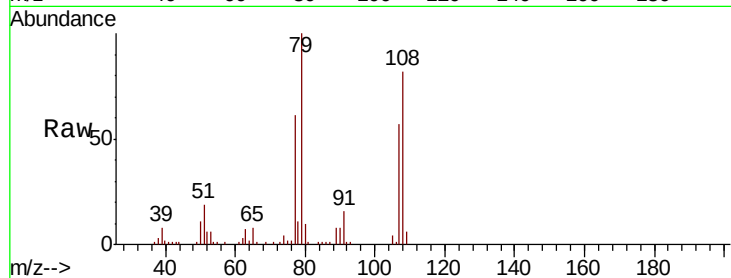
JC-03-042919-AMS

Tot Ion:	79	Resp:	81155
Ion Ratio	Lower	Upper	
79	100		
108	82.0	61.4	92.0
77	60.8	51.6	77.4

Manual Integrations
APPROVED

Sohil

5/2/2019 4:53:28 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 16.224 ng

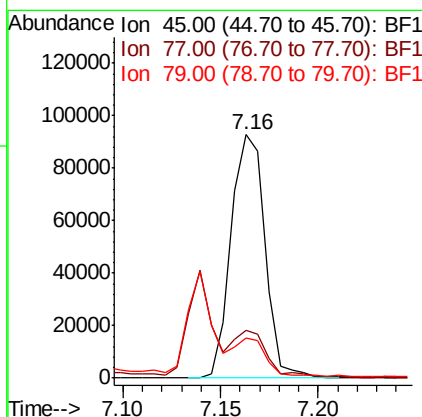
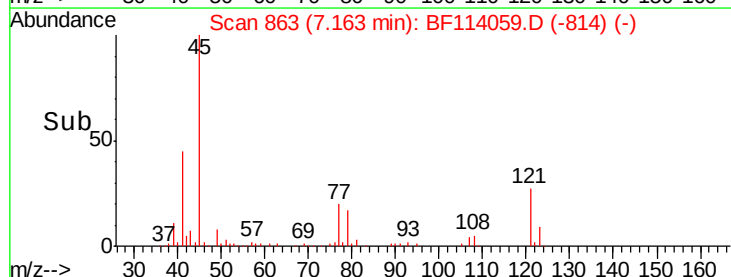
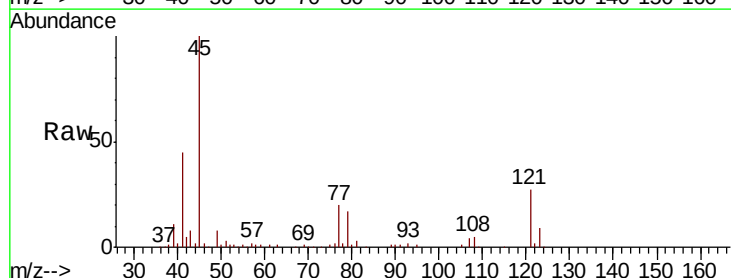
RT: 7.16 min Scan# 863

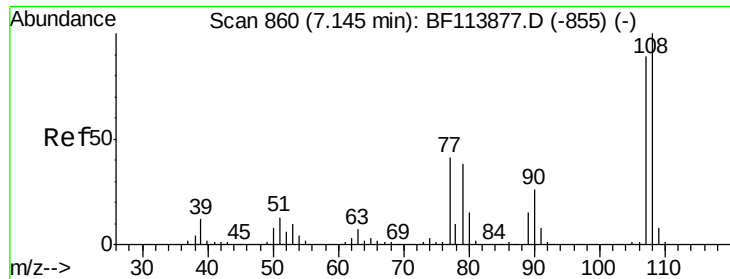
Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:	45	Resp:	111485
Ion Ratio	Lower	Upper	
45	100		
77	19.5	0.0	37.0
79	16.7	0.0	32.7





#17
2-Methylphenol
Concen: 15.912 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

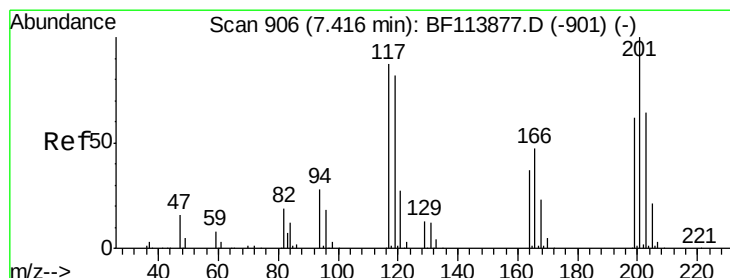
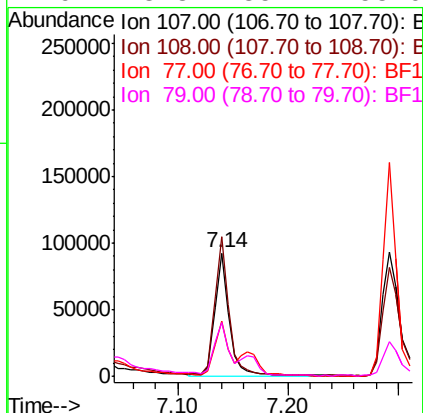
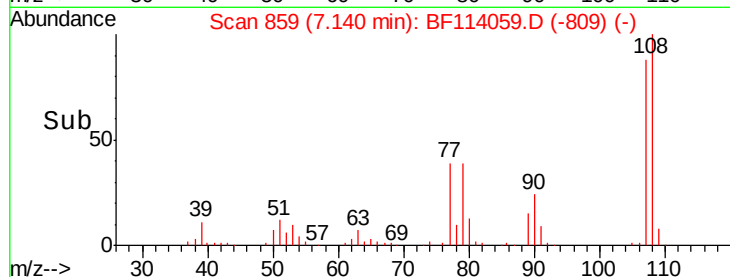
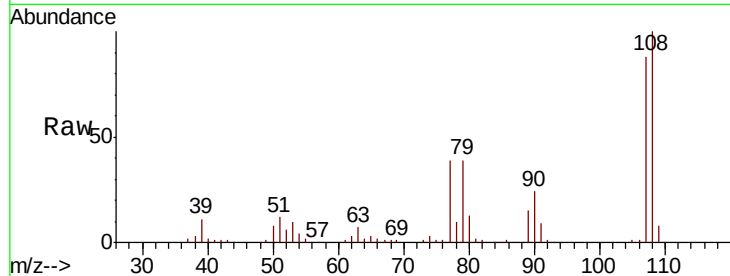
Instrument :
BNA_F
ClientSampleID :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.5	137.3
77	44.5	36.2	54.4
79	43.8	35.4	53.0

Manual Integrations
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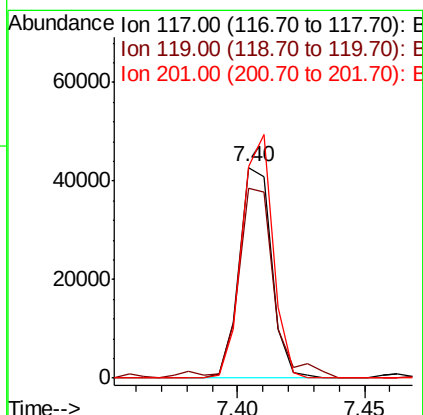
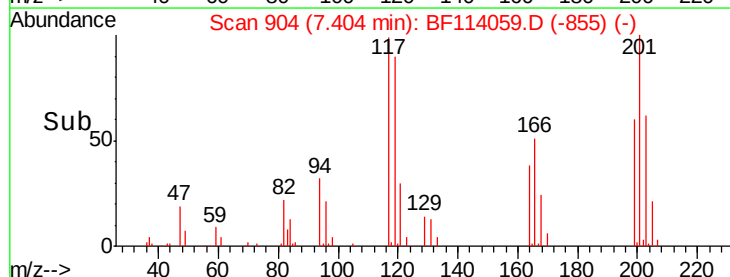
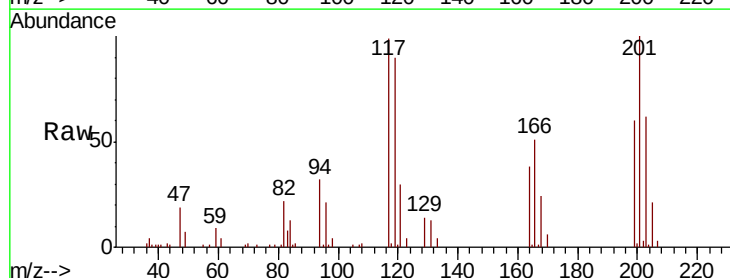
Sohil

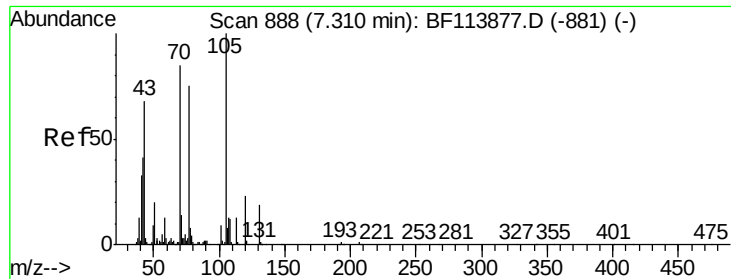
5/2/2019 4:53:28 PM



#18
Hexachloroethane
Concen: 15.980 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.1	74.4	111.6
201	100.7	90.2	135.2





#19
n-Nitroso-di-n-propylamine
Concen: 16.743 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.02 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

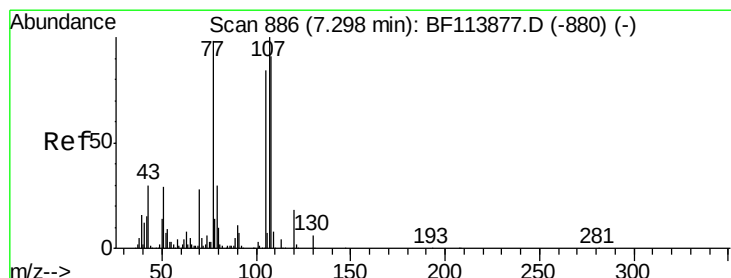
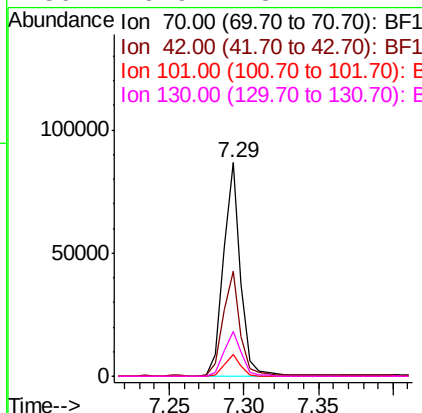
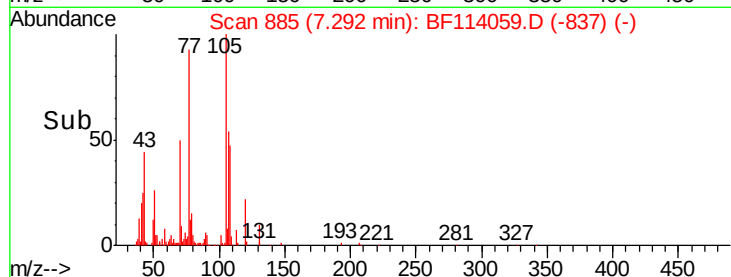
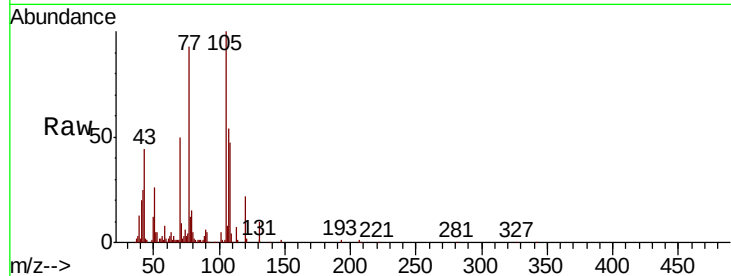
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.4	37.3	55.9
101	10.3	7.8	11.8
130	20.9	18.2	27.2

Manual Integrations
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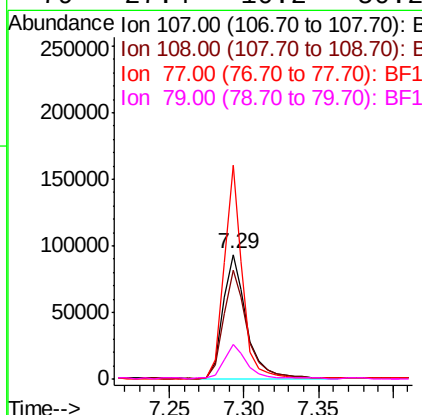
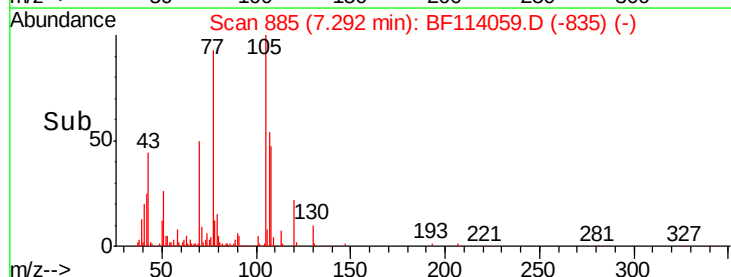
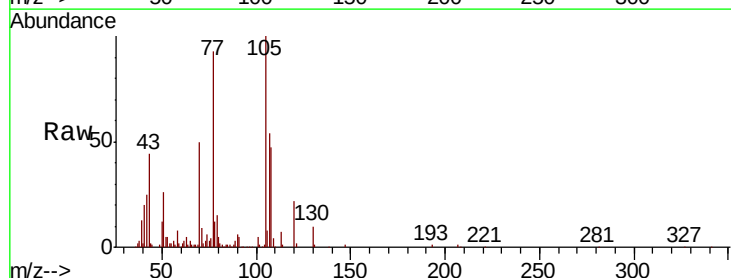
Sohil

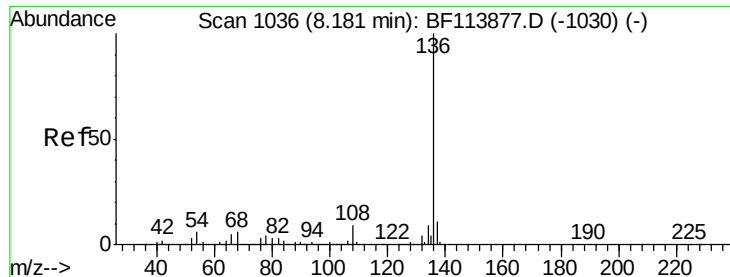
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#20
3+4-Methylphenols
Concen: 17.455 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	70.1	110.1
77	171.4	52.9	92.9#
79	27.4	10.2	50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

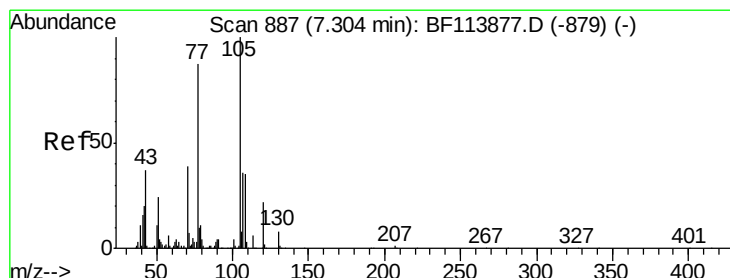
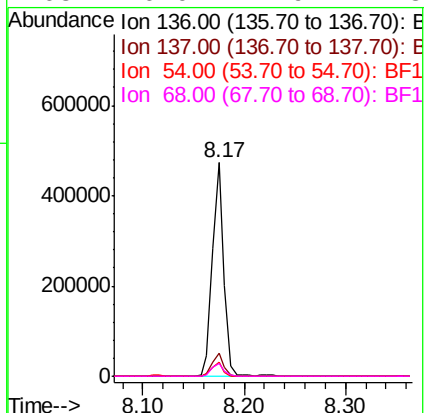
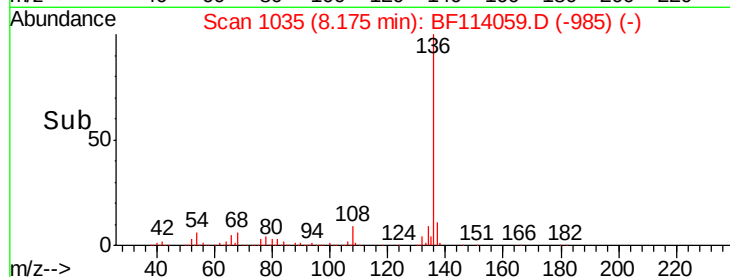
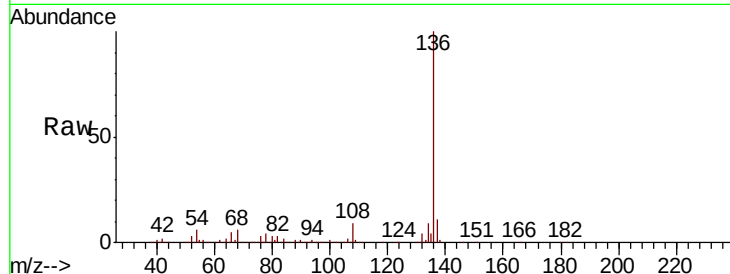
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	369892		
137	11.0	8.6	12.8	
54	6.3	5.0	7.6	
68	6.0	4.9	7.3	

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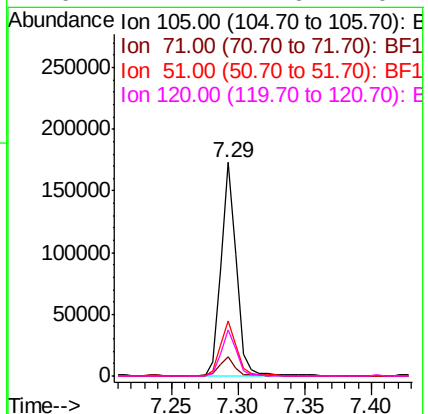
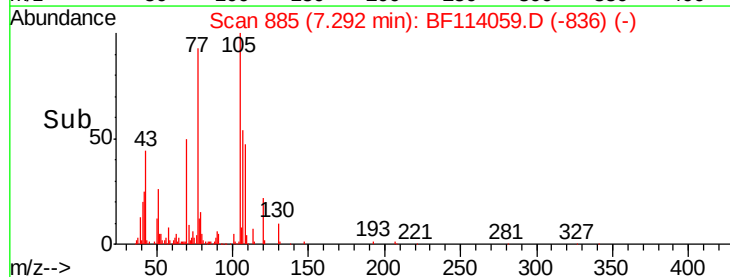
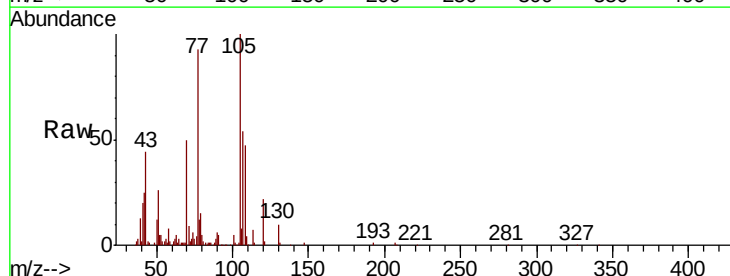
Sohil

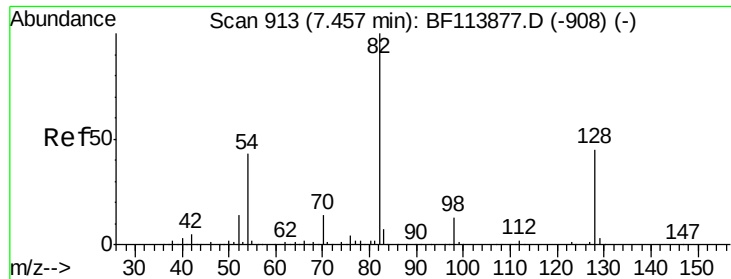
5/2/2019 4:53:28 PM



#22
Acetophenone
Concen: 17.161 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	141257		
71	8.8	6.1	9.1	
51	25.9	16.8	25.2	
120	21.7	17.6	26.4	





#23
Nitrobenzene-d5
Concen: 32.970 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

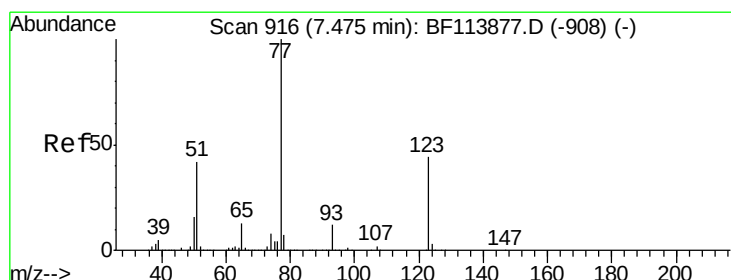
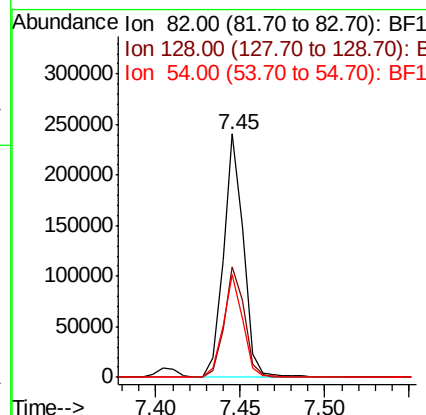
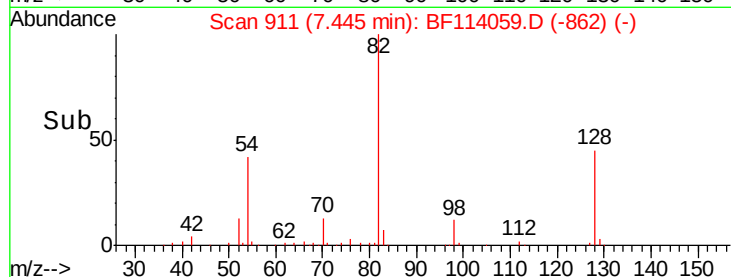
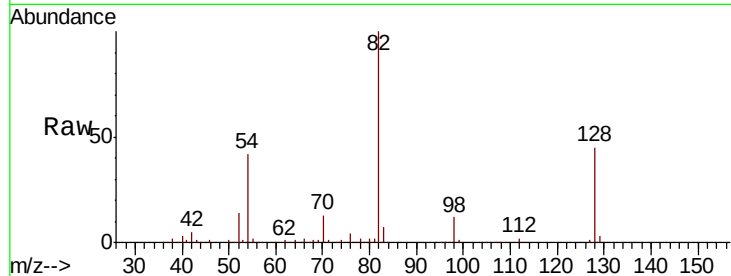
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100		197512		
128	45.4	36.8	55.2		
54	42.1	33.8	50.6		

Manual Integrations
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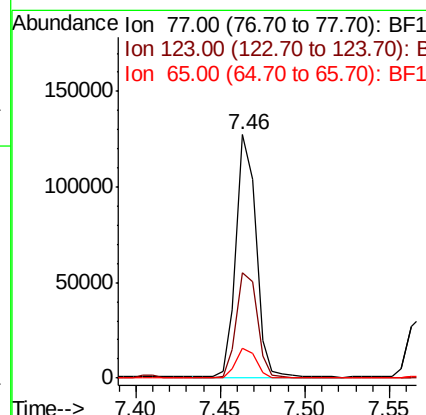
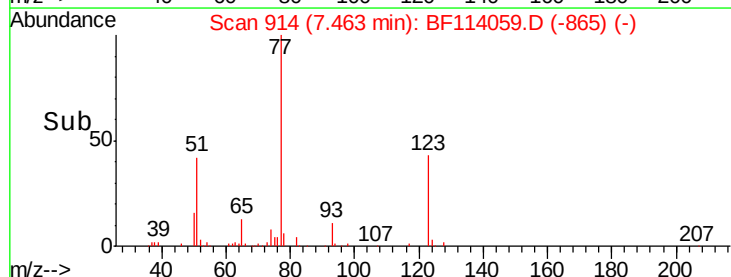
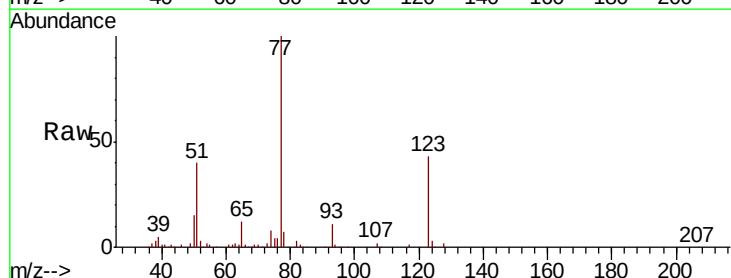
Sohil

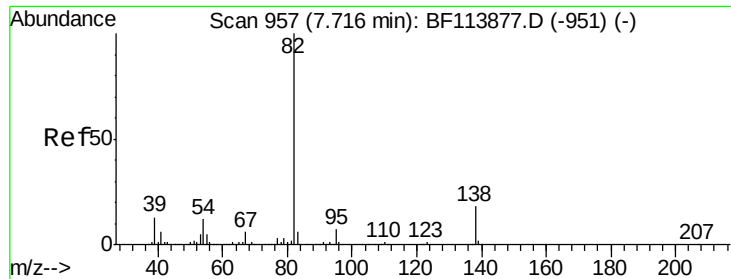
5/2/2019 4:53:28 PM



#24
Nitrobenzene
Concen: 15.806 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100		104626		
123	43.2	36.3	54.5		
65	12.2	10.3	15.5		





#25

Isophorone

Concen: 16.959 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

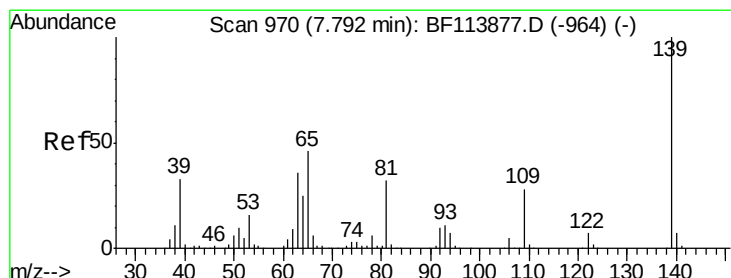
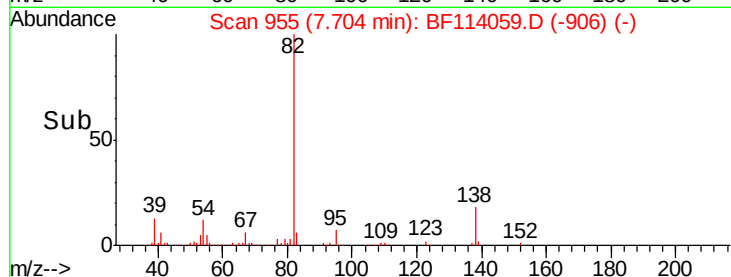
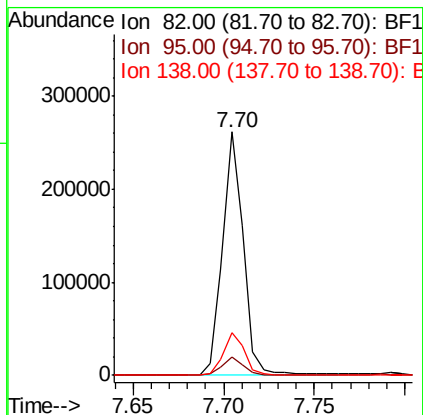
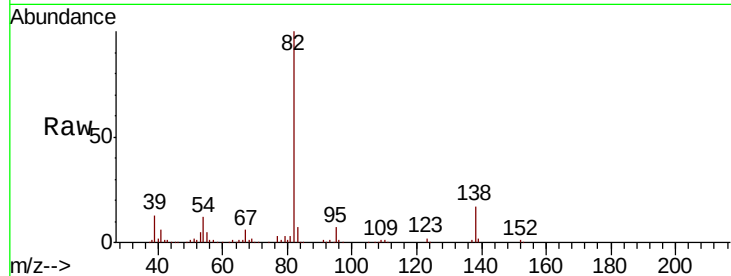
Tot Ion:	82	Resp:	207880
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.4	8.2
138	17.5	14.6	22.0

Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Manual Integrations
APPROVED

Sohil

5/2/2019 4:53:28 PM



#26

2-Nitrophenol

Concen: 18.043 ng

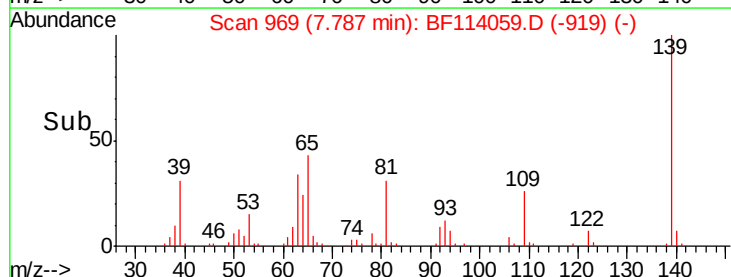
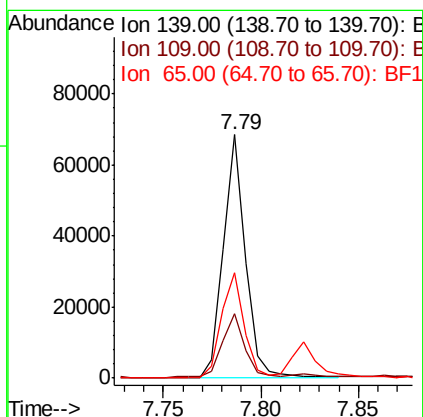
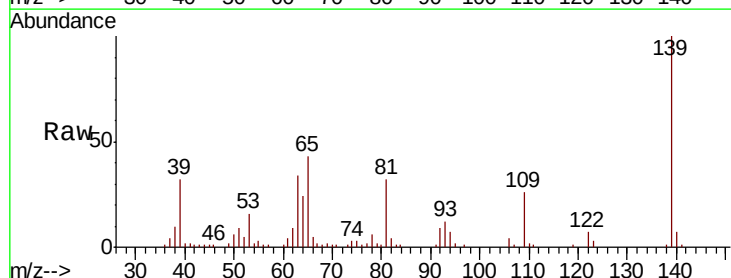
RT: 7.79 min Scan# 969

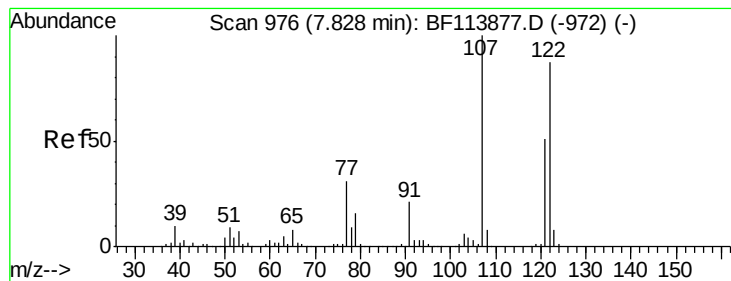
Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:	139	Resp:	54488
Ion Ratio	Lower	Upper	
139	100		
109	26.4	20.6	31.0
65	43.2	34.6	52.0





#27

2,4-Dimethylphenol

Concen: 20.416 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

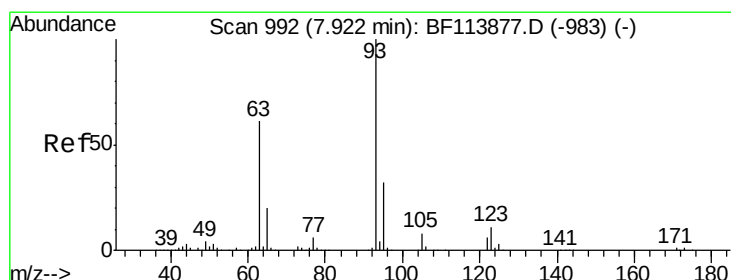
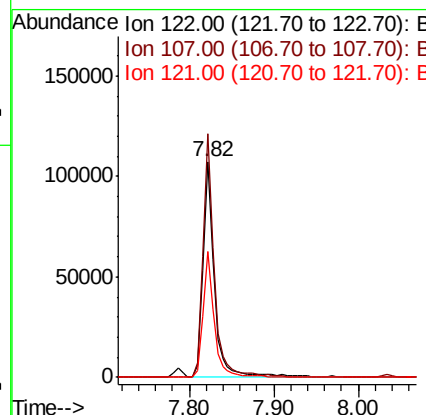
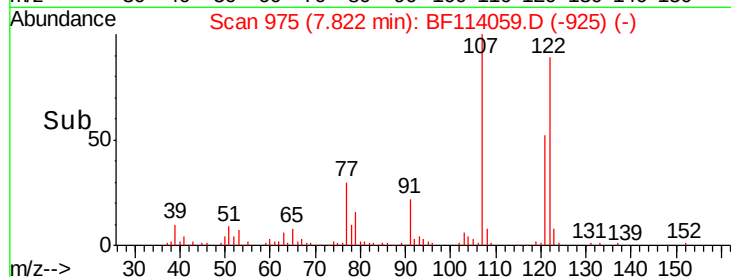
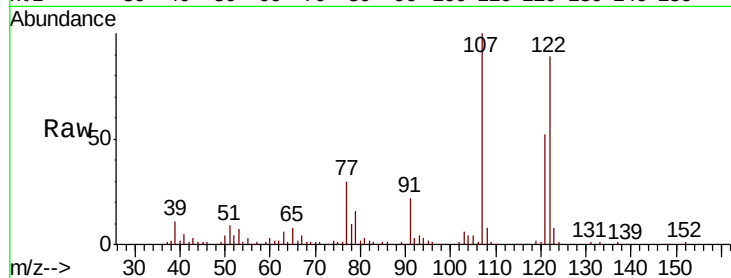
JC-03-042919-AMS

Tot Ion:	122	Resp:	100452
Ion Ratio	Lower	Upper	
122	100		
107	112.9	91.2	136.8
121	58.5	46.4	69.6

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5/2/2019 4:53:28 PM



#28

bis(2-Chloroethoxy)methane

Concen: 17.160 ng

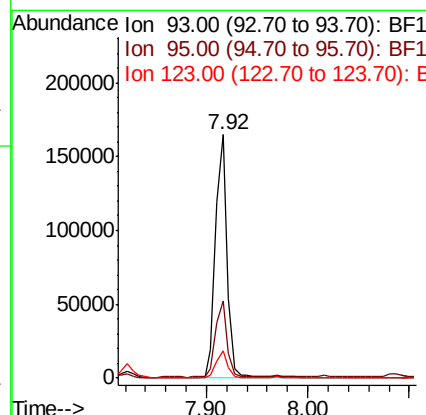
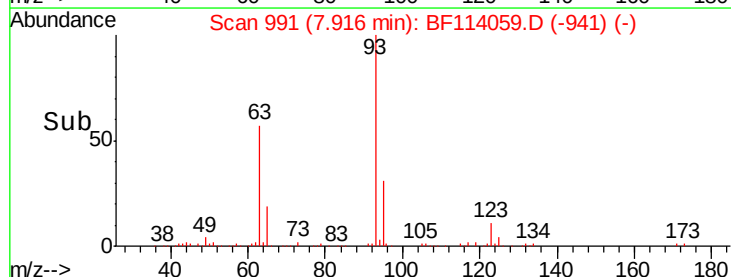
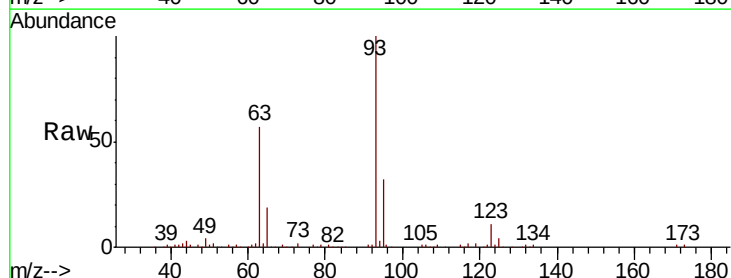
RT: 7.92 min Scan# 991

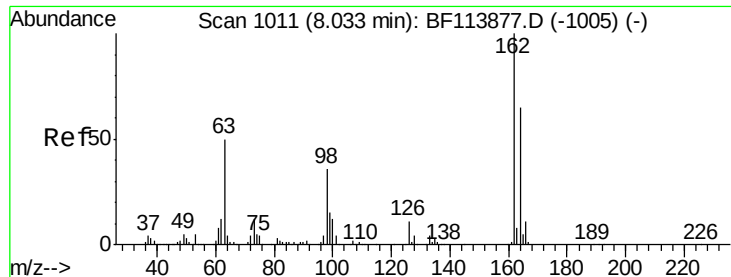
Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:	93	Resp:	134036
Ion Ratio	Lower	Upper	
93	100		
95	31.8	25.8	38.6
123	11.3	9.0	13.6





#29
2,4-Dichlorophenol
Concen: 17.606 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

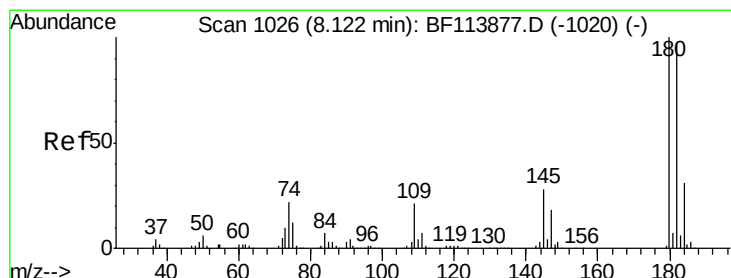
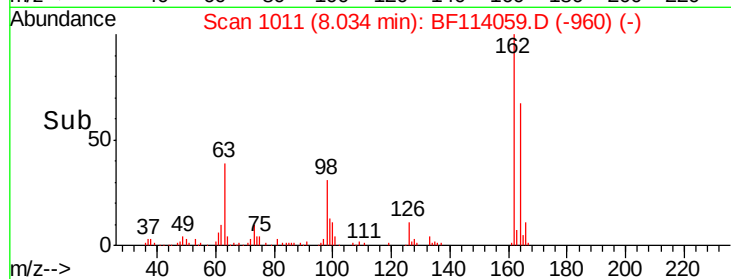
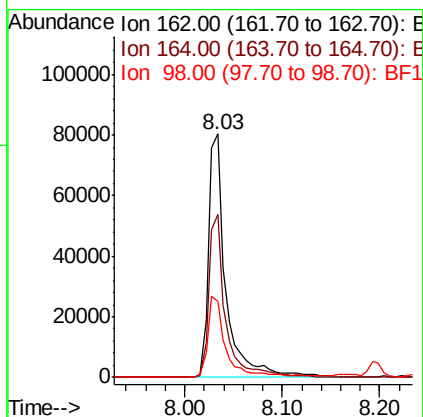
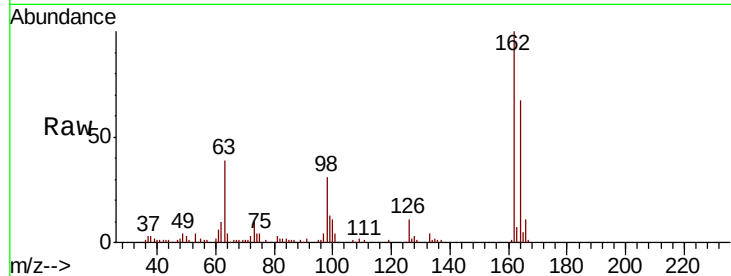
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	43.7	83.7
98	31.0	15.5	55.5

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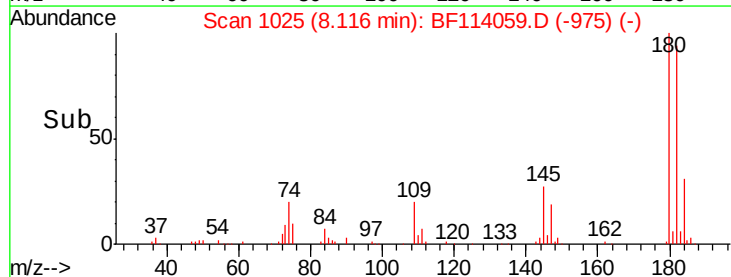
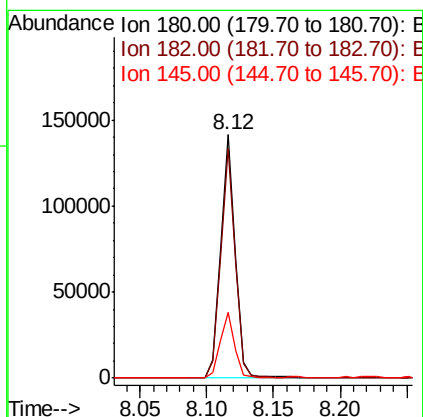
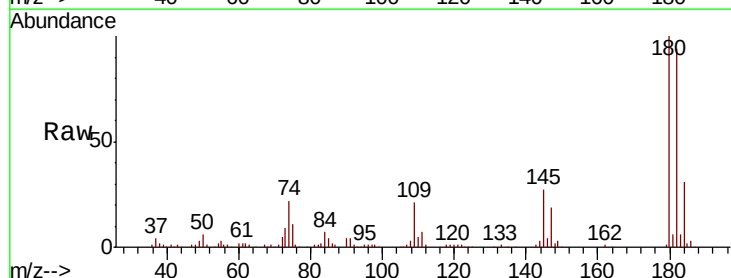
Sohil

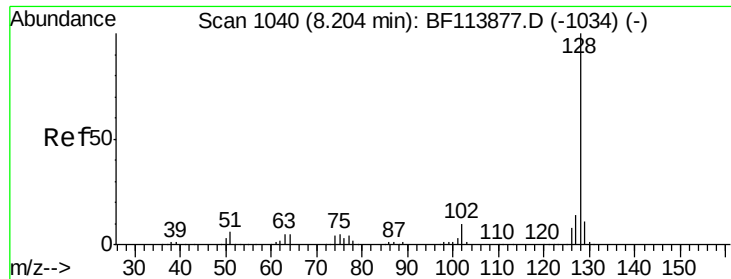
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#30
1,2,4-Trichlorobenzene
Concen: 17.446 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	75.4	113.0
145	26.9	23.0	34.4





#31
Naphthalene
Concen: 18.259 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

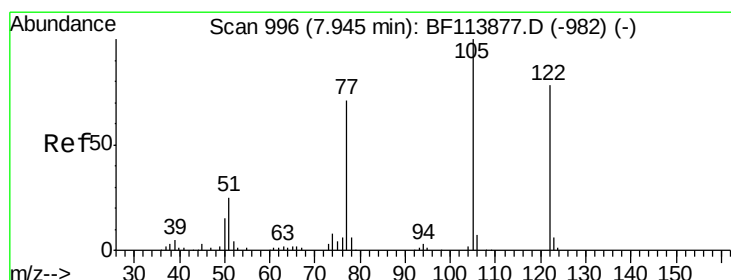
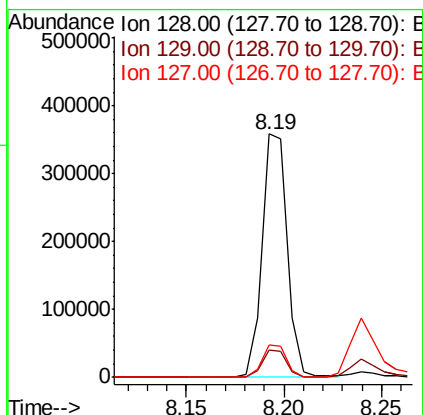
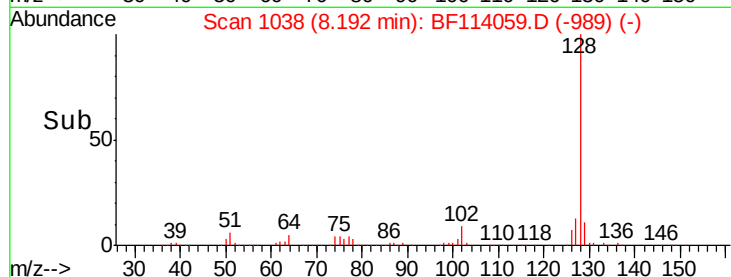
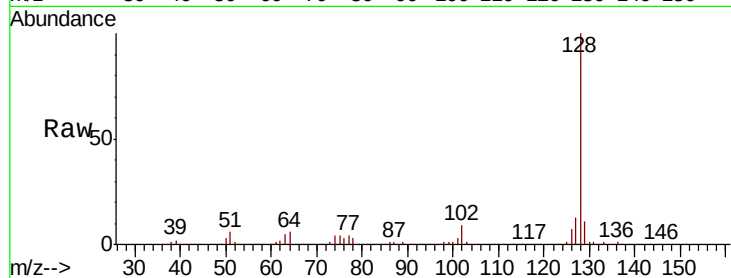
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	320841		
129	11.1		9.4	14.0
127	13.2		10.8	16.2

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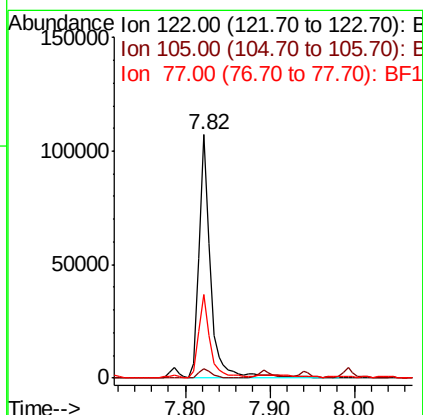
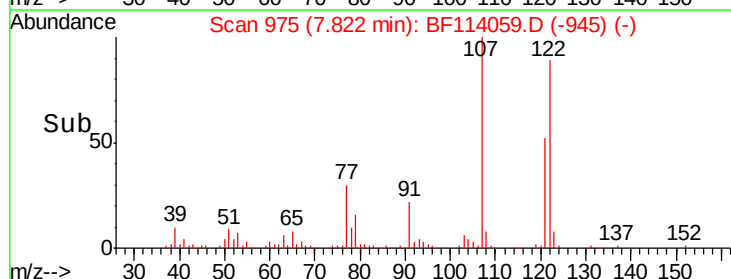
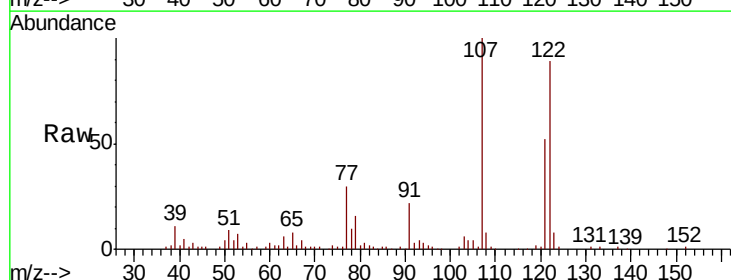
Sohil

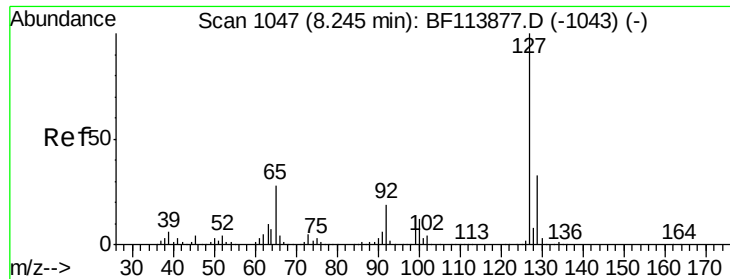
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#32
Benzoic acid
Concen: 30.232 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.12 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	100452		
105	4.1		104.3	144.3#
77	34.2		70.4	110.4#





#33
4-Chloroaniline
Concen: 12.701 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

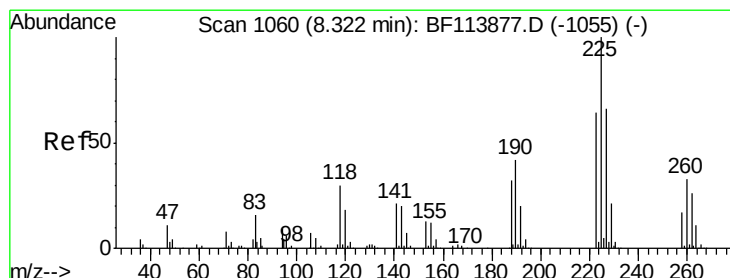
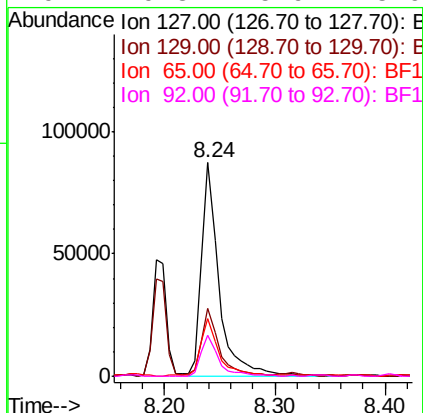
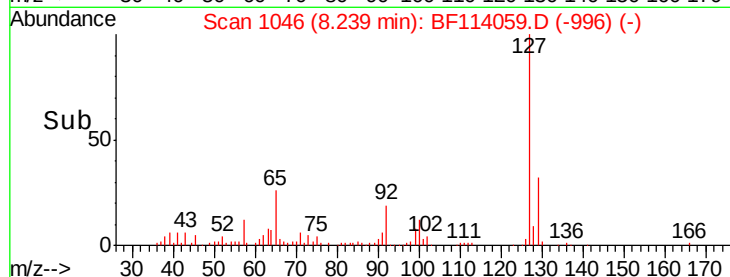
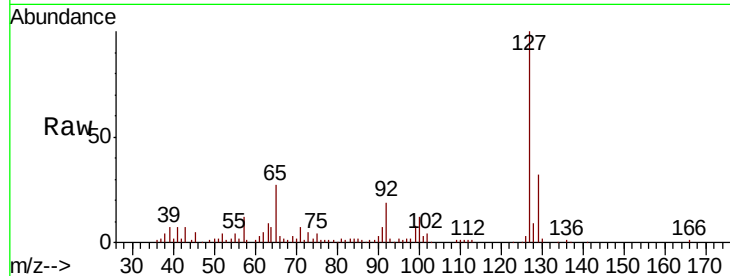
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.4	39.6		
65	27.2	24.9	37.3		
92	19.3	15.9	23.9		

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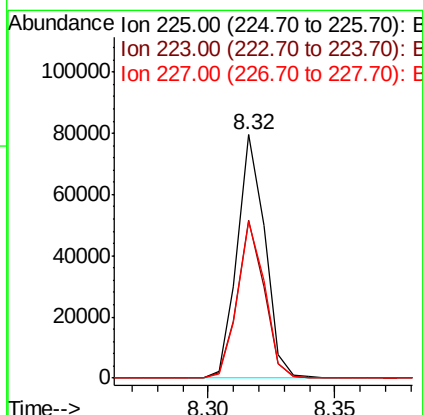
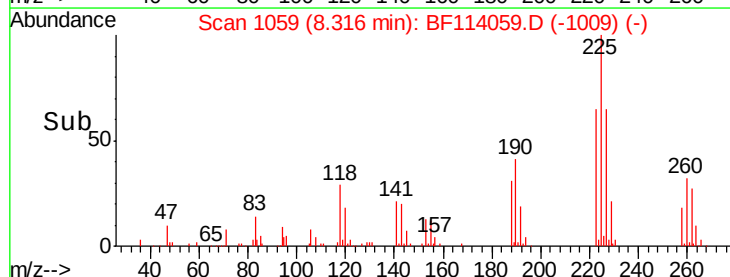
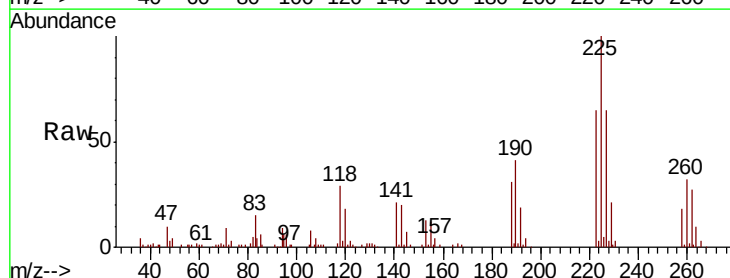
Sohil

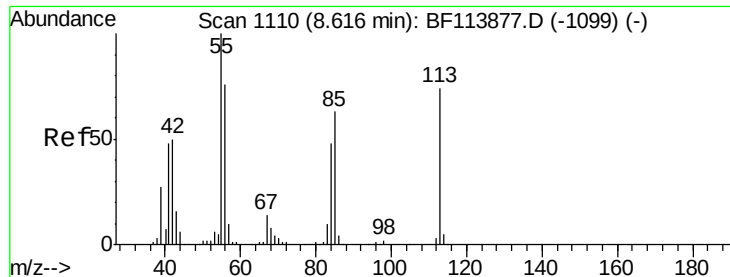
5/2/2019 4:53:28 PM



#34
Hexachlorobutadiene
Concen: 15.346 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.6	51.1	76.7		
227	64.5	49.9	74.9		





#35
 Caprolactam
 Concen: 16.568 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.04 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

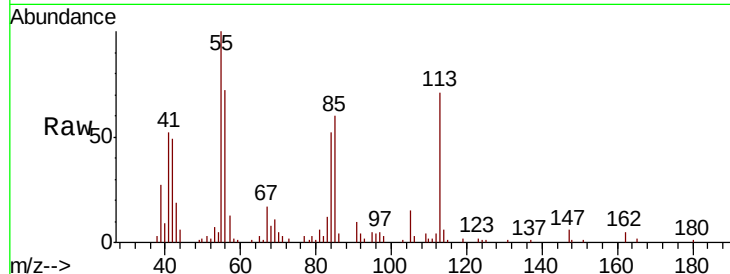
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	141.8	128.6	168.6		
56	101.9	91.9	131.9		

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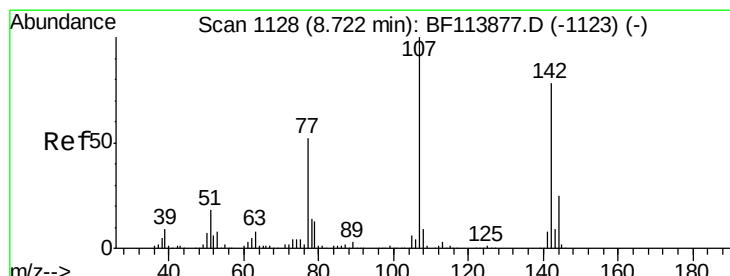
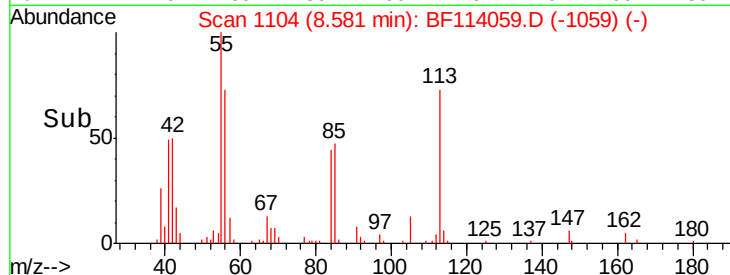
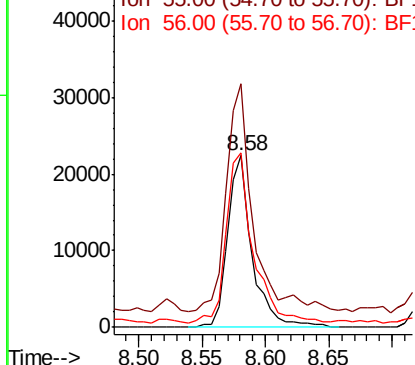


Abundance

Ion 113.00 (112.70 to 113.70): E

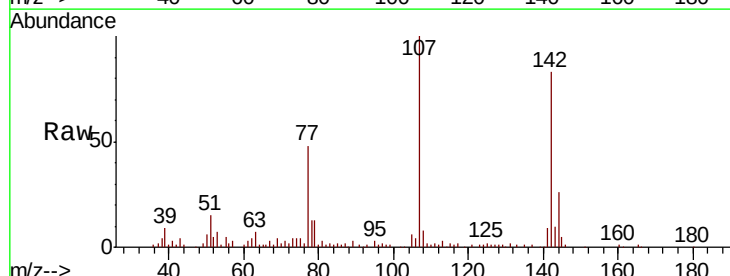
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 16.382 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.1	20.5	30.7		
142	82.7	64.2	96.4		

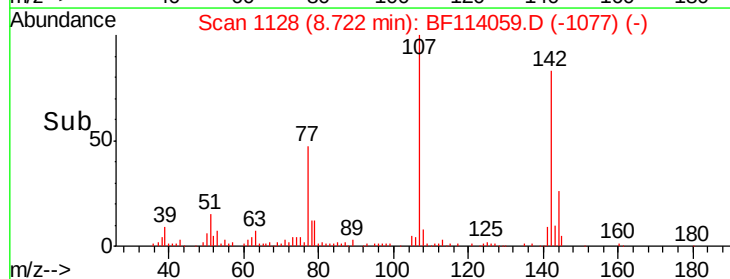
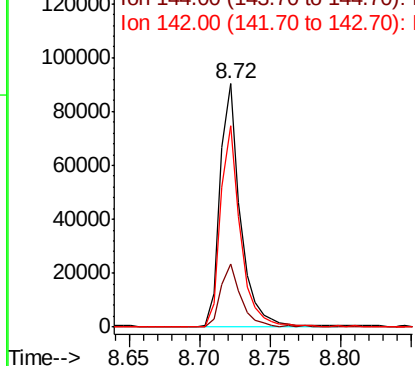


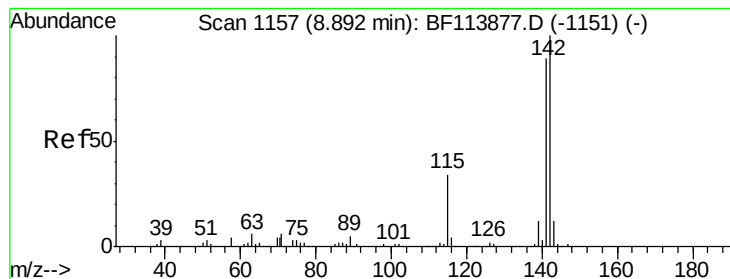
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 17.737 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

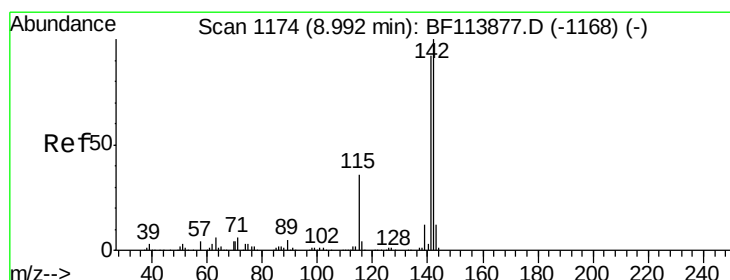
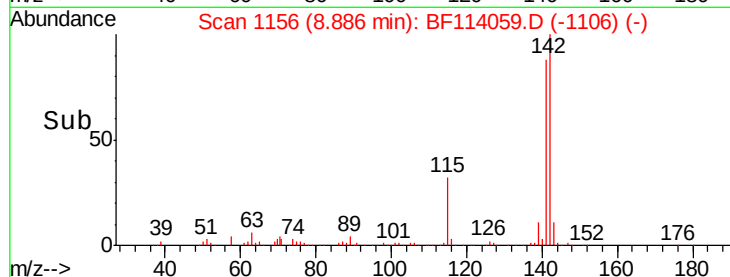
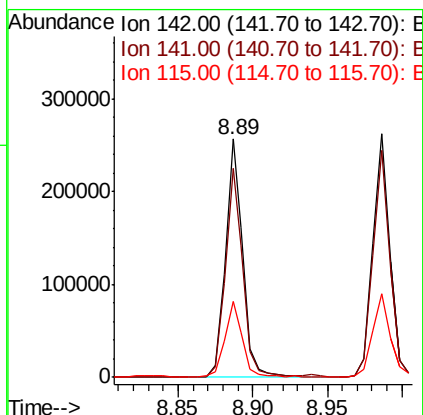
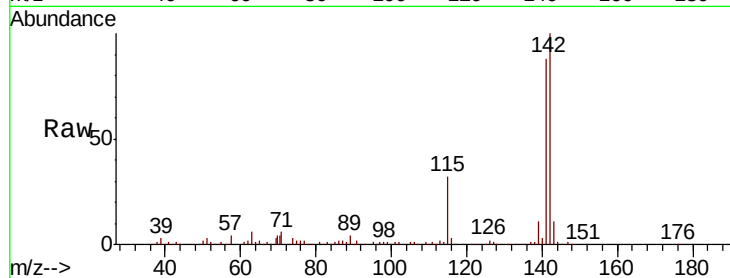
JC-03-042919-AMS

Tot Ion:	142	Resp:	210174
Ion Ratio	Lower	Upper	
142	100		
141	87.9	70.4	105.6
115	32.0	26.3	39.5

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#38

1-Methylnaphthalene

Concen: 17.863 ng

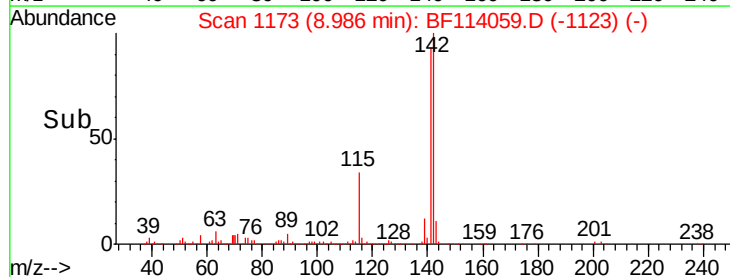
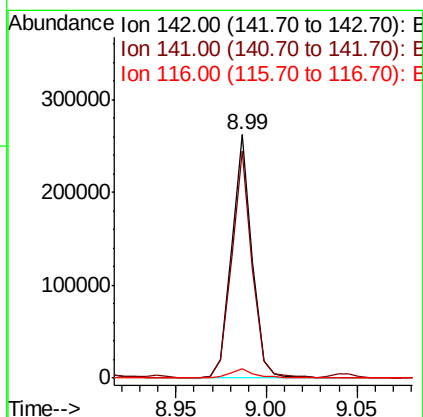
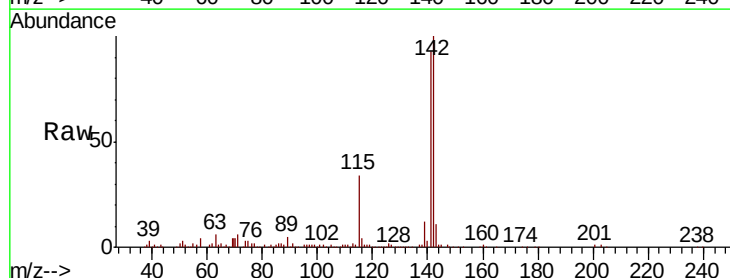
RT: 8.99 min Scan# 1173

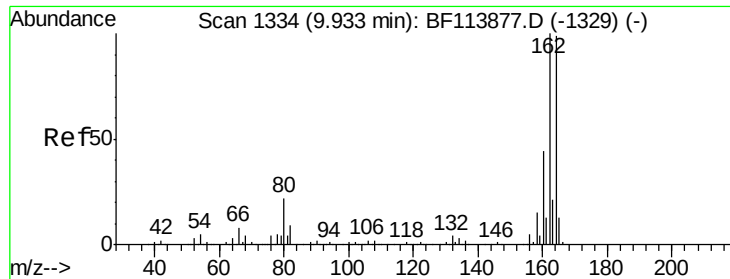
Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:	142	Resp:	204291
Ion Ratio	Lower	Upper	
142	100		
141	93.0	72.3	108.5
116	3.6	3.0	4.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

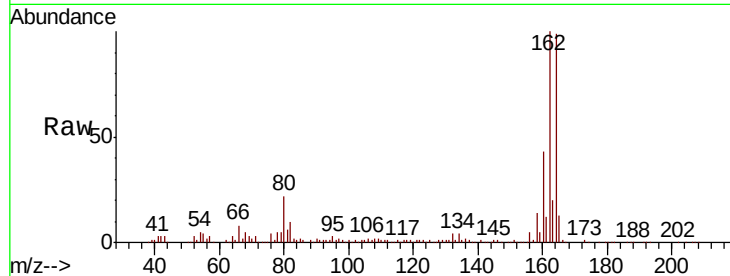
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.7	81.1	121.7	
160	43.4	35.8	53.6	

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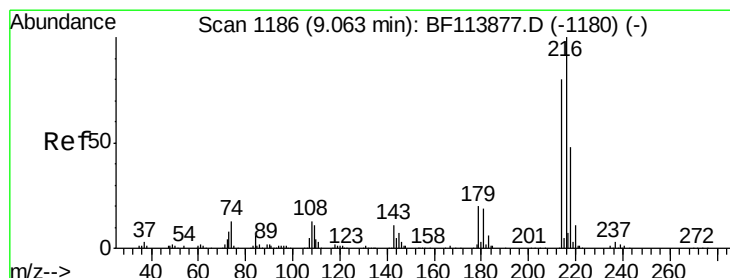
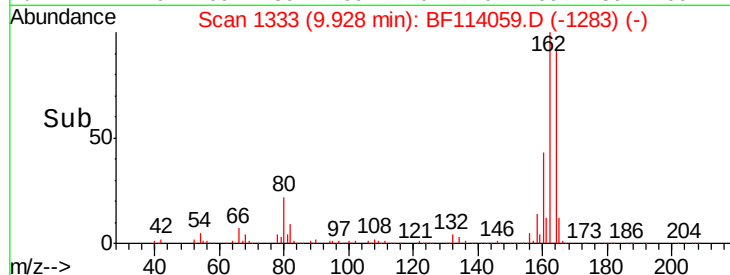
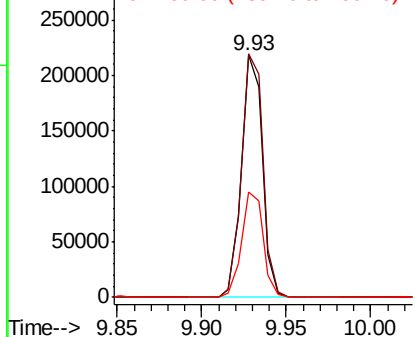


Abundance

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: 17.131 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.5	95.3	
179	21.0	16.1	24.1	
108	16.2	13.4	20.0	

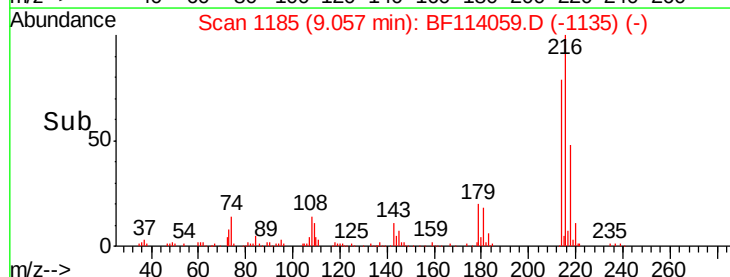
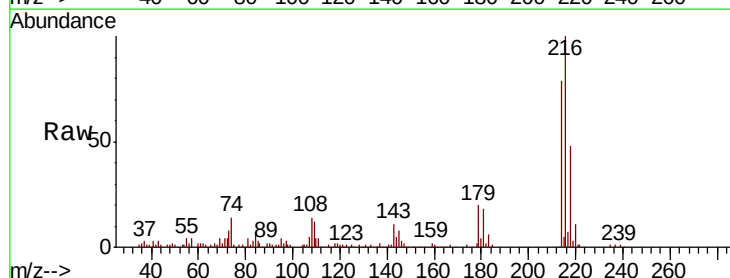
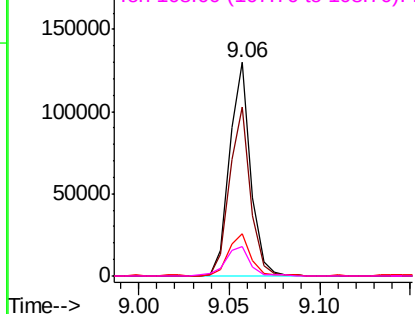
Abundance

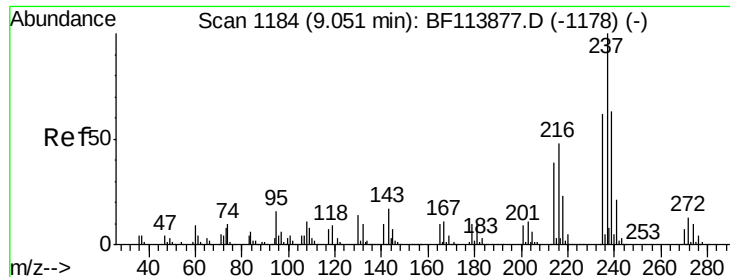
Ion 216.00 (215.70 to 216.70): E

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: 11.009 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

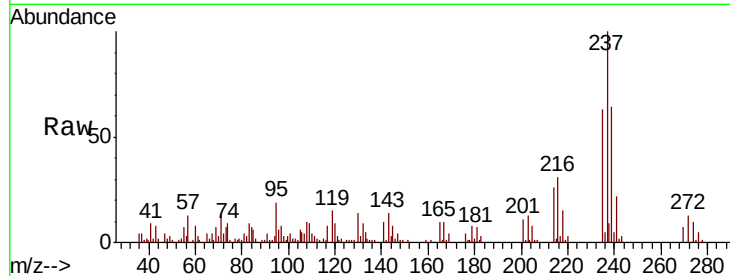
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.2	42.6	82.6	
272	13.2	0.0	33.8	

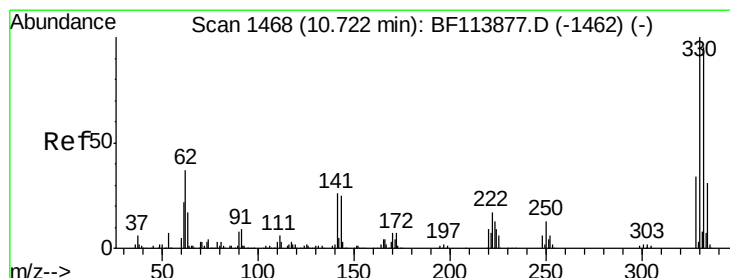
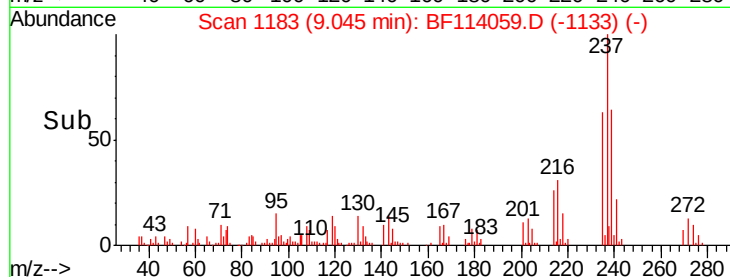
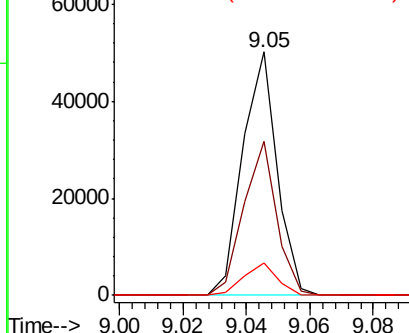
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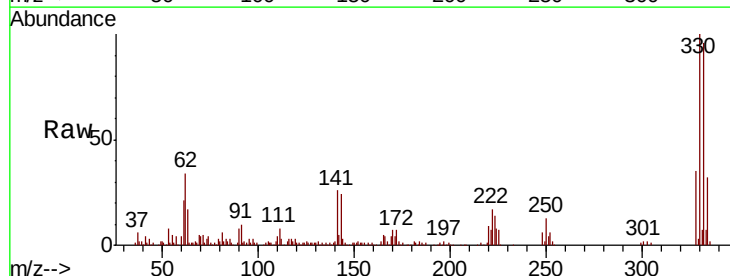


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

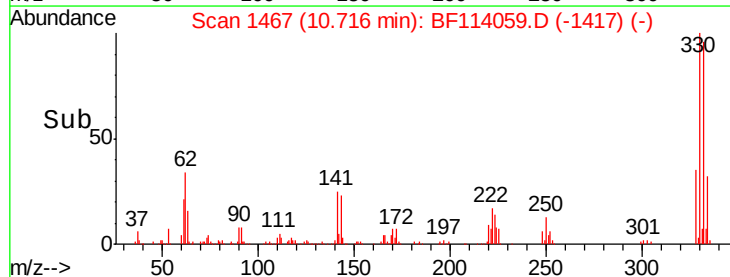
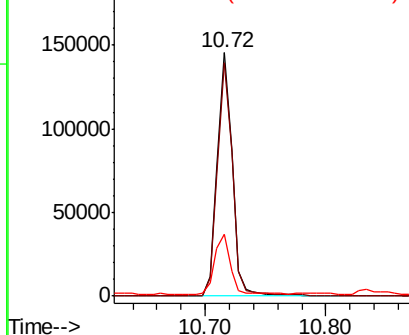


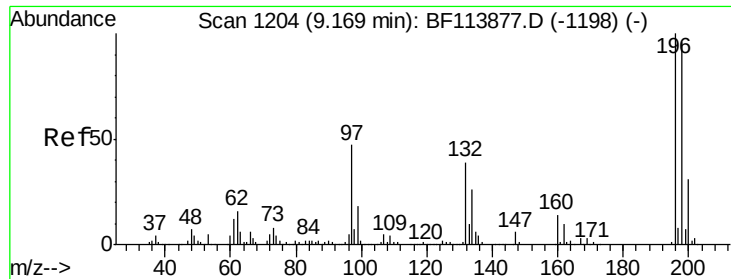
#42
2,4,6-Tribromophenol
Concen: 53.775 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.5	116.3	
141	25.4	22.2	33.2	



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: 19.043 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

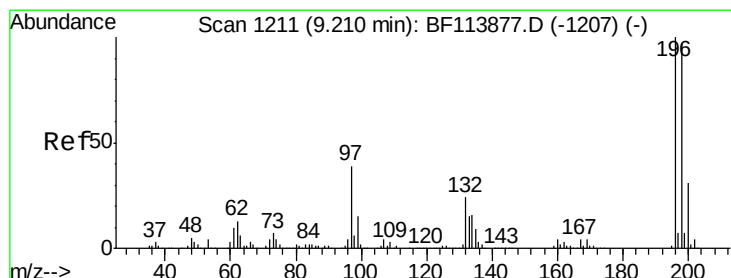
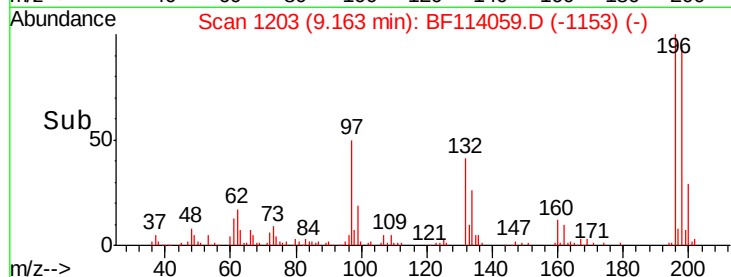
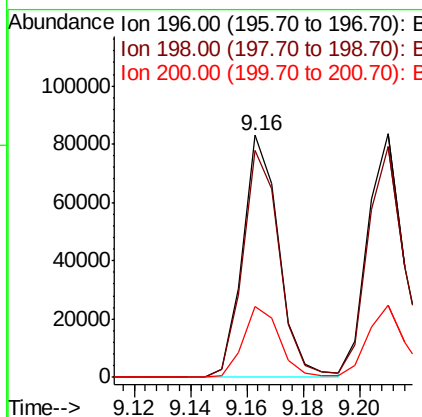
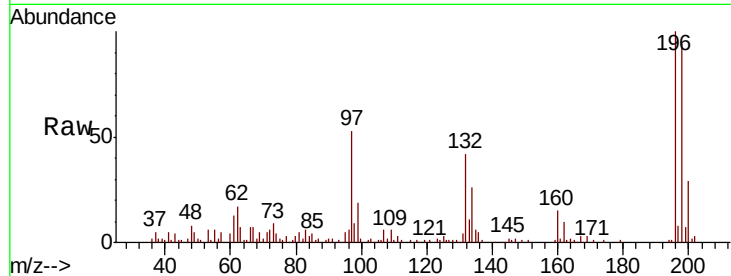
Instrument :
 BNA_F
 ClientSampleId :
 JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.6	113.4
200	29.0	24.7	37.1

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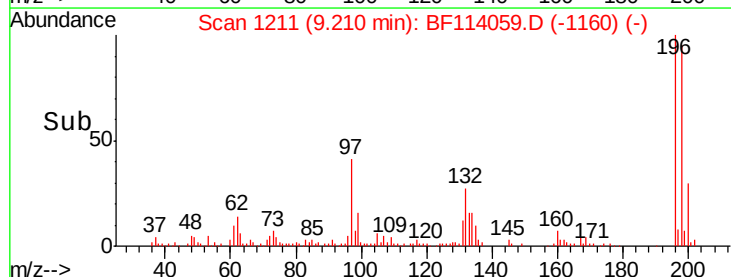
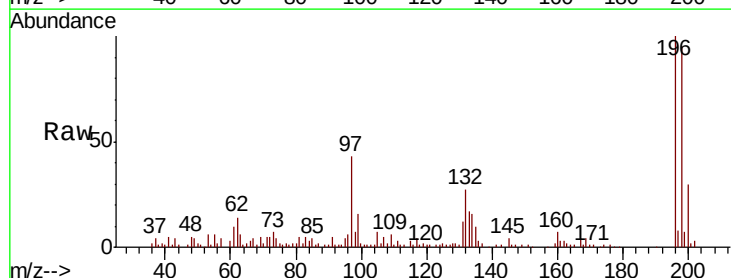
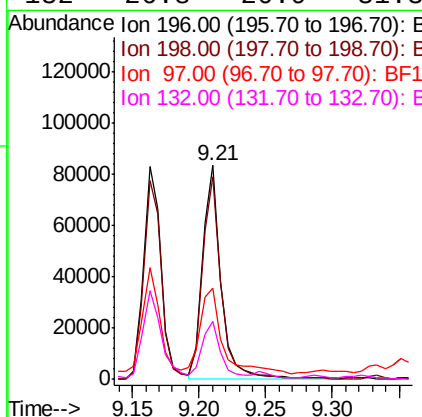
Sohil

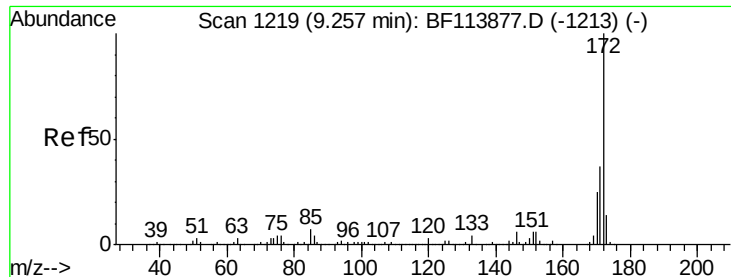
5/2/2019 4:53:28 PM



#44
 2,4,5-Trichlorophenol
 Concen: 18.395 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114059.D
 Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.2	114.4
97	42.6	35.8	53.8
132	26.8	20.9	31.3





#45
2-Fluorobiphenyl
Concen: 38.200 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

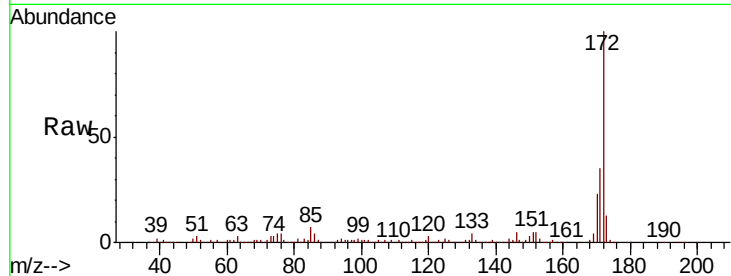
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	35.5	29.4	44.0		
170	22.8	19.9	29.9		

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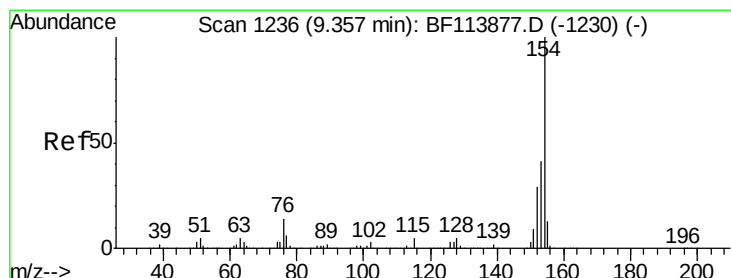
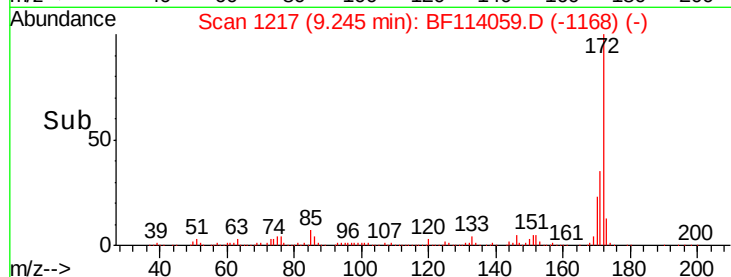
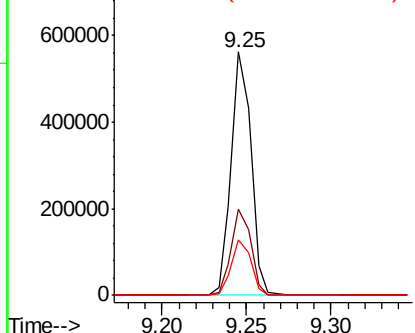


Abundance

Ion 172.00 (171.70 to 172.70): E

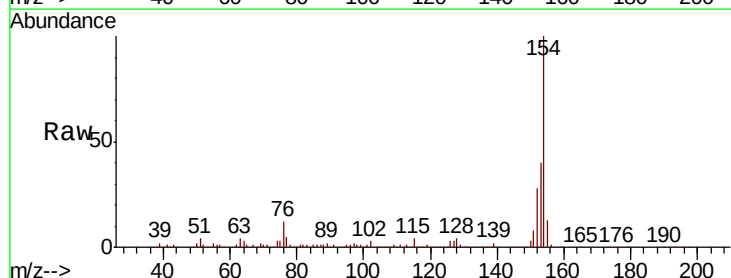
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 19.188 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	40.0	20.8	60.8		
76	12.0	0.0	35.2		

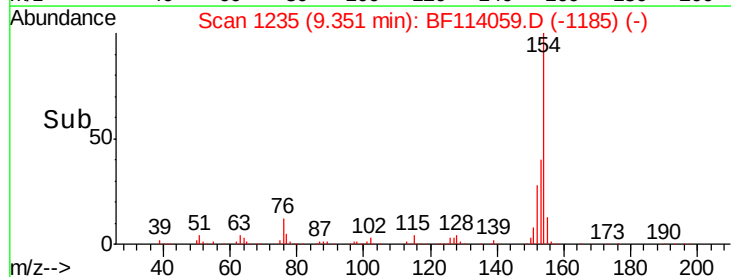
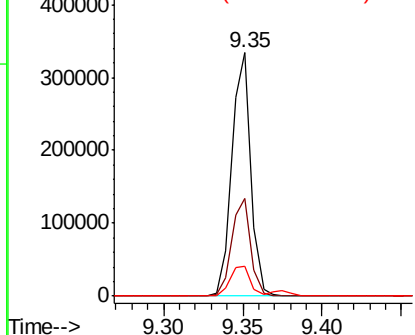


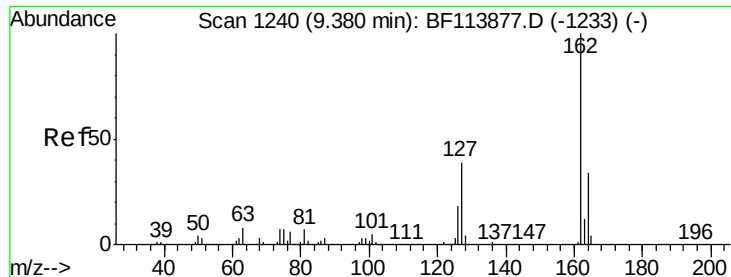
Abundance

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: 18.495 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

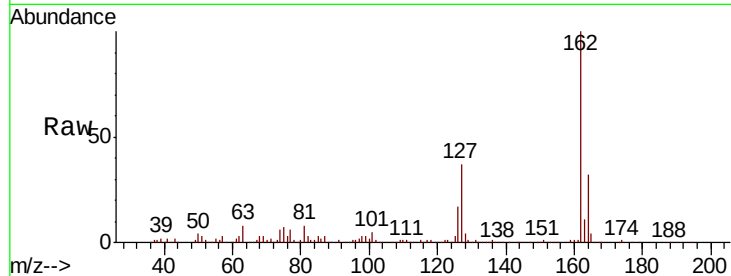
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.5	29.3	43.9	
164	32.4	27.1	40.7	

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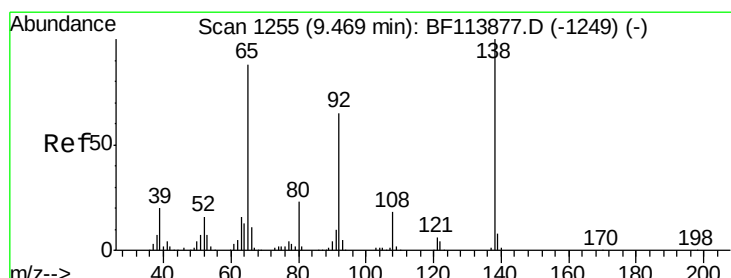
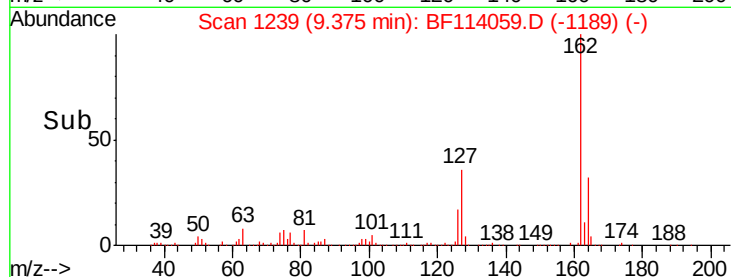
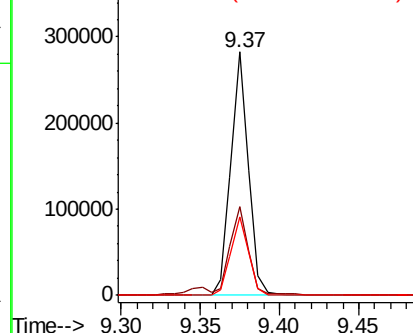


Abundance

Ion 162.00 (161.70 to 162.70): E

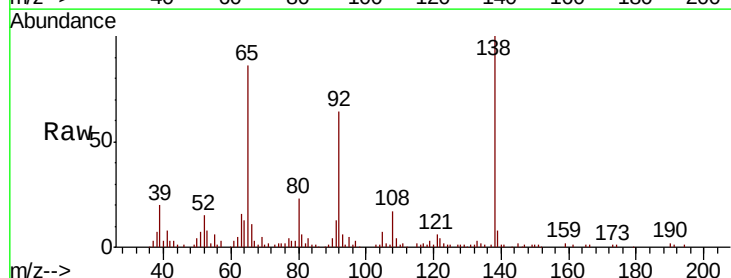
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 19.096 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.8	57.4	86.0	
138	116.0	85.4	128.0	

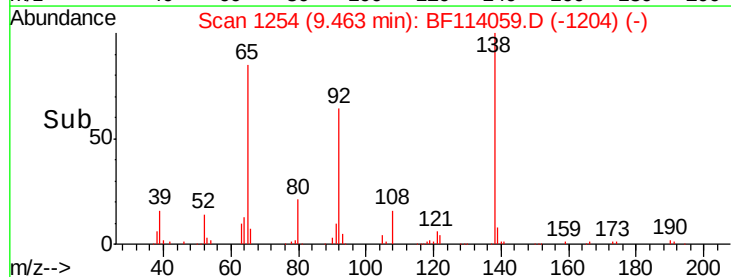
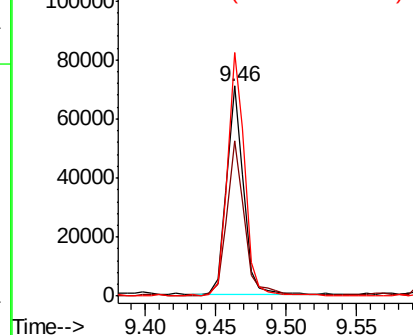


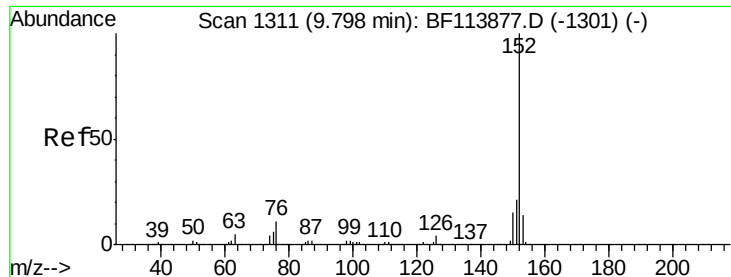
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49
Acenaphthylene
Concen: 18.737 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

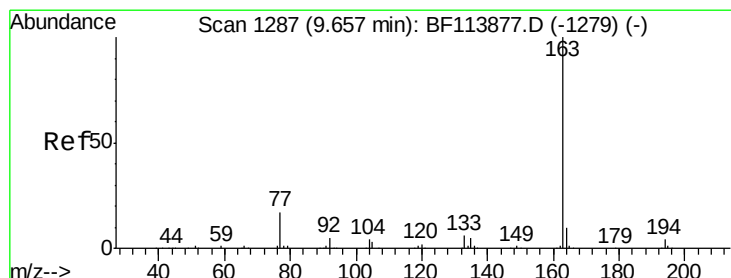
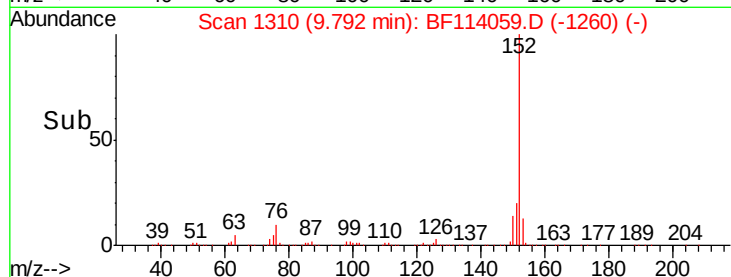
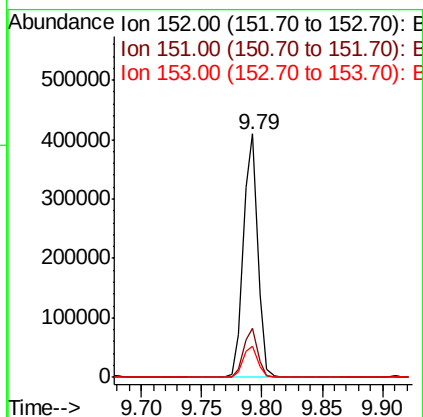
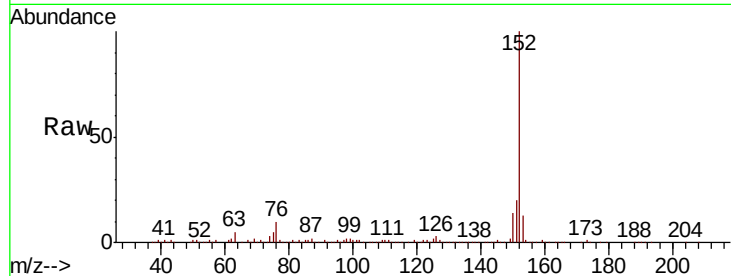
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	17.0	25.4
153	12.8	11.0	16.6

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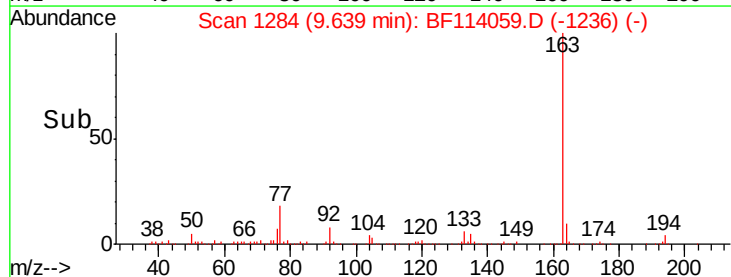
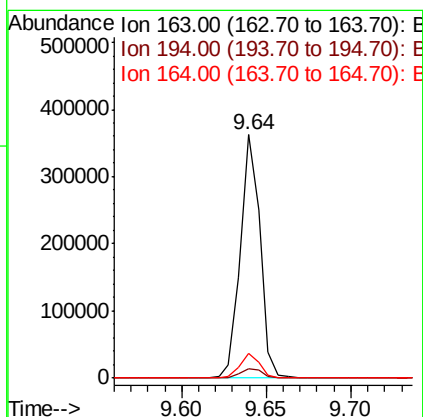
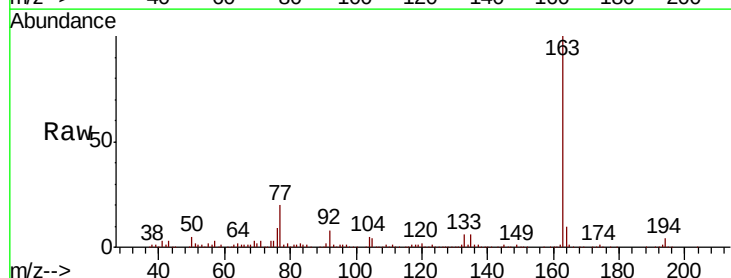
Sohil

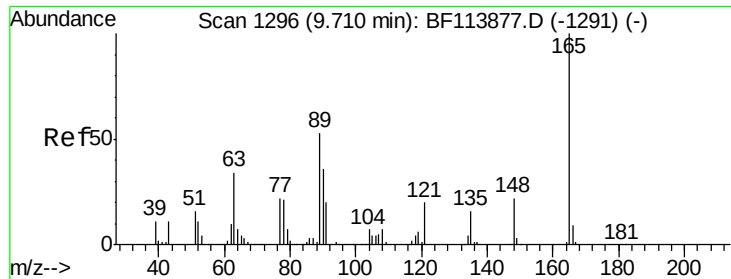
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#50
Dimethylphthalate
Concen: 21.395 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 18.962 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

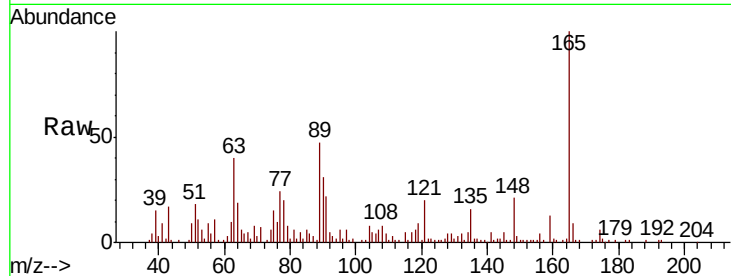
JC-03-042919-AMS

Tot Ion:	165	Resp:	55485
Ion Ratio	Lower	Upper	
165	100		
63	40.0	33.8	50.8
89	47.3	38.2	57.2

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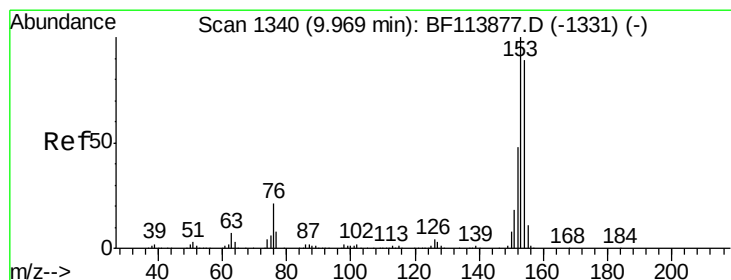
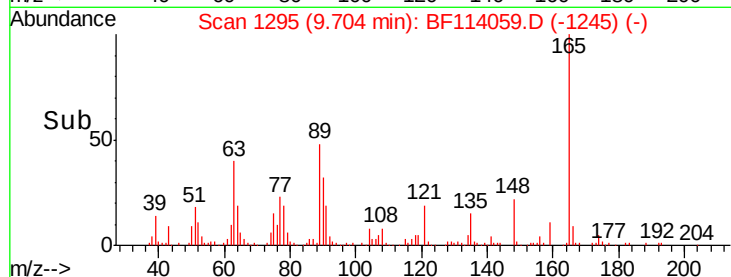
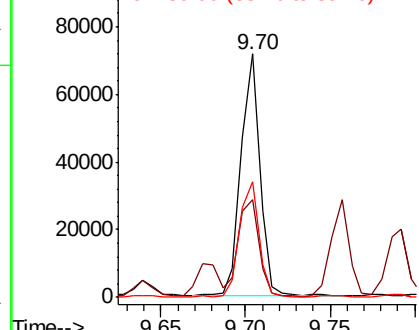


Abundance

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: 18.021 ng

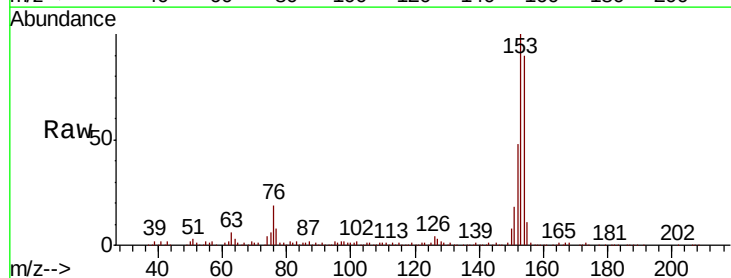
RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:	154	Resp:	195334
Ion Ratio	Lower	Upper	
154	100		
153	111.5	87.2	130.8
152	53.6	42.3	63.5

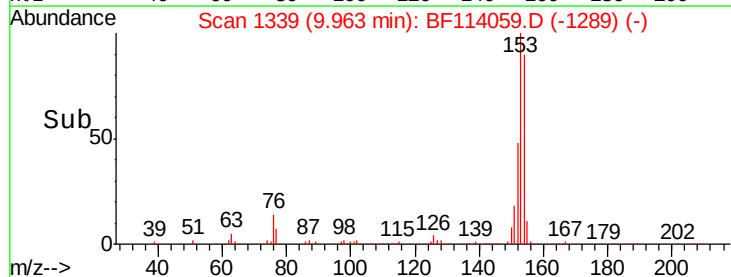
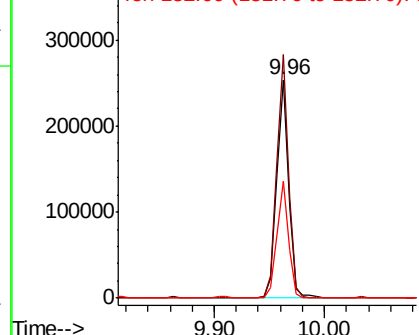


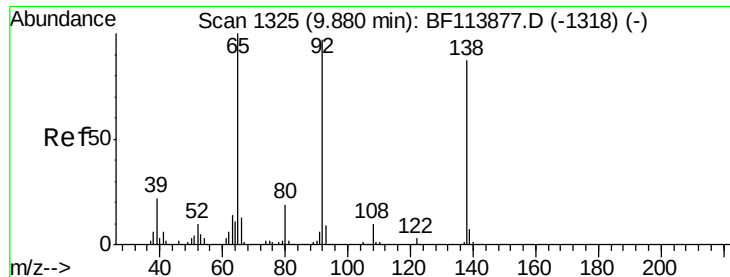
Abundance

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: 14.603 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

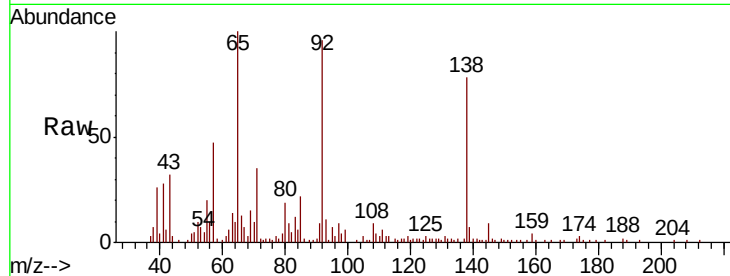
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.4	14.2
92	121.9	94.1	141.1

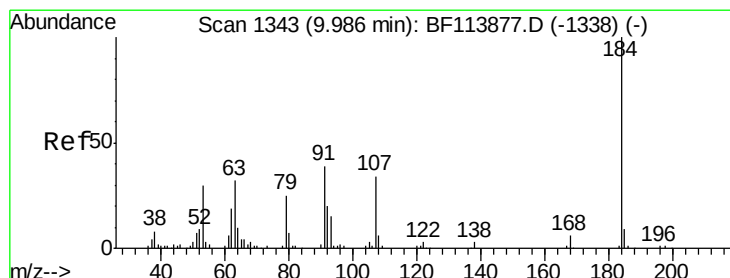
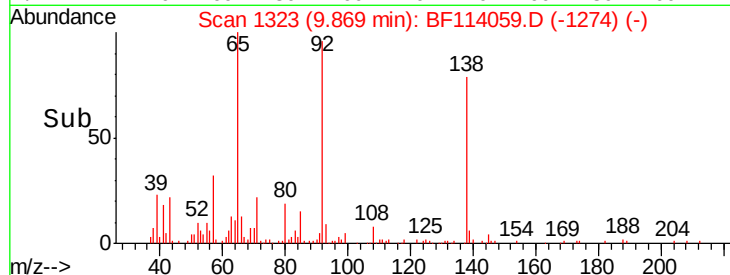
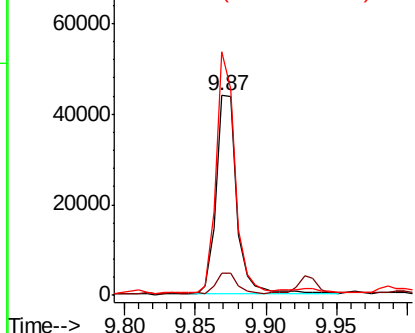
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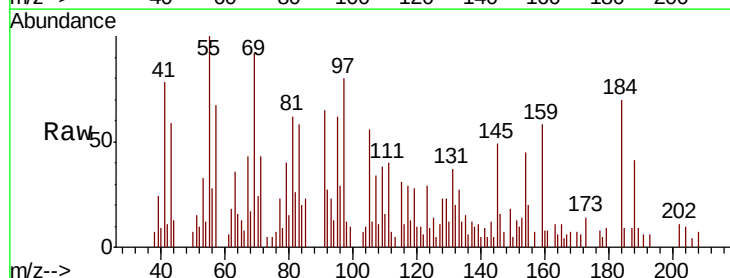


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

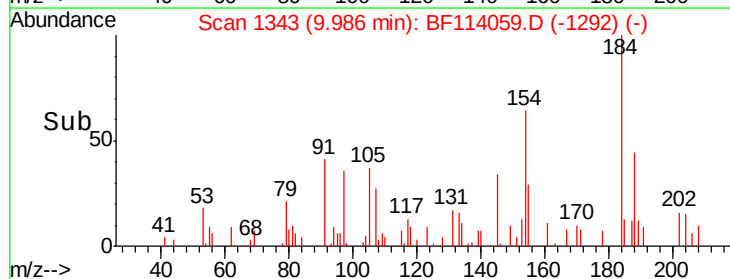
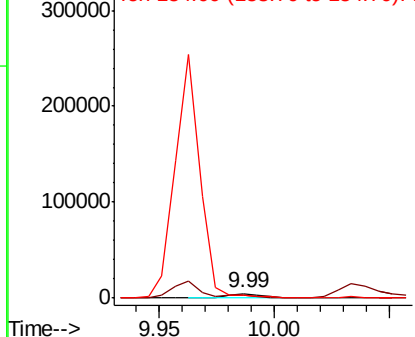


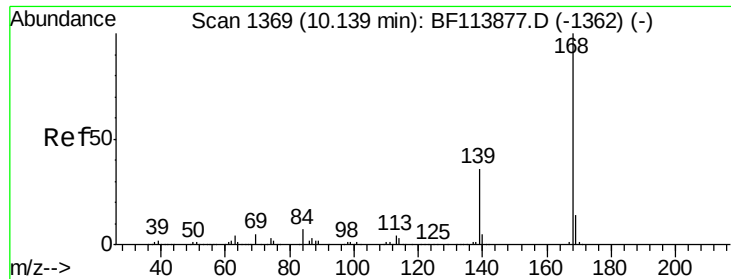
#54
2,4-Dinitrophenol
Concen: 12.032 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	51.1	54.6	81.8#
154	63.9	218.6	328.0#



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

Dibenzofuran

Concen: 18.242 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

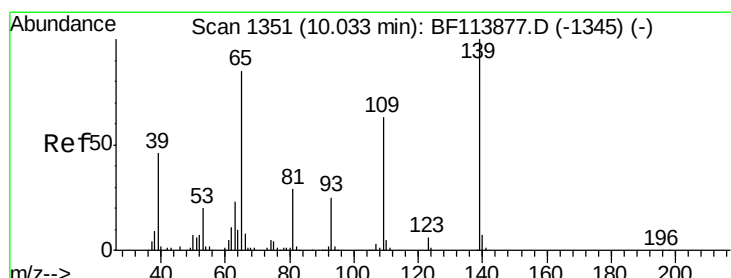
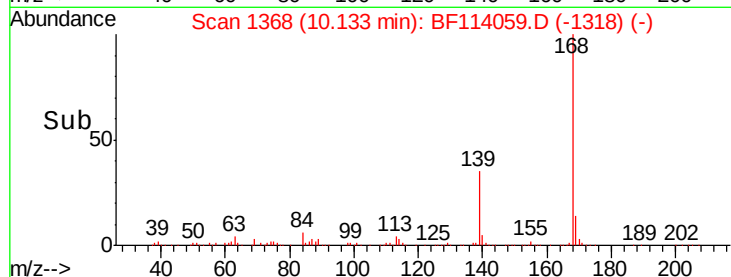
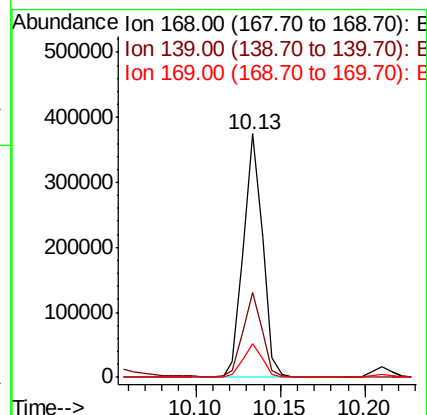
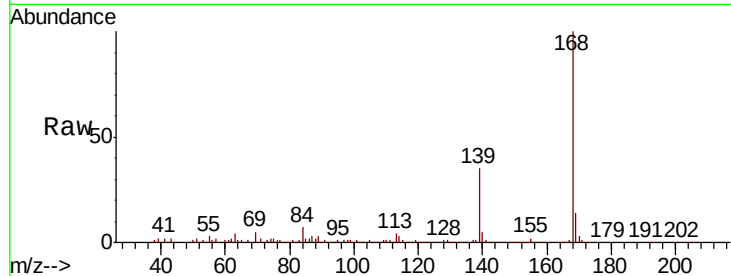
JC-03-042919-AMS

Tot Ion:	168	Resp:	296190
Ion Ratio	Lower	Upper	
168	100		
139	34.9	27.8	41.6
169	13.7	11.0	16.6

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#56

4-Nitrophenol

Concen: 36.145 ng

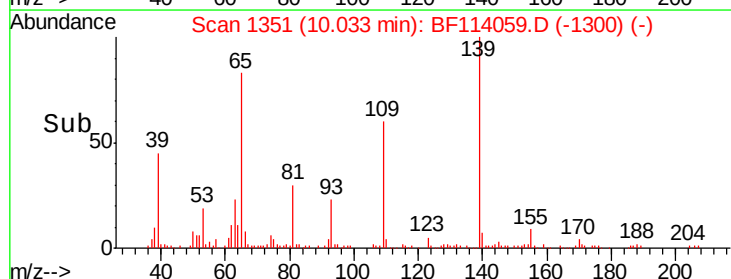
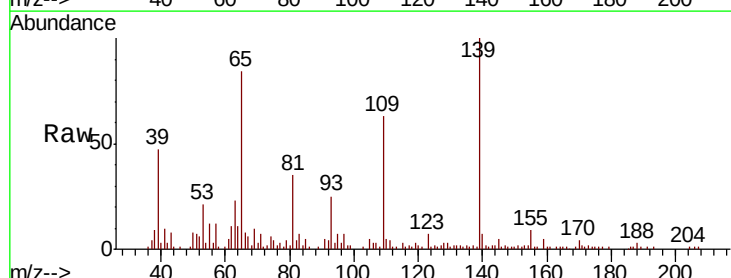
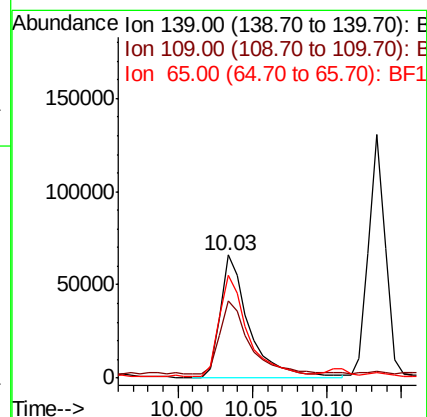
RT: 10.03 min Scan# 1351

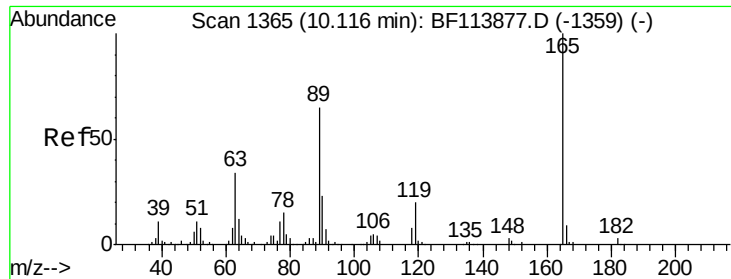
Delta R.T. 0.00 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:	139	Resp:	87996
Ion Ratio	Lower	Upper	
139	100		
109	62.8	42.9	82.9
65	83.8	64.4	104.4





#57
2,4-Dinitrotoluene
Concen: 18.666 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

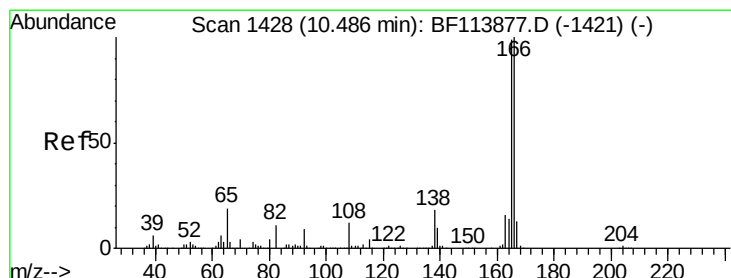
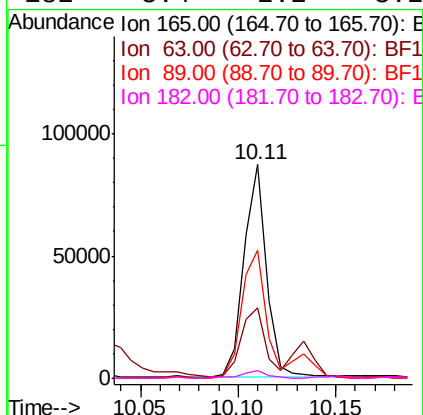
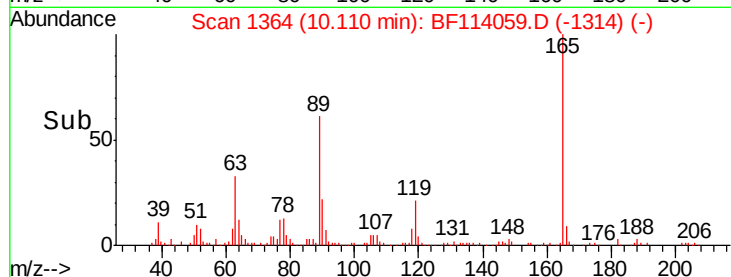
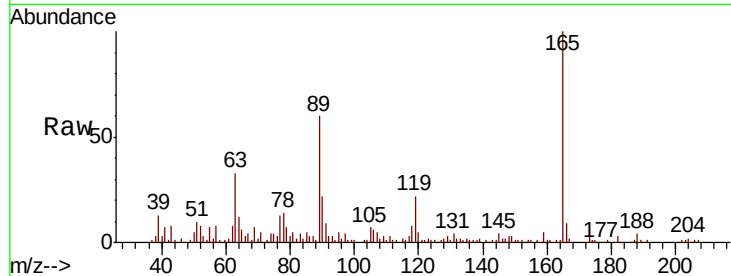
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	68940		
63	32.8	27.4	41.0	
89	60.2	51.8	77.6	
182	3.4	2.2	3.2	

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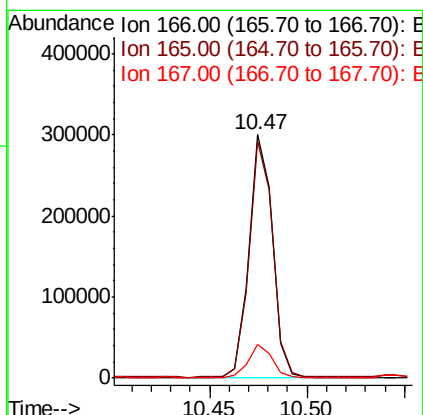
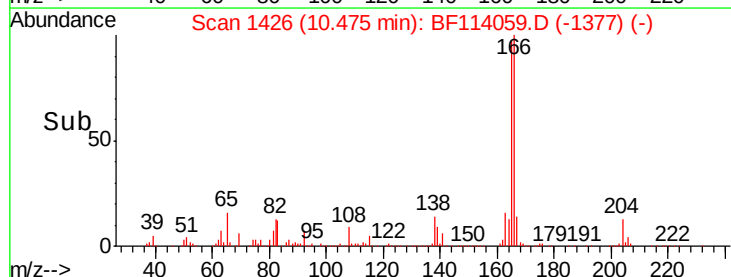
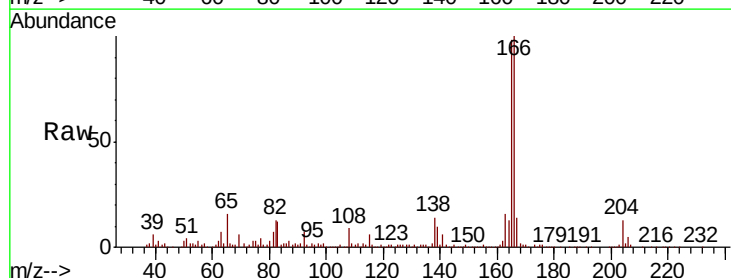
Sohil

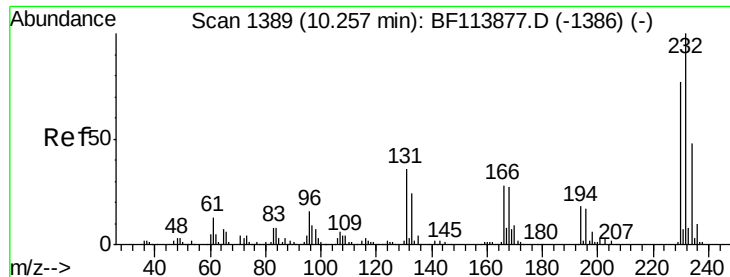
5/2/2019 4:53:28 PM



#58
Fluorene
Concen: 20.400 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	249369		
165	97.5	78.4	117.6	
167	13.8	10.9	16.3	





#59
2,3,4,6-Tetrachlorophenol
Concen: 18.515 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

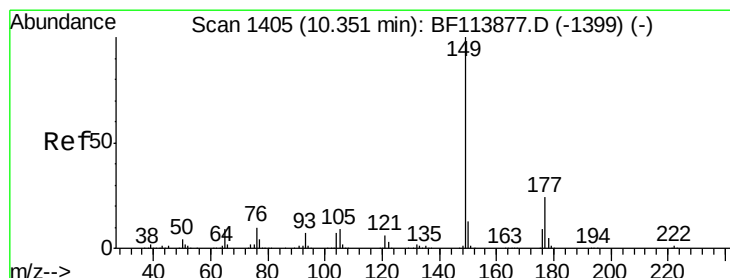
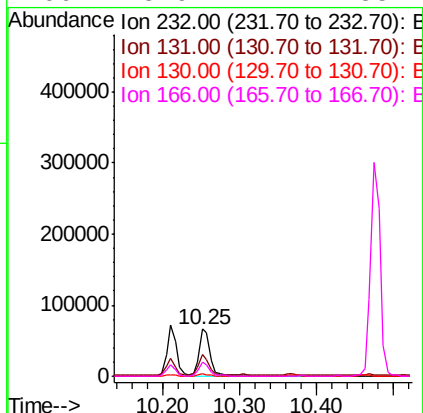
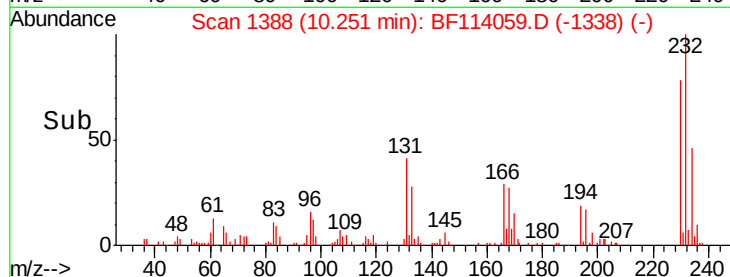
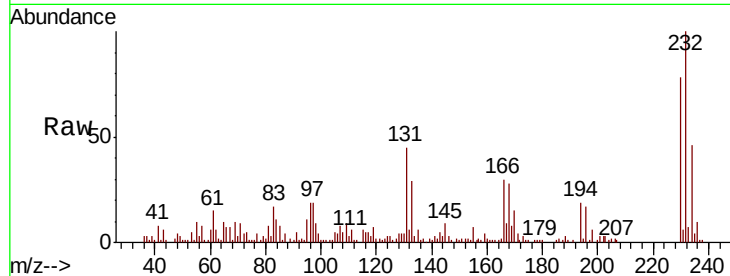
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	70991		
131	39.2		30.2	45.2
130	3.5		1.5	2.3
166	25.9		22.2	33.4

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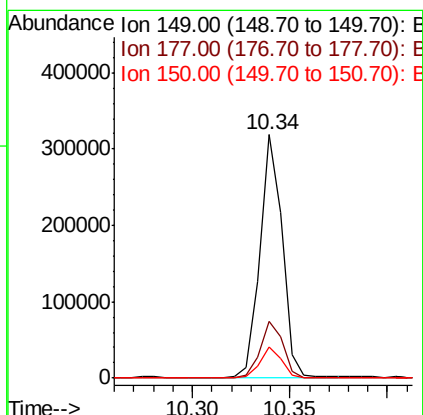
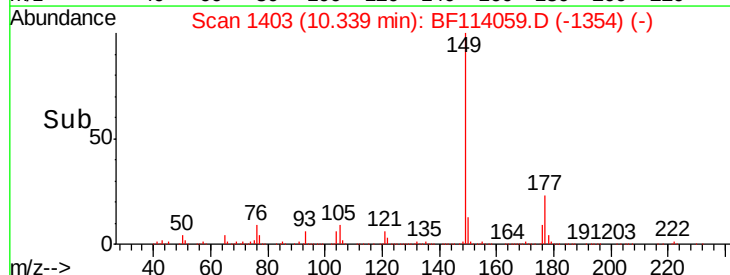
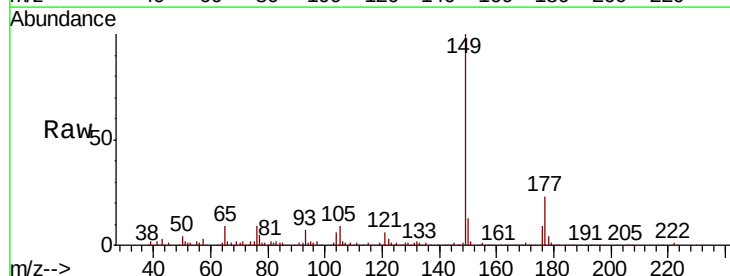
Sohil

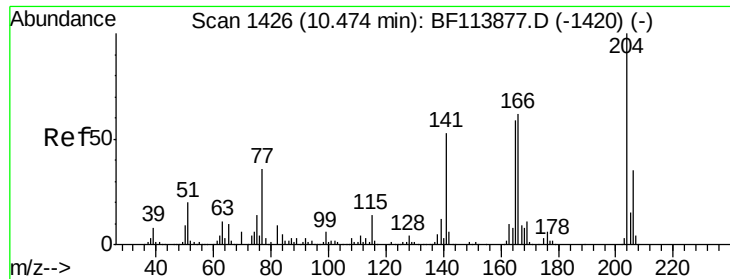
5/2/2019 4:53:28 PM



#60
Diethylphthalate
Concen: 19.298 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	249945		
177	23.5		19.2	28.8
150	12.6		10.3	15.5





#61
4-Chlorophenyl-phenylether
Concen: 19.855 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

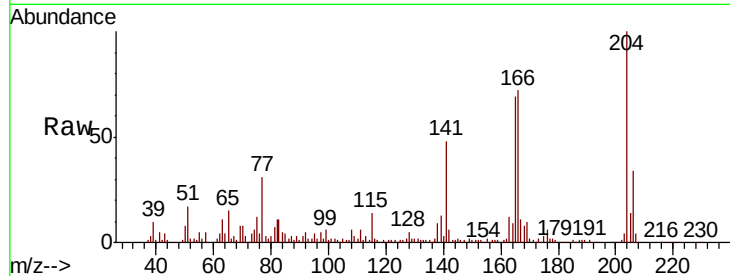
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.5	27.4	41.2	
141	48.0	42.6	63.8	

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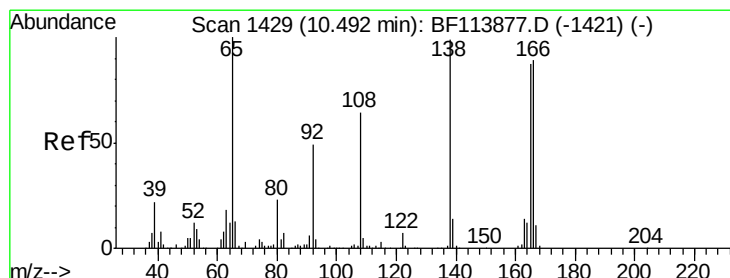
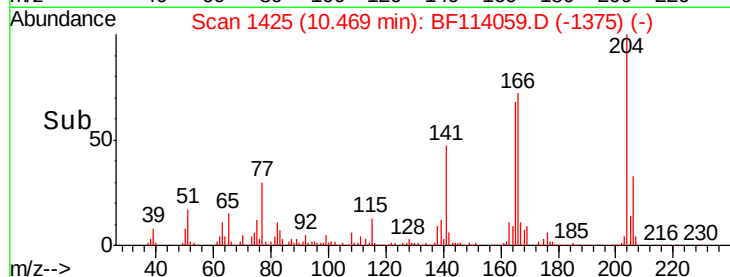
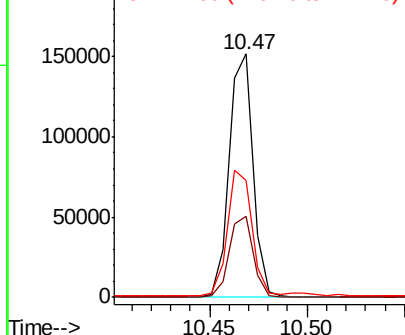


Abundance

Ion 204.00 (203.70 to 204.70): E

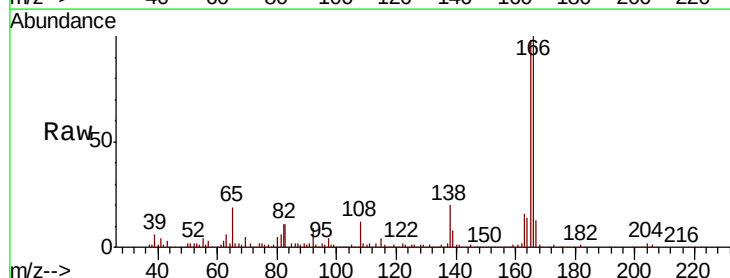
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 17.372 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	45.3	31.3	71.3	
108	59.3	48.9	88.9	

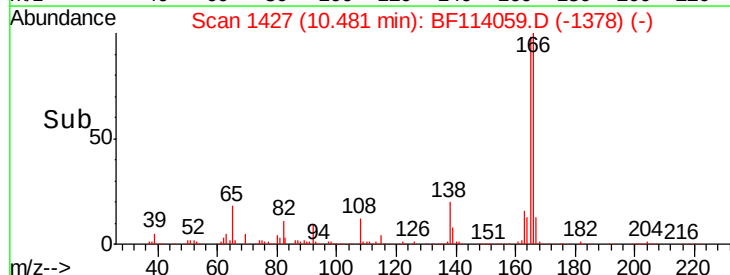
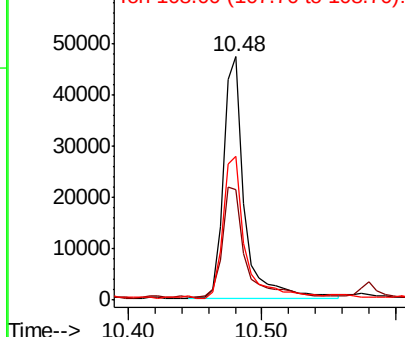


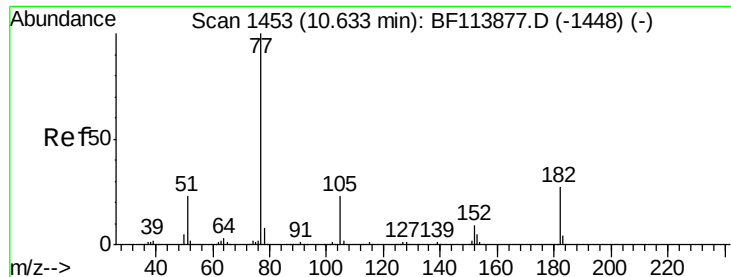
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 18.169 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

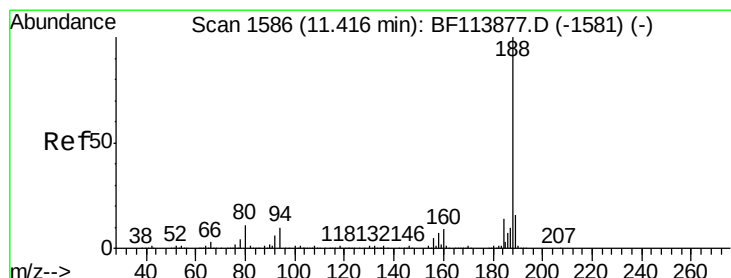
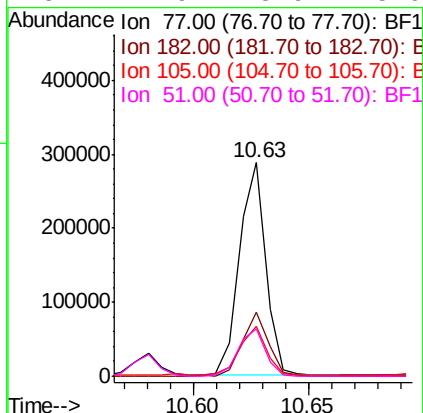
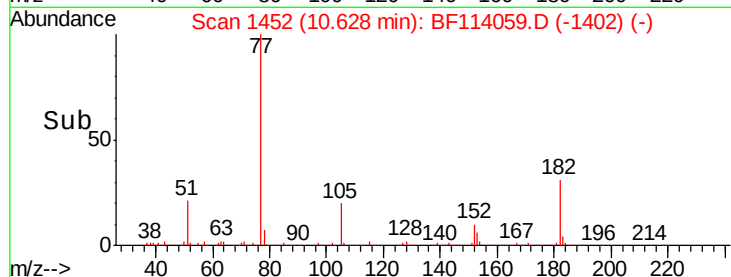
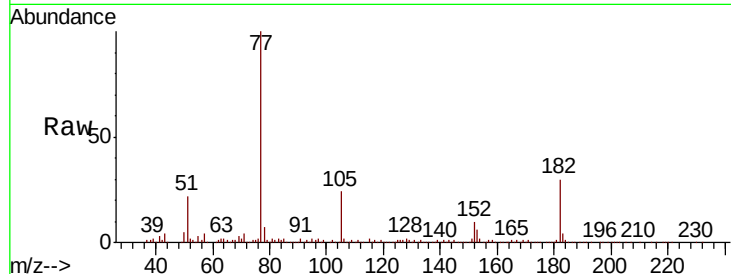
JC-03-042919-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	30.1	4.4	44.4		
105	23.6	2.2	42.2		
51	21.9	3.9	43.9		

Manual Integrations
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Sohil

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#64

Phenanthrene-d10

Concen: 20.000 ng

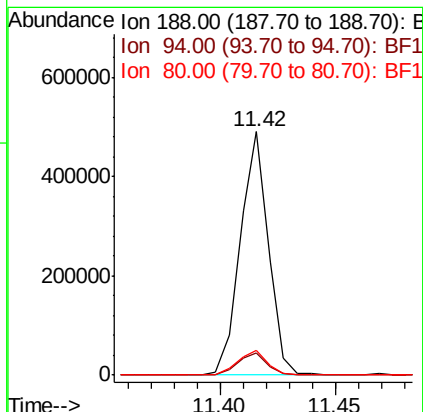
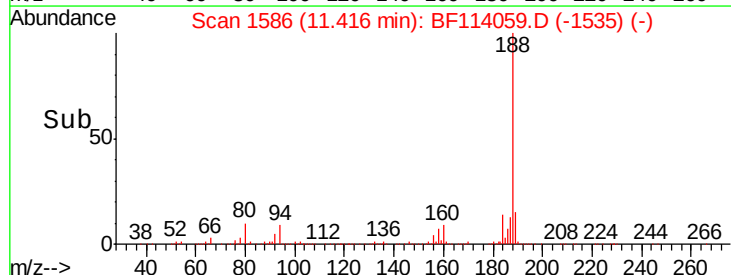
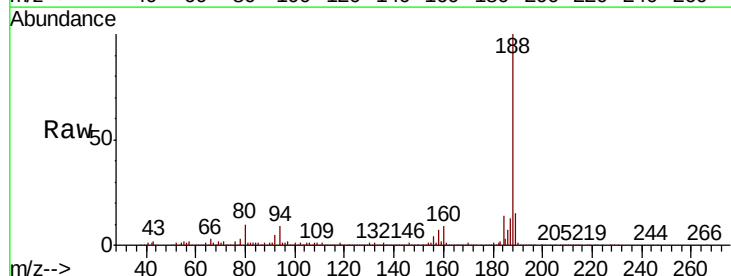
RT: 11.42 min Scan# 1586

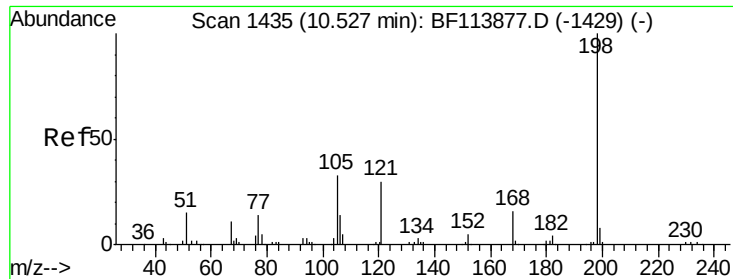
Delta R.T. 0.00 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9	8.2	12.4		
80	9.9	9.0	13.6		





#65
4,6-Dinitro-2-methylphenol
Concen: 14.288 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

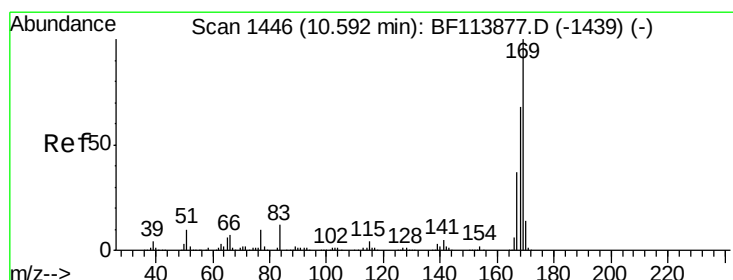
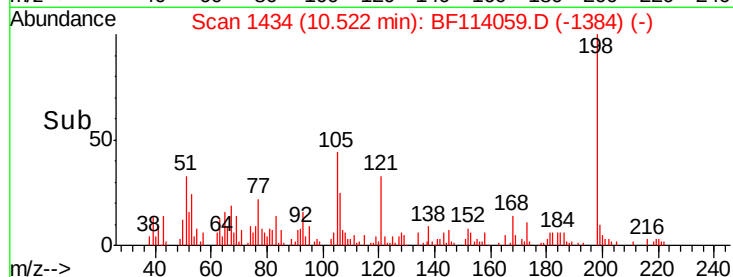
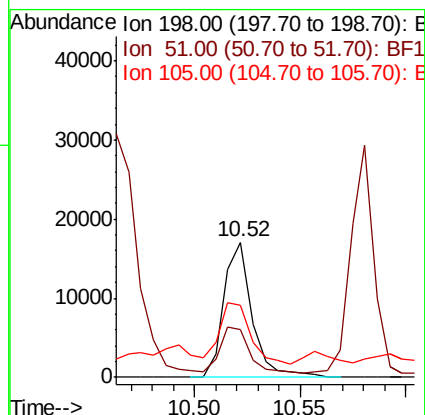
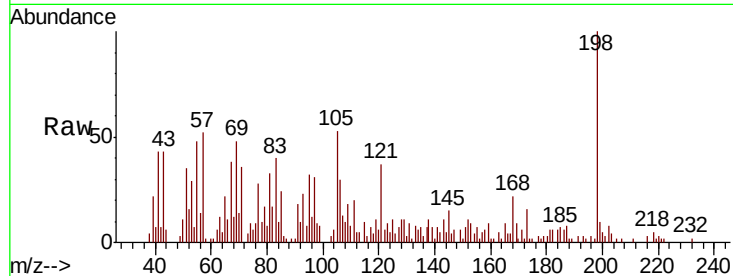
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	15713		
51	35.1	11.1	51.1	
105	53.2	20.7	60.7	

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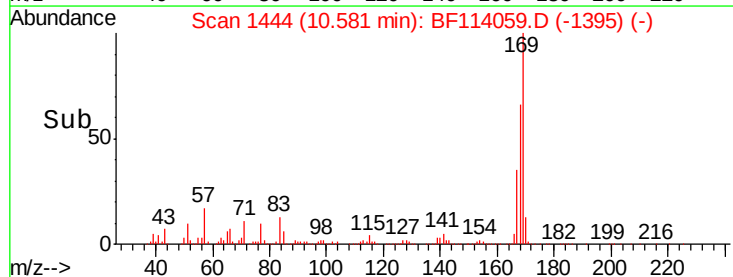
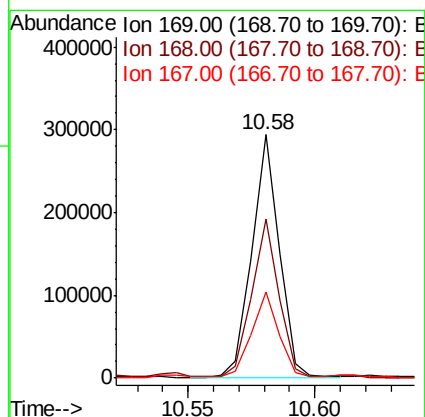
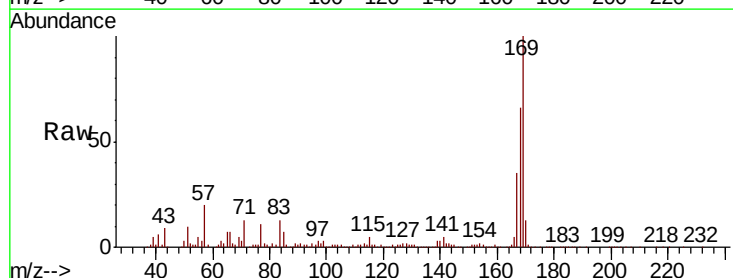
Sohil

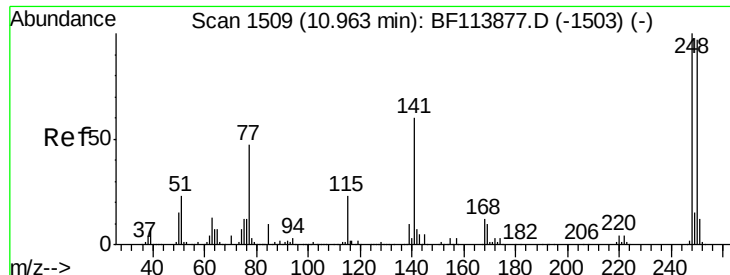
5/2/2019 4:53:28 PM



#66
n-Nitrosodiphenylamine
Concen: 17.740 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	221636		
168	65.6	54.3	81.5	
167	35.4	29.4	44.0	





#67
4-Bromophenyl-phenylether
Concen: 16.509 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

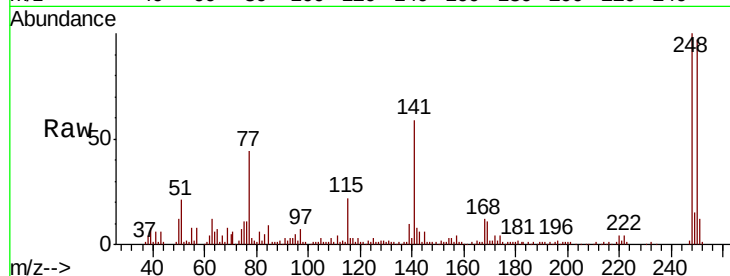
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	75.8	113.6
141	59.0	50.2	75.4

Manual Integrations
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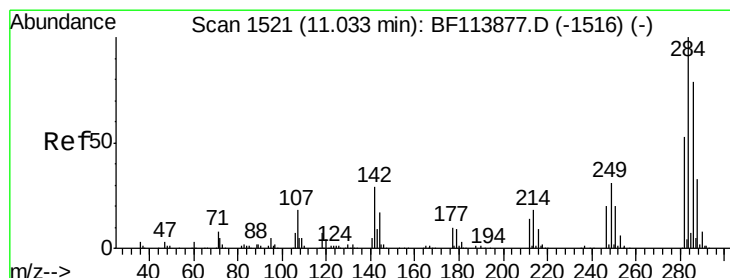
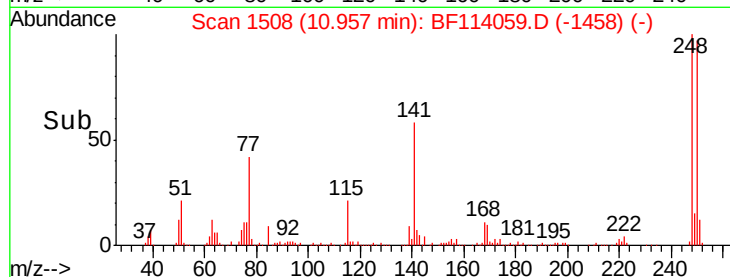
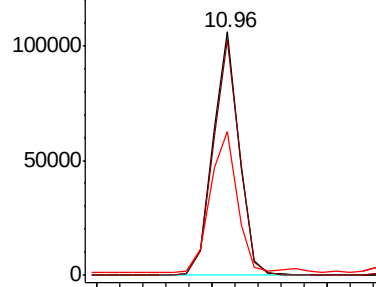


Abundance

Ion 248.00 (247.70 to 248.70): E

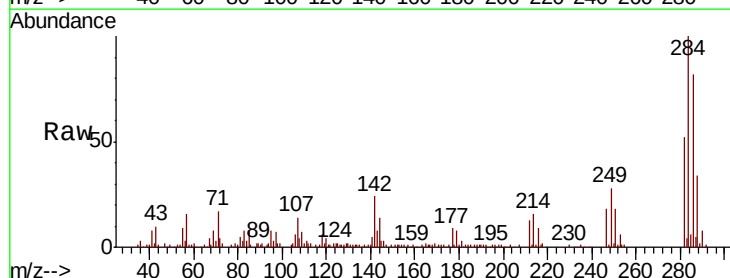
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 15.312 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.0	23.0	34.4
249	28.4	24.4	36.6

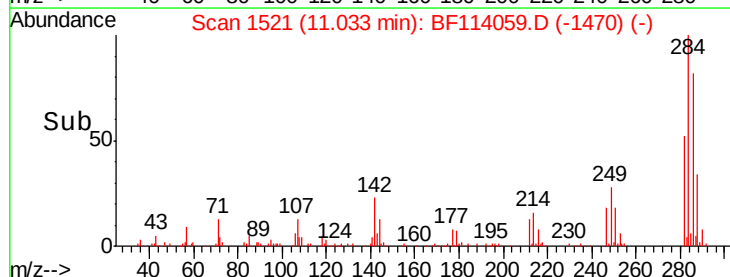
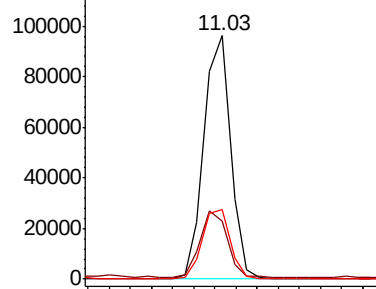


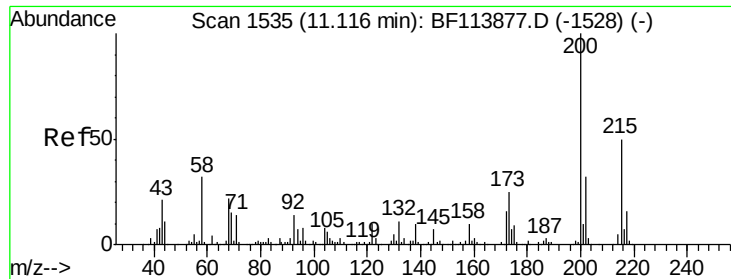
Abundance

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: 18.604 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

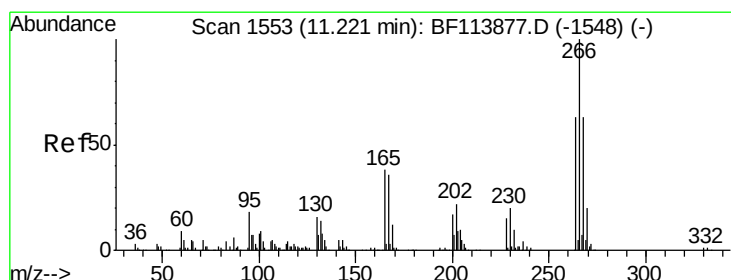
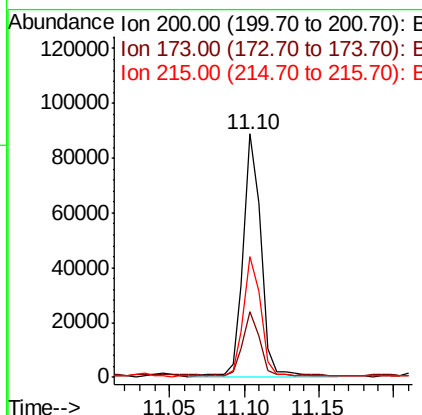
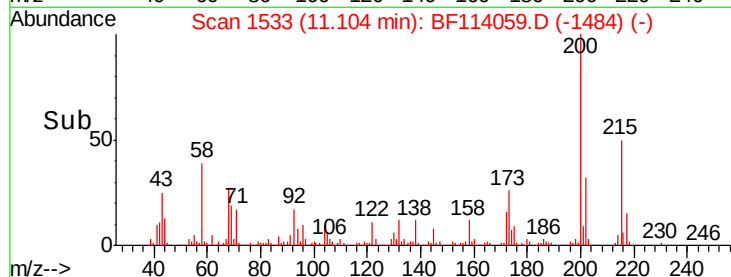
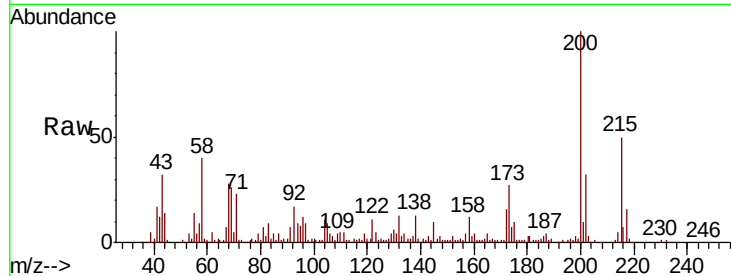
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	5.9	45.9
215	49.6	29.3	69.3

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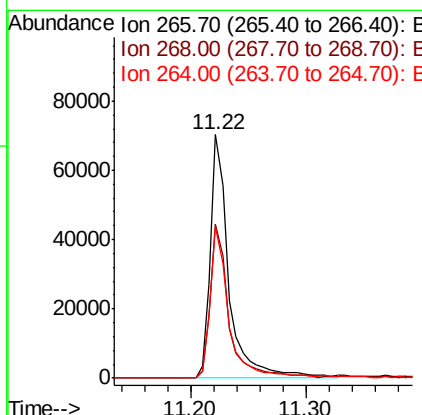
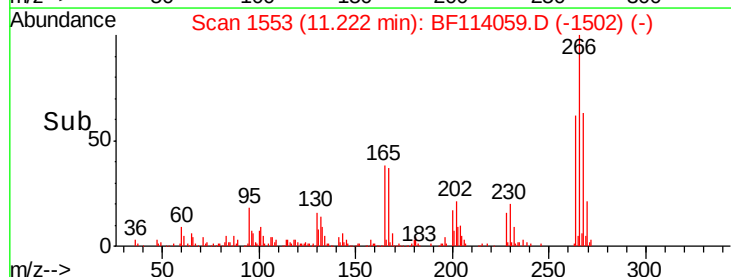
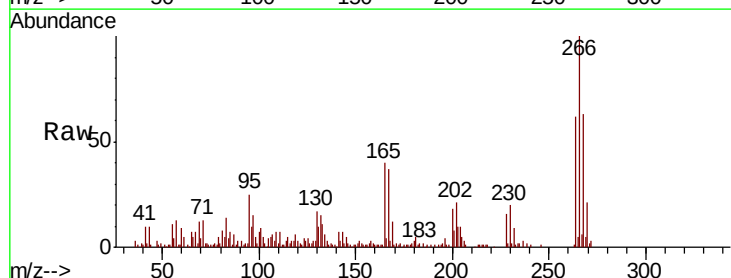
Sohil

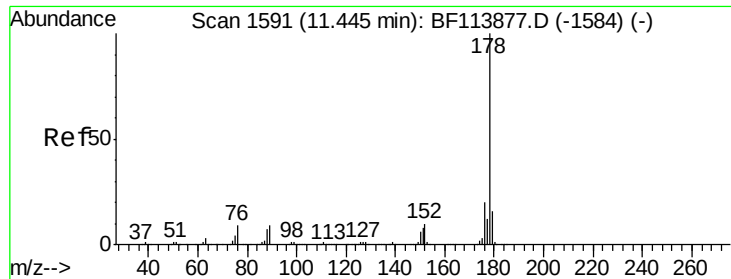
5/2/2019 4:53:28 PM



#70
Pentachlorophenol
Concen: 25.275 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.00 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.2	53.5	80.3
264	62.1	51.0	76.6





#71
Phenanthrene
Concen: 21.588 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

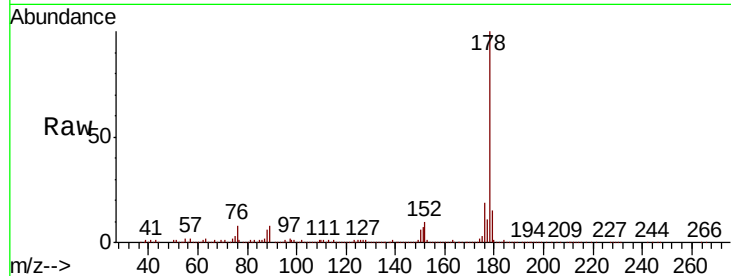
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		451745		
176	18.9	16.1	24.1		
179	15.4	12.8	19.2		

Manual Integrations
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Sohil

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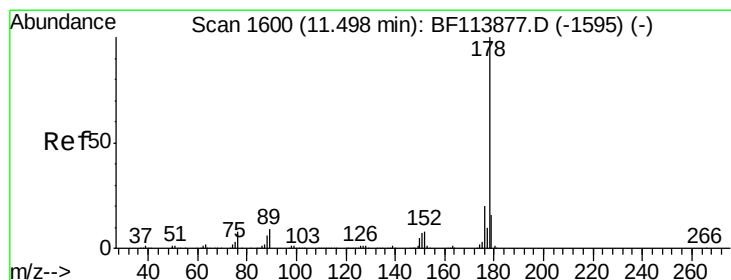
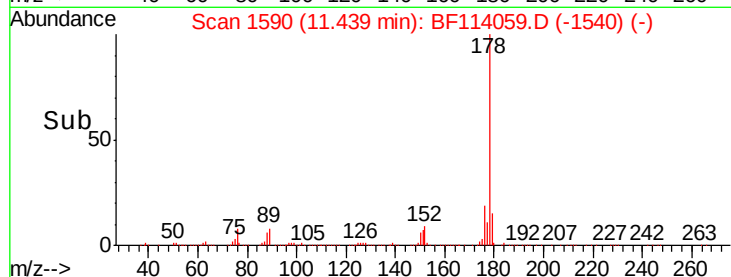
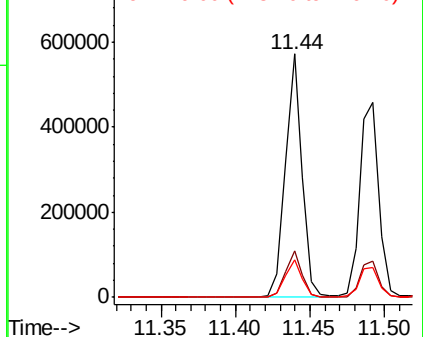


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 19.515 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

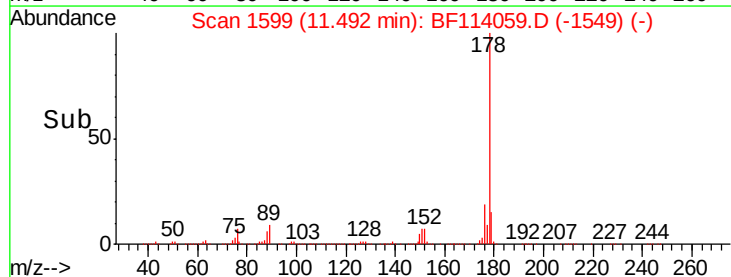
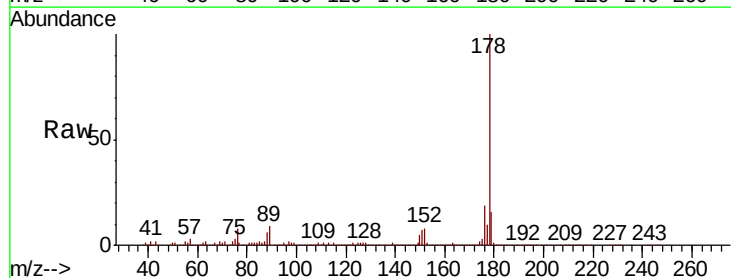
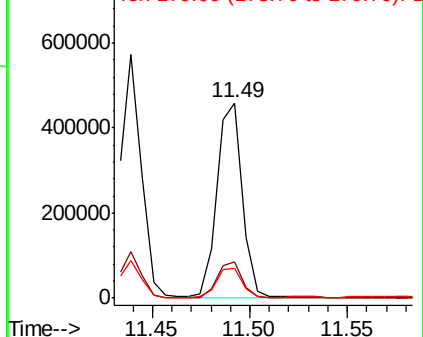
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		412371		
176	18.9	15.7	23.5		
179	15.6	13.0	19.4		

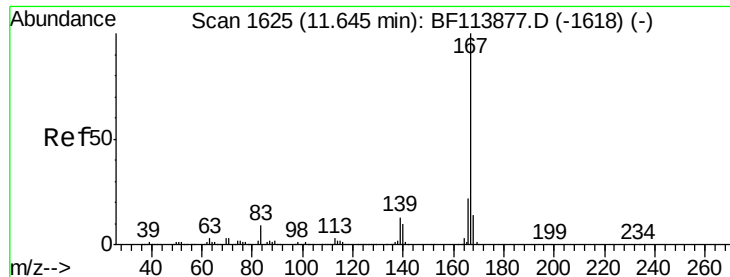
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 17.466 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

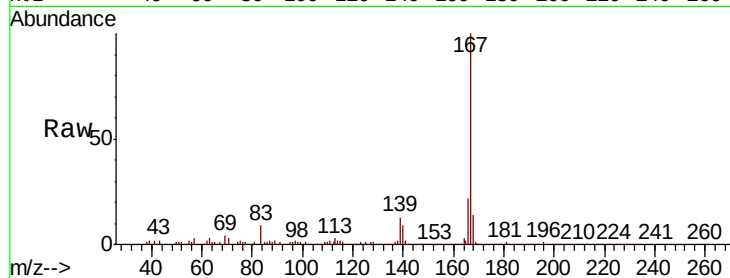
JC-03-042919-AMS

Tot Ion:	167	Resp:	329265
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.7	26.5
139	12.5	10.0	15.0

Manual Integrations
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Sohil

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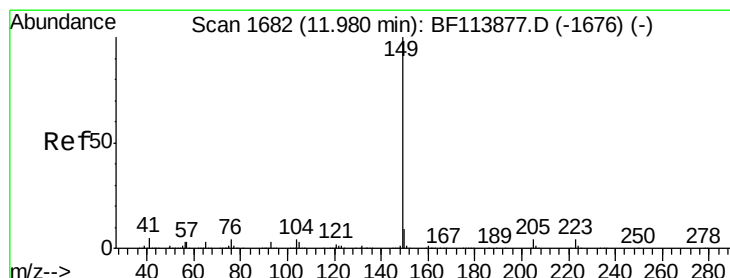
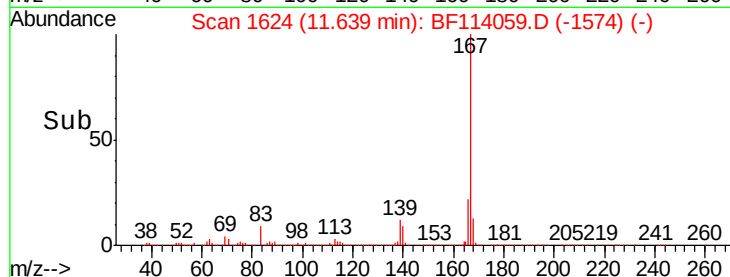
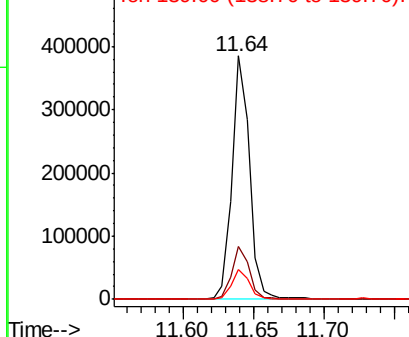


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 18.292 ng

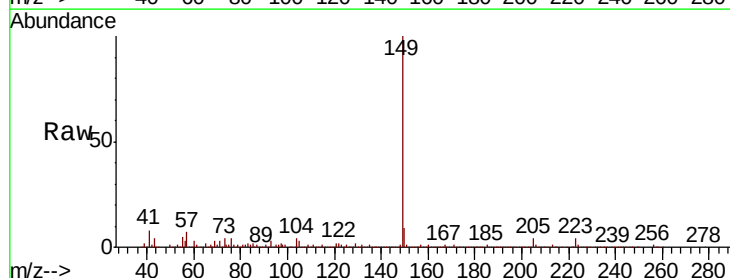
RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:	149	Resp:	405655
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.8
104	4.1	3.8	5.8

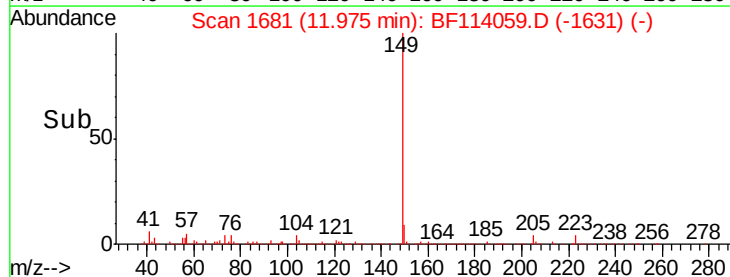
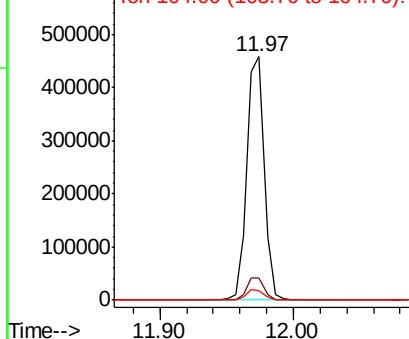


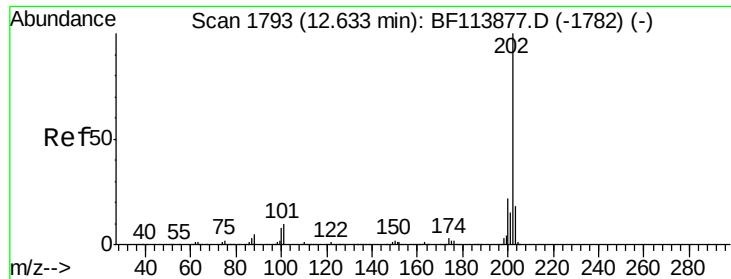
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 23.832 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

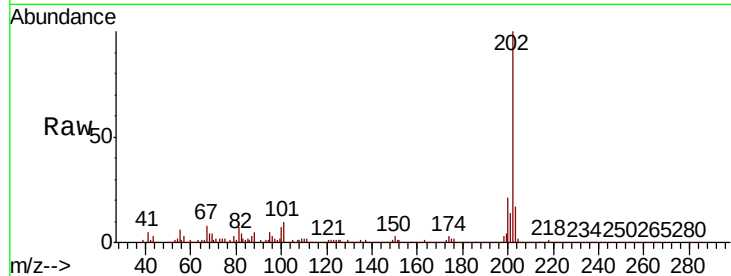
JC-03-042919-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		544086		
101	10.4	0.0	32.9		
203	17.0	0.0	38.2		

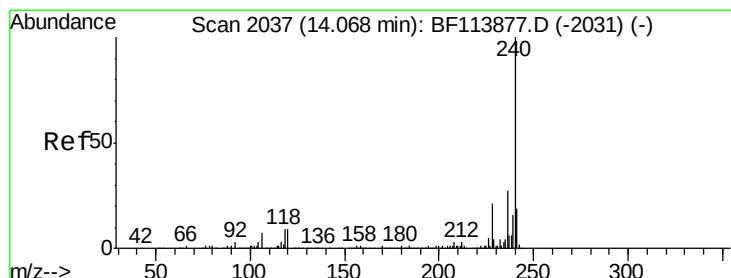
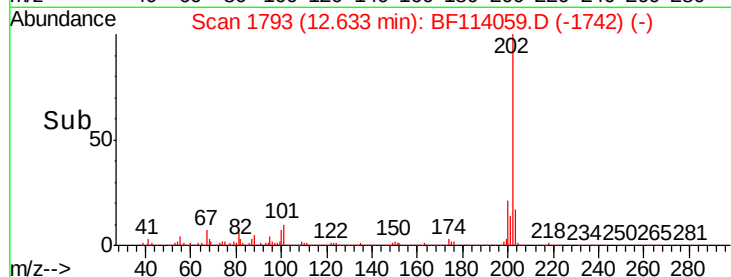
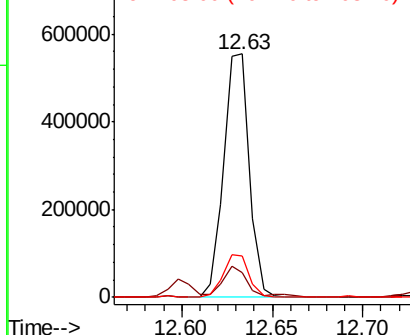
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

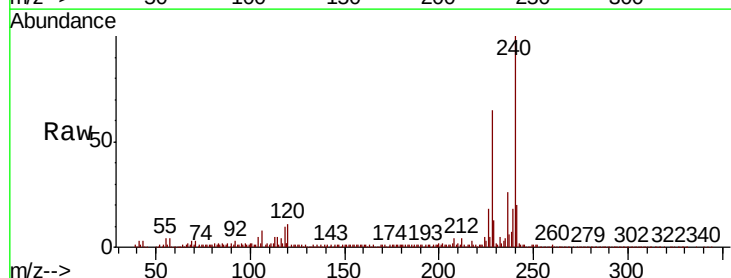
RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

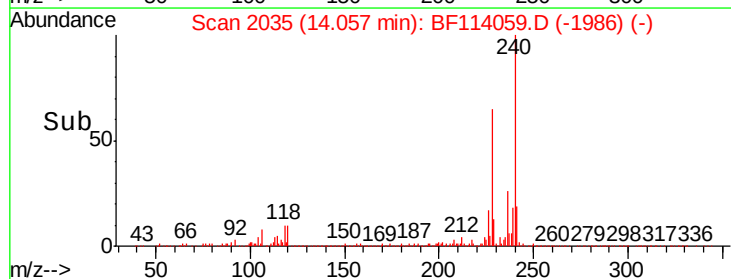
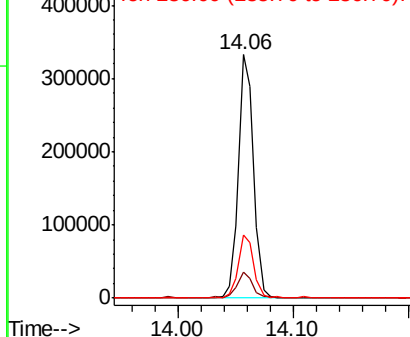
Lab File: BF114059.D

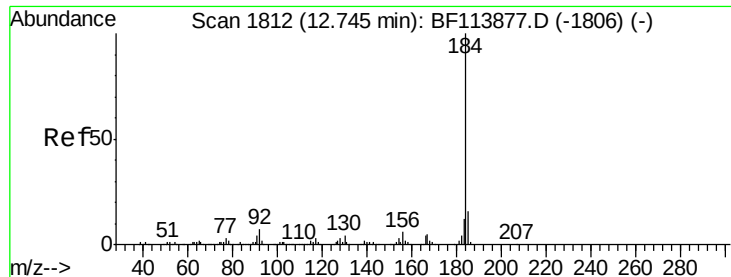
Acq: 1 May 2019 10:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		298877		
120	10.7	9.3	13.9		
236	26.2	21.2	31.8		



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: 5.924 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

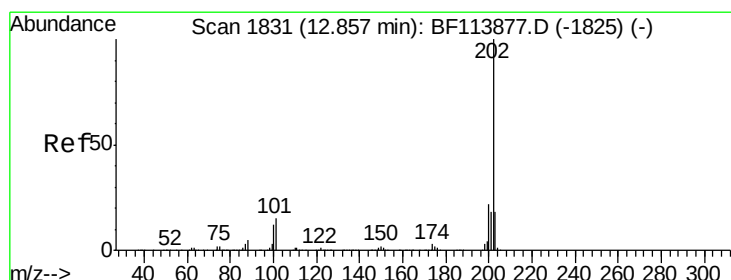
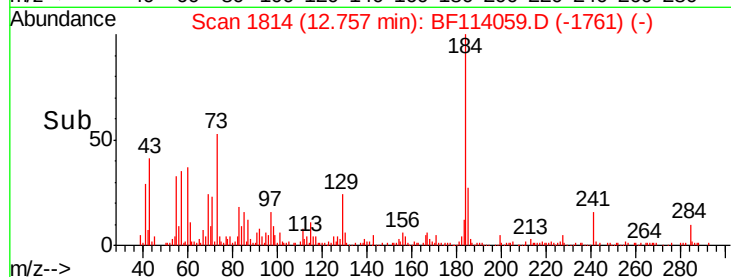
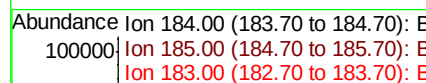
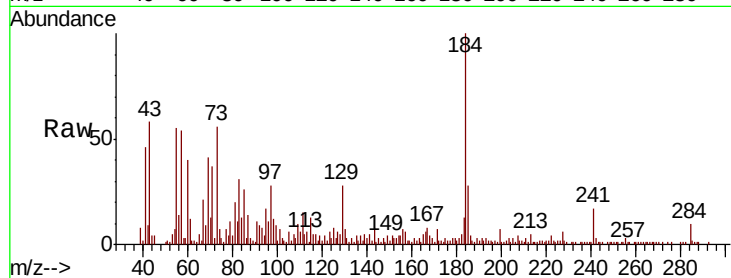
JC-03-042919-AMS

Tot Ion:	184	Resp:	52755
Ion Ratio	Lower	Upper	
184	100		
185	28.3	13.0	19.6#
183	13.3	9.4	14.0

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#78

Pyrene

Concen: 27.056 ng

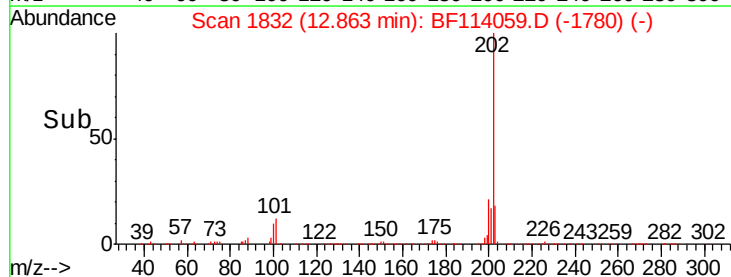
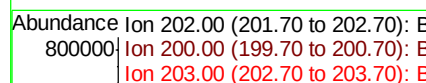
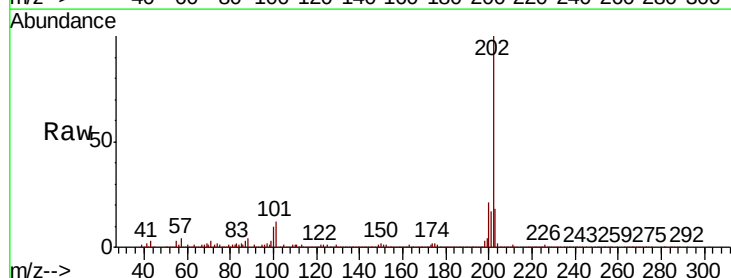
RT: 12.86 min Scan# 1832

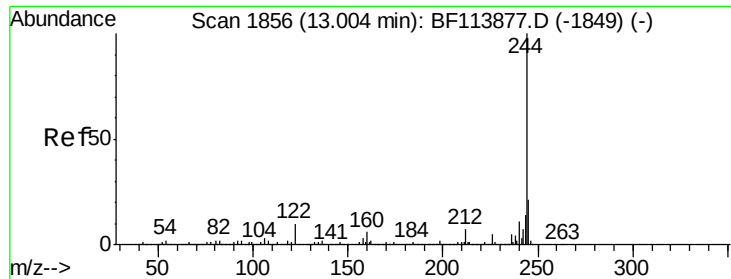
Delta R.T. 0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:	202	Resp:	565503
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.7	26.5
203	17.7	15.0	22.6





#79

Terphenyl-d14

Concen: 38.394 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Instrument :

BNA_F

ClientSampleId :

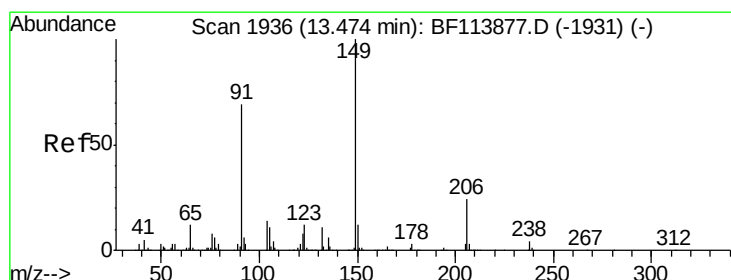
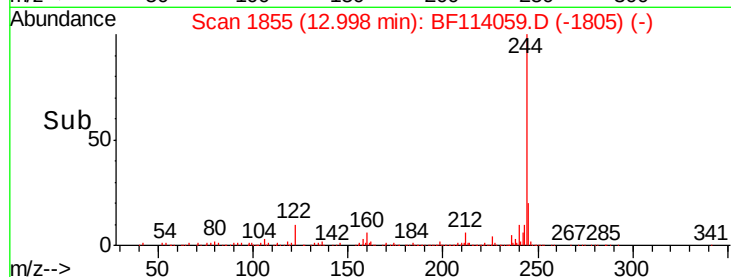
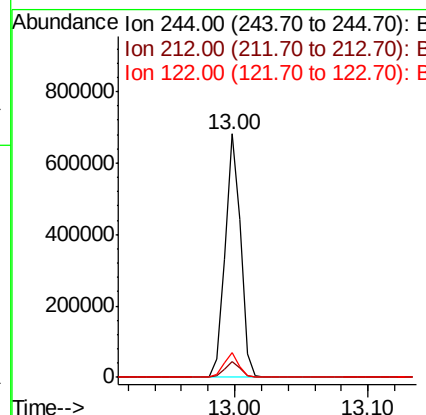
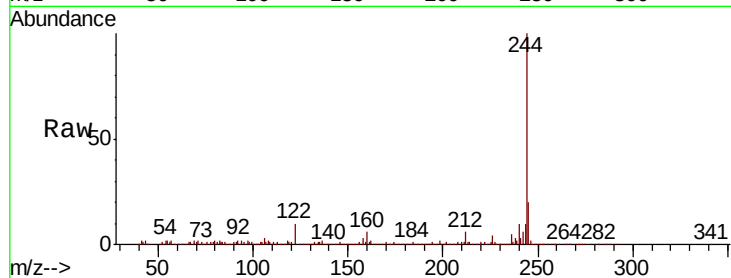
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Tot Ion:	244	Resp:	559717
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.2
122	10.1	7.6	11.4

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#80

Butylbenzylphthalate

Concen: 18.517 ng

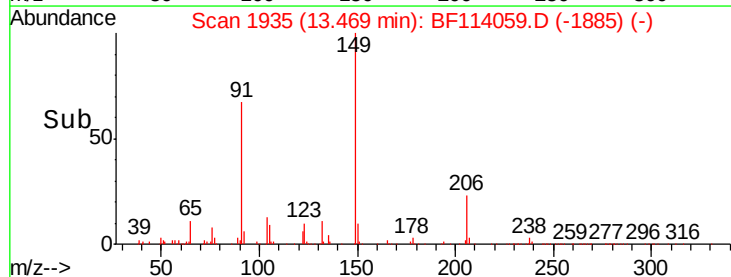
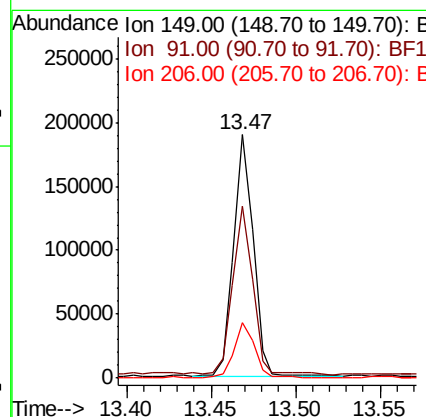
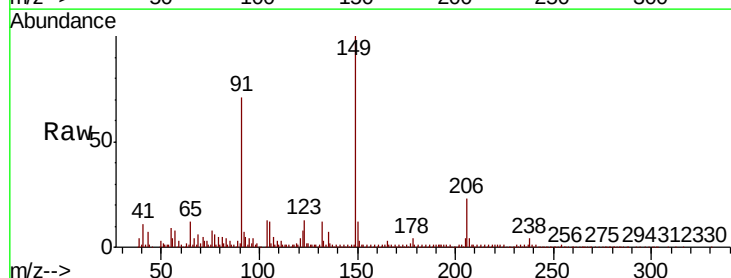
RT: 13.47 min Scan# 1935

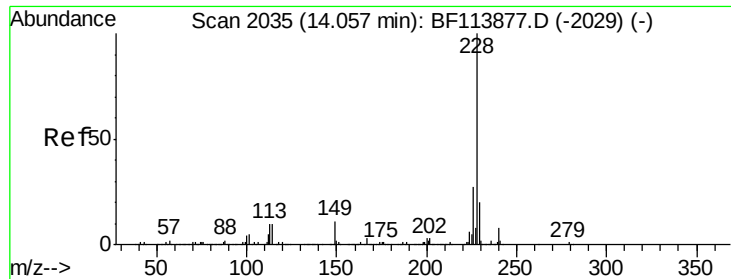
Delta R.T. -0.01 min

Lab File: BF114059.D

Acq: 1 May 2019 10:50

Tgt Ion:	149	Resp:	152269
Ion Ratio	Lower	Upper	
149	100		
91	70.5	56.3	84.5
206	22.8	19.0	28.6





#81
Benzo(a)anthracene
Concen: 22.424 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

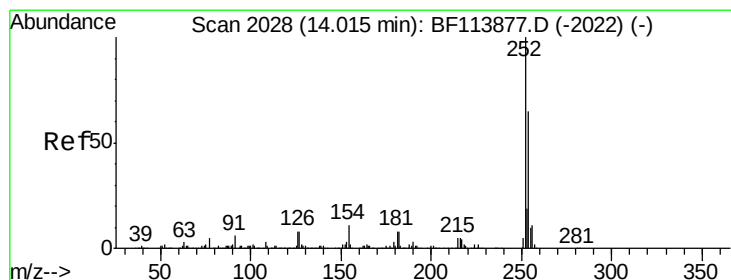
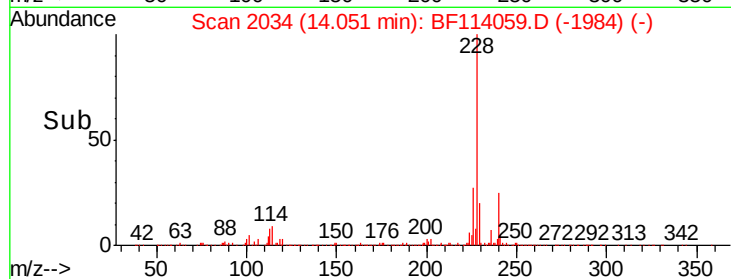
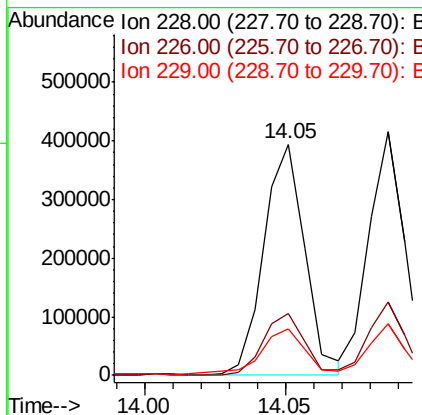
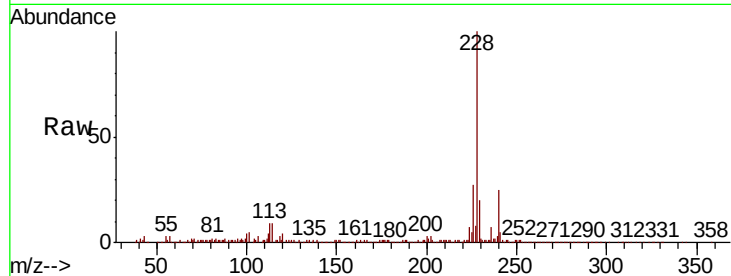
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.2
229	20.3	16.0	24.0

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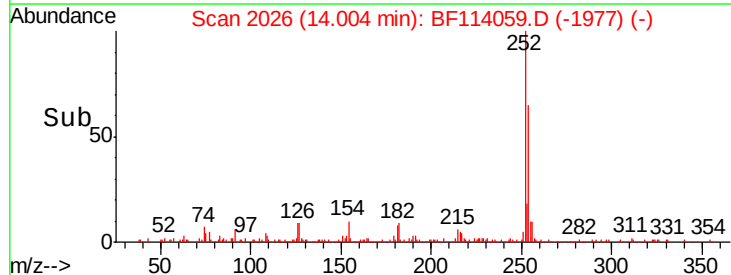
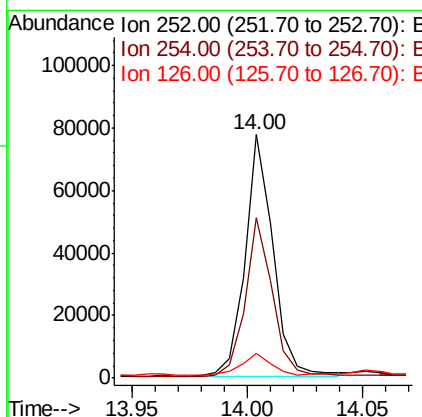
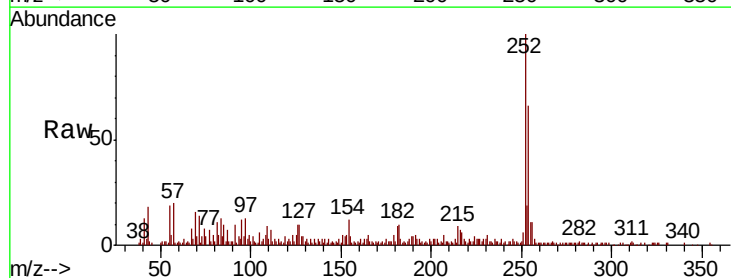
Sohil

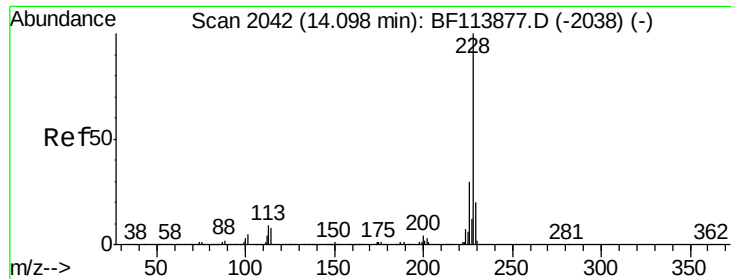
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#82
3,3'-Dichlorobenzidine
Concen: 10.140 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.1	78.1
126	10.4	9.3	13.9





#83
Chrysene
Concen: 20.990 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

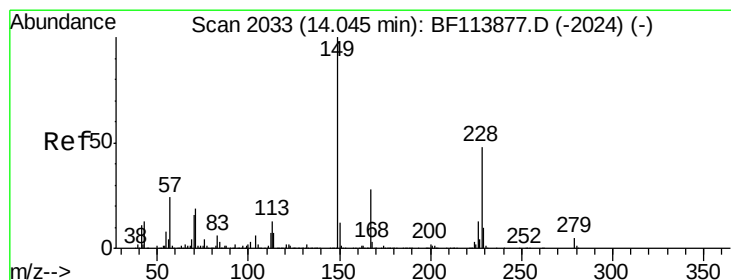
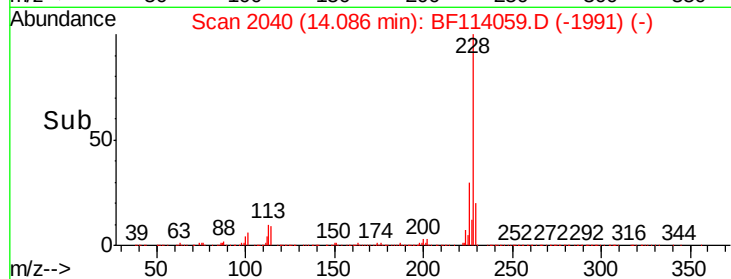
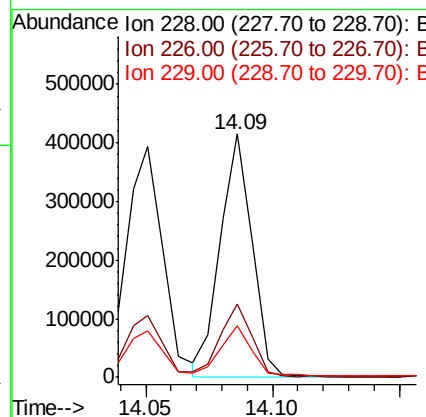
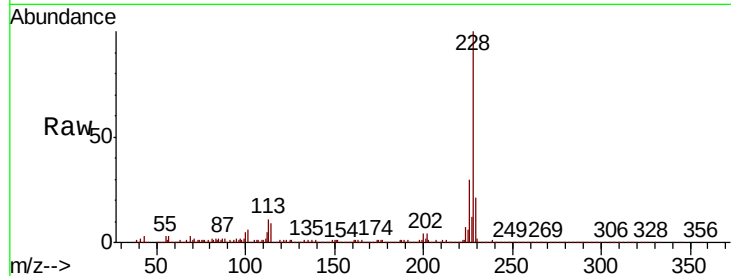
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	20.9	16.7	25.1

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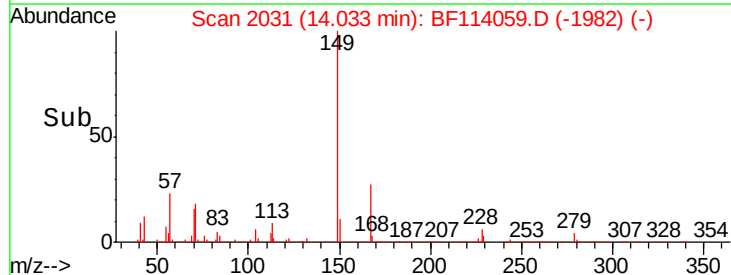
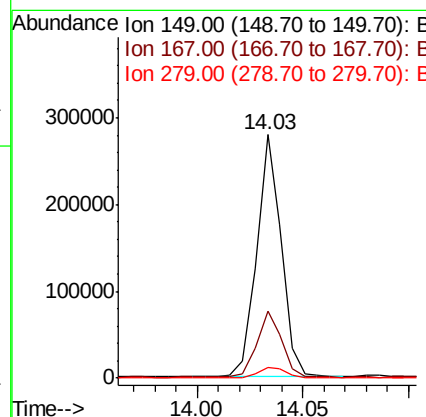
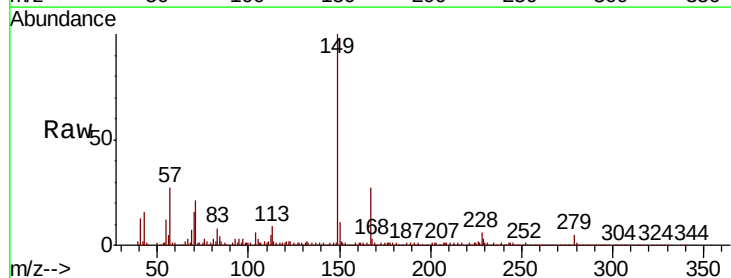
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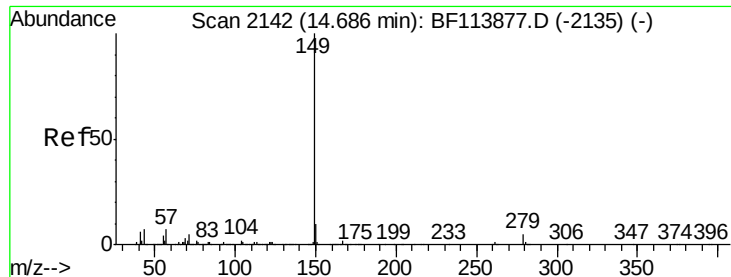
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#84
Bis(2-ethylhexyl)phthalate
Concen: 21.306 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.9	34.3
279	4.5	4.2	6.2





#85
Di-n-octyl phthalate
Concen: 20.304 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

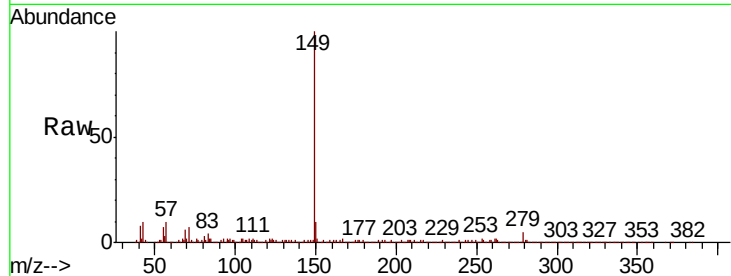
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion:	149	Resp:	332515
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	7.9	6.6	10.0

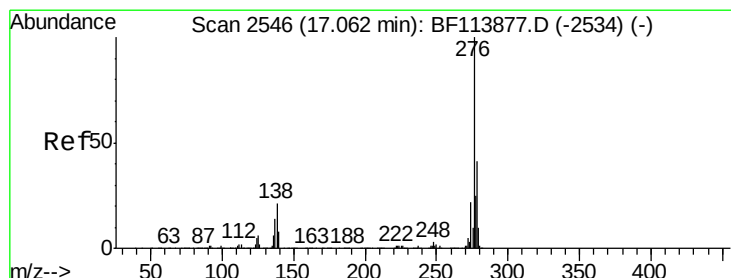
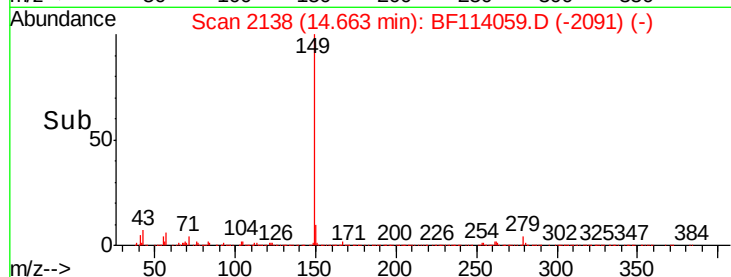
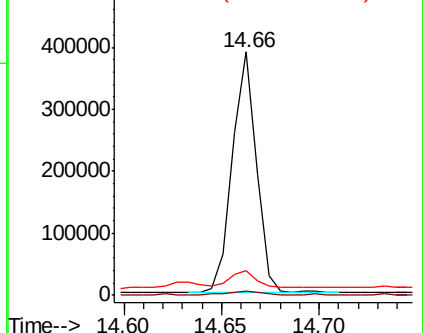
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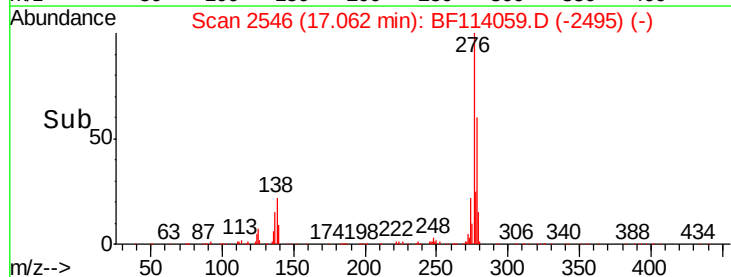
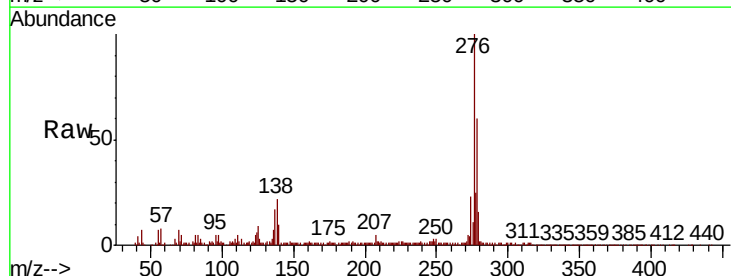
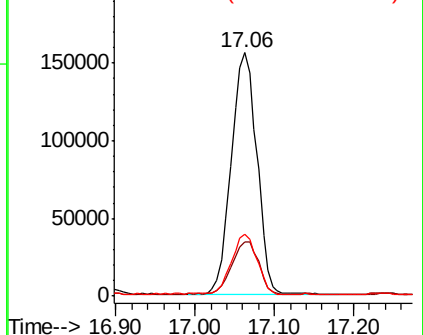
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

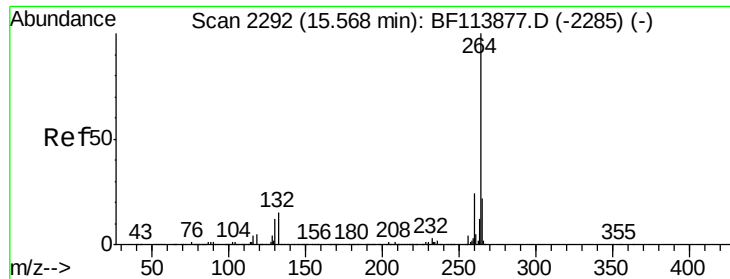


#86
Indeno(1,2,3-cd)pyrene
Concen: 21.522 ng
RT: 17.06 min Scan# 2546
Delta R.T. 0.00 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion:	276	Resp:	349624
Ion Ratio	Lower	Upper	
276	100		
138	22.5	19.6	29.4
277	24.8	20.2	30.4

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: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

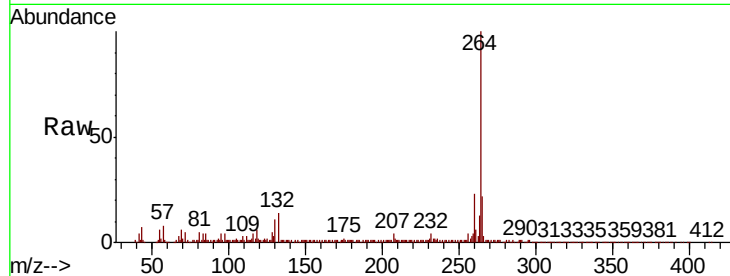
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.9	28.3
265	21.9	17.3	25.9

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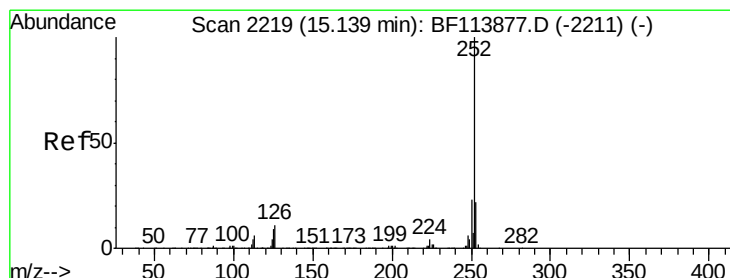
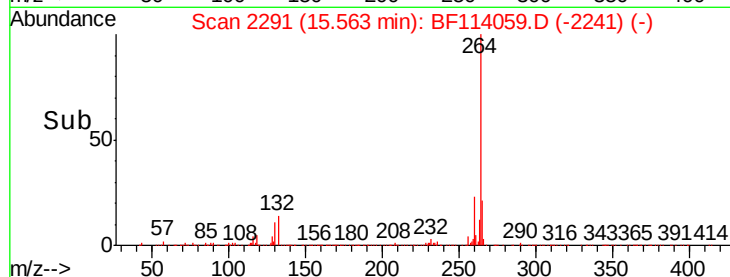
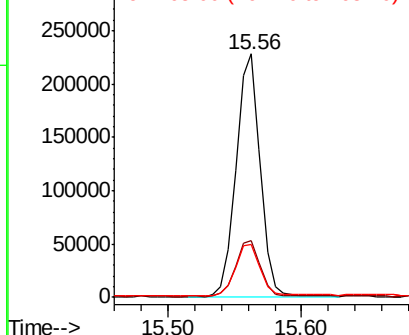


Abundance

Ion 264.00 (263.70 to 264.70): E

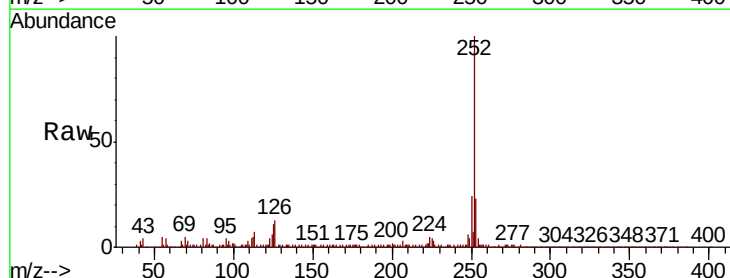
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 21.510 ng m
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	10.6	7.0	10.6#

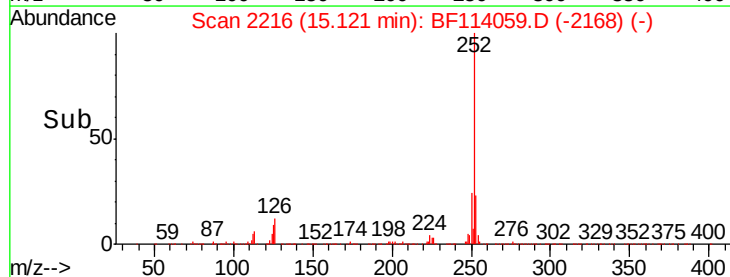
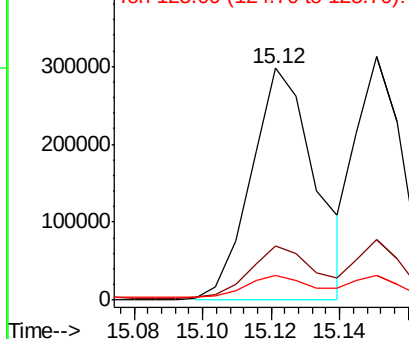


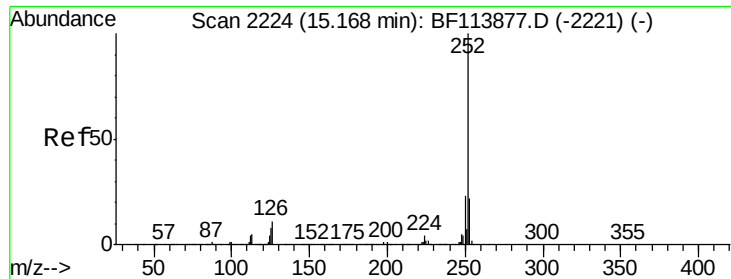
Abundance

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: 19.215 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

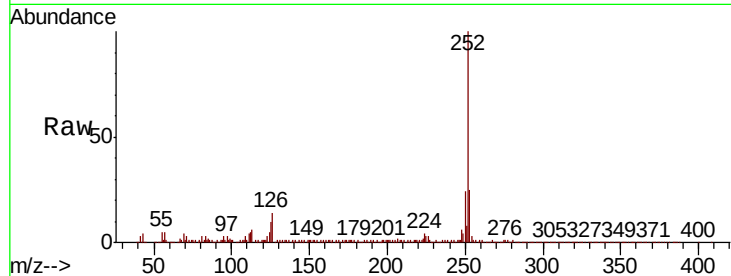
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	296607		
253	24.7	18.2	27.2	
125	10.1	7.4	11.2	

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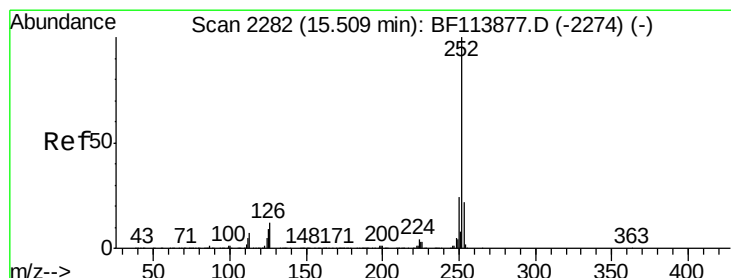
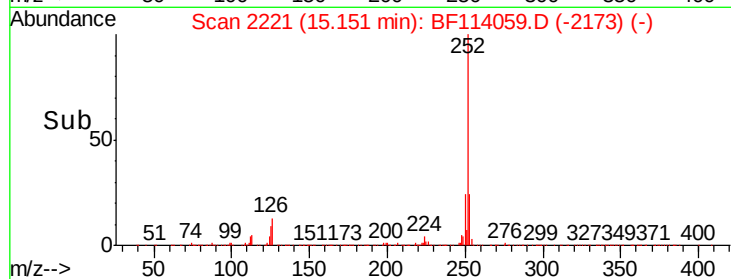
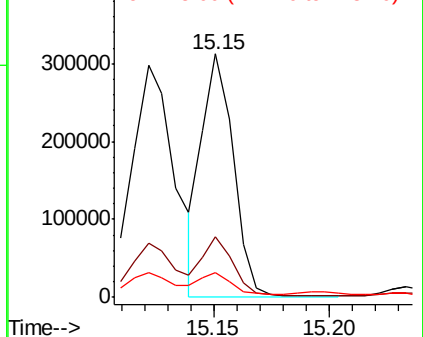


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 21.534 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

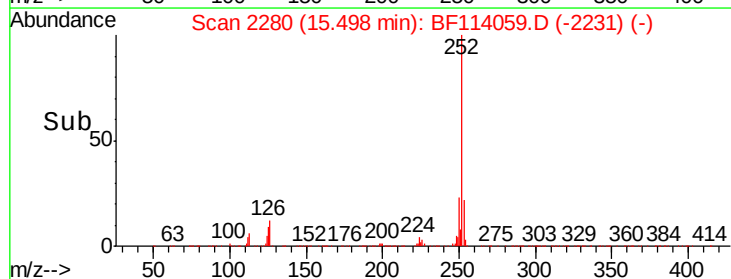
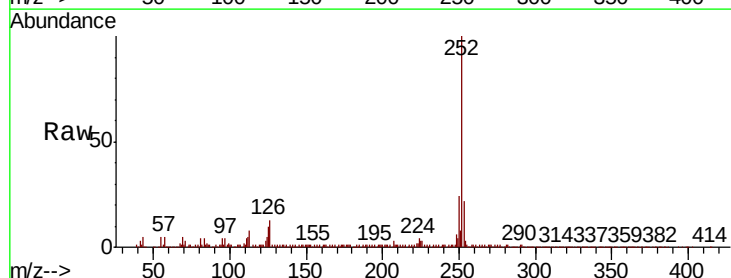
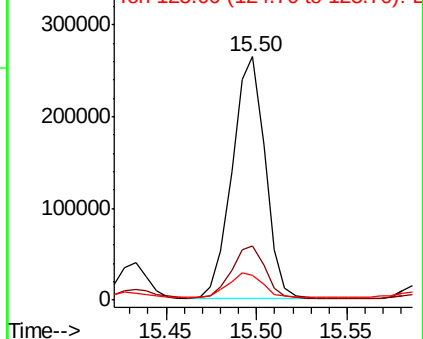
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	334239		
253	22.5	17.5	26.3	
125	10.4	8.5	12.7	

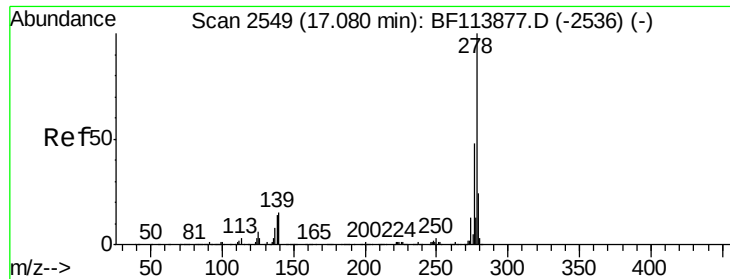
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91
Dibenzo(a,h)anthracene
Concen: 18.824 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

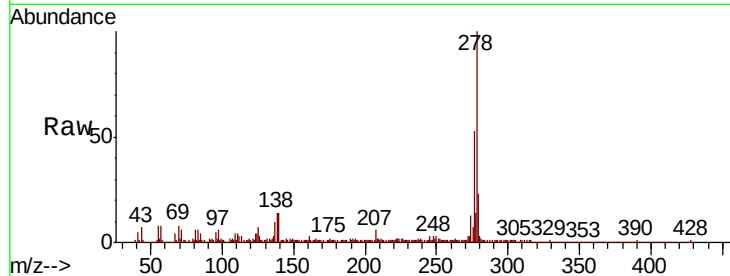
Instrument :
BNA_F
ClientSampleId :
JC-03-042919-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.6	17.4
279	23.0	19.0	28.6

Manual Integrations
APPROVED

Sohil

5/2/2019 4:53:28 PM

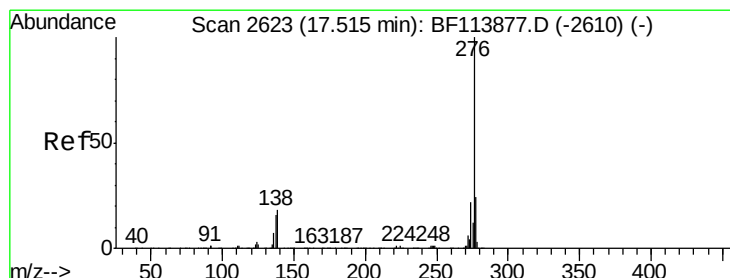
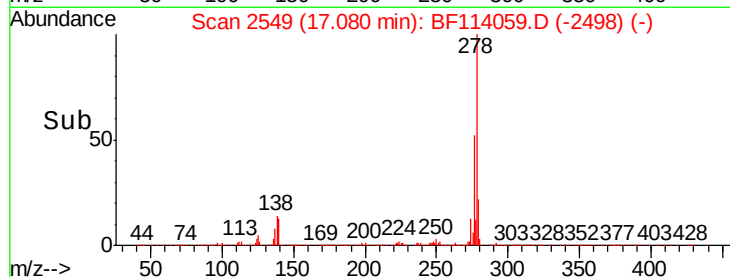
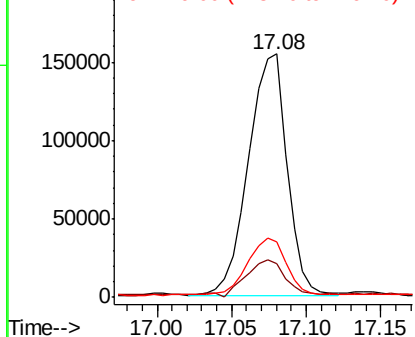


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 21.201 ng
RT: 17.52 min Scan# 2623
Delta R.T. 0.00 min
Lab File: BF114059.D
Acq: 1 May 2019 10:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	18.5	16.6	25.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

