

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116109.D
 Acq On : 9 Aug 2019 13:25
 Operator : HP/JU
 Sample : K4219-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Manual Integrations
 APPROVED

Sohil
 8/13/2019 7:17:49 AM

Quant Time: Aug 11 01:10:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	121518	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	478318	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	257355	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	460184	20.00	ng	0.00
76) Chrysene-d12	14.00	240	354987	20.00	ng	0.00
87) Perylene-d12	15.47	264	316283	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	907581	125.03	ng	0.00
7) Phenol-d6	6.49	99	1197967	130.81	ng	0.00
23) Nitrobenzene-d5	7.40	82	749780	90.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	330315	132.38	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1134245	82.55	ng	-0.01
79) Terphenyl-d14	12.94	244	1456695	86.47	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	115049	31.373	ng	98
3) Pyridine	3.39	79	306723	29.942	ng	98
4) n-Nitrosodimethylamine	3.32	42	140799	34.829	ng	99
6) Aniline	6.50	93	324526	24.743	ng	# 88
8) 2-Chlorophenol	6.63	128	328753	40.957	ng	96
9) Benzaldehyde	6.39	77	166773	26.392	ng	99
10) Phenol	6.50	94	498625	46.234	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	314116	39.615	ng	99
12) 1,3-Dichlorobenzene	6.78	146	348588	37.577	ng	98
13) 1,4-Dichlorobenzene	6.86	146	357342	38.472	ng	98
14) 1,2-Dichlorobenzene	7.01	146	328804	38.445	ng	99
15) Benzyl Alcohol	6.99	79	280844	40.408	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	411727	38.069	ng	89
17) 2-Methylphenol	7.10	107	278572	40.986	ng	99
18) Hexachloroethane	7.35	117	127791	37.368	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	225135	39.670	ng	98
20) 3+4-Methylphenols	7.25	107	345578	42.966	ng	91
22) Acetophenone	7.25	105	447137	42.624	ng	98
24) Nitrobenzene	7.42	77	364241	40.709	ng	98
25) Isophorone	7.66	82	656818	41.453	ng	98
26) 2-Nitrophenol	7.74	139	180244	42.736	ng	96
27) 2,4-Dimethylphenol	7.77	122	300180	47.307	ng	100
28) bis(2-Chloroethoxy)methane	7.86	93	405916	41.332	ng	99
29) 2,4-Dichlorophenol	7.99	162	291417	43.496	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	304795	39.909	ng	99
31) Naphthalene	8.14	128	947813	42.109	ng	99
32) Benzoic acid	7.90	122	20288m	4.535	ng	
33) 4-Chloroaniline	8.19	127	178891	17.788	ng	97
34) Hexachlorobutadiene	8.26	225	171414	38.967	ng	100
35) Caprolactam	8.56	113	88153m	40.681	ng	
36) 4-Chloro-3-methylphenol	8.68	107	305214	43.790	ng	98
37) 2-Methylnaphthalene	8.83	142	633479	42.734	ng	98
38) 1-Methylnaphthalene	8.93	142	598021	42.643	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	292438	42.505	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	168382	56.402	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	187495	39.592	ng	98
44) 2,4,5-Trichlorophenol	9.16	196	203011	41.471	ng	98
46) 1,1'-Biphenyl	9.29	154	787164	43.324	ng	99
47) 2-Chloronaphthalene	9.32	162	613532	40.572	ng	99
48) 2-Nitroaniline	9.42	65	204023	40.817	ng	98
49) Acenaphthylene	9.73	152	949811	43.052	ng	98
50) Dimethylphthalate	9.59	163	809857	46.217	ng	100
51) 2,6-Dinitrotoluene	9.66	165	166283	43.666	ng	99
52) Acenaphthene	9.91	154	565958	41.816	ng	99
53) 3-Nitroaniline	9.83	138	128342	27.276	ng	94
54) 2,4-Dinitrophenol	9.95	184	58584	35.106	ng	97
55) Dibenzofuran	10.08	168	827952	42.065	ng	99
56) 4-Nitrophenol	10.01	139	242267	80.374	ng	93
57) 2,4-Dinitrotoluene	10.07	165	217379	42.875	ng	98
58) Fluorene	10.42	166	669475	44.209	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	178438	43.326	ng	98
60) Diethylphthalate	10.29	149	710457	43.427	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	334884	43.665	ng	99
62) 4-Nitroaniline	10.45	138	203298	41.808	ng	99
63) Azobenzene	10.57	77	736144	43.747	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	81474	33.409	ng	94
66) n-Nitrosodiphenylamine	10.53	169	599192	43.260	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	207424	42.106	ng	96
68) Hexachlorobenzene	10.97	284	234019	41.082	ng	97
69) Atrazine	11.06	200	197706	43.388	ng	98
70) Pentachlorophenol	11.17	266	159366	57.624	ng	99
71) Phenanthrene	11.39	178	1023813	43.519	ng	99
72) Anthracene	11.44	178	1080678	45.390	ng	99
73) Carbazole	11.59	167	992381	45.942	ng	100
74) Di-n-butylphthalate	11.92	149	1155365	45.851	ng	99
75) Fluoranthene	12.57	202	1123614	45.622	ng	98
77) Benzidine	12.69	184	463042	38.610	ng	97
78) Pyrene	12.80	202	1155141	43.168	ng	100
80) Butylbenzylphthalate	13.41	149	519147	45.864	ng	96
81) Benzo(a)anthracene	13.99	228	986972	43.499	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	210944	26.760	ng	98
83) Chrysene	14.03	228	968531	43.968	ng	98
84) Bis(2-ethylhexyl)phthalate	13.97	149	718934	48.876	ng	98
85) Di-n-octyl phthalate	14.58	149	1134184	48.544	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	833548	45.054	ng	100
88) Benzo(b)fluoranthene	15.04	252	839425	45.901	ng	100
89) Benzo(k)fluoranthene	15.07	252	772150	43.349	ng	98
90) Benzo(a)pyrene	15.41	252	752741	46.045	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	692812	48.959	ng	99
92) Benzo(g,h,i)perylene	17.39	276	724424	52.126	ng	98

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

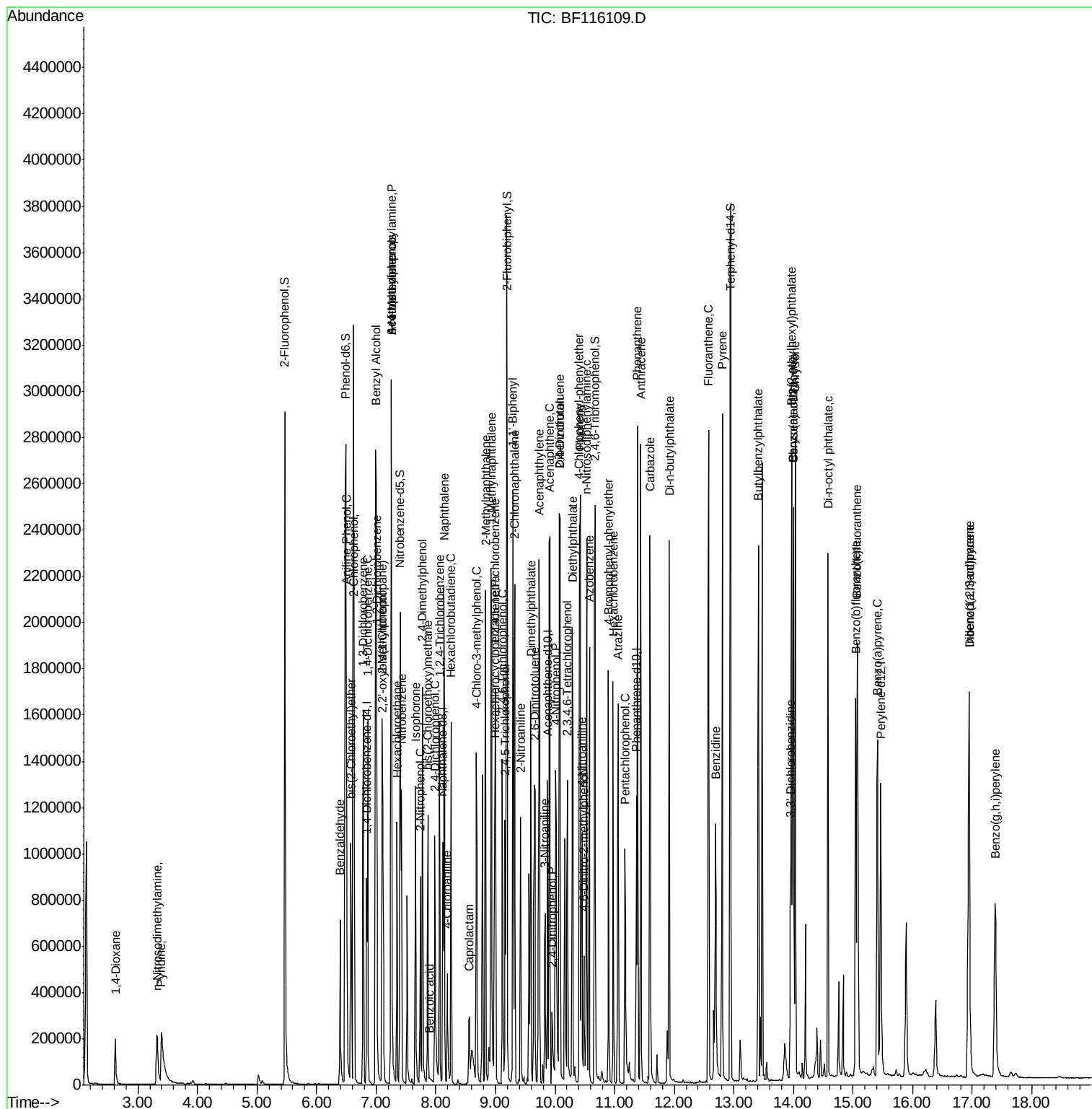
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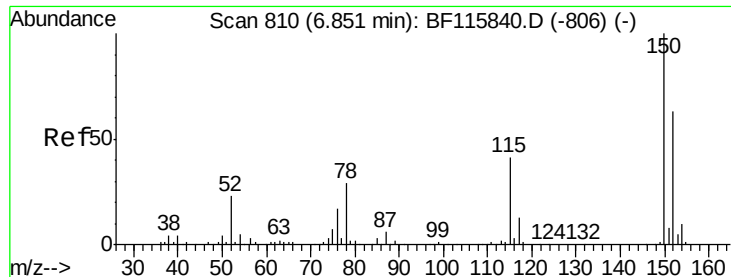
Instrument :
BNA_F
ClientSampled :
TP-AMS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

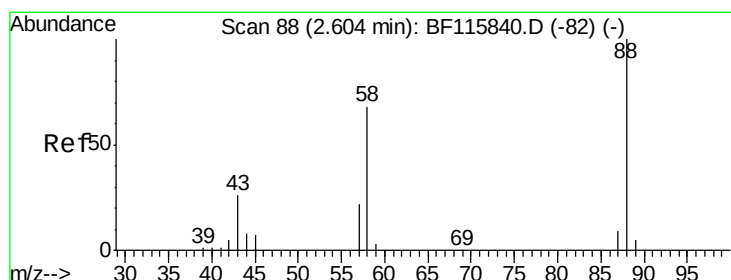
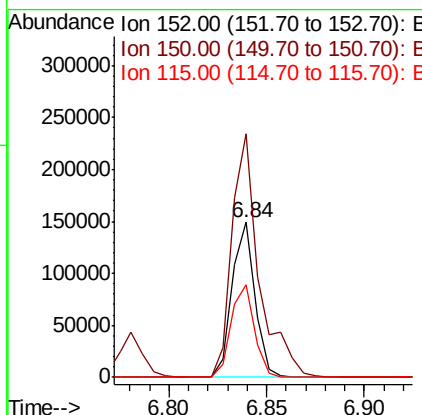
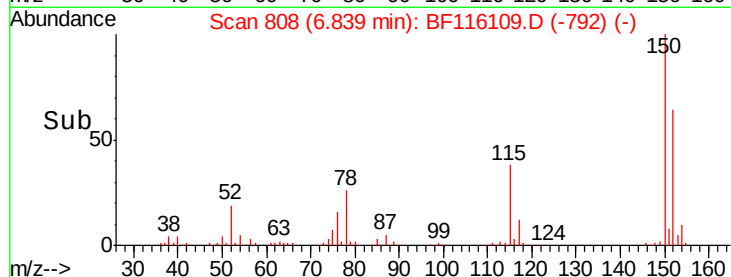
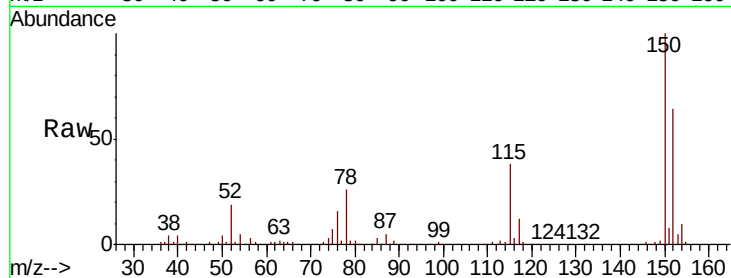
ClientSampleId :

TP-AMS

Tot Ion:	152	Resp:	121518
Ion Ratio	Lower	Upper	
152	100		
150	156.9	126.2	189.2
115	59.9	49.9	74.9

Manual Integrations
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#2

1,4-Dioxane

Concen: 31.373 ng

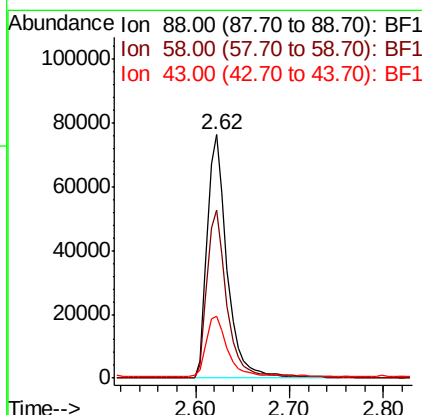
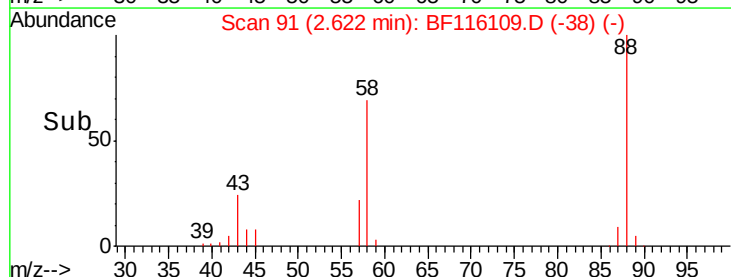
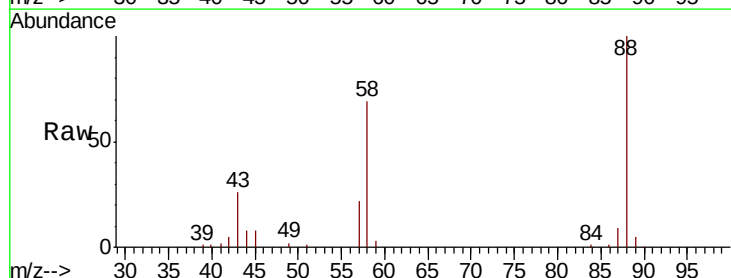
RT: 2.62 min Scan# 91

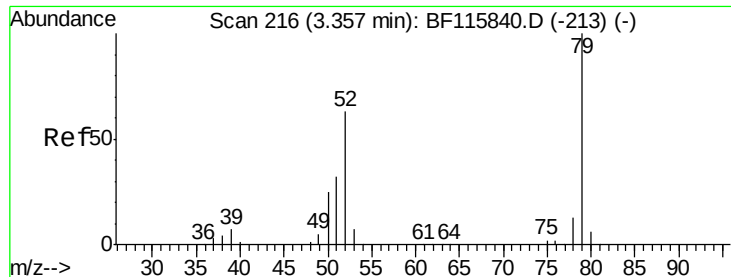
Delta R.T. 0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Tgt Ion:	88	Resp:	115049
Ion Ratio	Lower	Upper	
88	100		
58	69.0	53.7	80.5
43	25.8	21.0	31.4





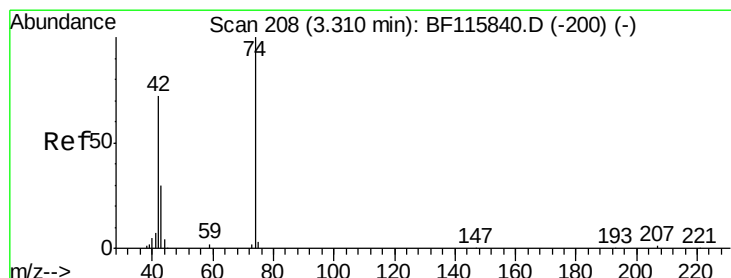
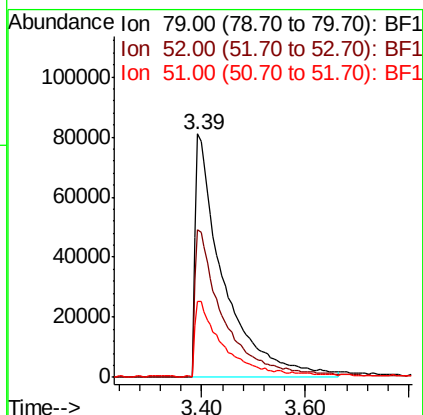
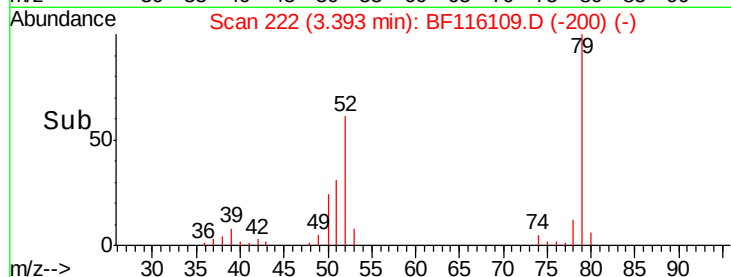
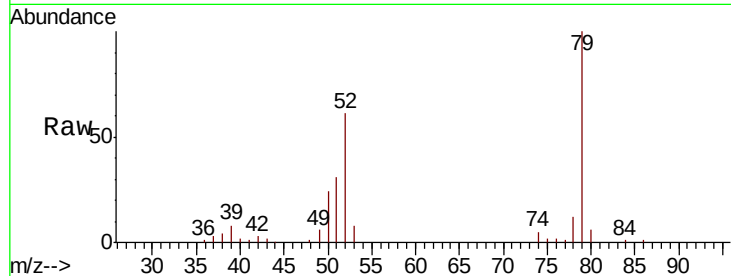
#3
 Pvridine
 Concen: 29.942 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.03 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.6	49.8	74.8
51	31.2	25.2	37.8

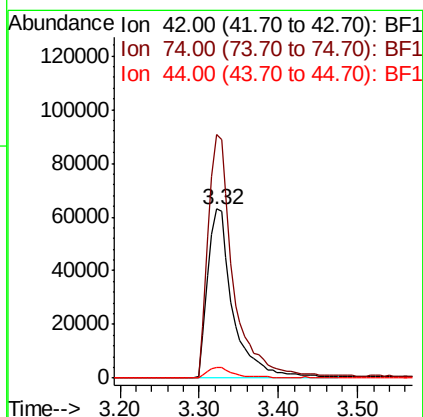
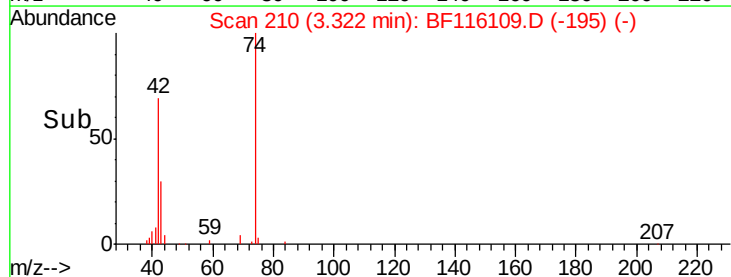
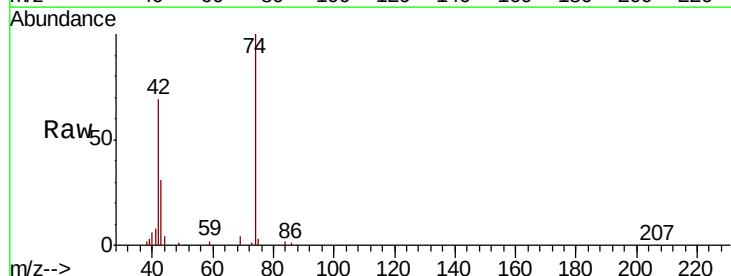
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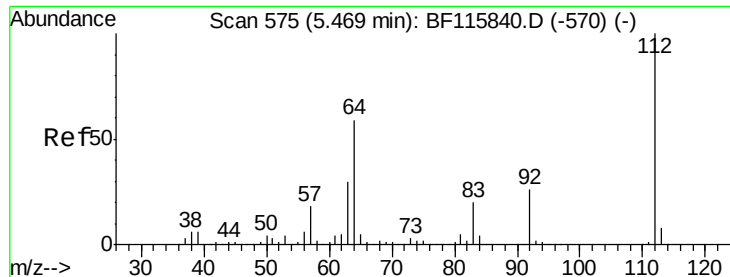
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#4
 n-Nitrosodimethylamine
 Concen: 34.829 ng
 RT: 3.32 min Scan# 210
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.1	116.0	174.0
44	6.4	4.6	7.0





#5

2-Fluorophenol

Concen: 125.031 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.00 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

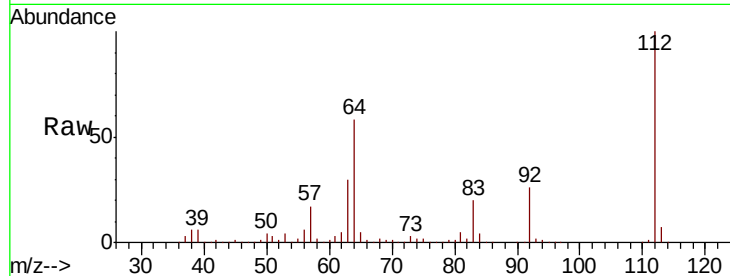
ClientSampled :

TP-AMS

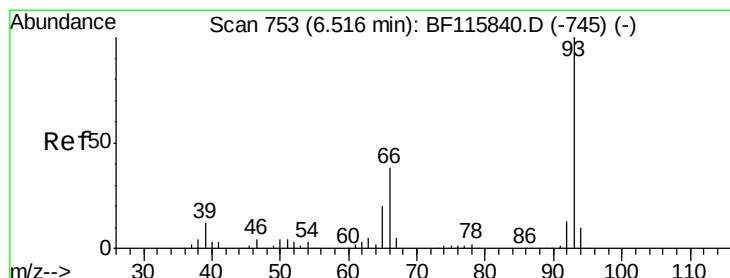
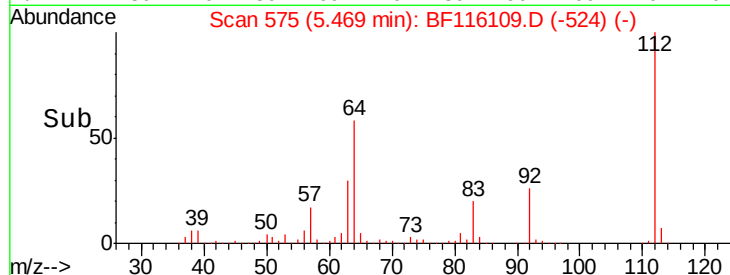
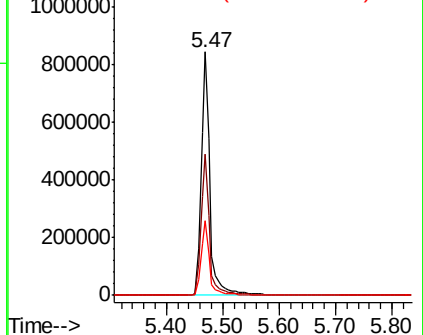
Tot Ion:	112	Resp:	907581
Ion Ratio	Lower	Upper	
112	100		
64	57.8	45.4	68.2
63	30.5	23.7	35.5

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



#6

Aniline

Concen: 24.743 ng

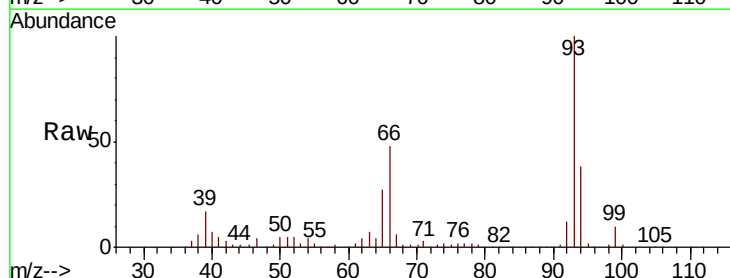
RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

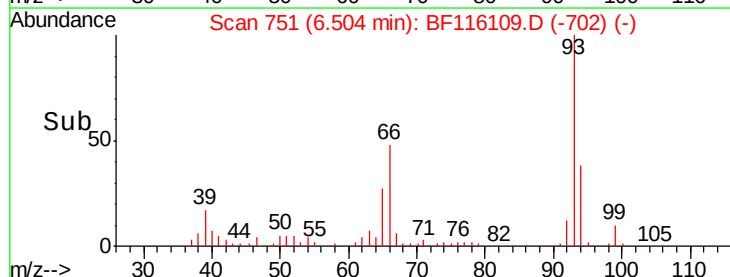
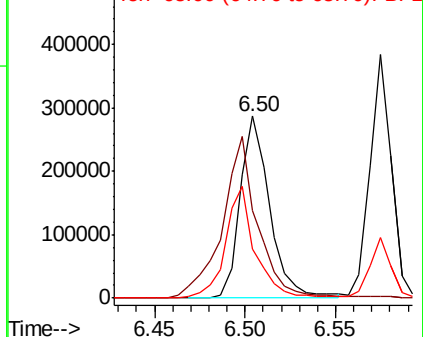
Lab File: BF116109.D

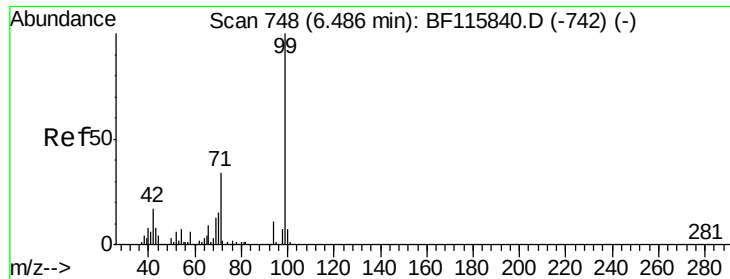
Acq: 9 Aug 2019 13:25

Tgt Ion:	93	Resp:	324526
Ion Ratio	Lower	Upper	
93	100		
66	48.1	32.2	48.4
65	26.7	17.0	25.6



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





#7

Phenol-d6

Concen: 130.806 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116109.D

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Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 99 Resp: 1197967

Ion Ratio Lower Upper

99 100

42 16.3 13.8 20.8

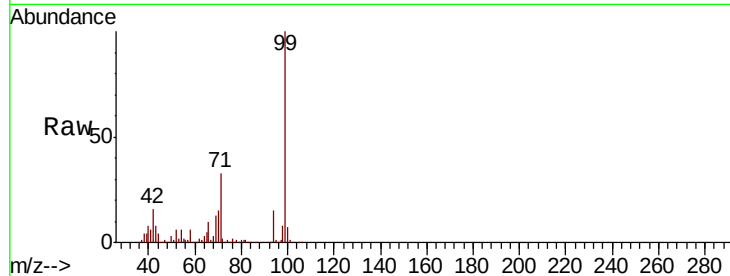
71 33.1 27.3 40.9

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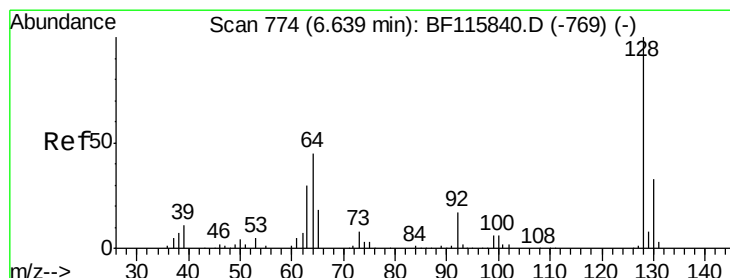
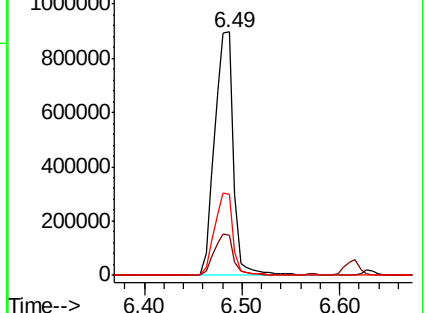
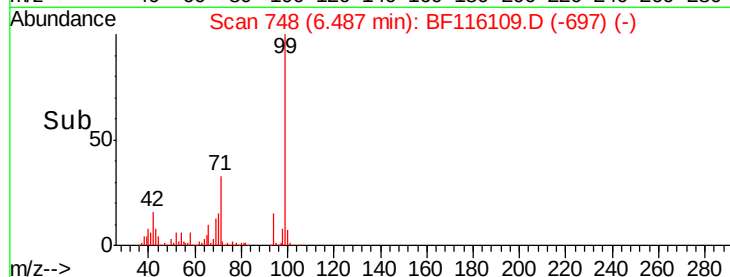
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.957 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

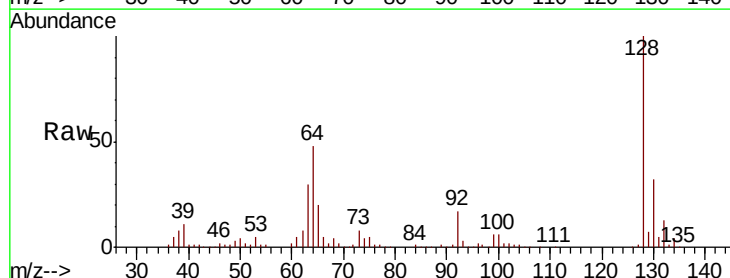
Tgt Ion: 128 Resp: 328753

Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

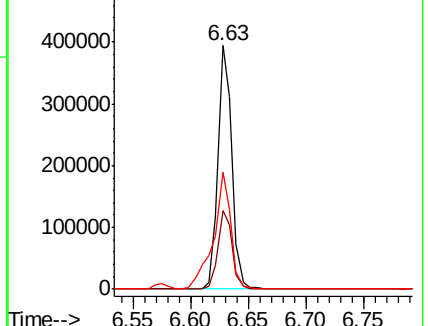
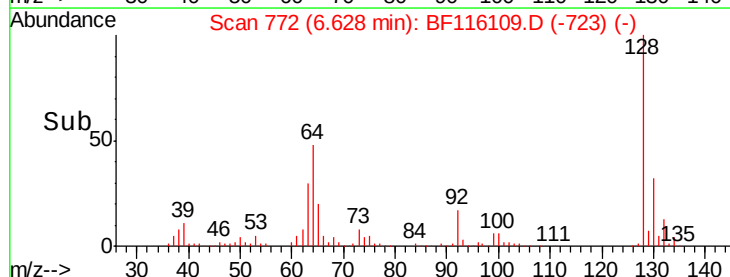
64 48.2 24.3 64.3

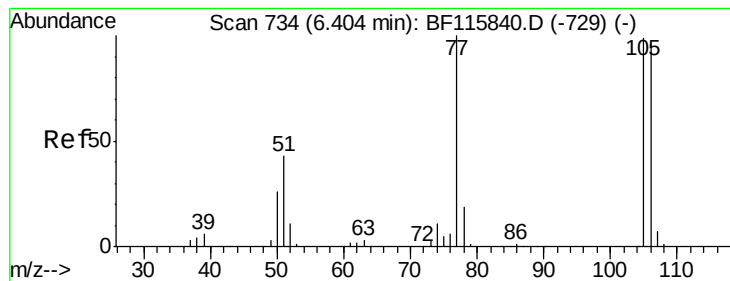


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 26.392 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

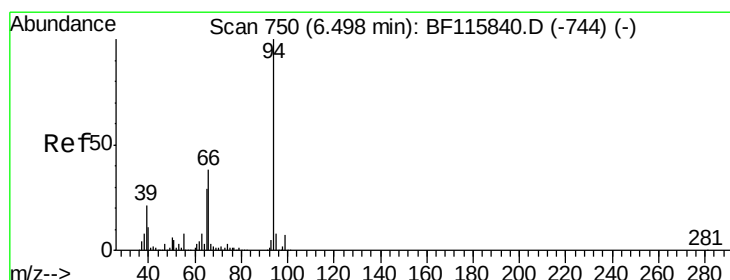
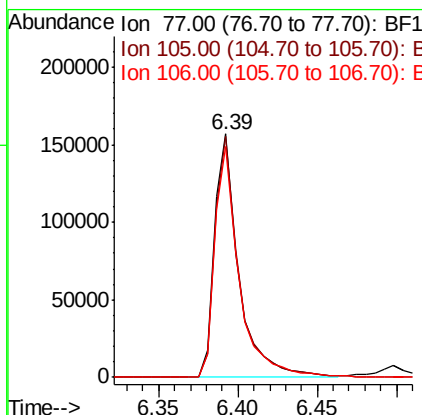
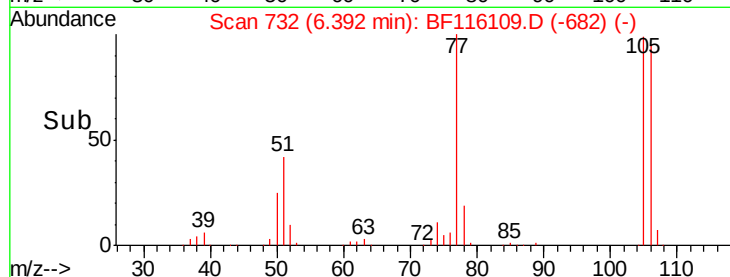
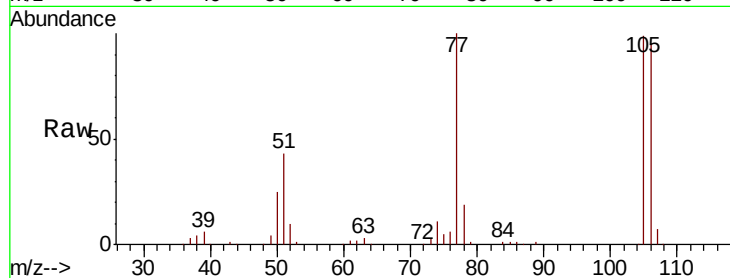
ClientSampled :

TP-AMS

Tot Ion:	77	Resp:	166773
Ion	Ratio	Lower	Upper
77	100		
105	98.8	79.2	119.2
106	95.0	74.3	114.3

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#10

Phenol

Concen: 46.234 ng

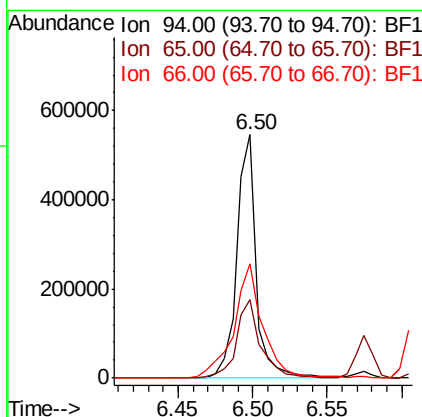
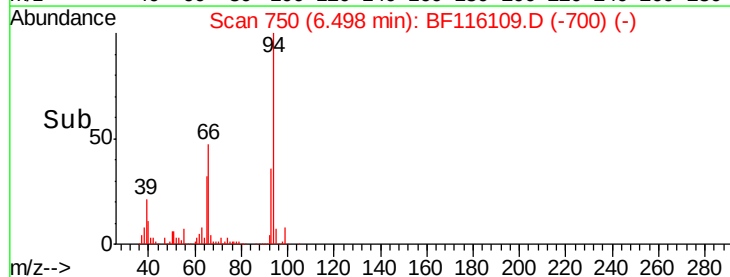
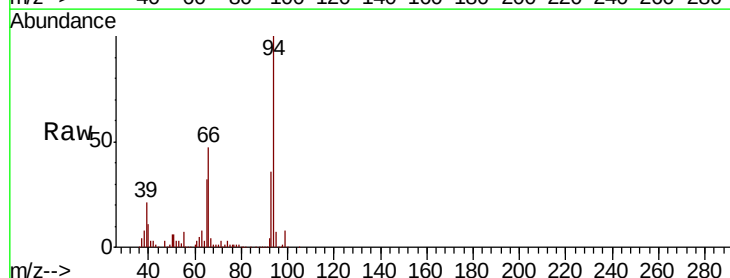
RT: 6.50 min Scan# 750

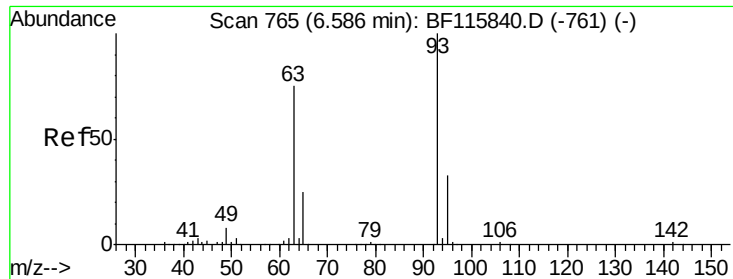
Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Tgt Ion:	94	Resp:	498625
Ion	Ratio	Lower	Upper
94	100		
65	32.4	16.8	56.8
66	46.9	34.2	74.2





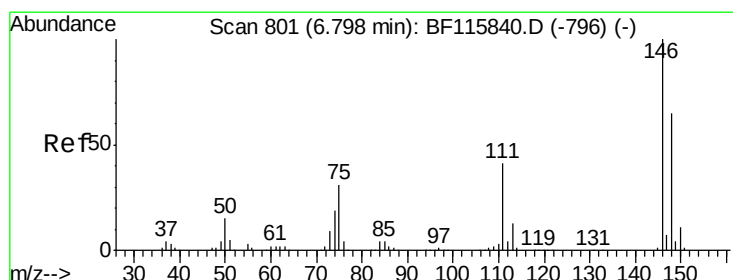
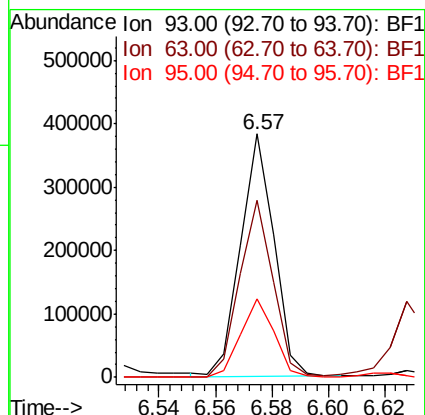
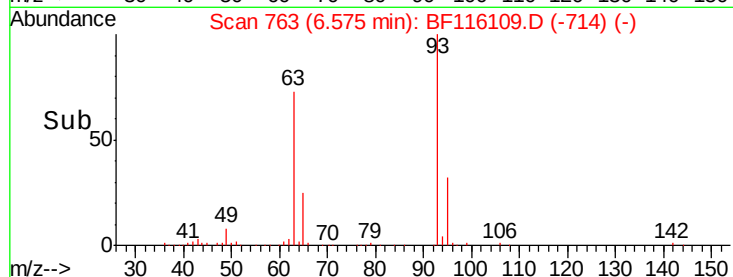
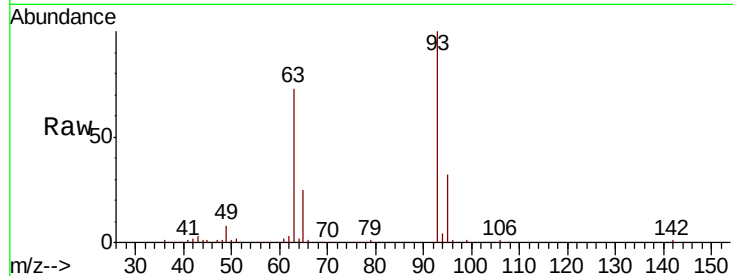
#11
bis(2-Chloroethyl)ether
Concen: 39.615 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :
TP-AMS

Tot Ion:	93	Resp:	314116
Ion Ratio	Lower	Upper	
93	100		
63	72.8	51.9	91.9
95	32.3	13.0	53.0

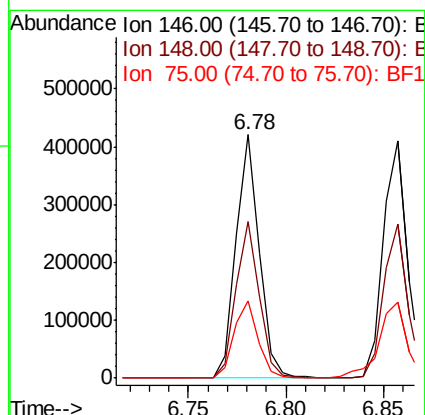
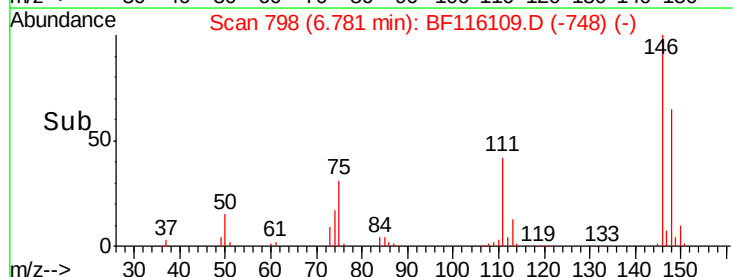
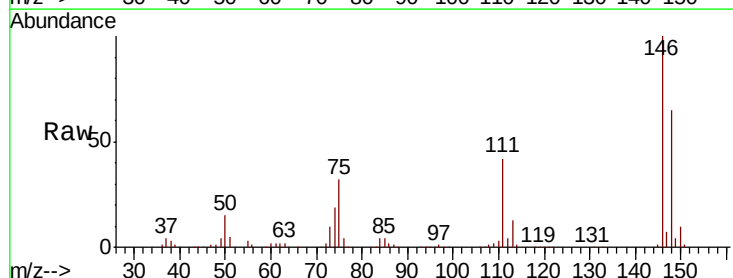
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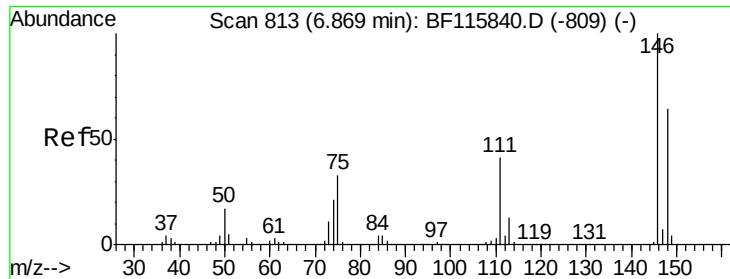
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.577 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:	146	Resp:	348588
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.3	76.9
75	31.9	27.4	41.2





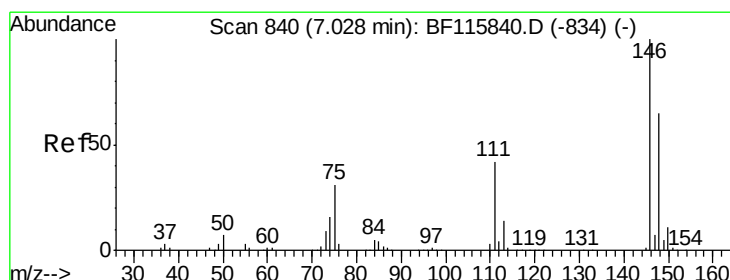
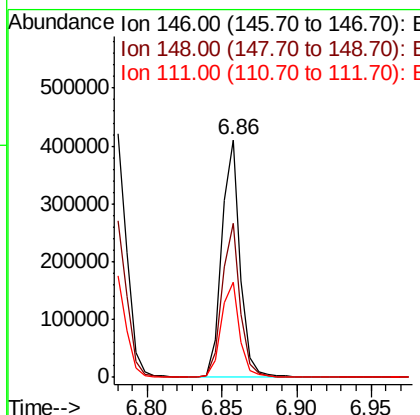
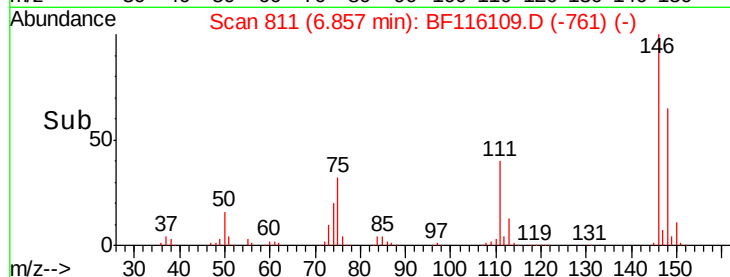
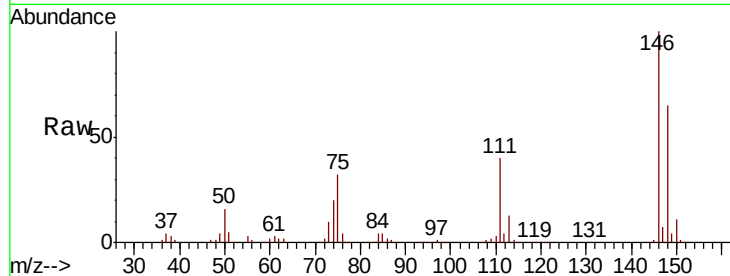
#13
 1,4-Dichlorobenzene
 Concen: 38.472 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
111	40.0	34.0	51.0

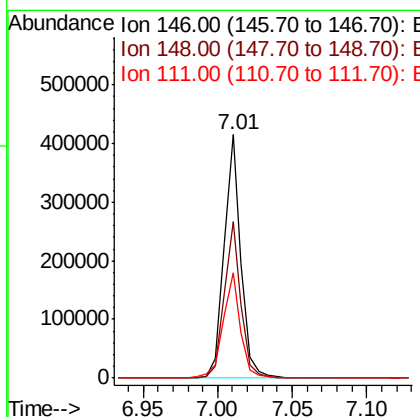
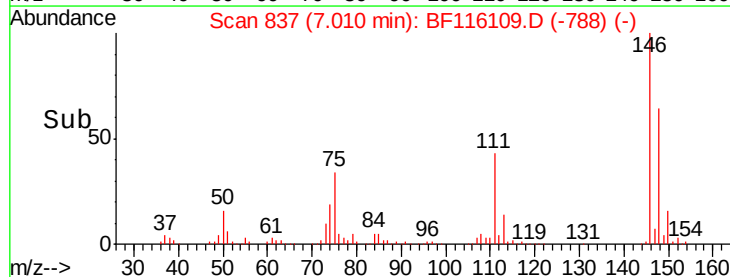
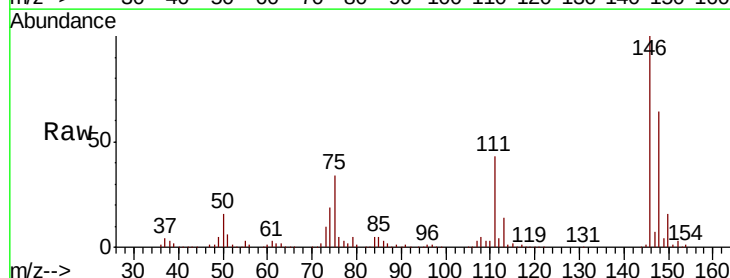
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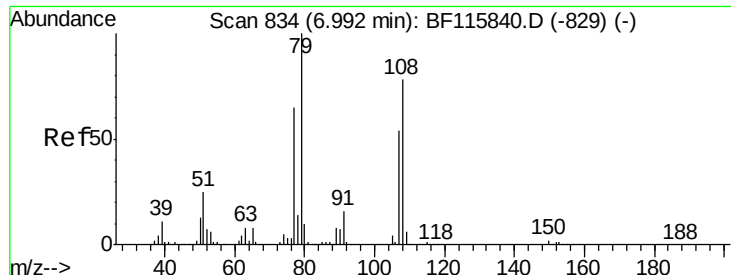
Sohil
 8/13/2019 7:17:49 AM



#14
 1,2-Dichlorobenzene
 Concen: 38.445 ng
 RT: 7.01 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	43.4	33.5	50.3





#15

Benzyl Alcohol

Concen: 40.408 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

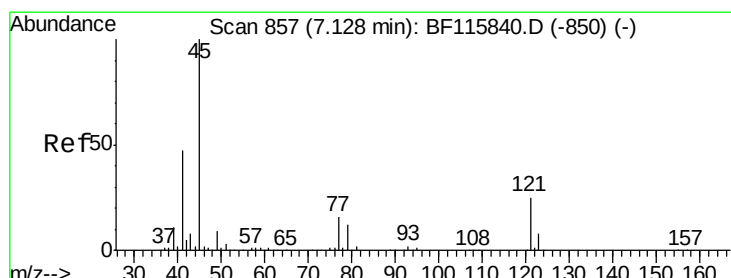
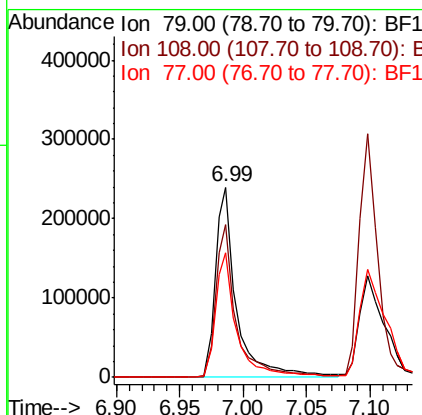
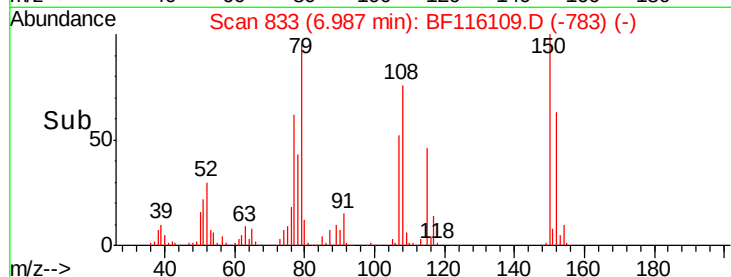
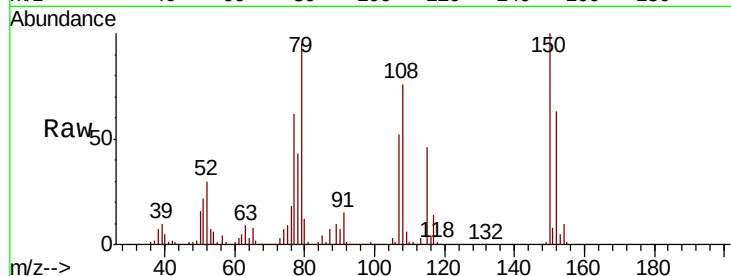
ClientSampled :

TP-AMS

Tot Ion:	79	Resp:	280844
Ion Ratio	Lower	Upper	
79	100		
108	80.1	62.7	94.1
77	65.4	52.2	78.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.069 ng

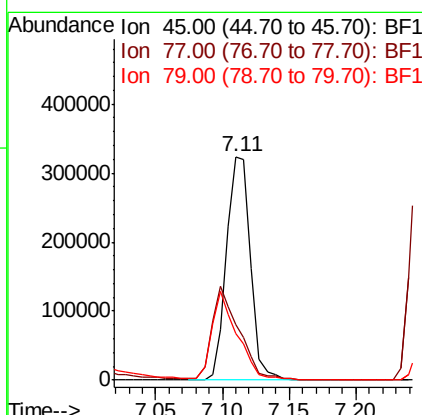
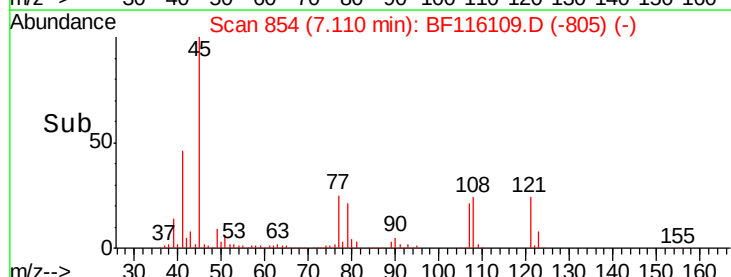
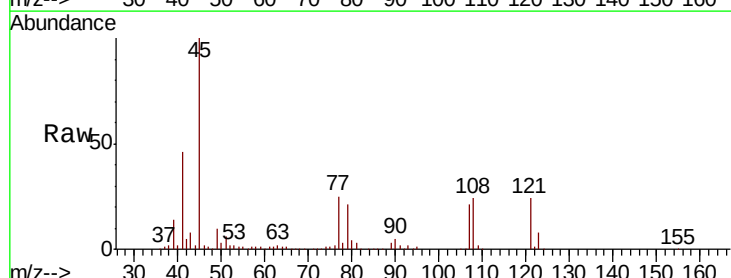
RT: 7.11 min Scan# 854

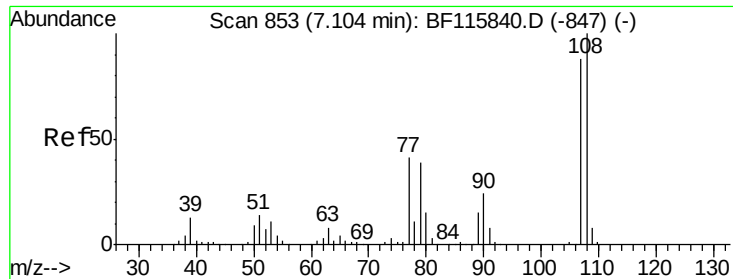
Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Tgt Ion:	45	Resp:	411727
Ion Ratio	Lower	Upper	
45	100		
77	24.6	0.0	40.0
79	20.8	0.0	35.9





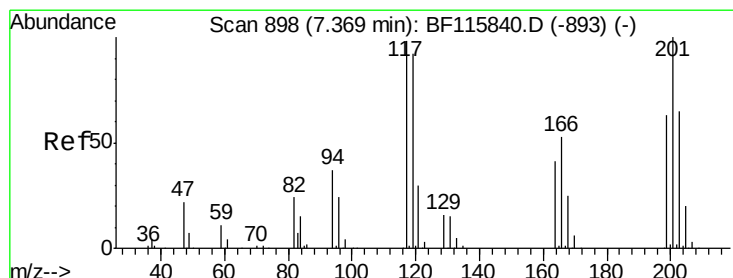
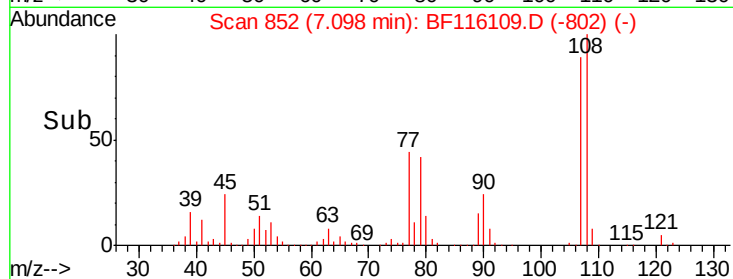
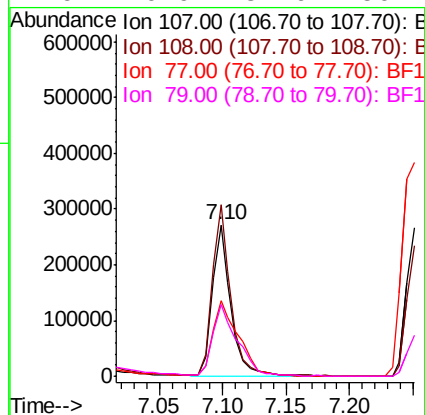
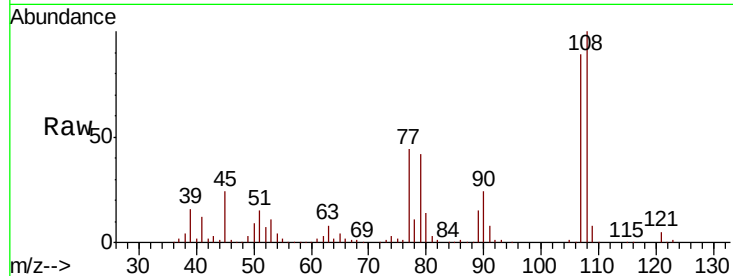
#17
2-Methylphenol
Concen: 40.986 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	91.2	136.8	
77	49.9	40.3	60.5	
79	46.9	37.6	56.4	

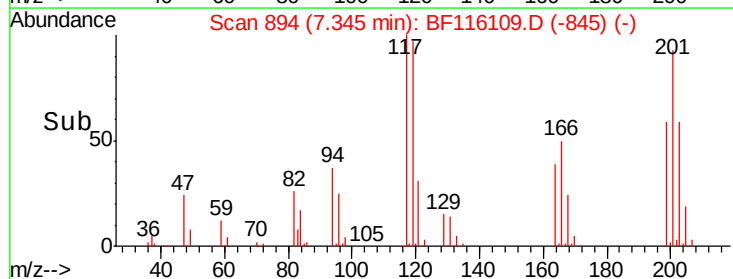
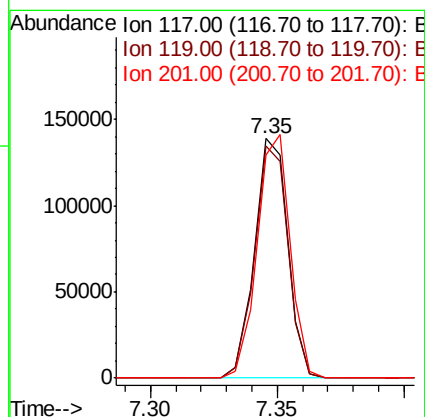
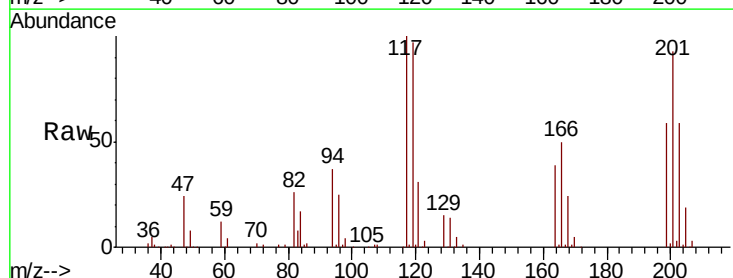
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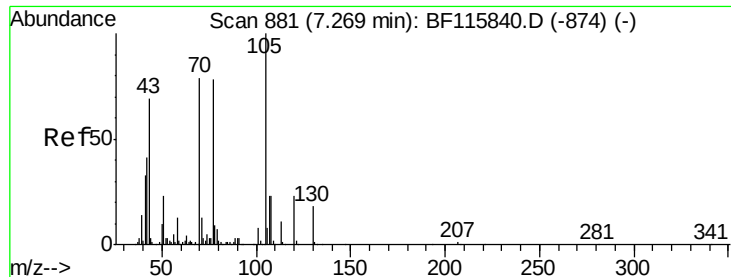
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#18
Hexachloroethane
Concen: 37.368 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.8	76.1	114.1	
201	92.9	77.0	115.4	





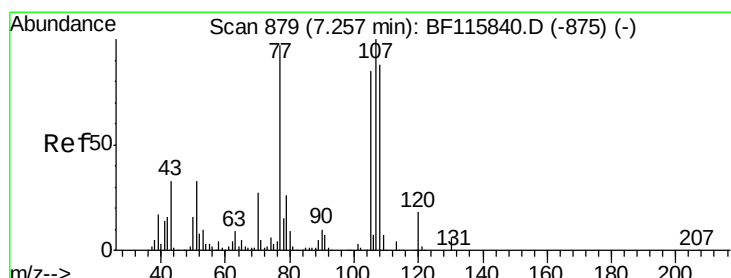
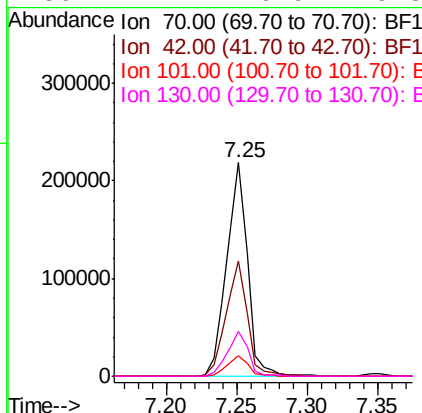
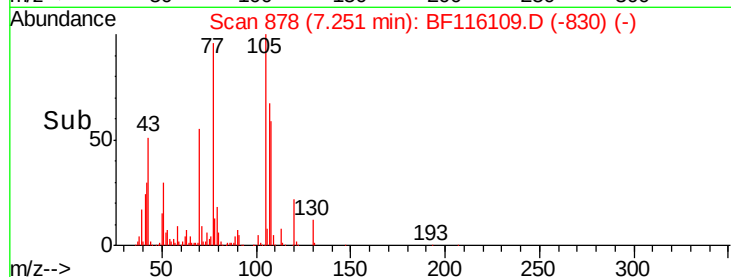
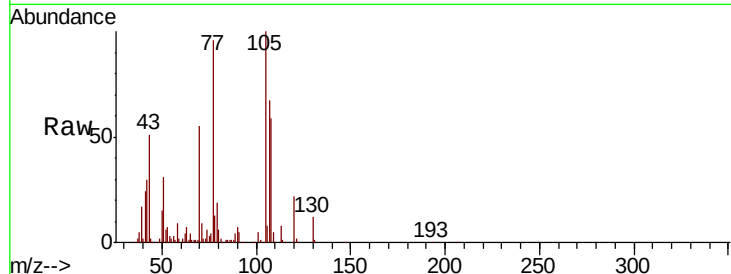
#19
n-Nitroso-di-n-propylamine
Concen: 39.670 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		225135		
42	53.8	40.9	61.3		
101	9.9	7.9	11.9		
130	21.1	16.9	25.3		

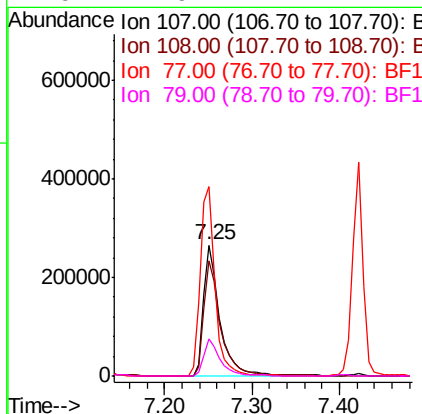
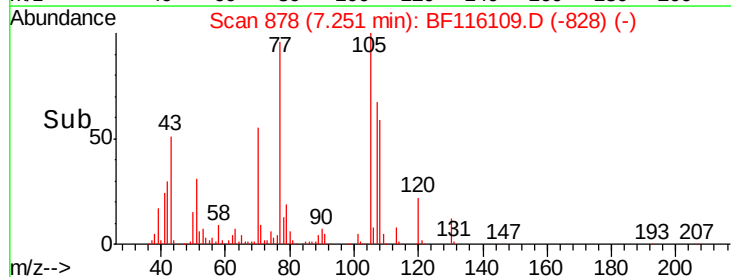
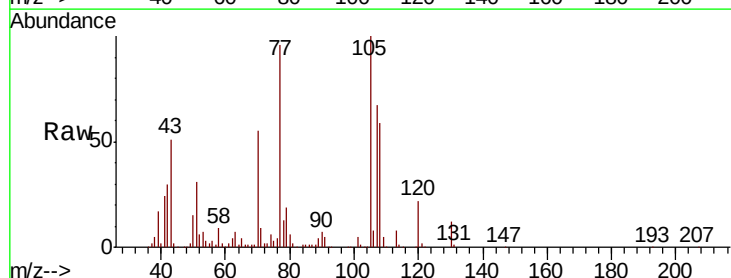
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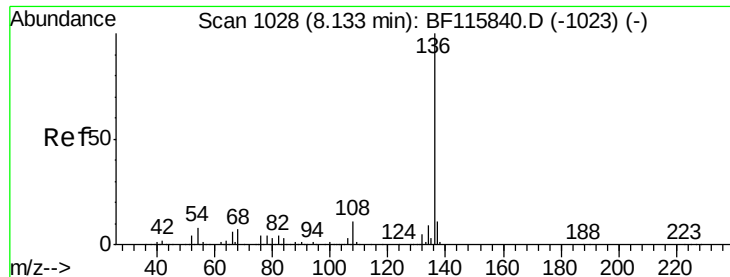
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#20
3+4-Methylphenols
Concen: 42.966 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		345578		
108	88.1	67.6	107.6		
77	144.2	104.4	144.4		
79	27.9	7.4	47.4		





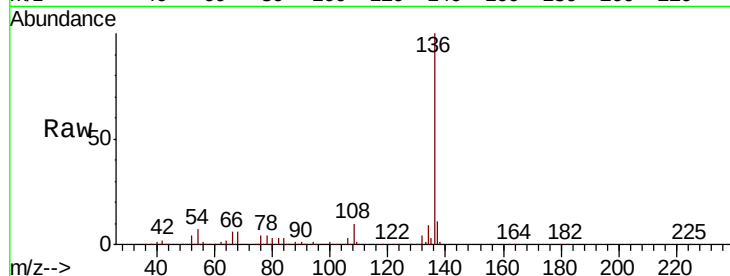
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TP-AMS

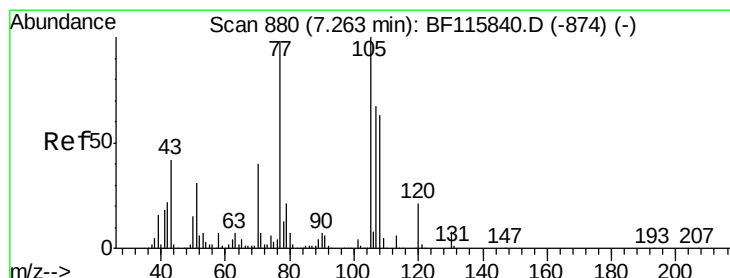
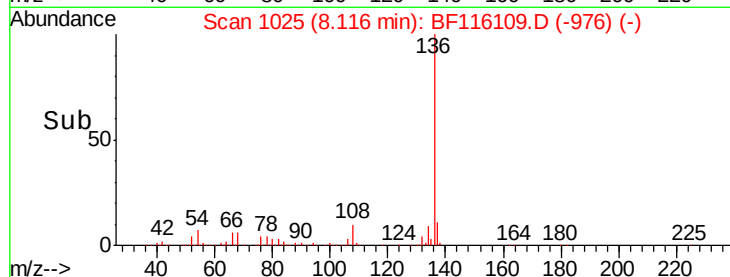
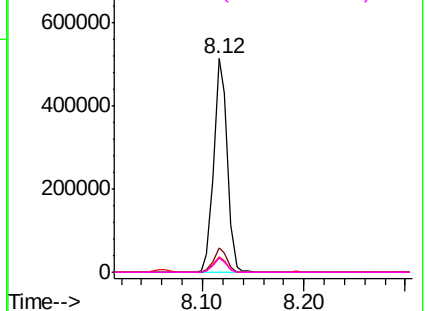
Tot Ion	Ratio	Resp	Lower	Upper
136	100	478318		
137	11.3	9.0	13.4	
54	7.3	5.8	8.6	
68	6.4	5.2	7.8	

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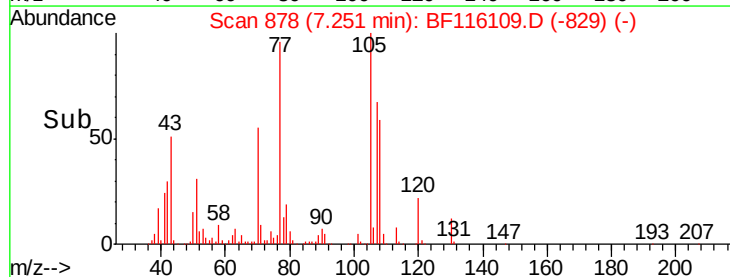
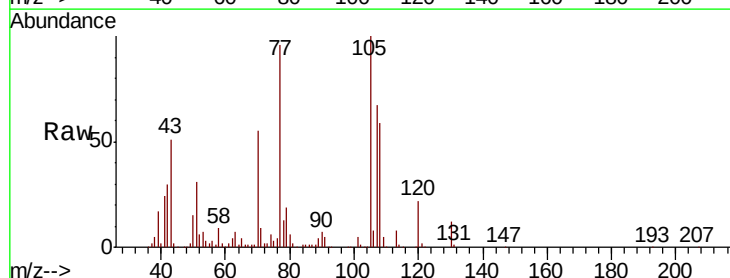
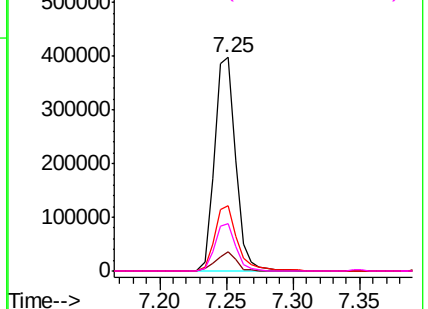
Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

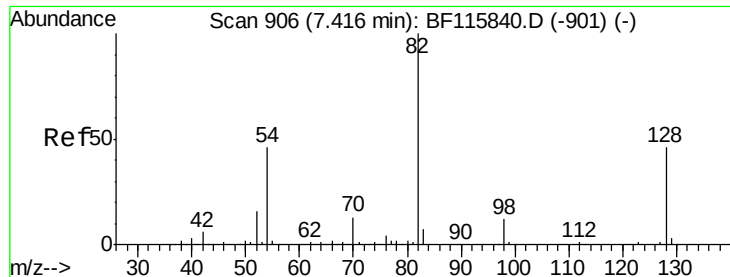


#22
Acetophenone
Concen: 42.624 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	447137		
71	8.8	5.9	8.9	
51	30.7	25.3	37.9	
120	22.0	17.9	26.9	

Abundance Ion 105.00 (104.70 to 105.70): E
600000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





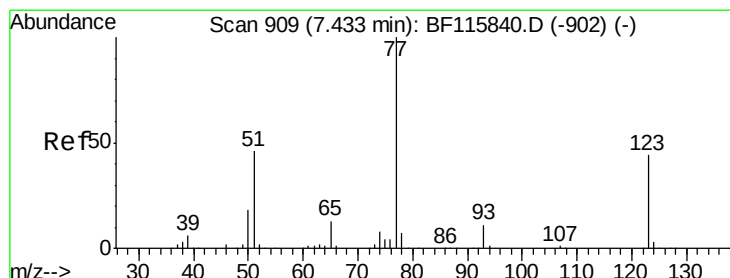
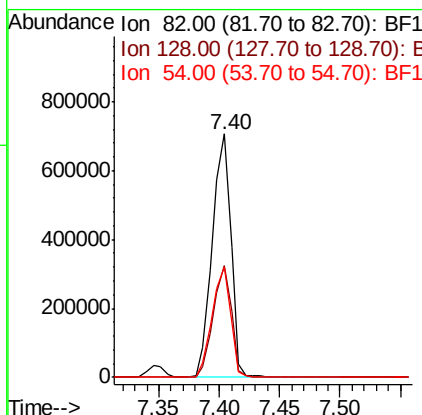
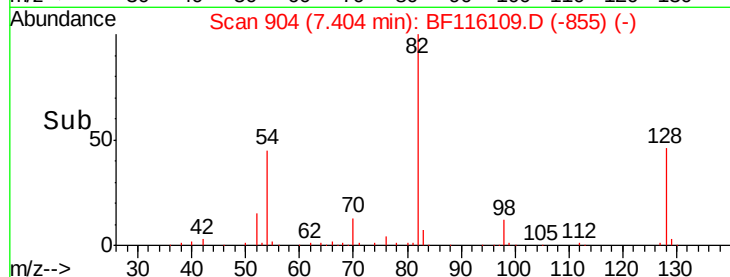
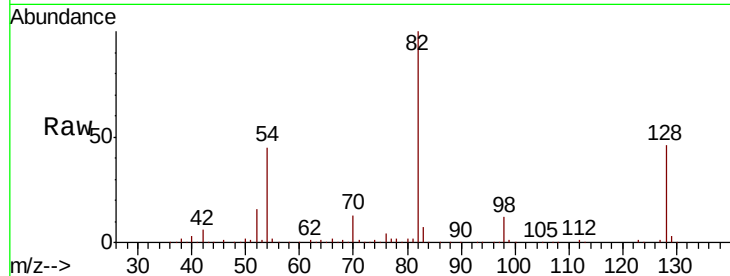
#23
 Nitrobenzene-d5
 Concen: 90.483 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :
 TP-AMS

Tot Ion	82	Resp	749780
Ion Ratio	100	Lower	Upper
82	100		
128	45.8	36.5	54.7
54	45.2	36.0	54.0

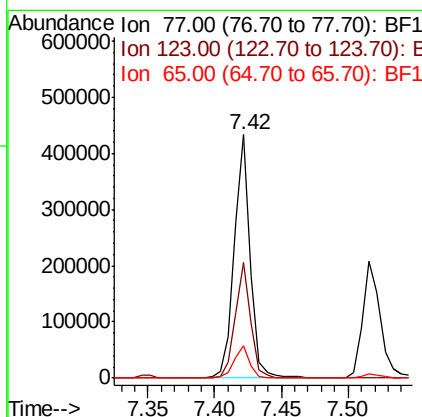
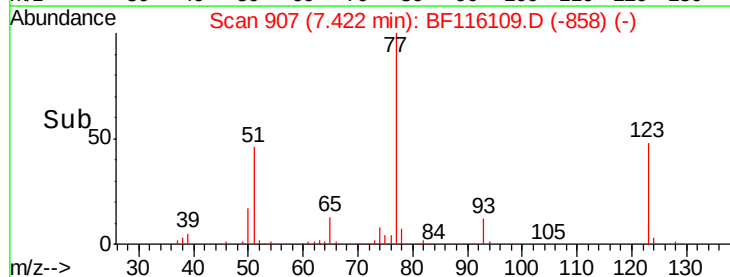
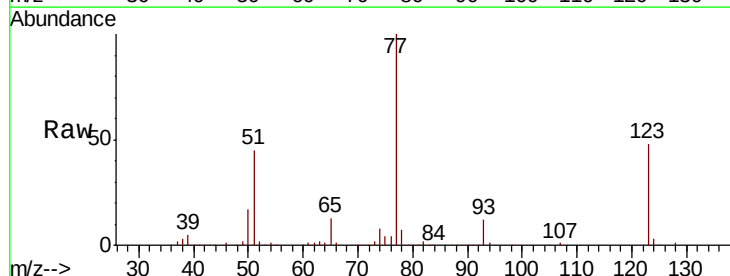
Manual Integrations
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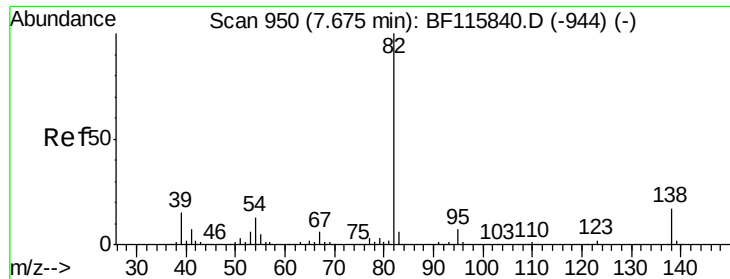
Sohil
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#24
 Nitrobenzene
 Concen: 40.709 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	77	Resp	364241
Ion Ratio	100	Lower	Upper
77	100		
123	47.6	36.7	55.1
65	13.3	10.6	16.0





#25

Isophorone

Concen: 41.453 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

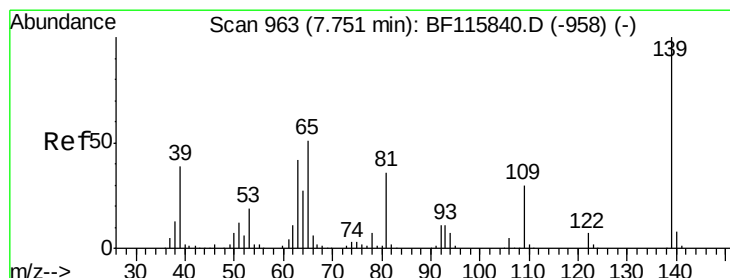
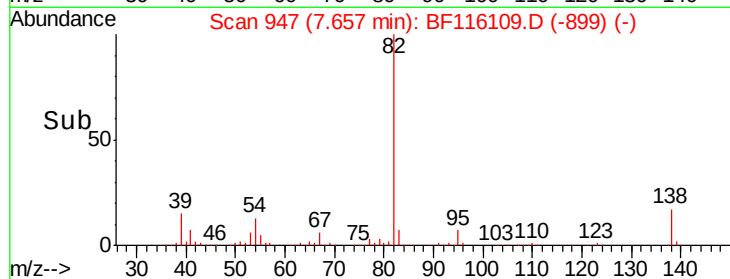
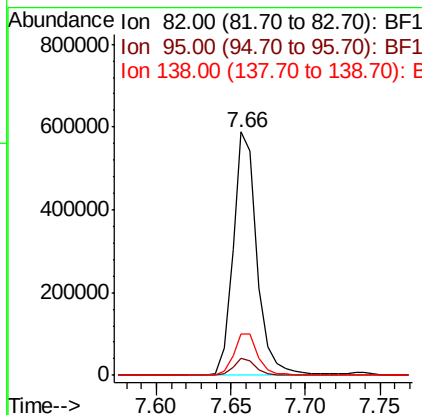
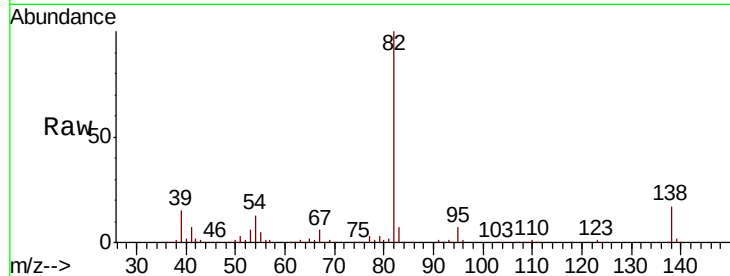
ClientSampleId :

TP-AMS

Tot Ion:	82	Resp:	656818
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	17.1	14.5	21.7

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#26

2-Nitrophenol

Concen: 42.736 ng

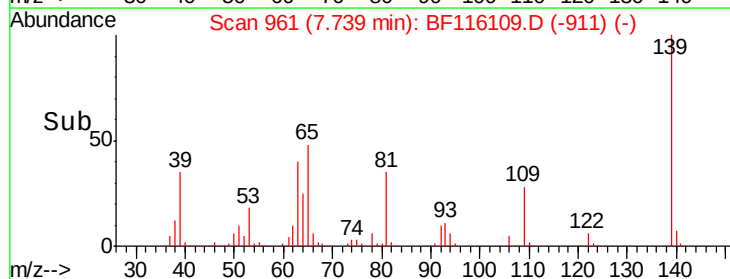
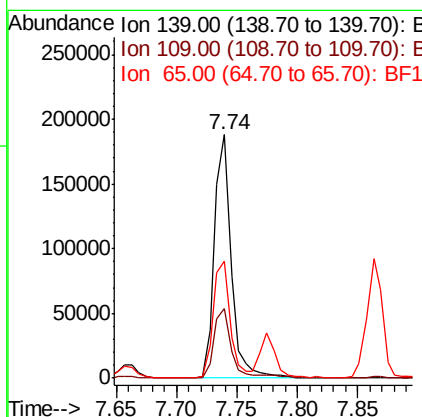
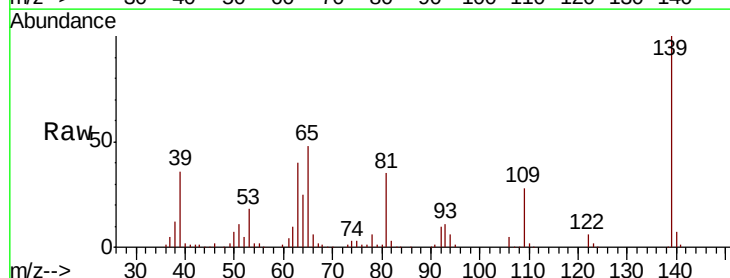
RT: 7.74 min Scan# 961

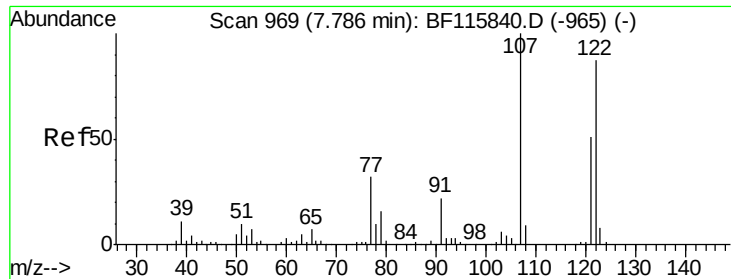
Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Tgt Ion:	139	Resp:	180244
Ion Ratio	Lower	Upper	
139	100		
109	28.4	23.4	35.2
65	48.0	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 47.307 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

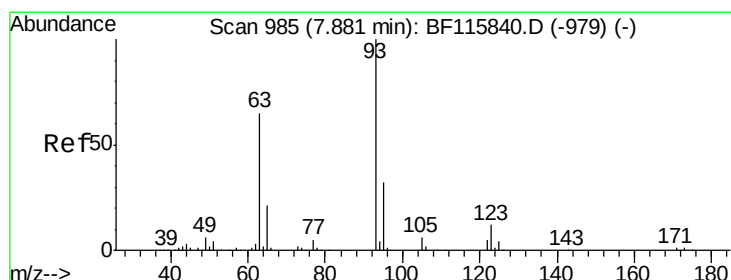
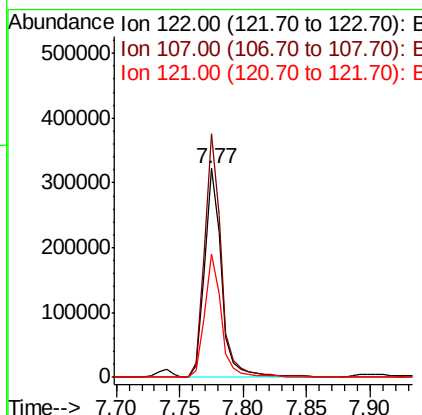
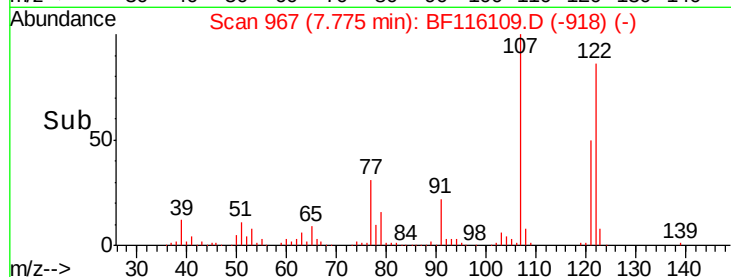
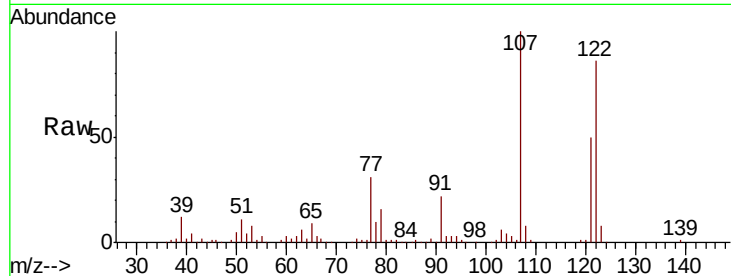
ClientSampled :

TP-AMS

Tot Ion:	122	Resp:	300180
Ion Ratio	Lower	Upper	
122	100		
107	116.7	93.0	139.6
121	58.9	47.6	71.4

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#28

bis(2-Chloroethoxy)methane

Concen: 41.332 ng

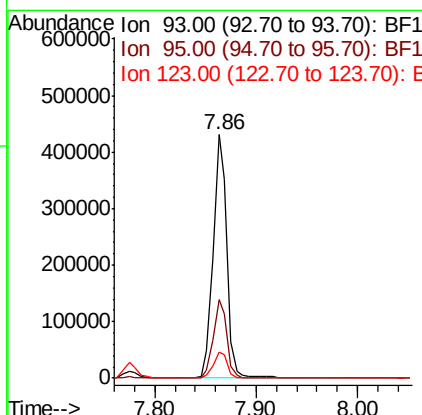
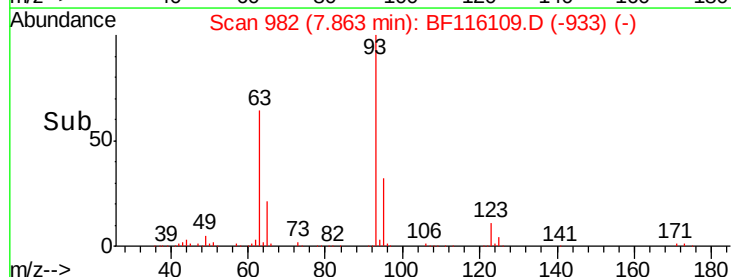
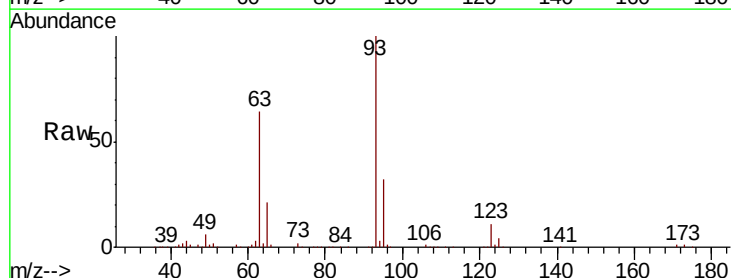
RT: 7.86 min Scan# 982

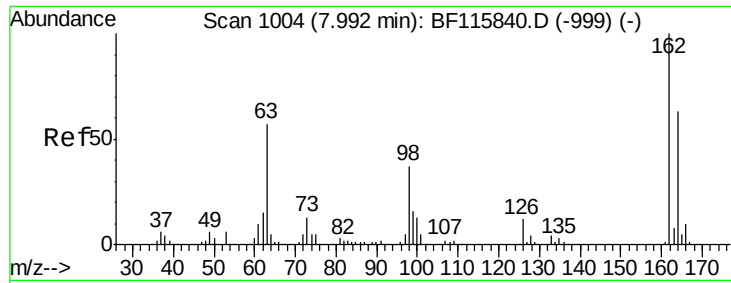
Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Tgt Ion:	93	Resp:	405916
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.2	39.4
123	10.8	9.2	13.8





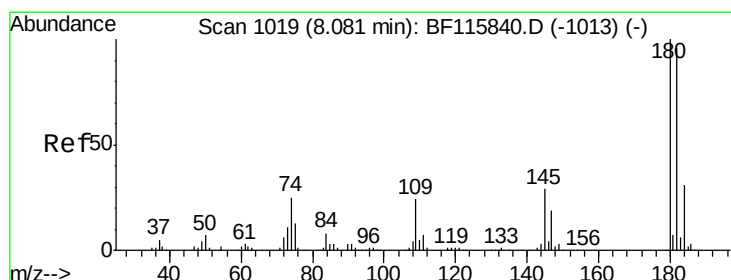
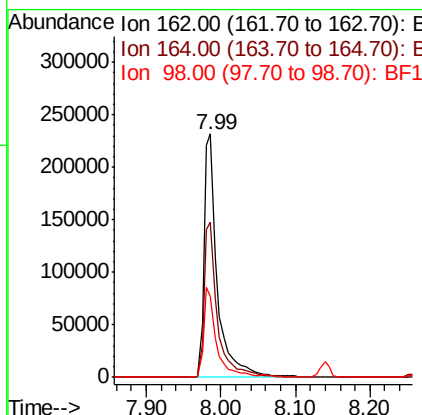
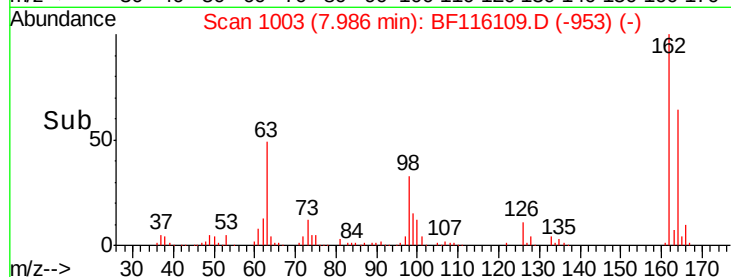
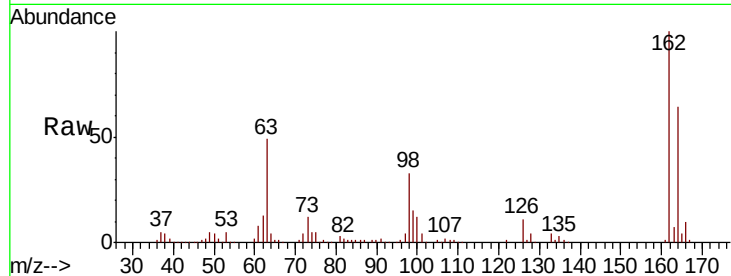
#29
2,4-Dichlorophenol
Concen: 43.496 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	291417		
164	63.6	45.1	85.1	
98	33.4	15.8	55.8	

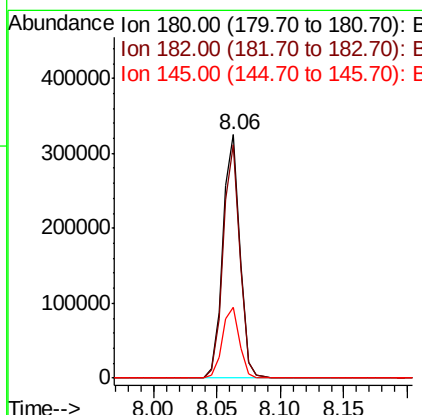
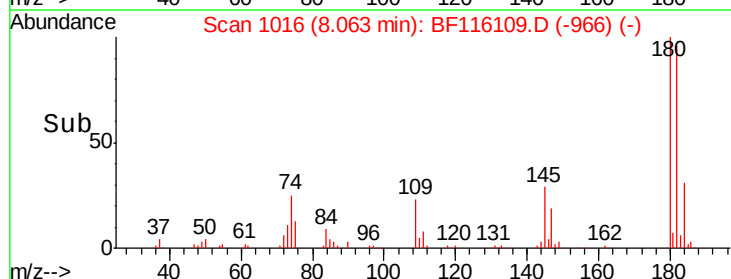
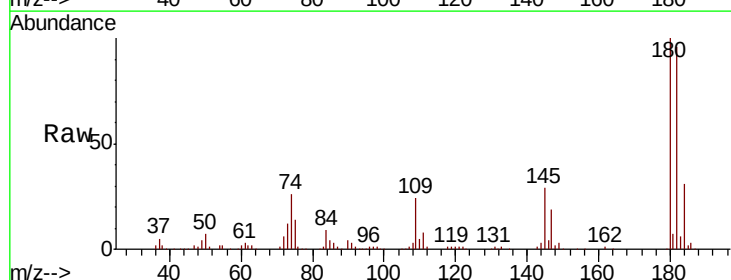
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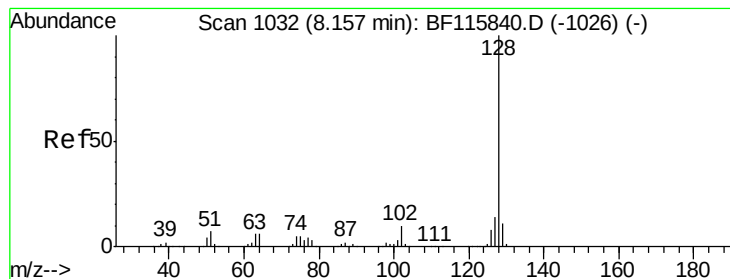
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#30
1,2,4-Trichlorobenzene
Concen: 39.909 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	304795		
182	95.7	75.7	113.5	
145	29.3	24.3	36.5	





#31

Naphthalene

Concen: 42.109 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

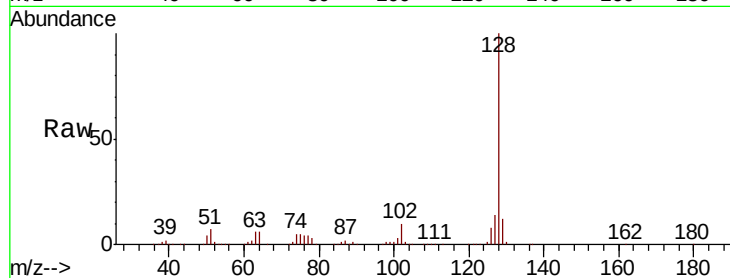
ClientSampled :

TP-AMS

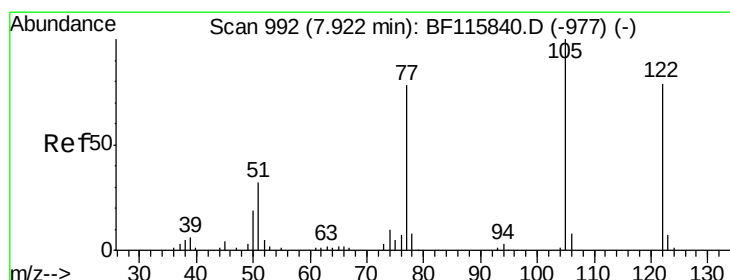
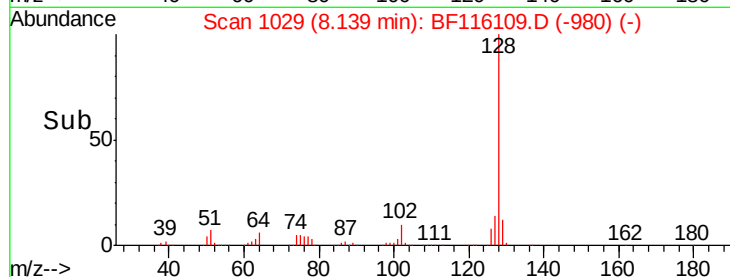
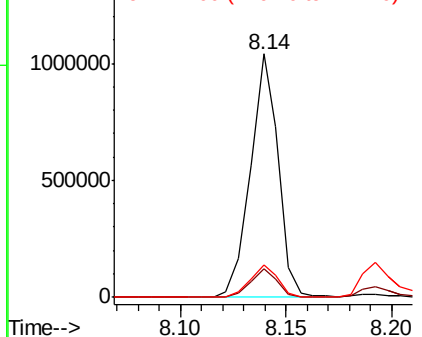
Tot Ion:	128	Resp:	947813
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.3	13.9
127	13.5	11.4	17.0

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



#32

Benzoic acid

Concen: 4.535 ng m

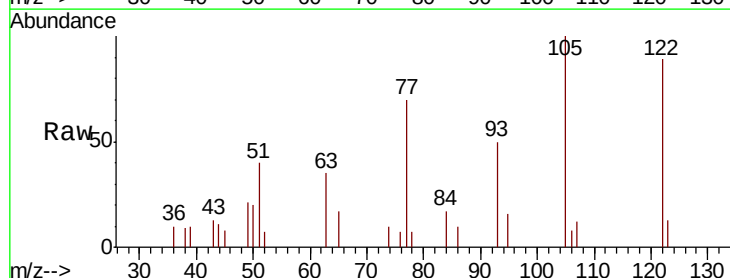
RT: 7.90 min Scan# 989

Delta R.T. -0.04 min

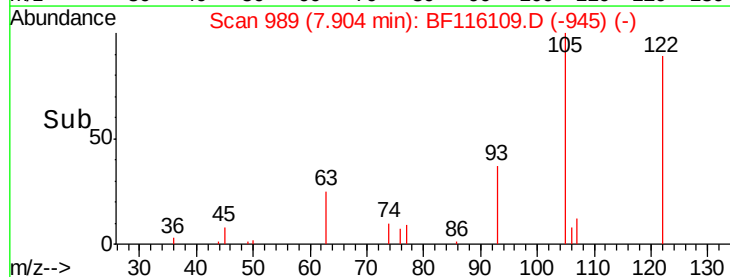
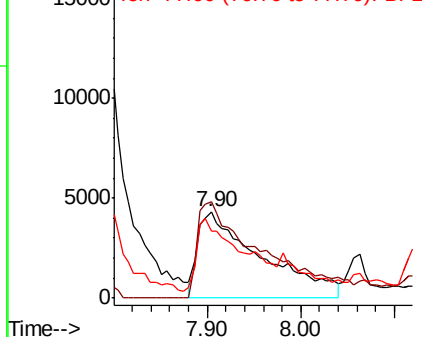
Lab File: BF116109.D

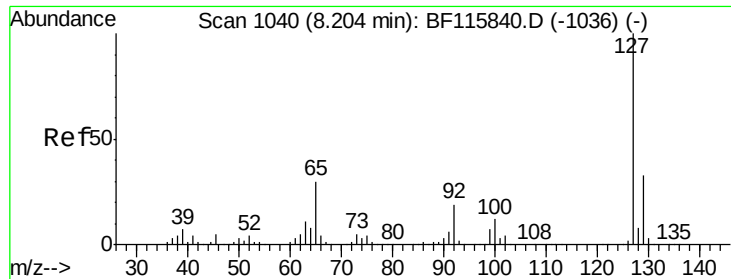
Acq: 9 Aug 2019 13:25

Tgt Ion:	122	Resp:	20288
Ion Ratio	Lower	Upper	
122	100		
105	112.1	106.1	146.1
77	78.1	76.7	116.7



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





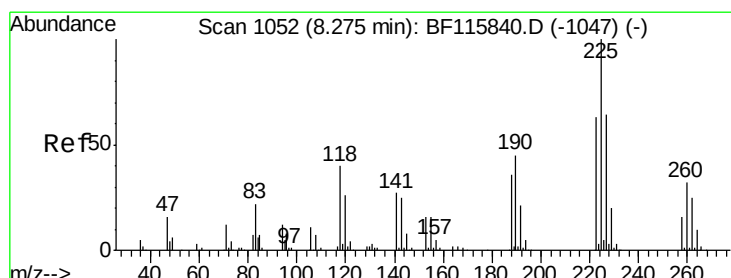
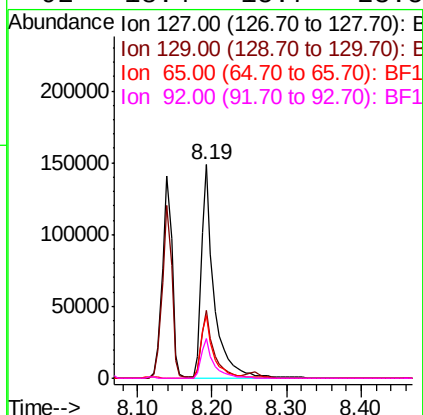
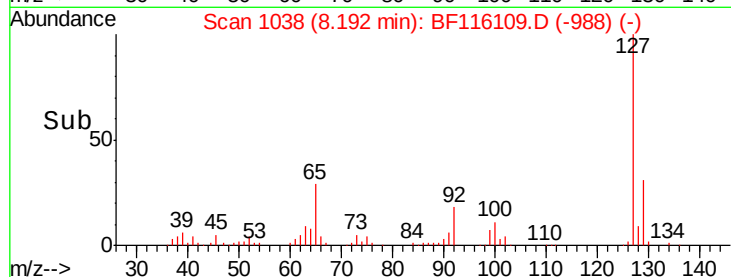
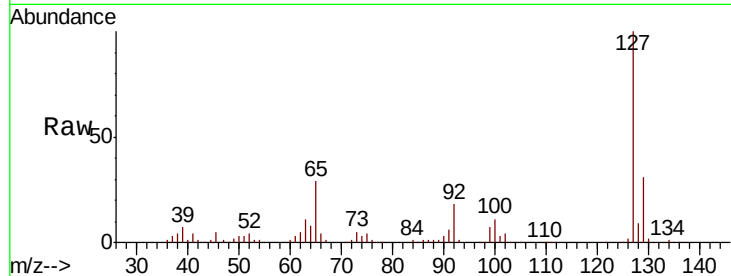
#33
4-Chloroaniline
Concen: 17.788 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	178891		
129	31.5	26.1	39.1	
65	29.2	24.9	37.3	
92	18.4	15.7	23.5	

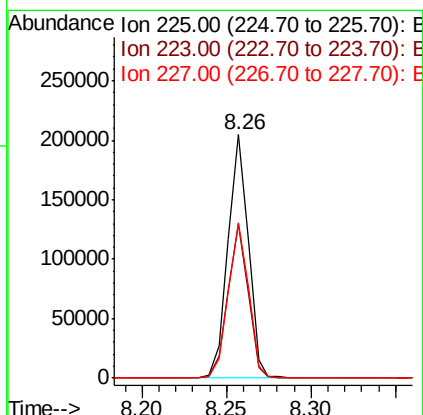
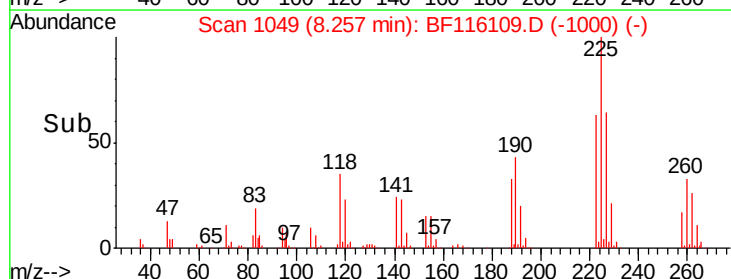
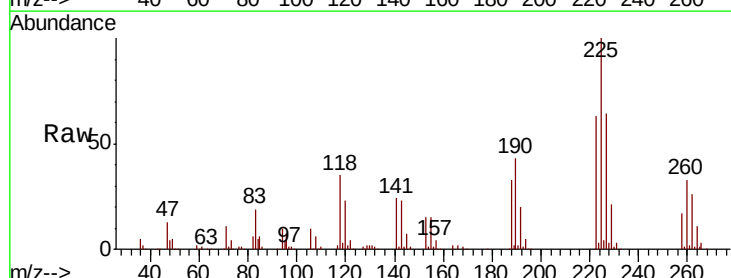
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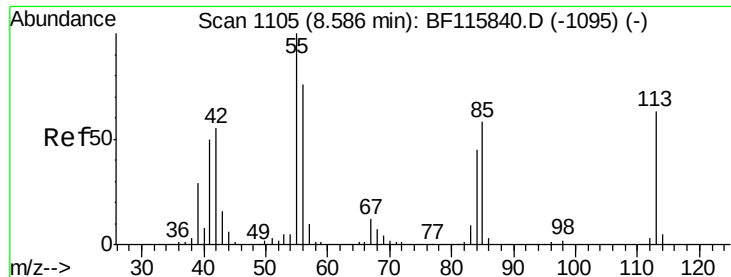
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#34
Hexachlorobutadiene
Concen: 38.967 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171414		
223	63.1	50.0	75.0	
227	63.5	51.0	76.4	





#35

Caprolactam

Concen: 40.681 ng/mL

RT: 8.56 min Scan# 1101

Delta R.T. -0.03 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

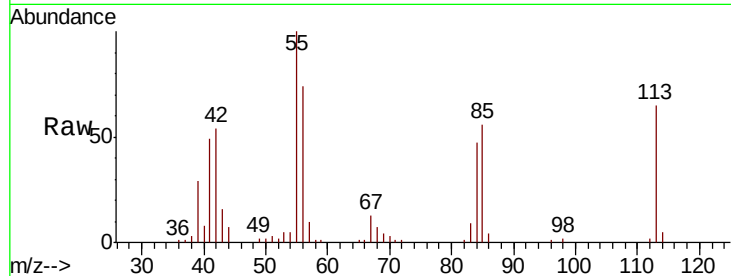
ClientSampled :

TP-AMS

Tot Ion:	113	Resp:	88153
Ion Ratio	Lower	Upper	
113	100		
55	154.1	144.3	184.3
56	114.7	97.1	137.1

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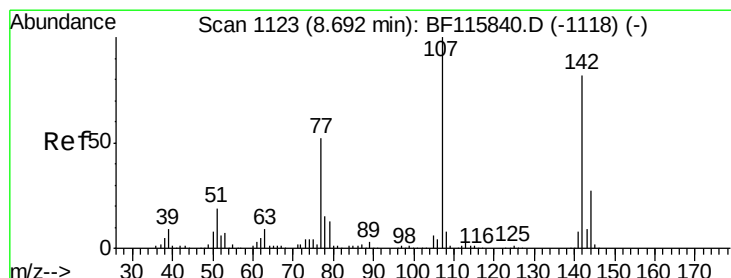
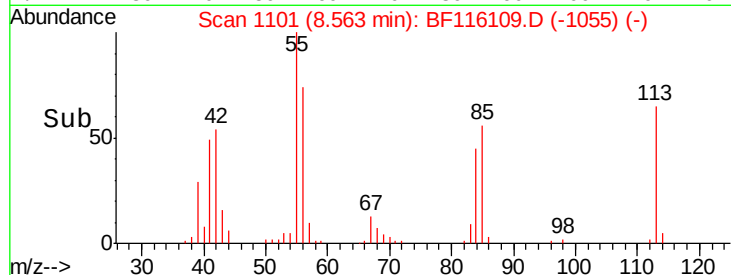
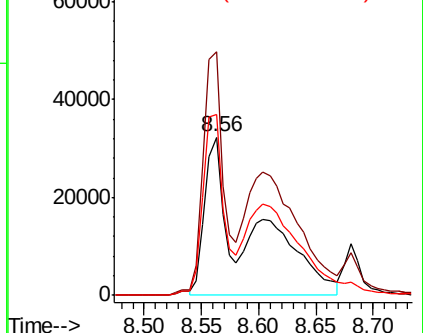
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 43.790 ng/mL

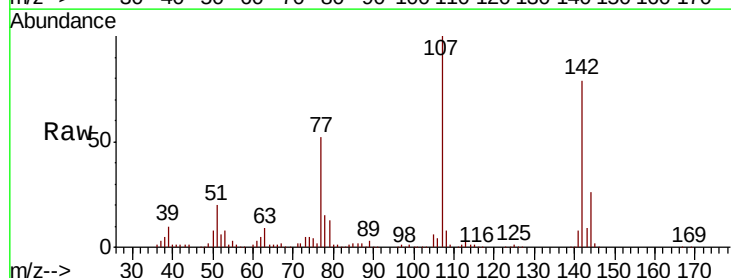
RT: 8.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

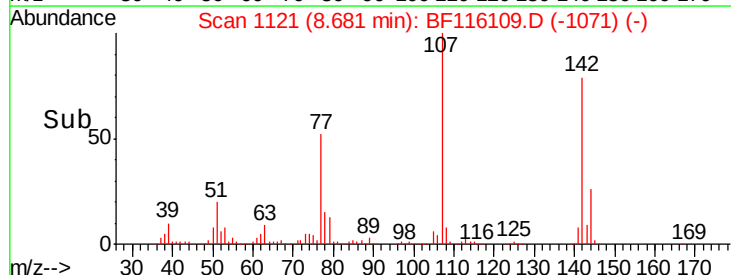
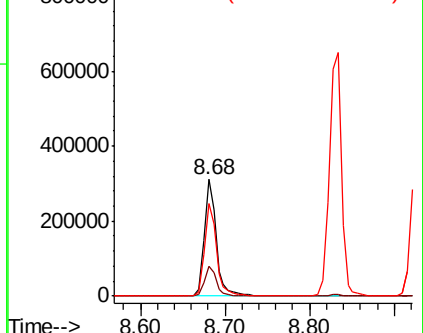
Tgt Ion:	107	Resp:	305214
Ion Ratio	Lower	Upper	
107	100		
144	25.6	20.2	30.2
142	78.9	61.7	92.5

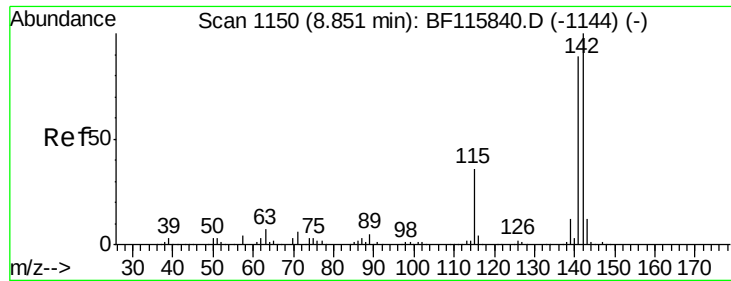


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





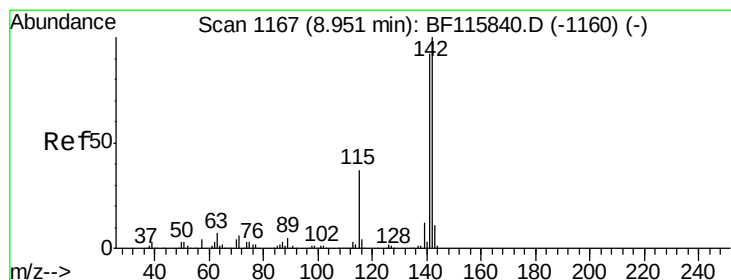
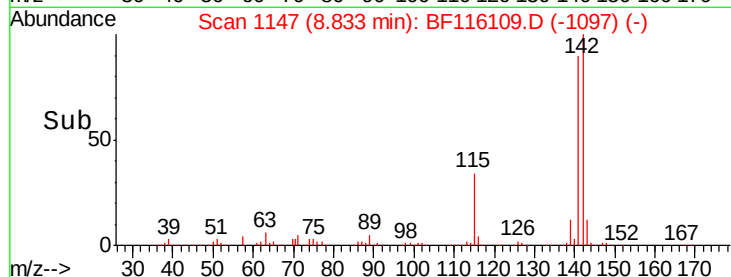
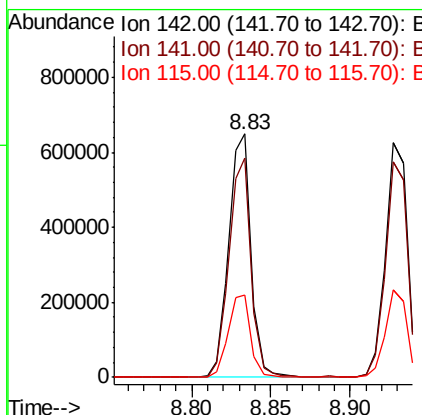
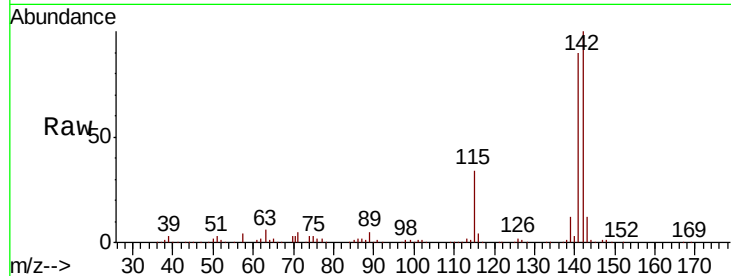
#37
2-Methylnaphthalene
Concen: 42.734 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.9	106.3
115	33.8	29.0	43.6

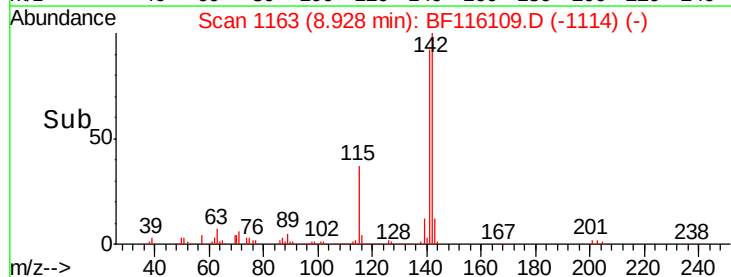
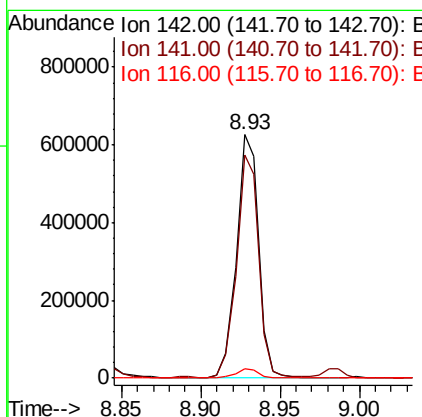
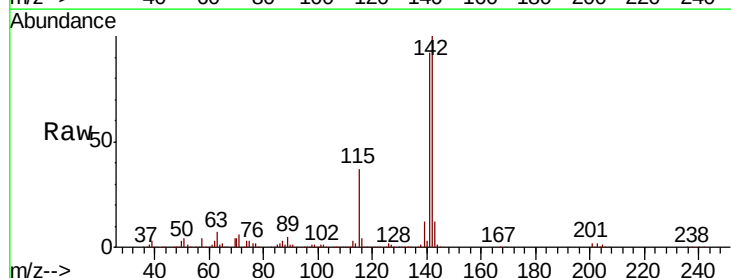
Manual Integrations
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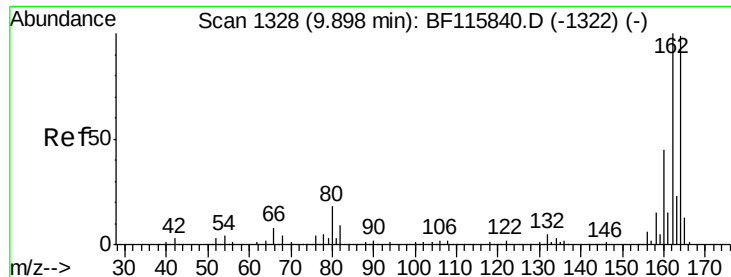
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#38
1-Methylnaphthalene
Concen: 42.643 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.4	111.6
116	3.9	3.1	4.7





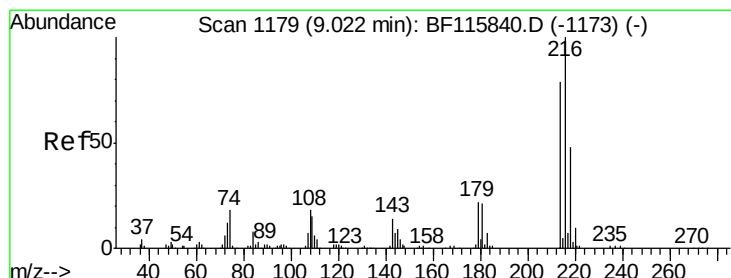
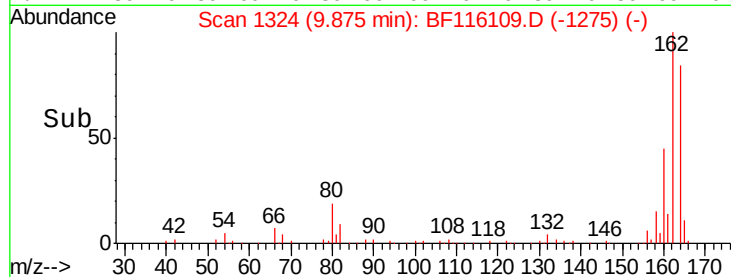
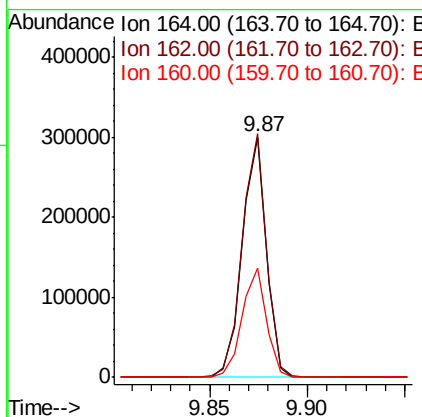
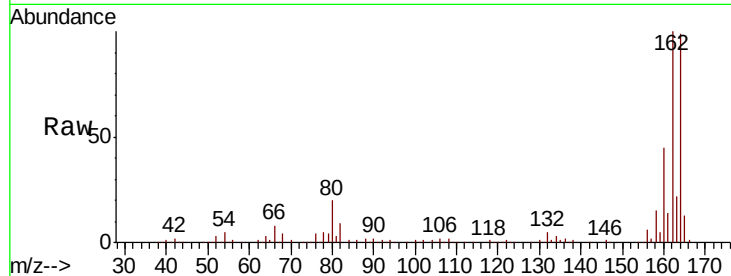
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Tot Ion:	164	Resp:	257355
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.6	124.0
160	45.4	37.6	56.4

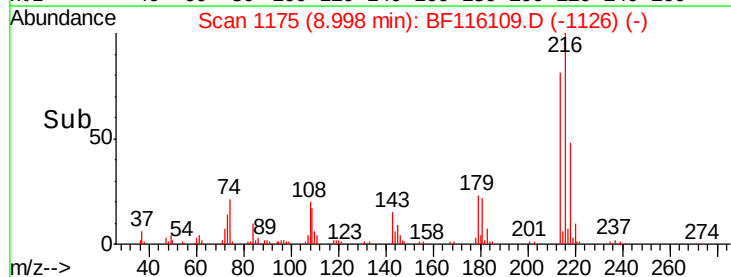
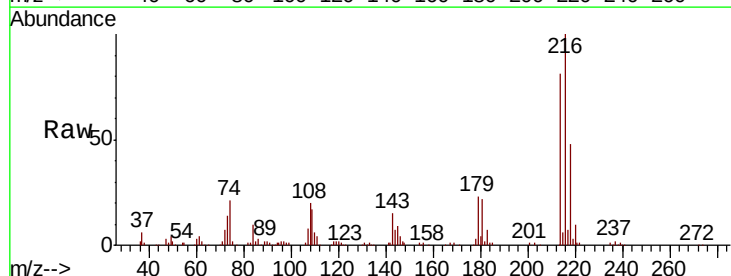
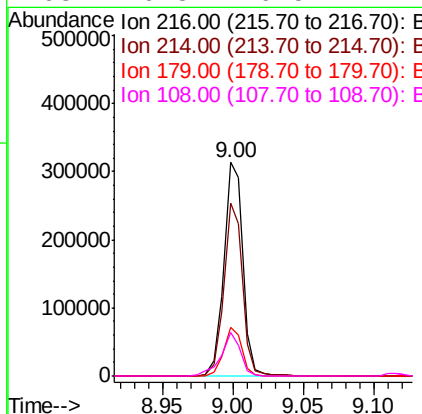
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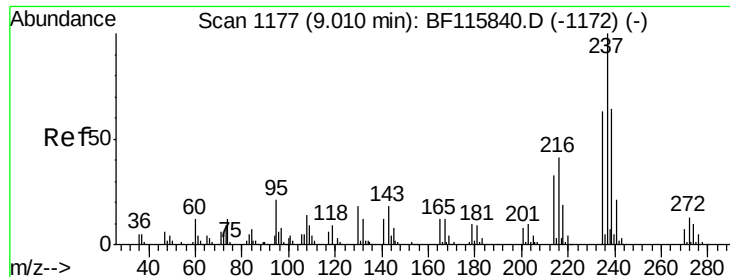
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.505 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion:	216	Resp:	292438
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.6	95.4
179	21.7	17.8	26.8
108	20.8	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 56.402 ng

RT: 8.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

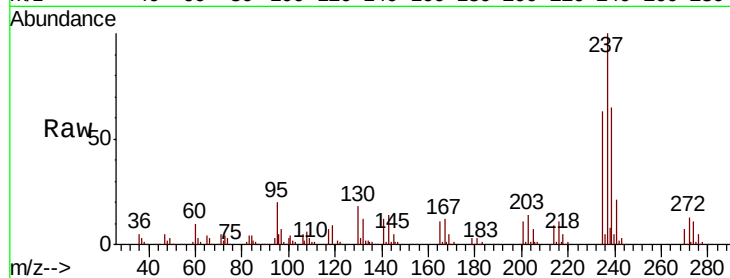
ClientSampled :

TP-AMS

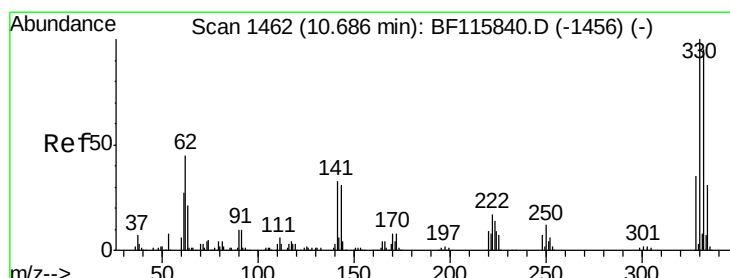
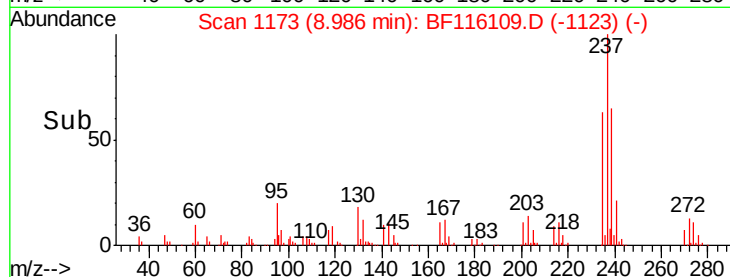
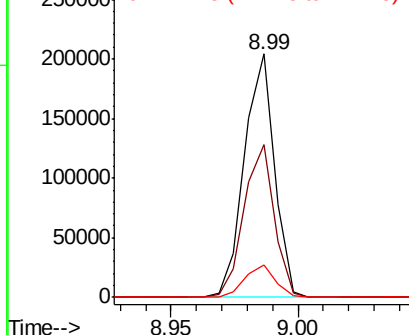
Tot Ion:	237	Resp:	168382
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.4	83.4
272	13.4	0.0	33.2

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



#42

2,4,6-Tribromophenol

Concen: 132.384 ng

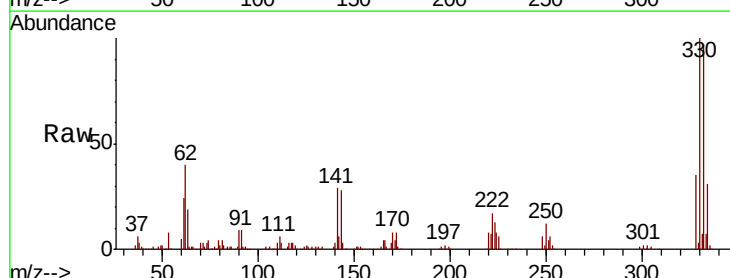
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

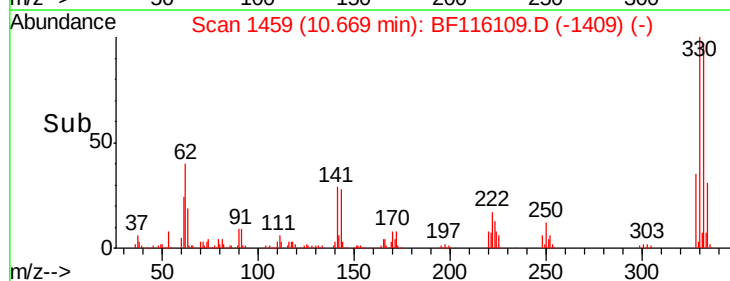
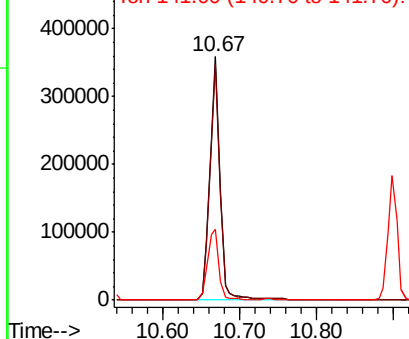
Lab File: BF116109.D

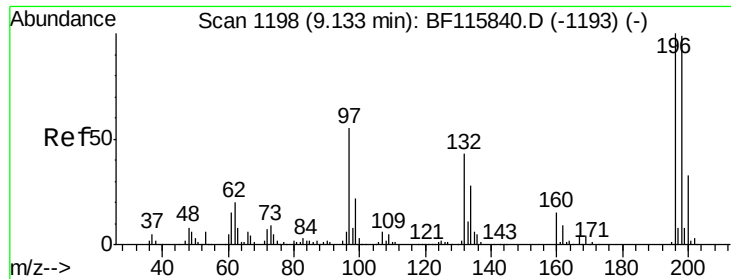
Acq: 9 Aug 2019 13:25

Tgt Ion:	330	Resp:	330315
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.8	115.2
141	32.2	26.3	39.5



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





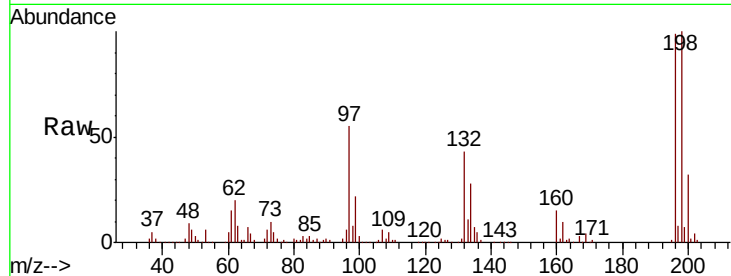
#43
 2,4,6-Trichlorophenol
 Concen: 39.592 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	187495		
198	100.6	79.2	118.8	
200	32.2	25.2	37.8	

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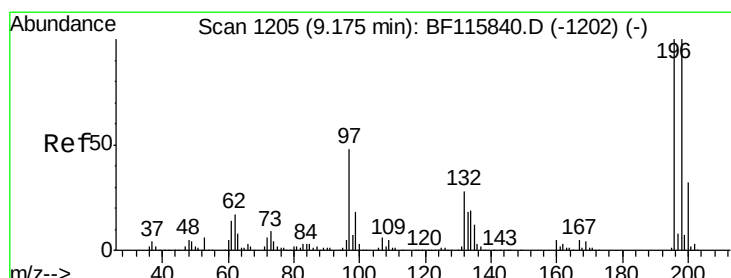
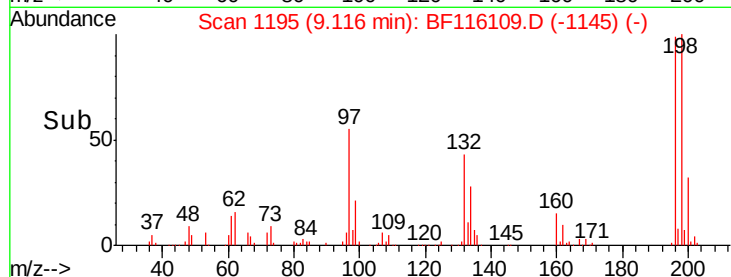
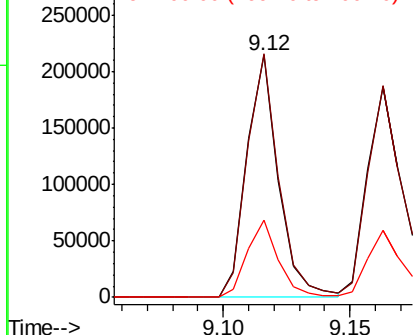


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.471 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203011		
198	100.7	78.8	118.2	
97	50.3	42.2	63.4	
132	29.7	24.0	36.0	

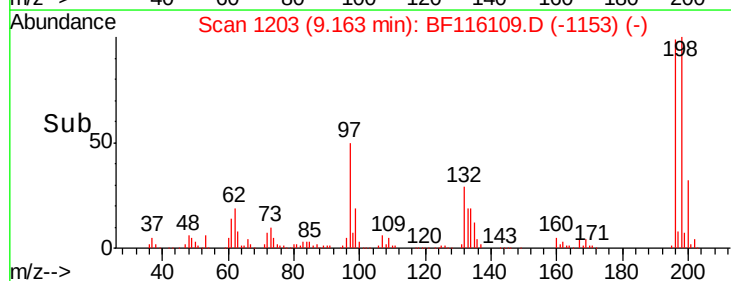
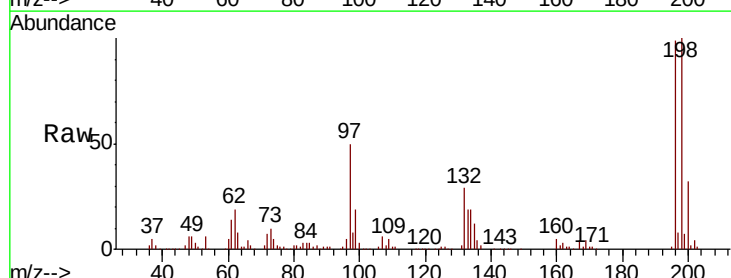
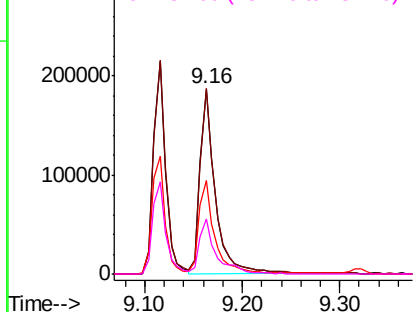
Abundance

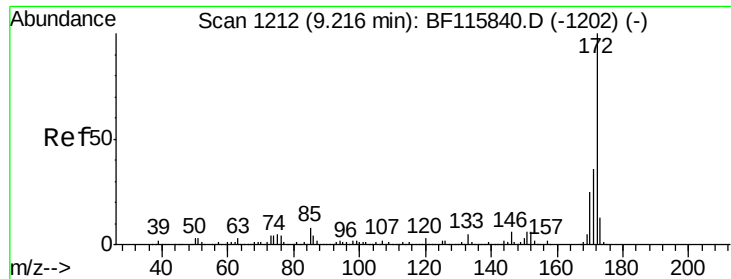
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





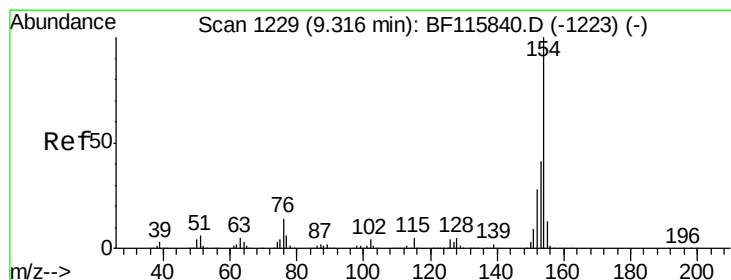
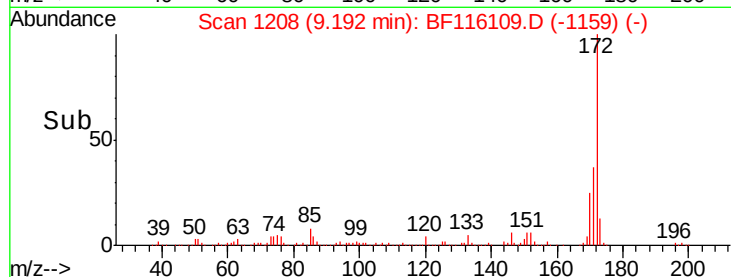
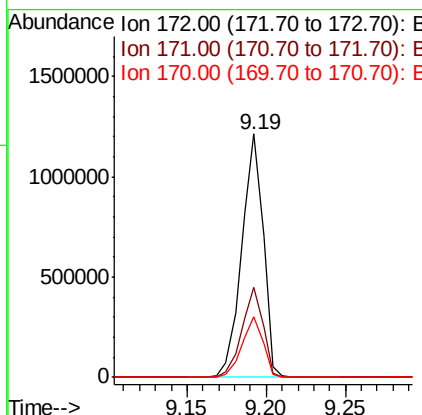
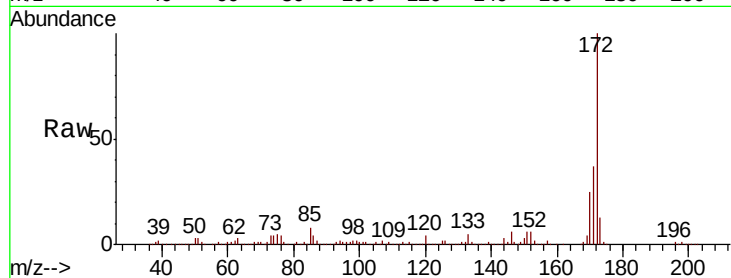
#45
2-Fluorobiphenyl
Concen: 82.552 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.6	20.1	30.1

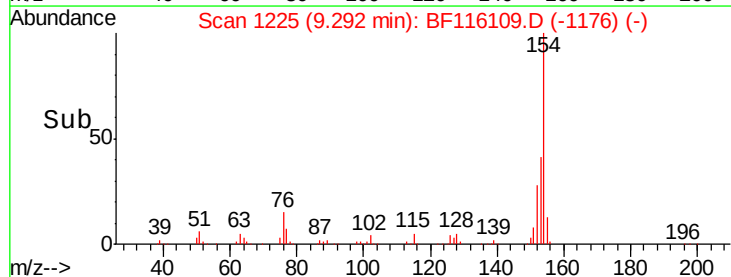
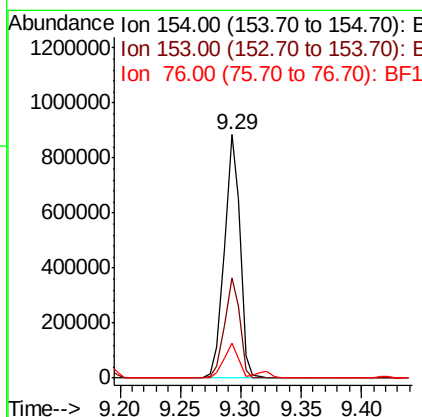
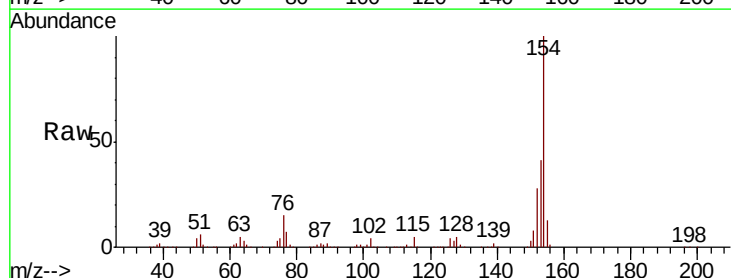
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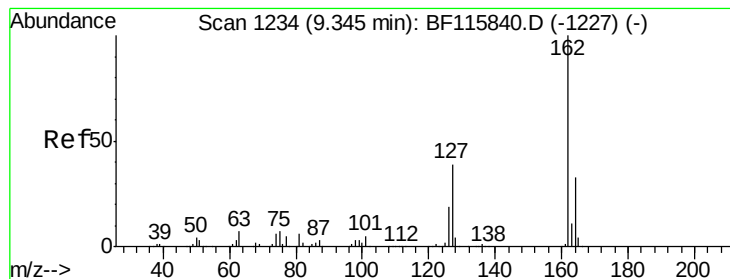
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#46
1,1'-Biphenyl
Concen: 43.324 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.4	61.4
76	14.6	0.0	35.2





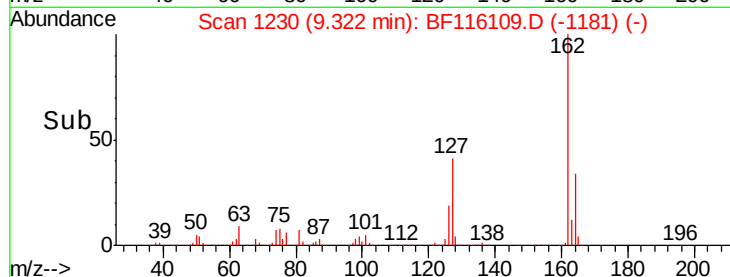
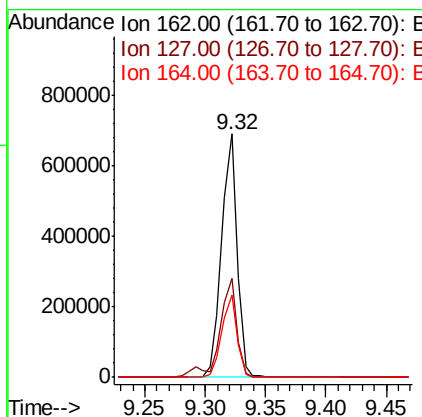
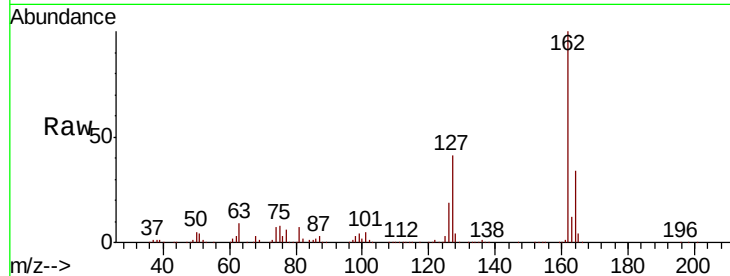
#47
 2-Chloronaphthalene
 Concen: 40.572 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	613532		
127	40.7	32.8	49.2	
164	33.8	26.6	39.8	

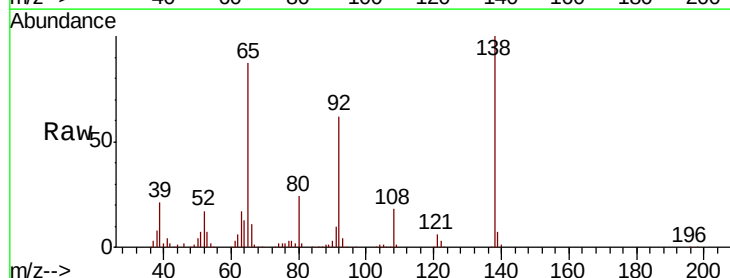
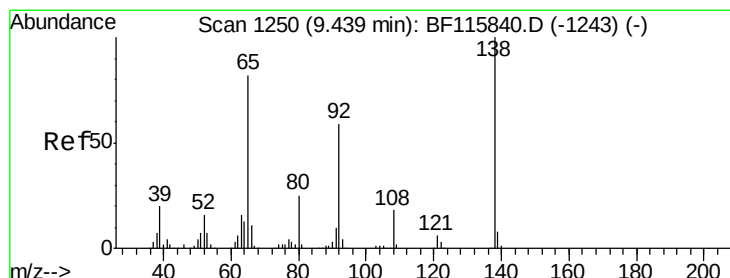
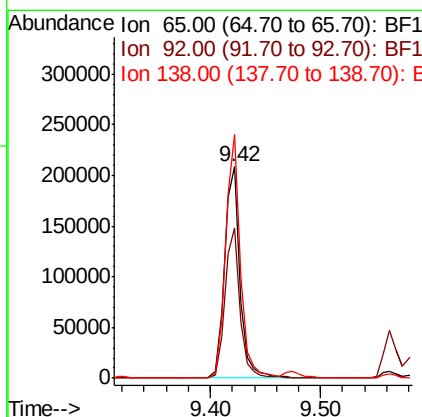
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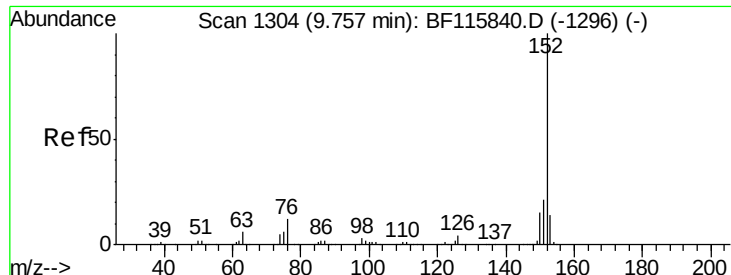
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#48
 2-Nitroaniline
 Concen: 40.817 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	204023		
92	71.0	57.8	86.8	
138	115.2	94.0	141.0	





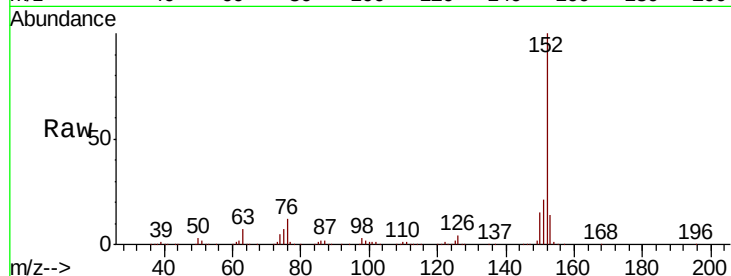
#49
Acenaphthylene
Concen: 43.052 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :
TP-AMS

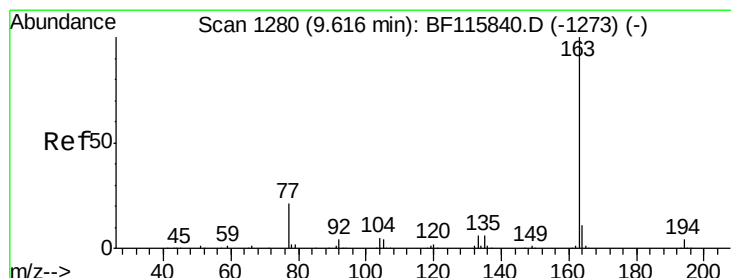
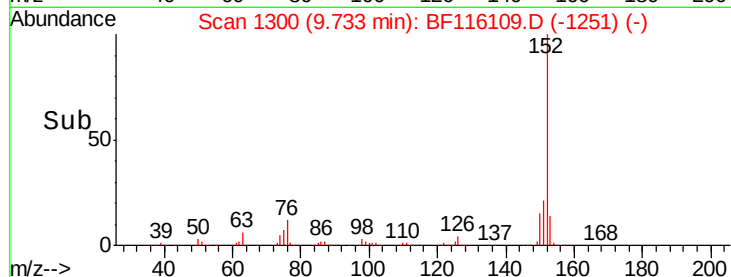
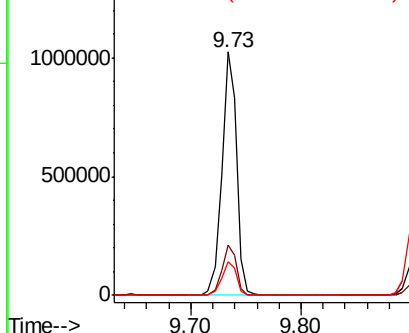
Tot Ion:	152	Resp:	949811
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.2	25.8
153	14.0	11.8	17.8

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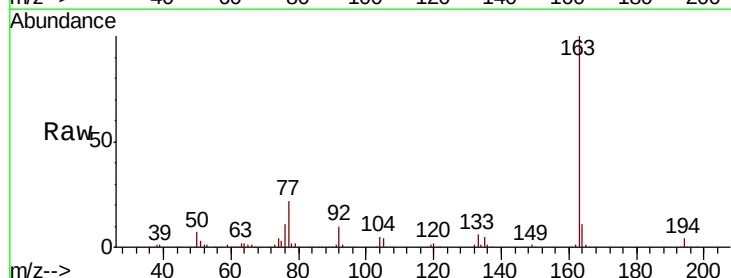


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

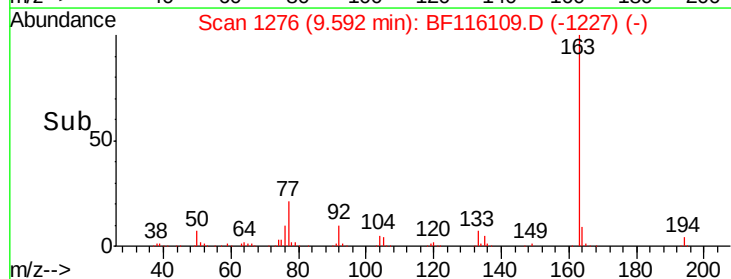
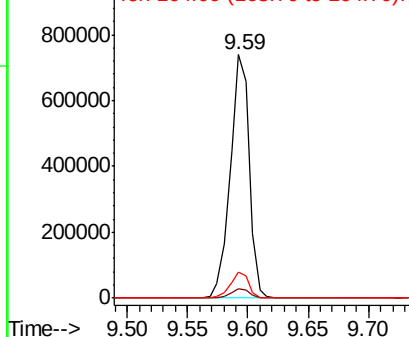


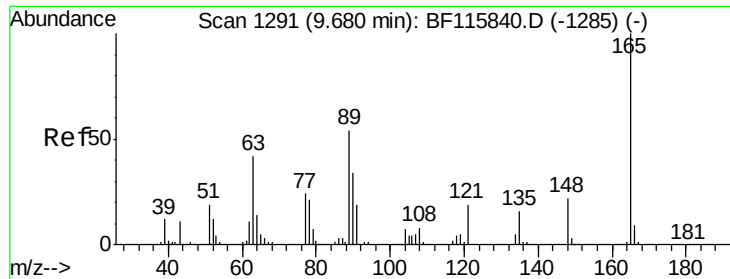
#50
Dimethylphthalate
Concen: 46.217 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:	163	Resp:	809857
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.0	4.6
164	10.6	8.4	12.6



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





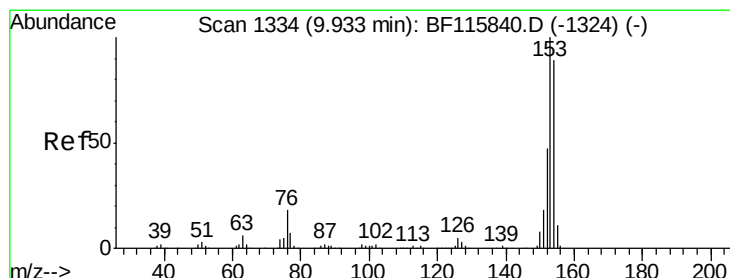
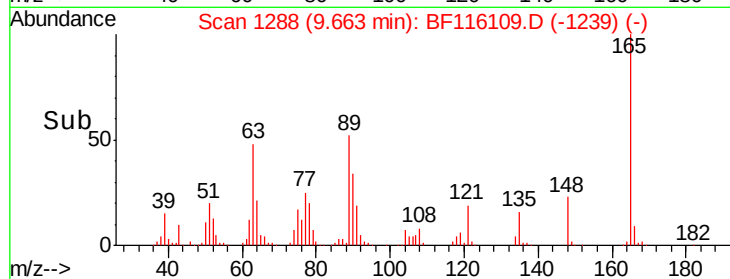
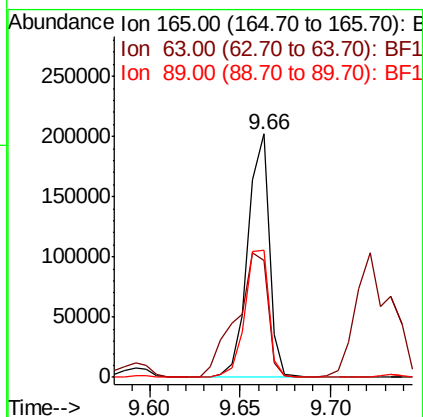
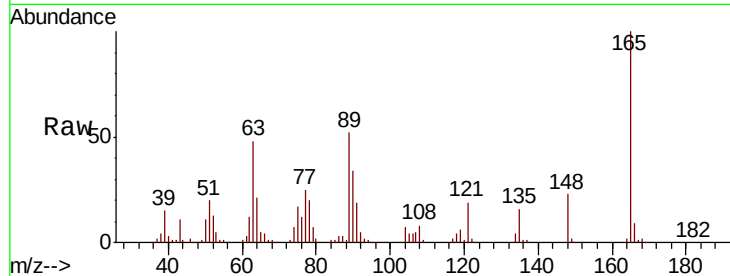
#51
2,6-Dinitrotoluene
Concen: 43.666 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	166283		
63	47.8	38.2	57.2	
89	52.0	42.9	64.3	

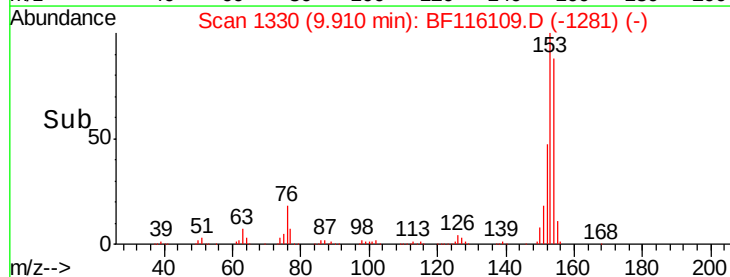
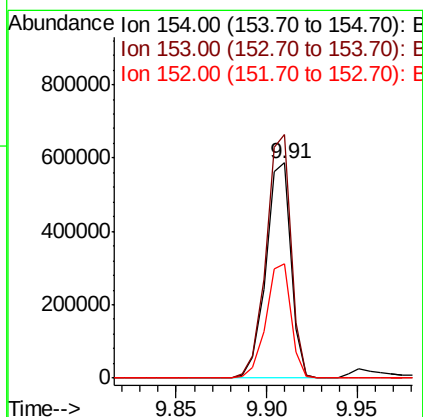
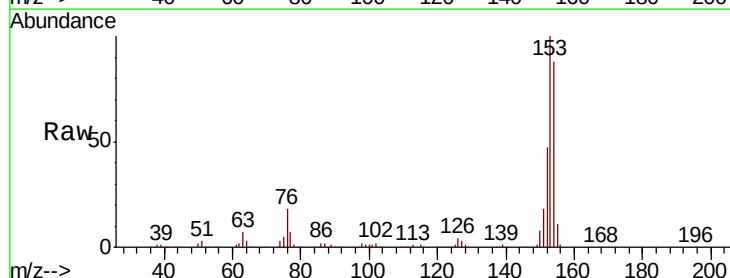
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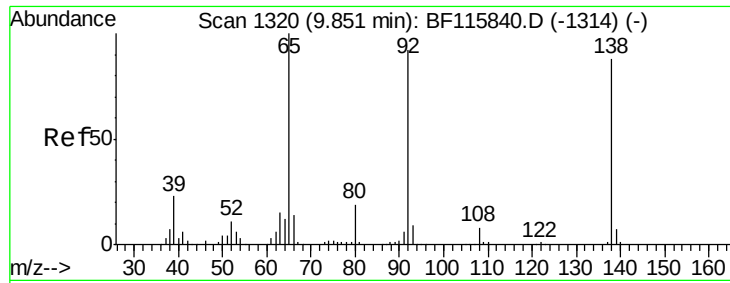
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#52
Acenaphthene
Concen: 41.816 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	565958		
153	113.2	89.4	134.0	
152	53.4	42.3	63.5	





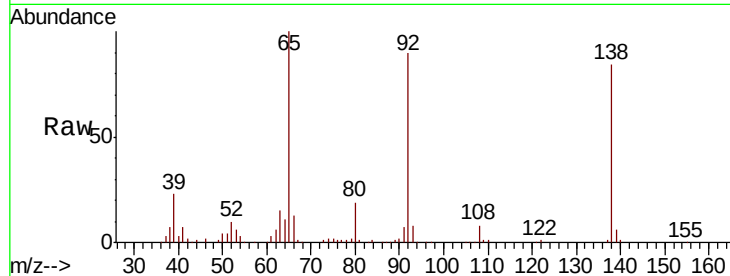
#53
3-Nitroaniline
Concen: 27.276 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TP-AMS

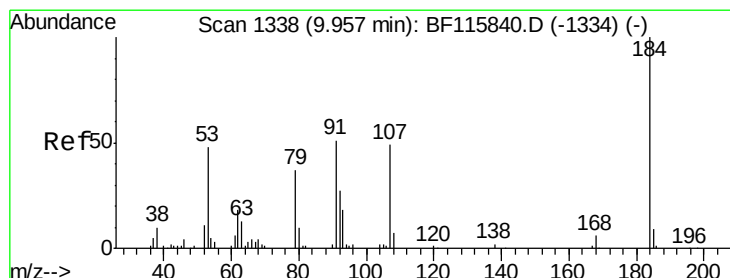
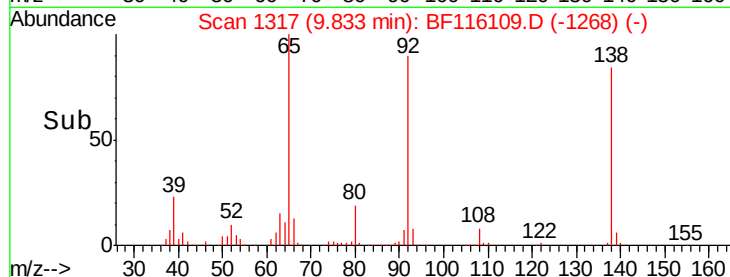
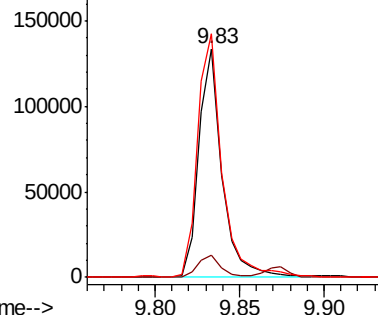
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	8.0	12.0
92	106.5	91.0	136.6

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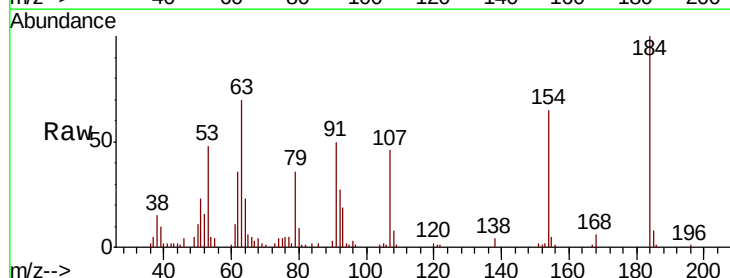


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

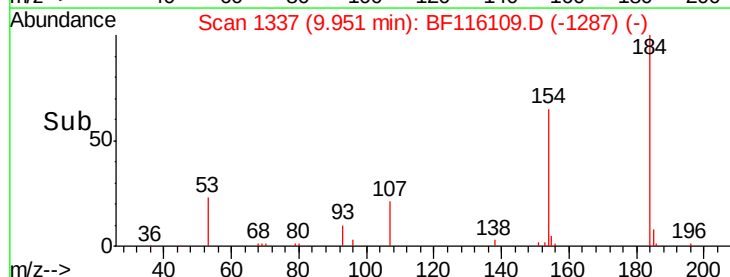
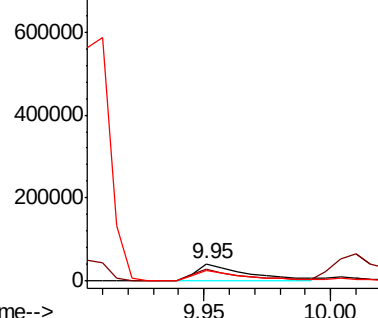


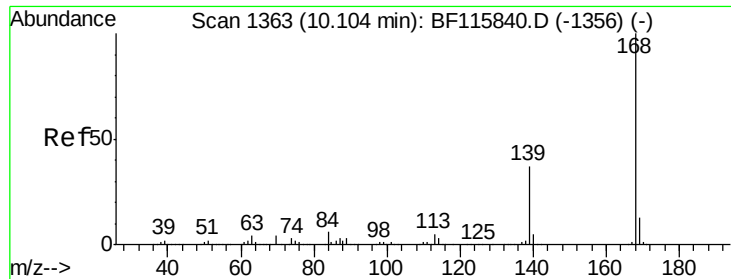
#54
2,4-Dinitrophenol
Concen: 35.106 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.6	53.0	79.4
154	64.6	50.1	75.1



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





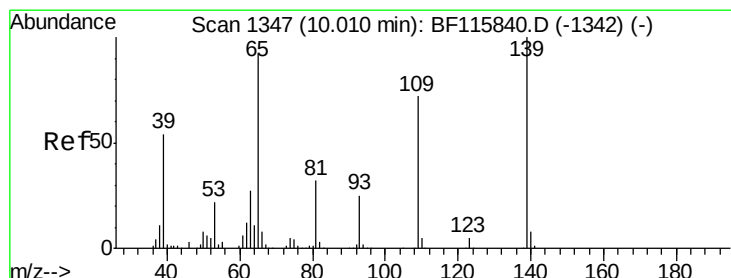
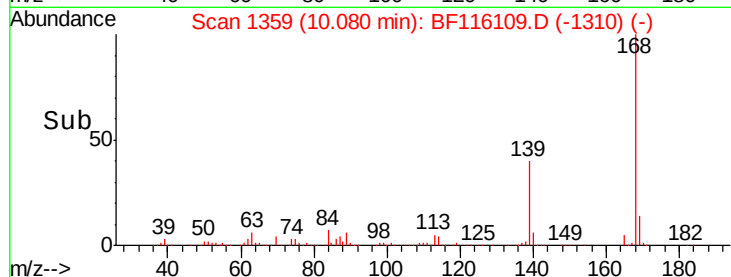
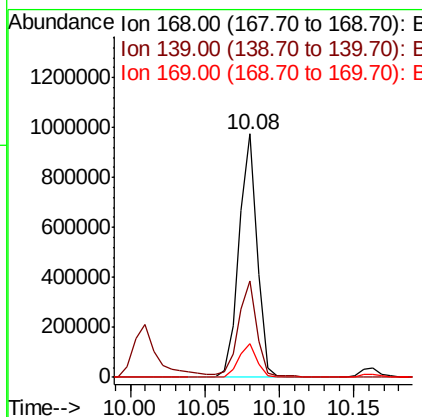
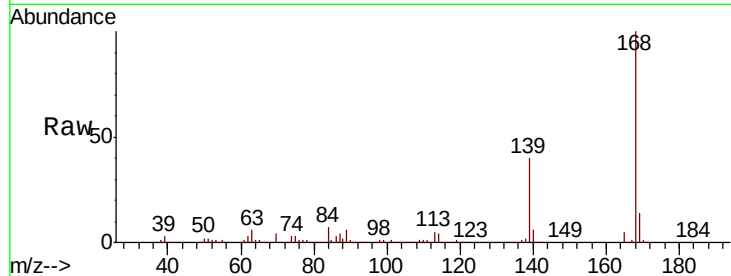
#55
Dibenzofuran
Concen: 42.065 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.8	31.4	47.2
169	13.9	10.9	16.3

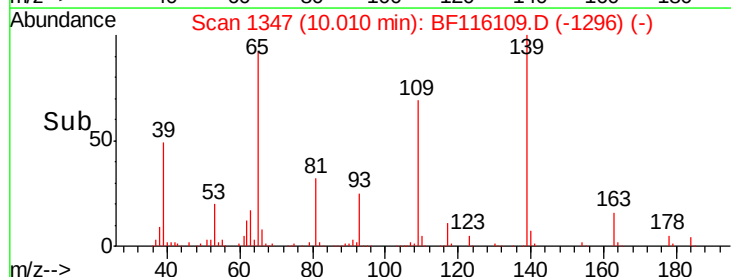
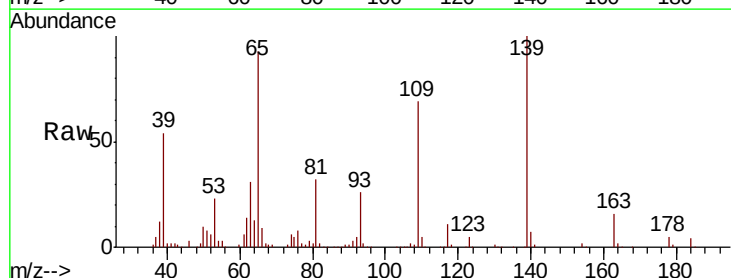
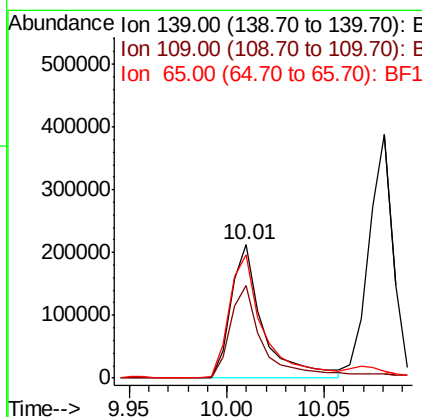
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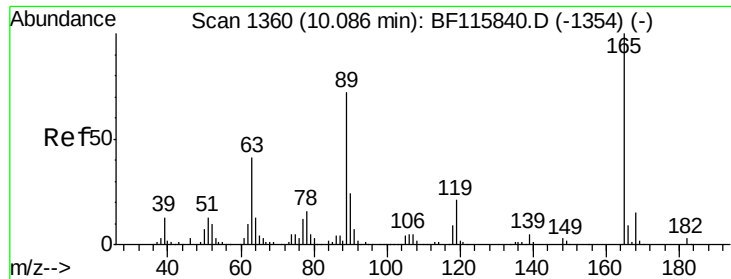
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#56
4-Nitrophenol
Concen: 80.374 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	54.4	94.4
65	92.8	80.6	120.6





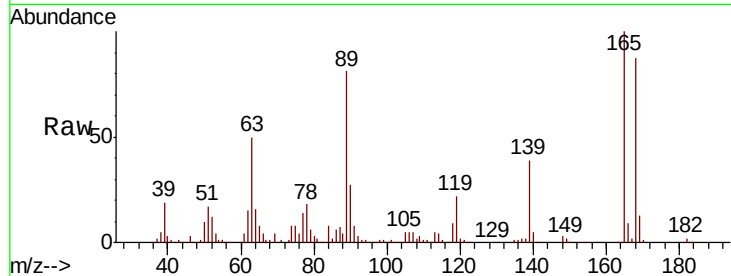
#57
 2,4-Dinitrotoluene
 Concen: 42.875 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

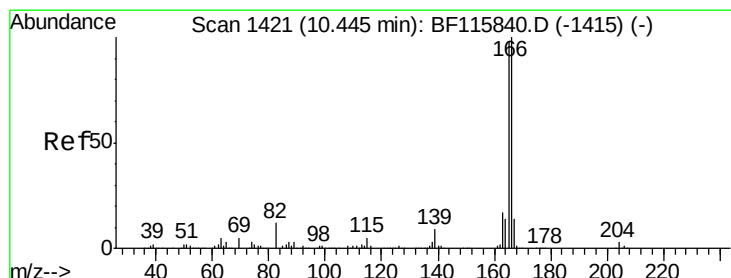
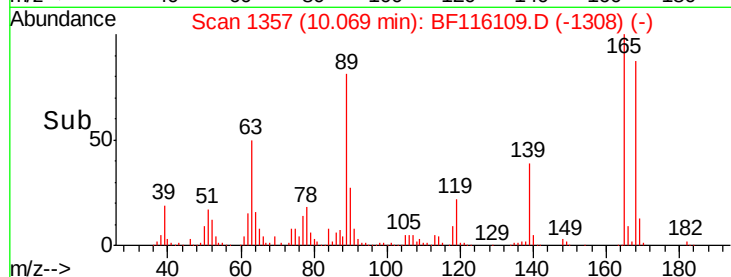
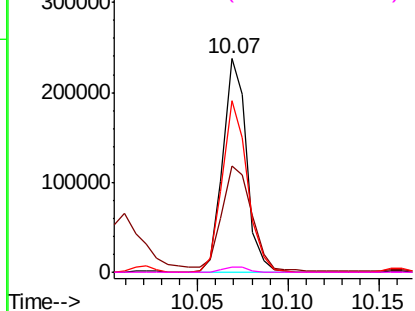
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		217379		
63	49.8	39.6	59.4		
89	80.6	62.2	93.2		
182	2.4	2.1	3.1		

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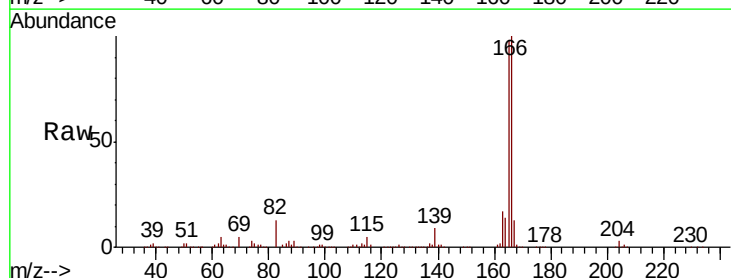


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

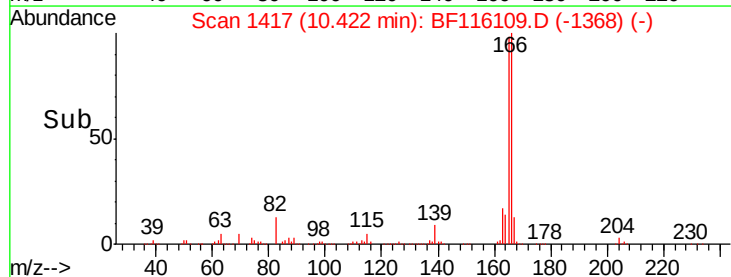
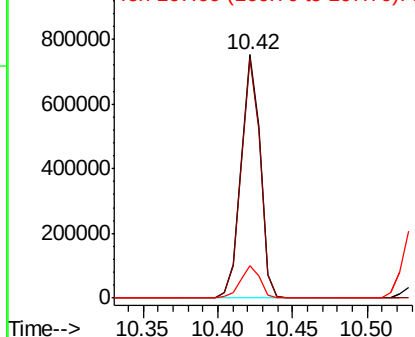


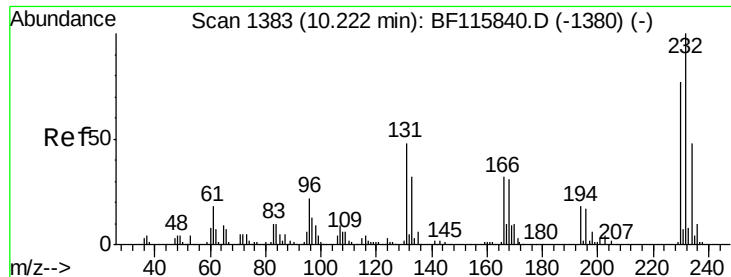
#58
 Fluorene
 Concen: 44.209 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		669475		
165	98.5	78.4	117.6		
167	13.3	11.0	16.4		



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





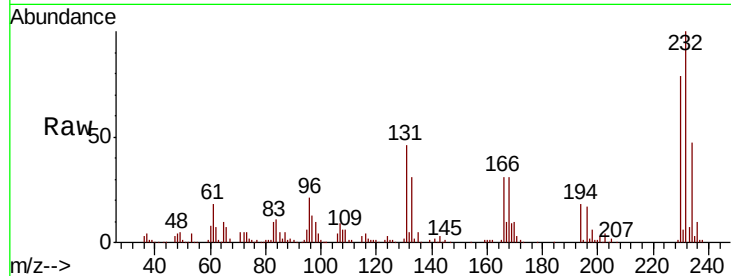
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.326 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	178438		
131	43.4	36.2	54.2	
130	2.2	1.9	2.9	
166	28.8	23.0	34.4	

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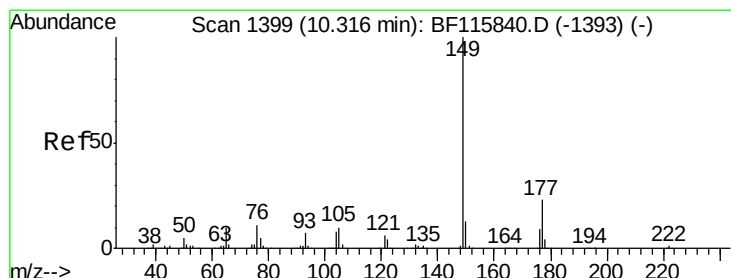
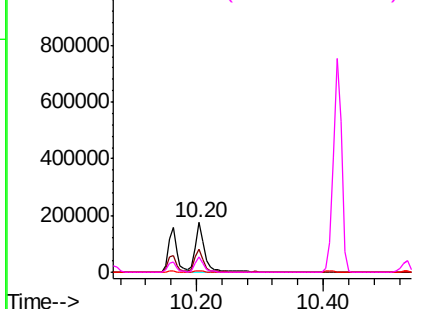
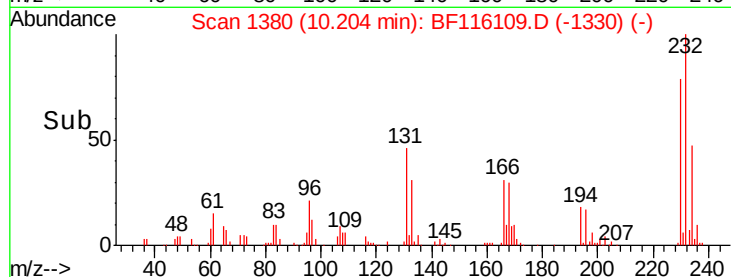
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

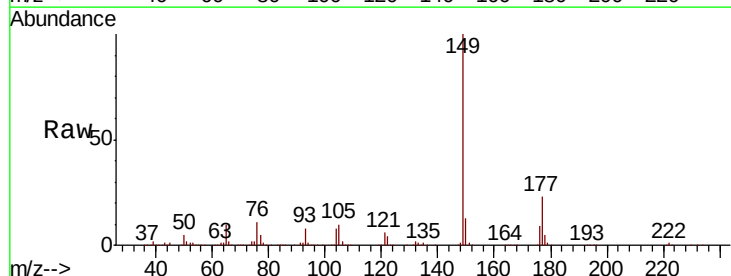
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 43.427 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	710457		
177	23.1	18.8	28.2	
150	12.9	10.2	15.4	

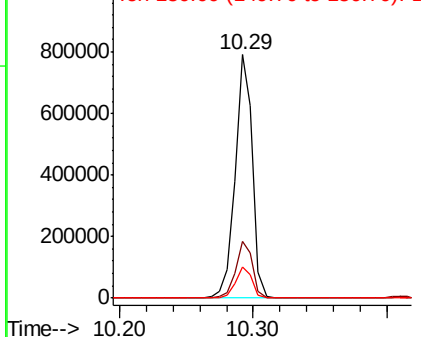
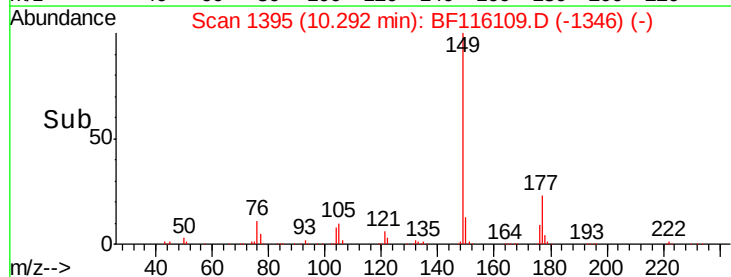


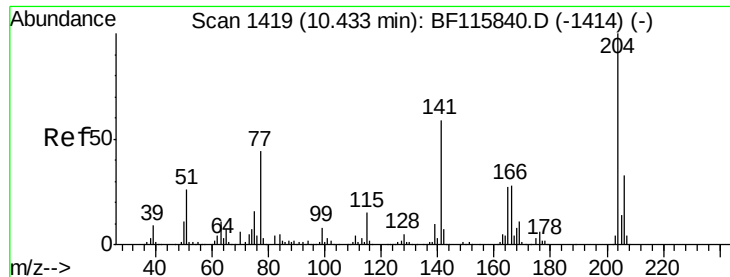
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





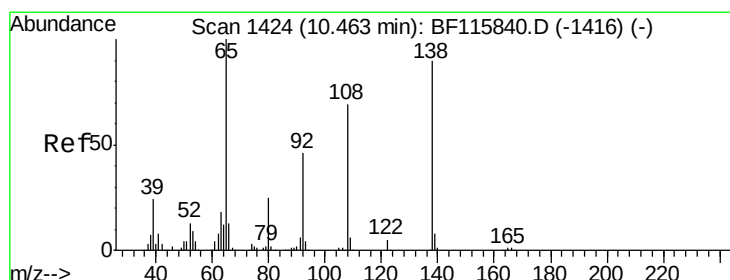
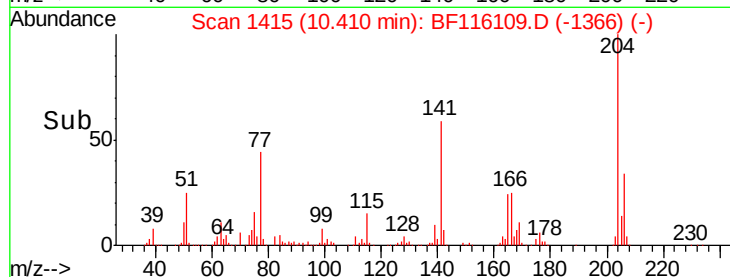
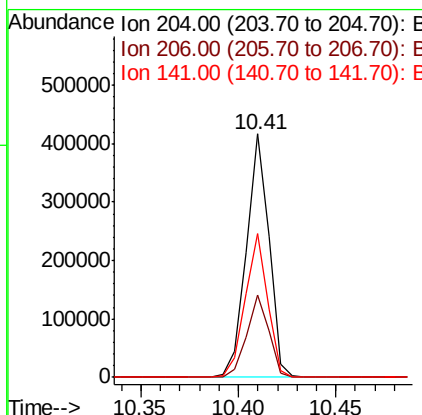
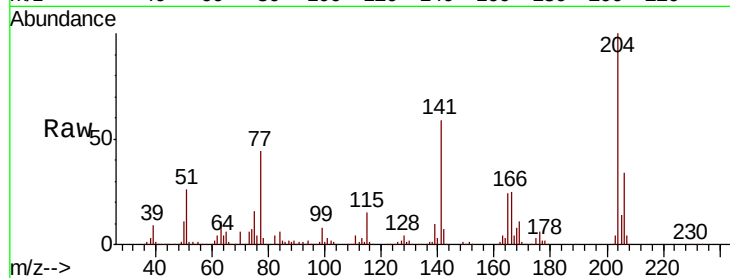
#61
4-Chlorophenyl-phenylether
Concen: 43.665 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.4	39.6
141	59.2	46.4	69.6

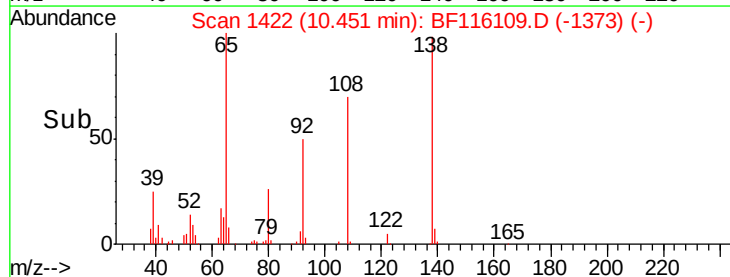
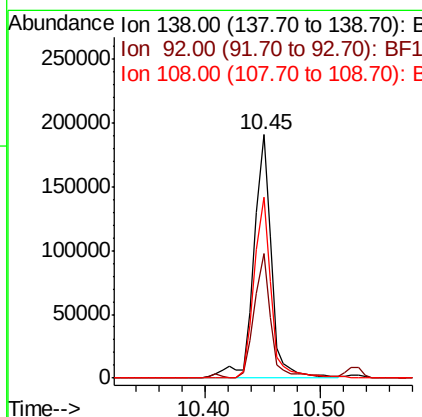
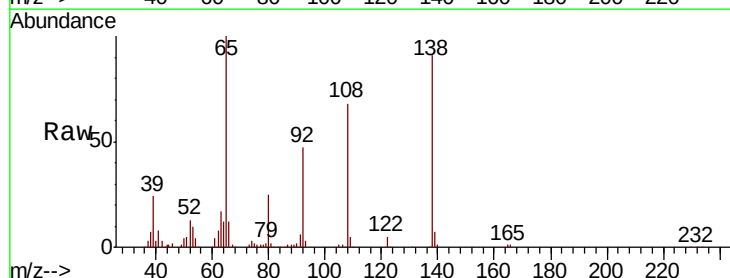
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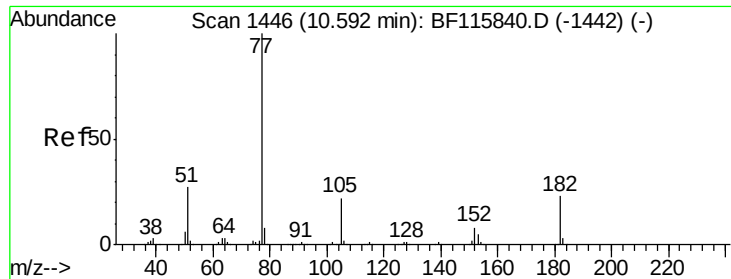
Sohil
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#62
4-Nitroaniline
Concen: 41.808 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	29.0	69.0
108	74.5	54.7	94.7





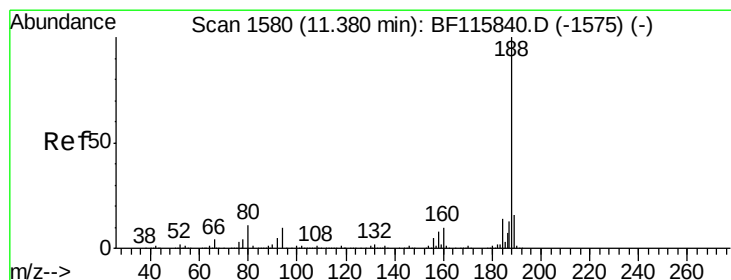
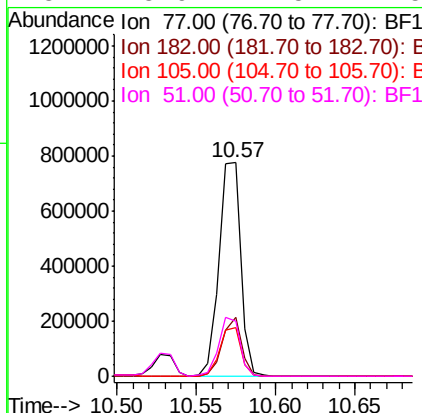
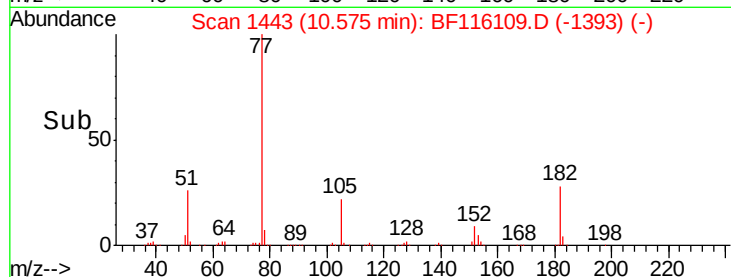
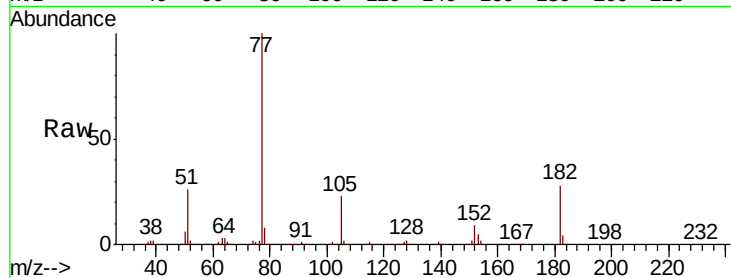
#63
Azobenzene
Concen: 43.747 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.6	4.0	44.0
105	23.0	2.0	42.0
51	25.9	7.5	47.5

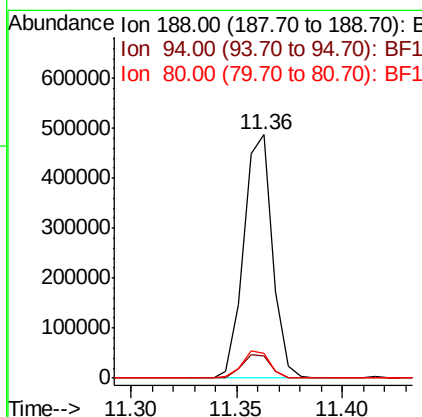
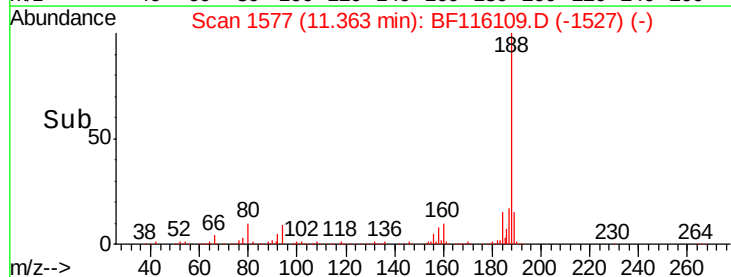
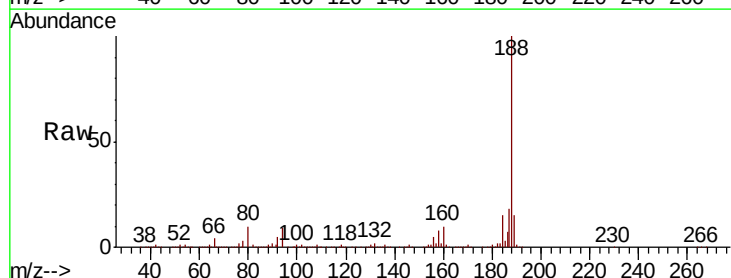
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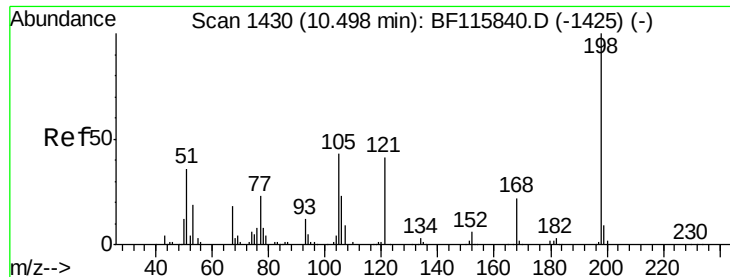
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	10.1	8.7	13.1





#65

4,6-Dinitro-2-methylphenol

Concen: 33.409 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

ClientSampled :

TP-AMS

Tot Ion:198 Resp: 81474

Ion Ratio Lower Upper

198 100

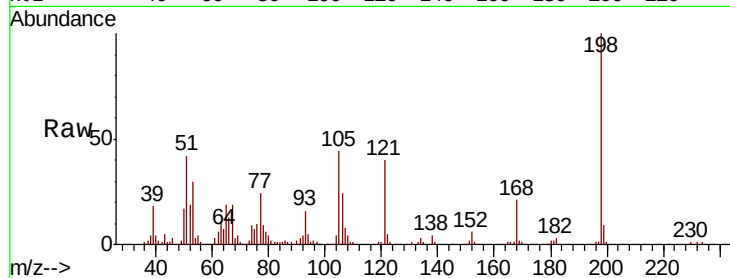
51 41.8 17.0 57.0

105 43.9 21.6 61.6

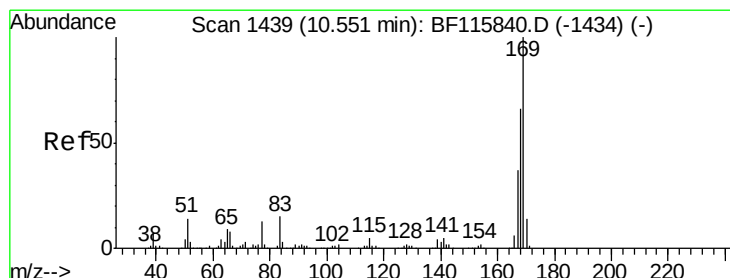
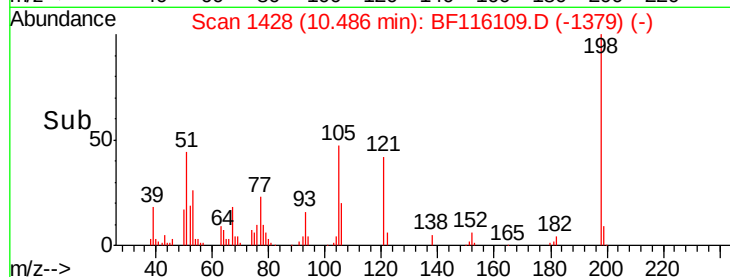
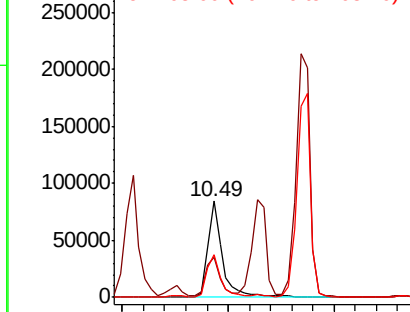
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.260 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

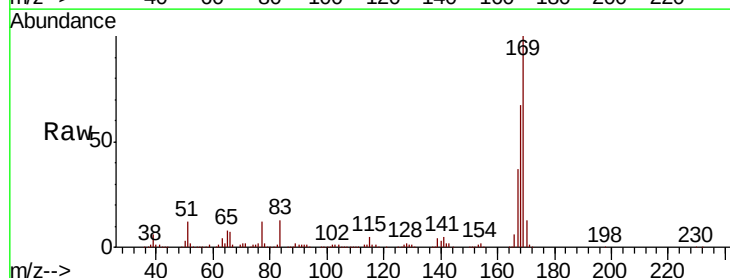
Tgt Ion:169 Resp: 599192

Ion Ratio Lower Upper

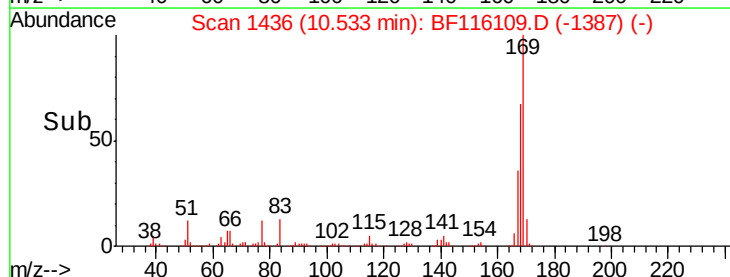
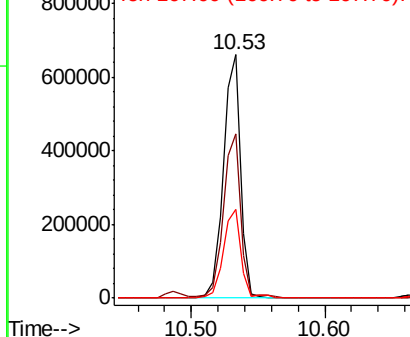
169 100

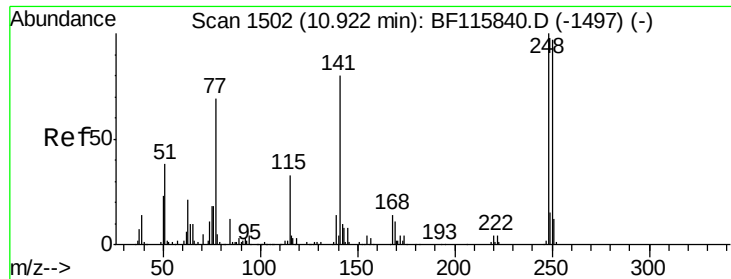
168 67.3 53.8 80.6

167 36.5 29.6 44.4



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





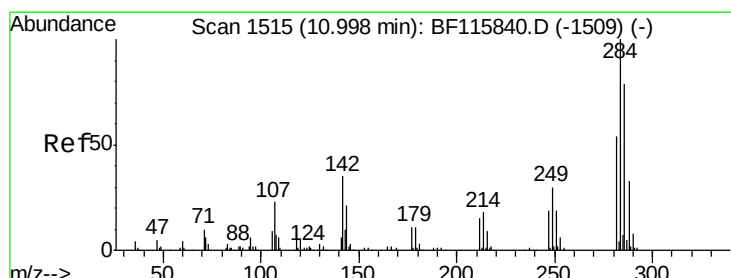
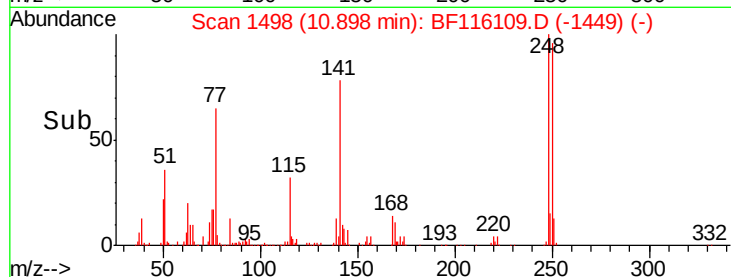
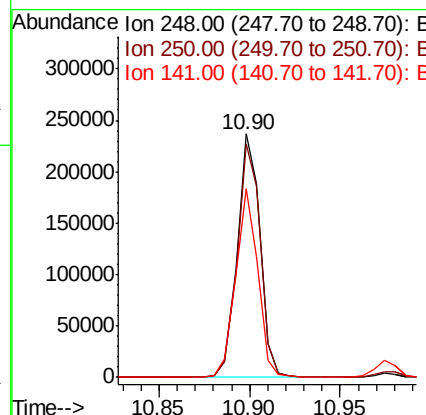
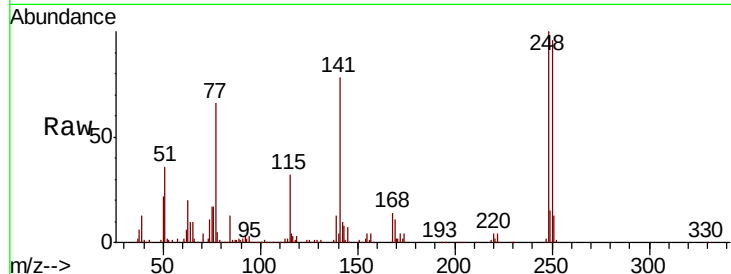
#67
 4-Bromophenyl-phenylether
 Concen: 42.106 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Tot Ion:	248	Resp:	207424
Ion Ratio	Lower	Upper	
248	100		
250	96.0	77.4	116.2
141	77.6	56.8	85.2

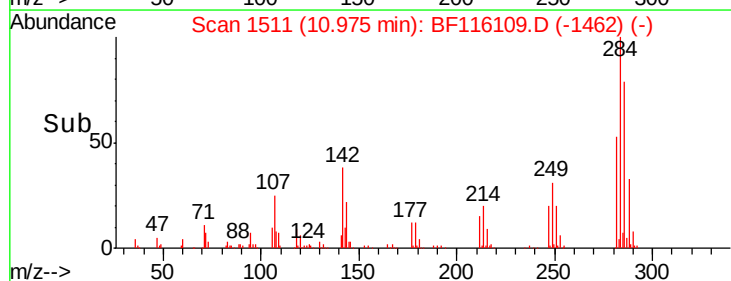
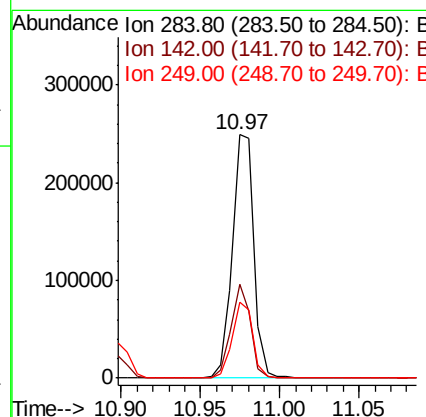
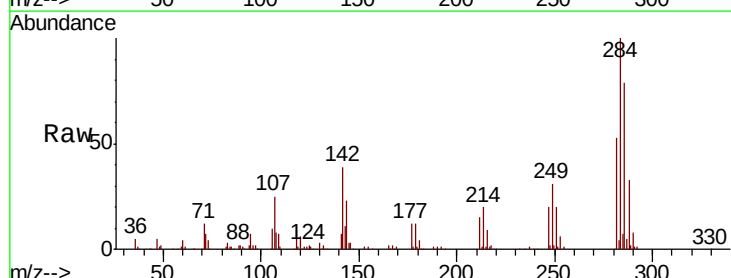
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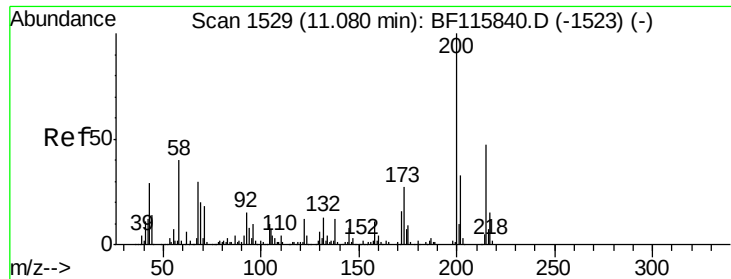
Sohil
 8/13/2019 7:17:49 AM



#68
 Hexachlorobenzene
 Concen: 41.082 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion:	284	Resp:	234019
Ion Ratio	Lower	Upper	
284	100		
142	38.7	28.4	42.6
249	31.1	24.5	36.7





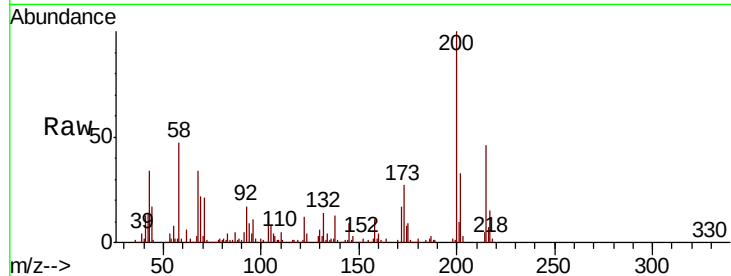
#69
Atrazine
Concen: 43.388 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :
TP-AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	197706		
173	27.3	6.8	46.8	
215	45.9	27.5	67.5	

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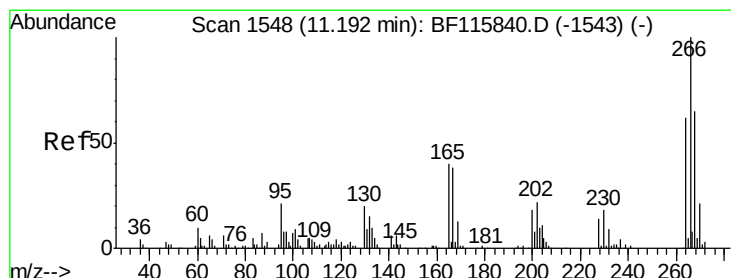
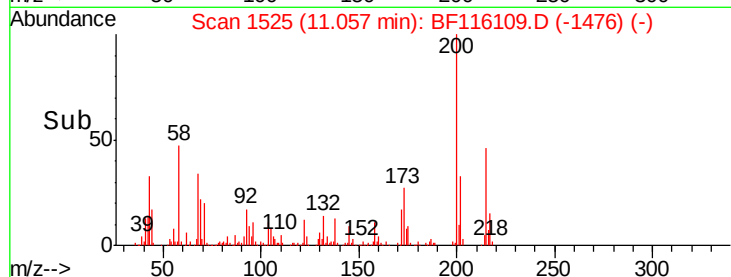
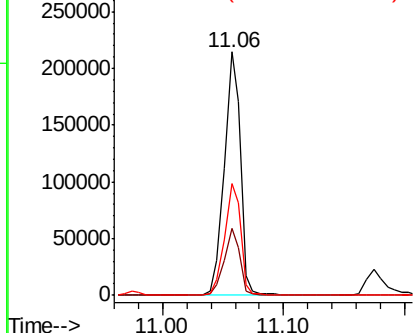


Abundance

Ion 200.00 (199.70 to 200.70): E

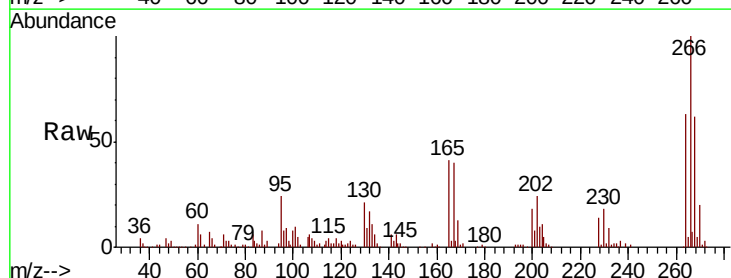
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 57.624 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	159366		
268	61.7	48.8	73.2	
264	63.0	50.6	76.0	

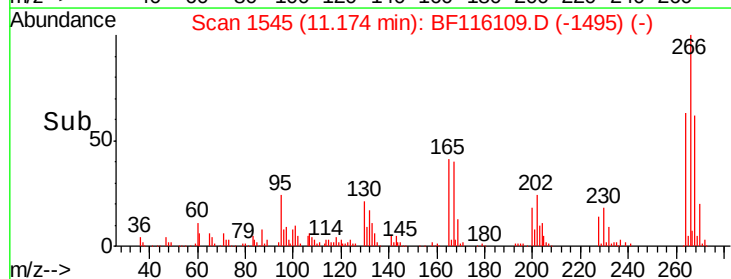
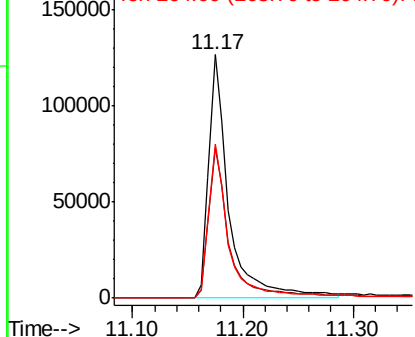


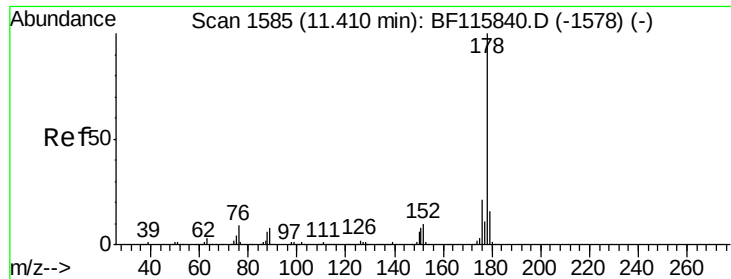
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





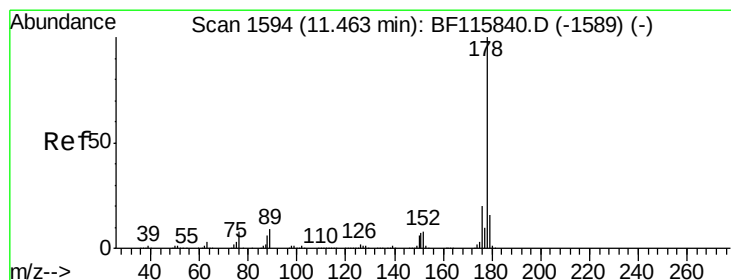
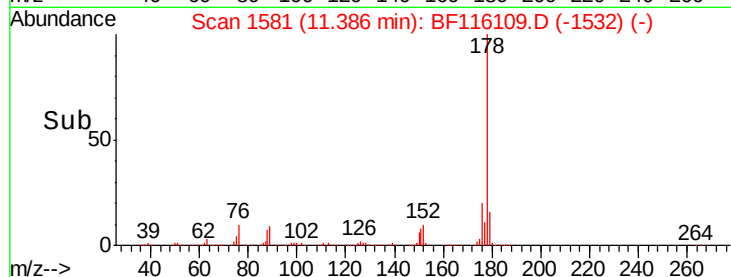
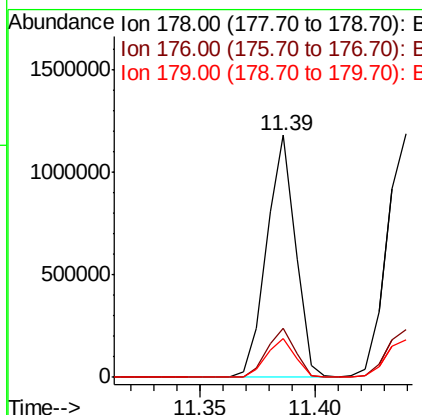
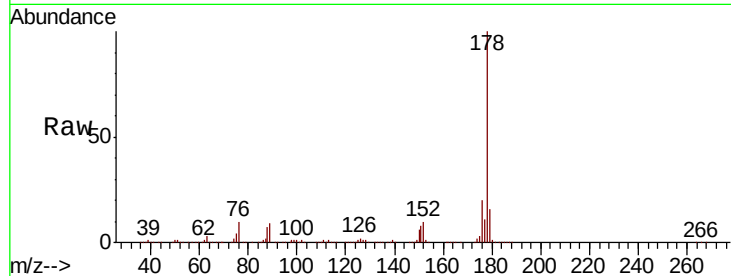
#71
Phenanthrene
Concen: 43.519 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion:178 Resp: 1023813
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 15.8 12.5 18.7

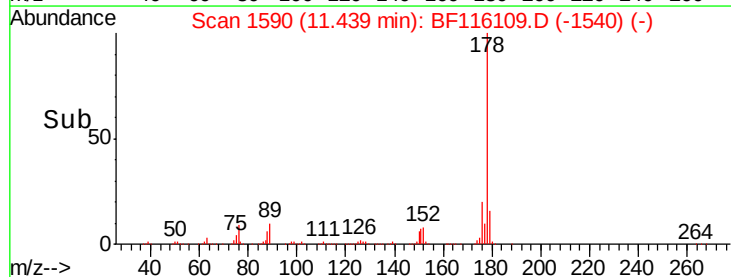
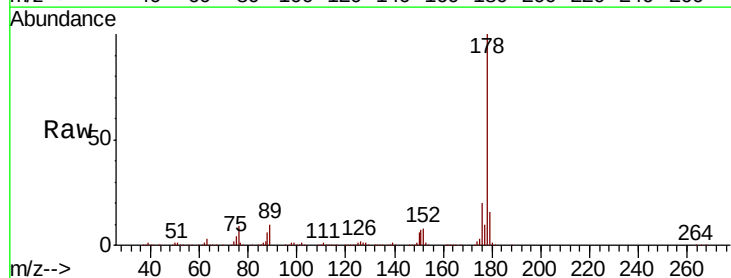
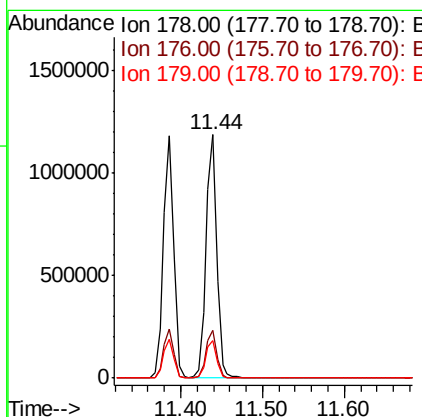
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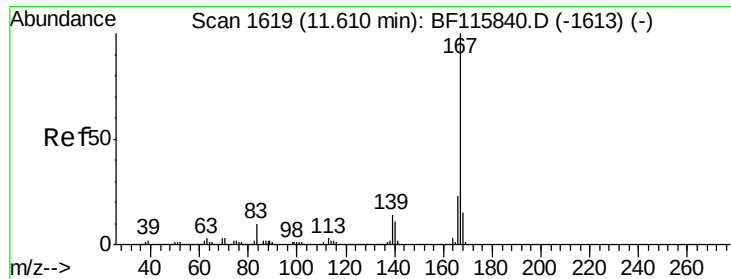
Sohil
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#72
Anthracene
Concen: 45.390 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion:178 Resp: 1080678
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.7 13.0 19.6





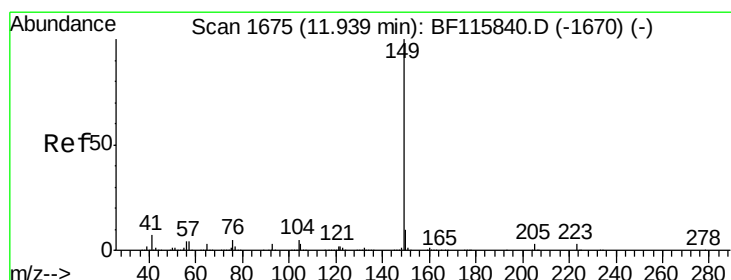
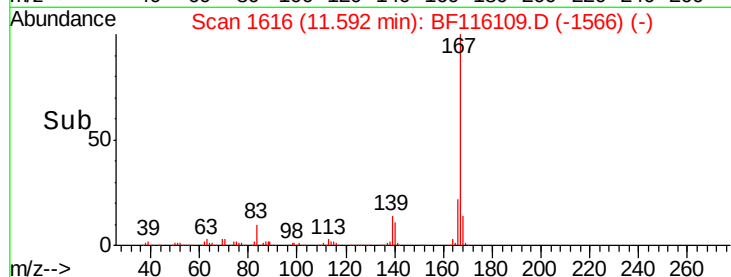
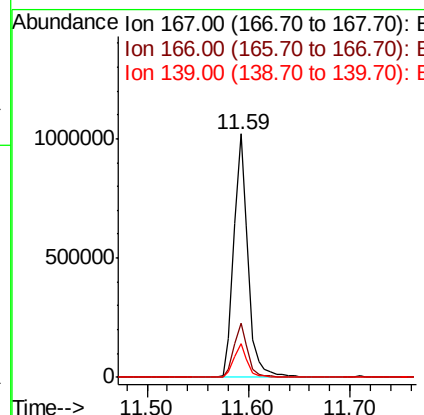
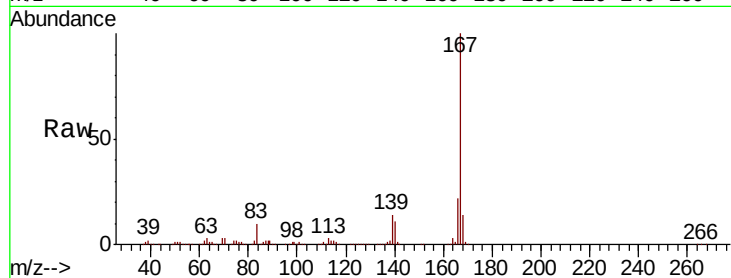
#73
 Carbazole
 Concen: 45.942 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	13.9	11.4	17.0

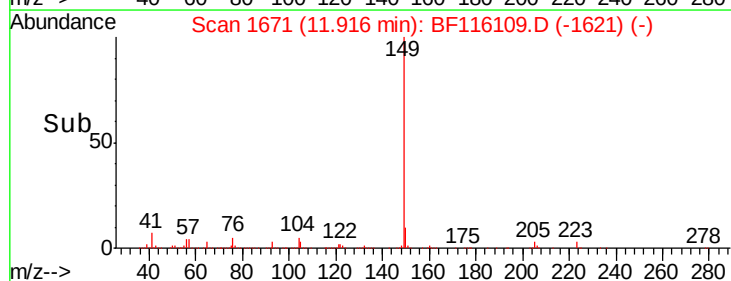
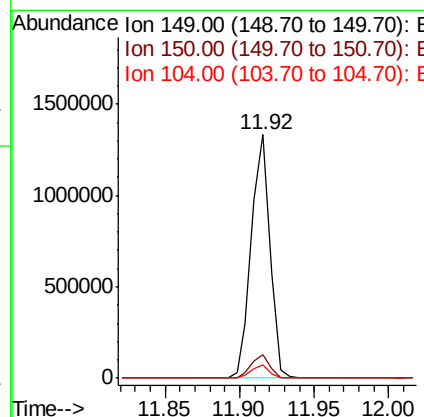
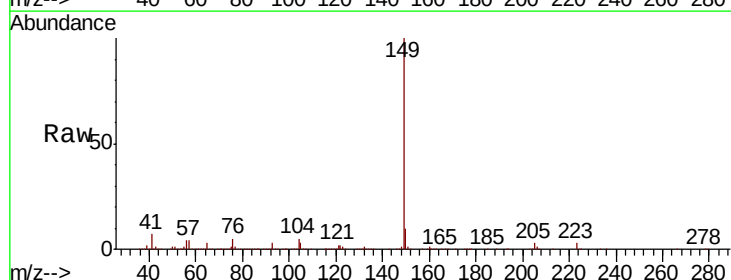
Manual Integrations
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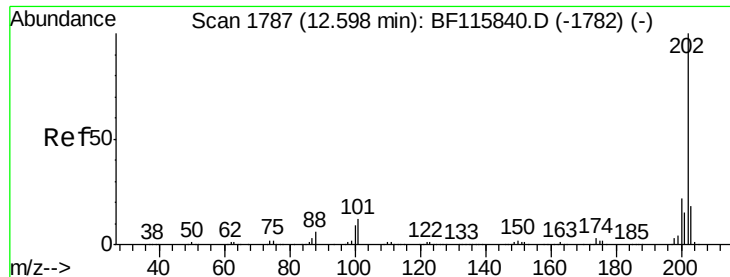
Sohil
 8/13/2019 7:17:49 AM



#74
 Di-n-butylphthalate
 Concen: 45.851 ng
 RT: 11.92 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.2	4.5	6.7





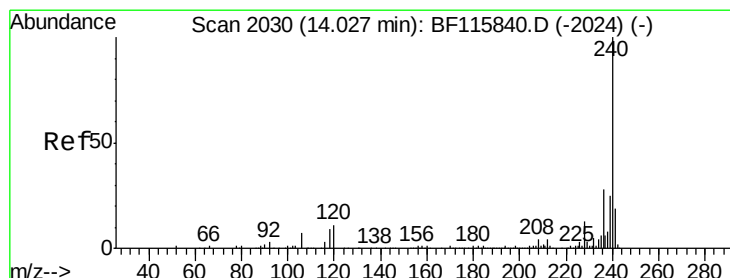
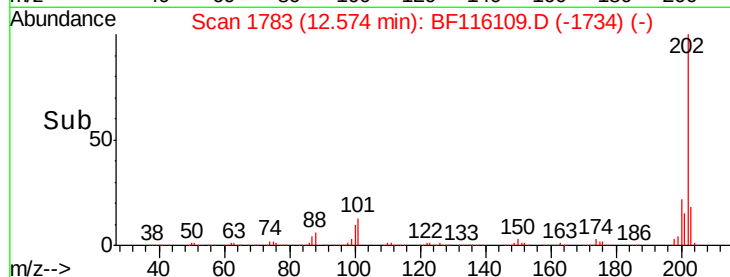
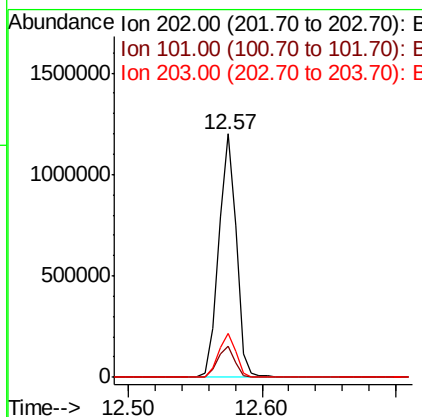
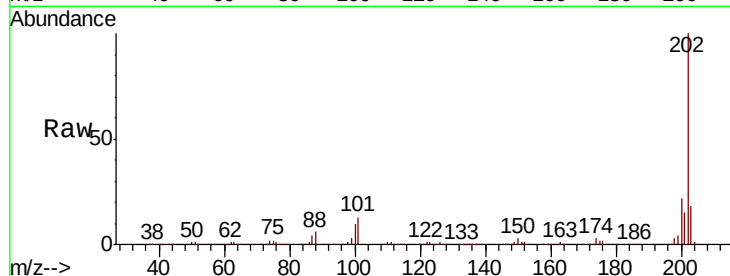
#75
 Fluoranthene
 Concen: 45.622 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	13.0	0.0	31.2		
203	18.2	0.0	37.8		

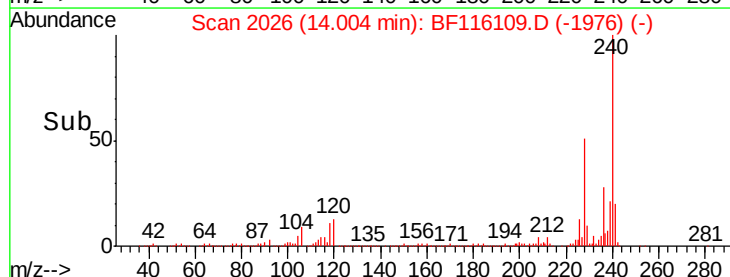
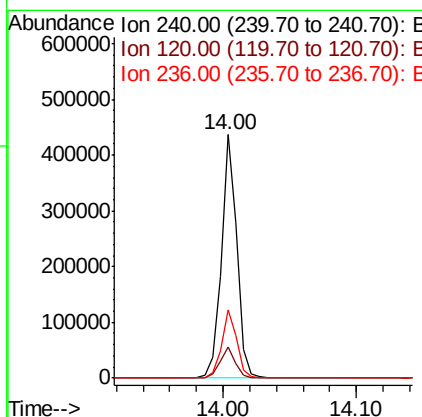
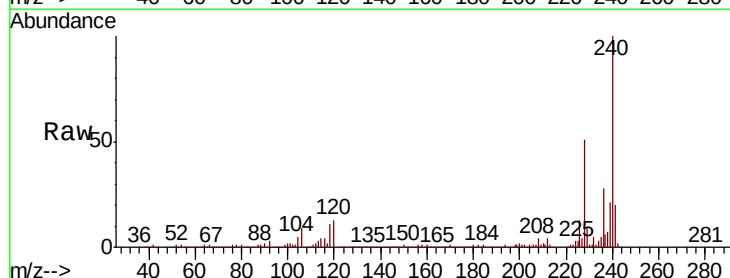
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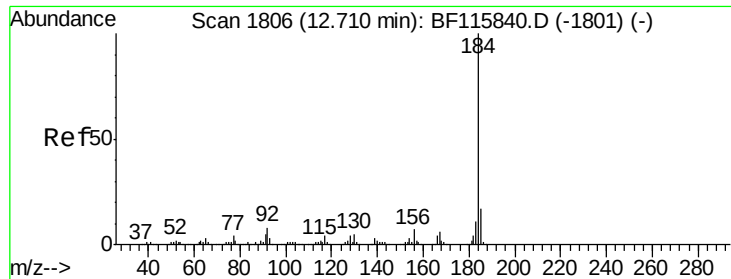
Sohil
 8/13/2019 7:17:49 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	12.7	10.7	16.1		
236	27.8	22.2	33.2		





#77

Benzidine

Concen: 38.610 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

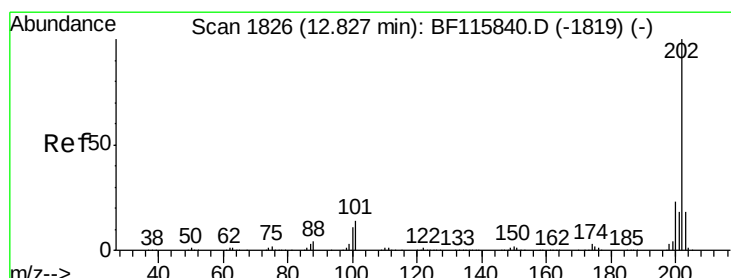
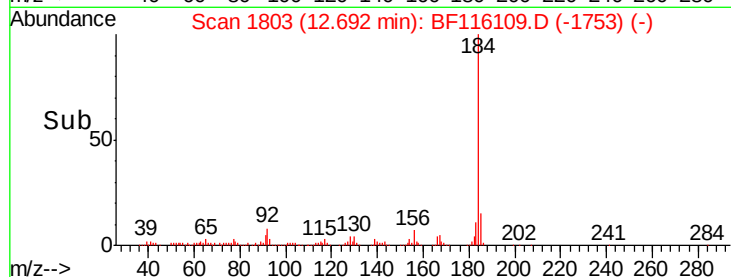
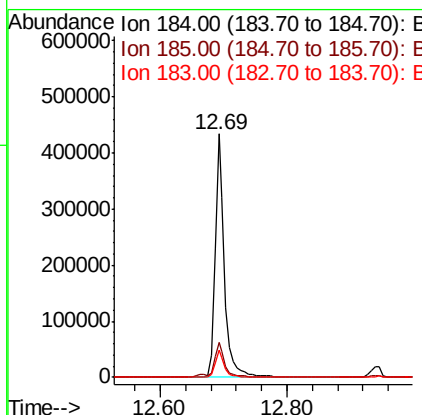
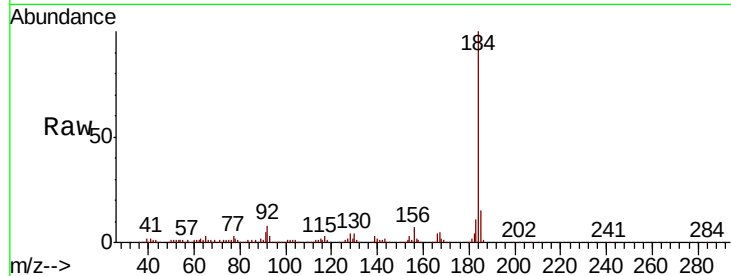
ClientSampled :

TP-AMS

Tot Ion:	184	Resp:	463042
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.8	19.2
183	11.2	9.4	14.0

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#78

Pyrene

Concen: 43.168 ng

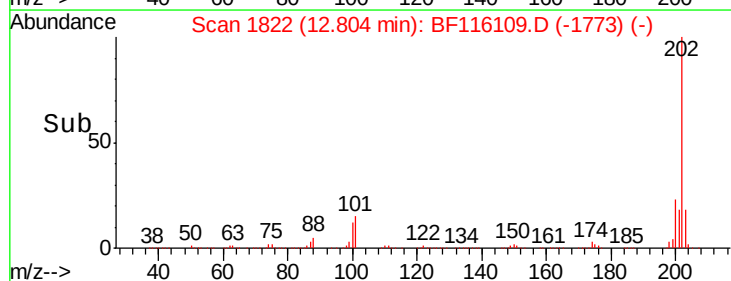
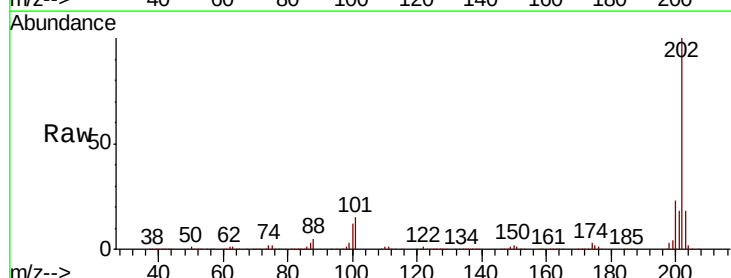
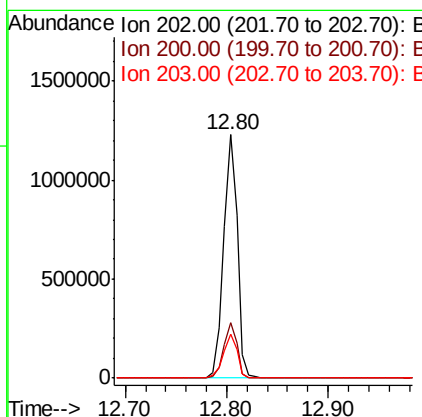
RT: 12.80 min Scan# 1822

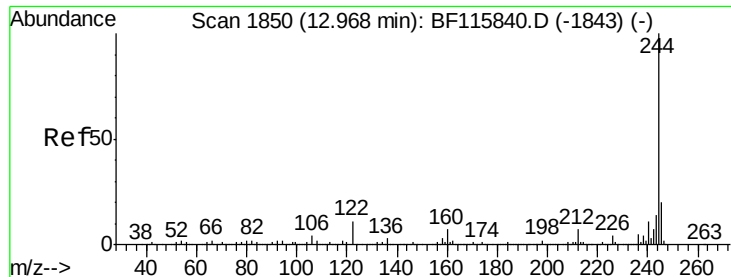
Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Tgt Ion:	202	Resp:	1155141
Ion Ratio	Lower	Upper	
202	100		
200	22.5	18.0	27.0
203	17.9	14.1	21.1





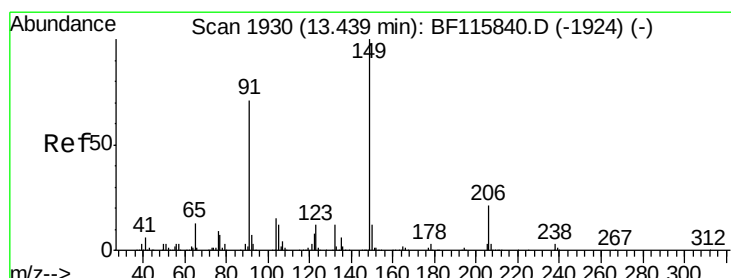
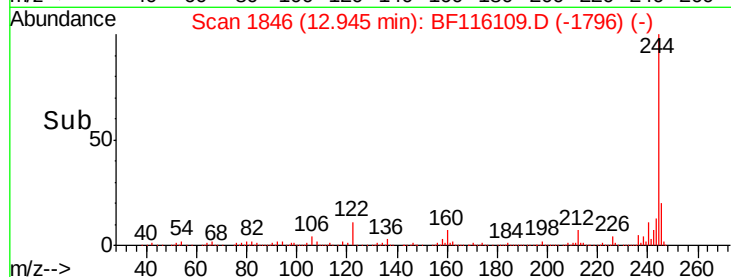
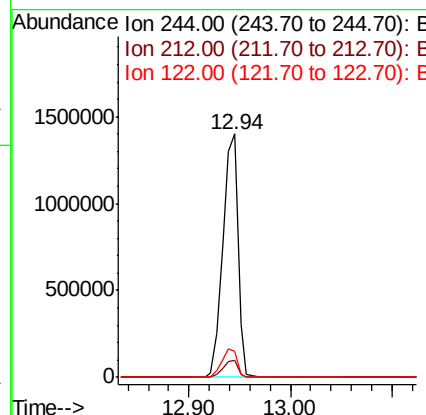
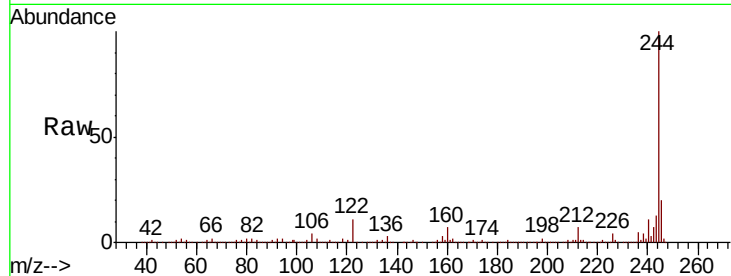
#79
 Terphenyl-d14
 Concen: 86.468 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :
 TP-AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	10.7	9.0	13.4

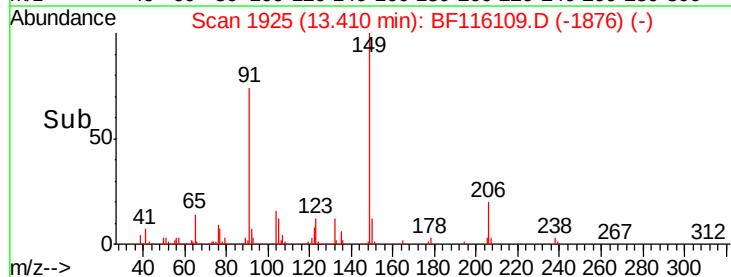
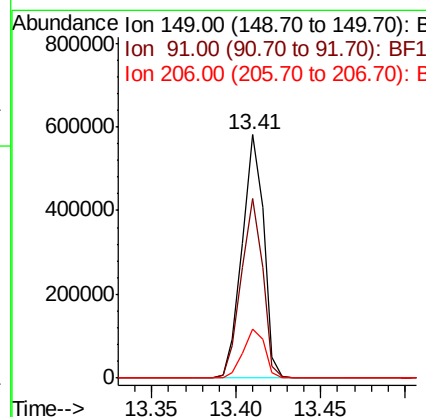
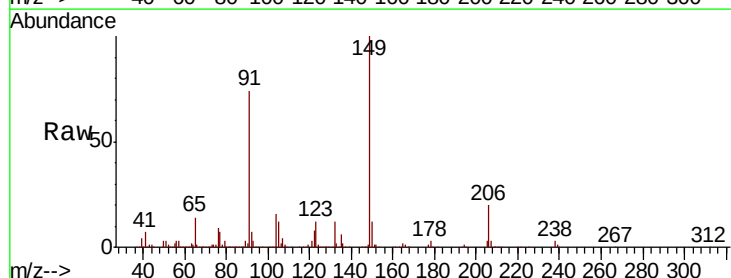
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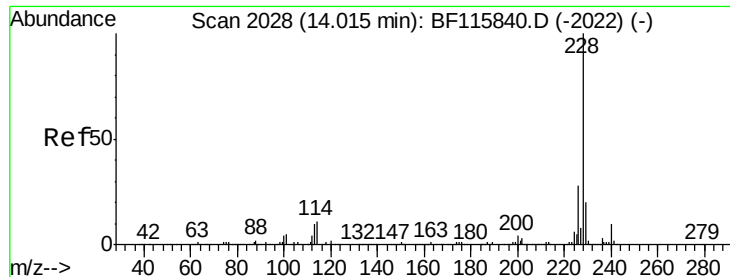
Sohil
 8/13/2019 7:17:49 AM



#80
 Butylbenzylphthalate
 Concen: 45.864 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.5	56.3	84.5
206	20.3	18.0	27.0





#81

Benzo(a)anthracene

Concen: 43.499 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

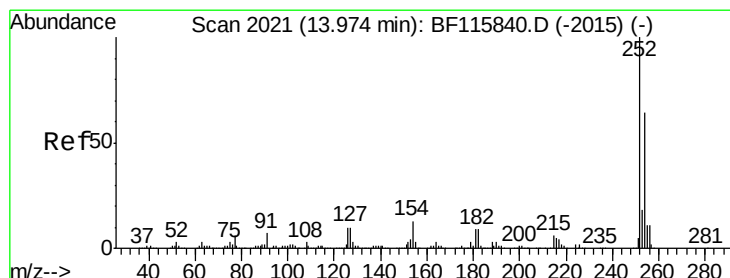
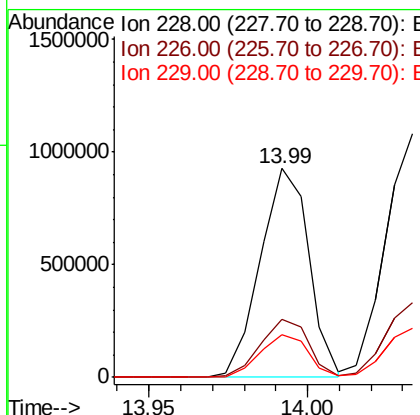
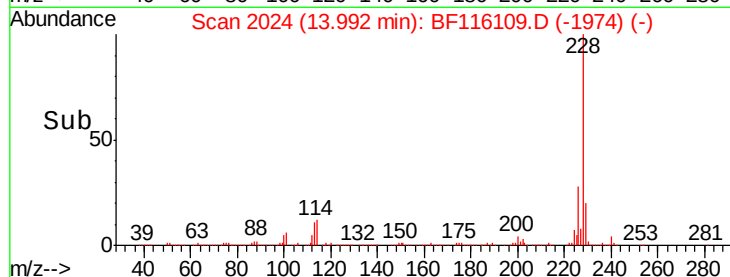
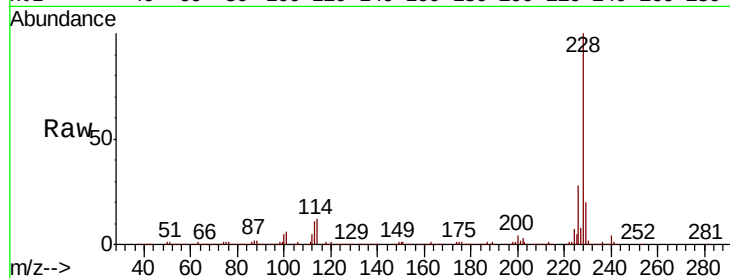
ClientSampled :

TP-AMS

Tot Ion:	228	Resp:	986972
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.7	34.1
229	20.4	16.2	24.4

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#82

3,3'-Dichlorobenzidine

Concen: 26.760 ng

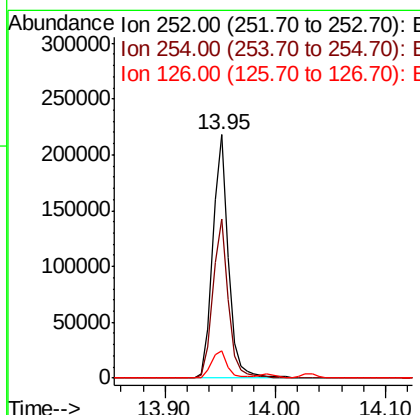
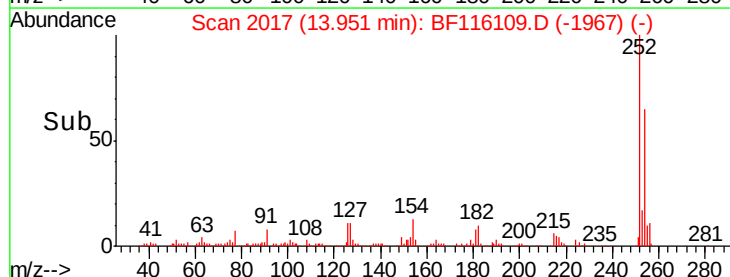
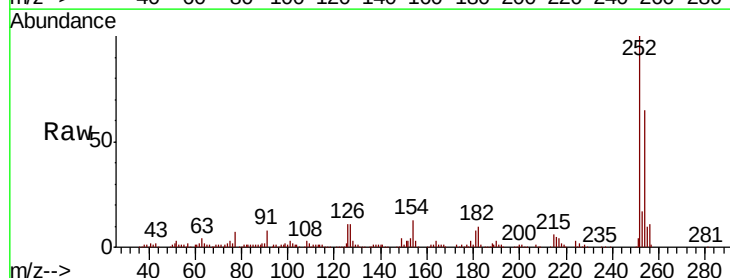
RT: 13.95 min Scan# 2017

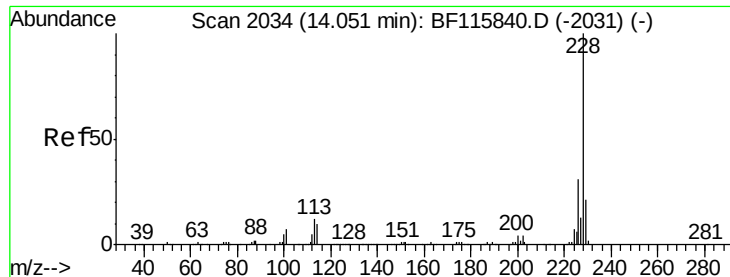
Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Tgt Ion:	252	Resp:	210944
Ion Ratio	Lower	Upper	
252	100		
254	65.3	50.9	76.3
126	11.0	9.8	14.8





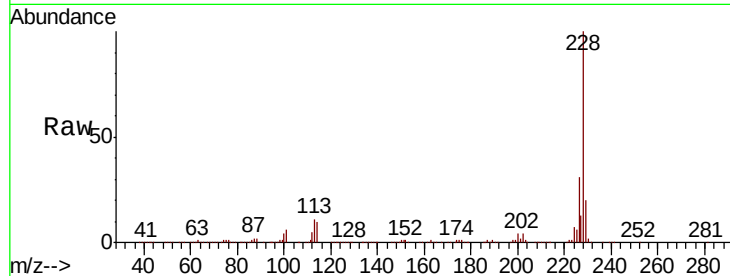
#83
 Chrysene
 Concen: 43.968 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Instrument :
 BNA_F
 ClientSampled :
 TP-AMS

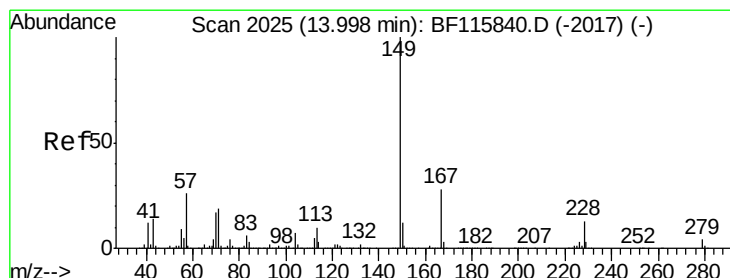
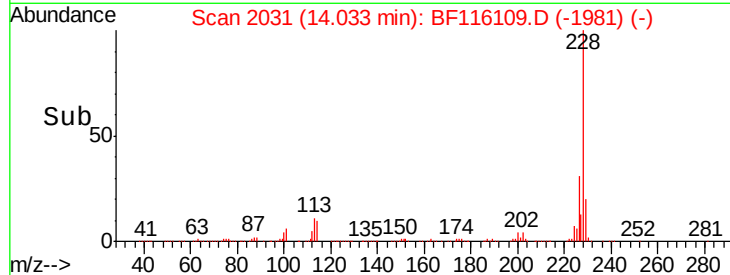
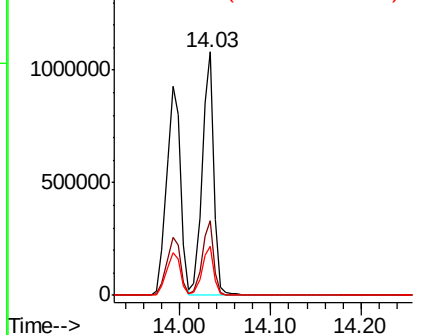
Tot Ion:	228	Resp:	968531
Ion Ratio	Lower	Upper	
228	100		
226	30.7	25.5	38.3
229	19.9	16.6	24.8

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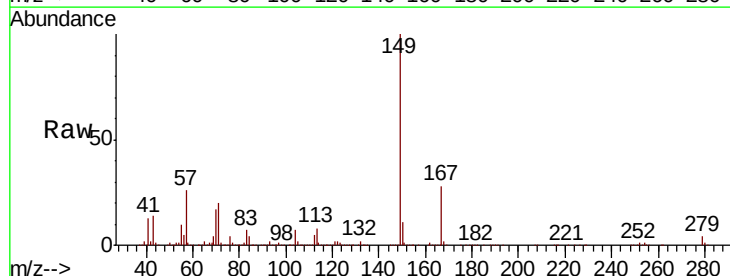


Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

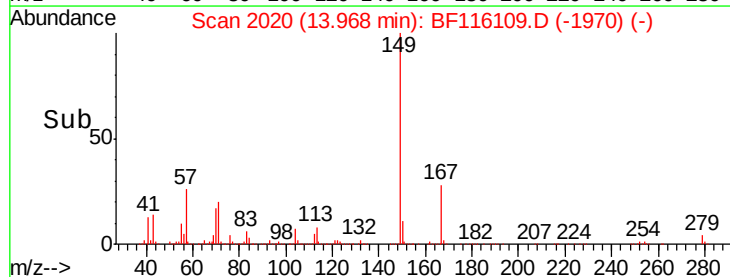
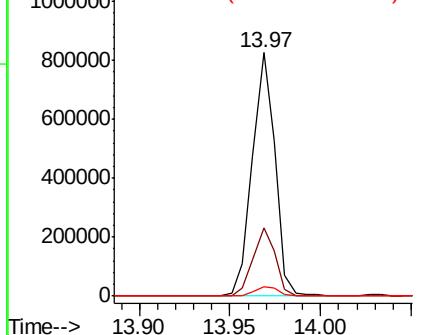


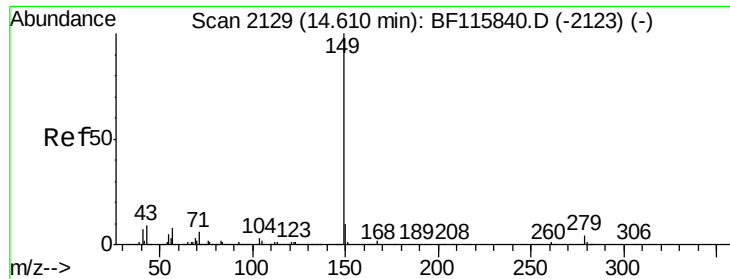
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.876 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF116109.D
 Acq: 9 Aug 2019 13:25

Tgt Ion:	149	Resp:	718934
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.6	32.4
279	4.0	3.0	4.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





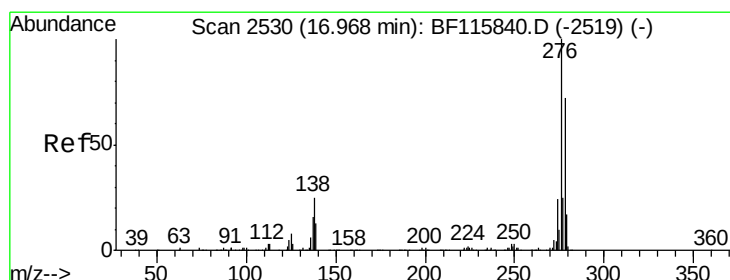
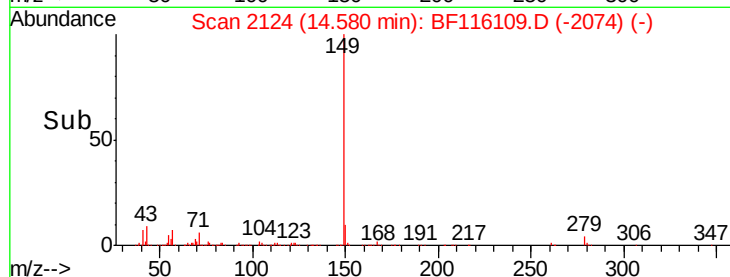
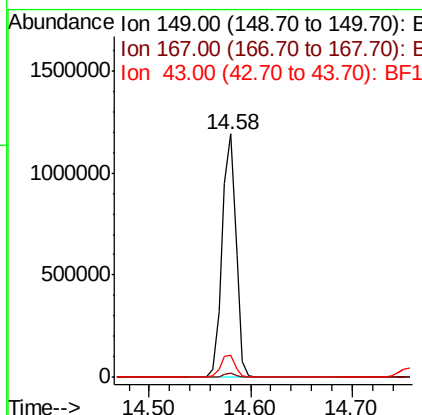
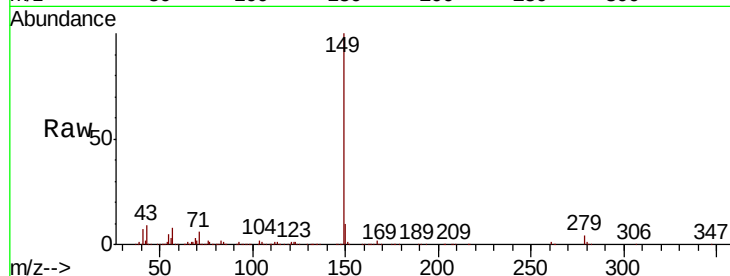
#85
Di-n-octyl phthalate
Concen: 48.544 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.0	7.5	11.3

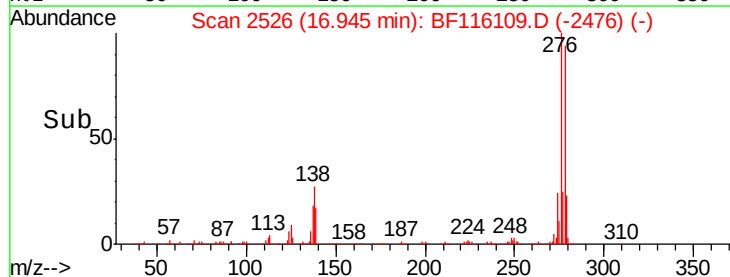
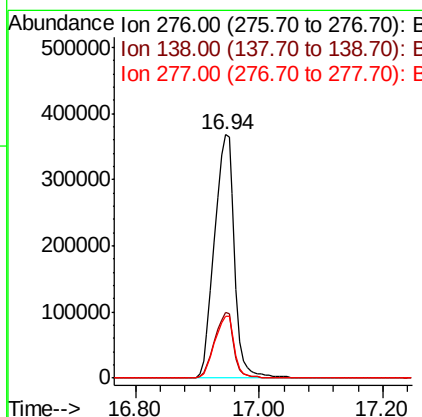
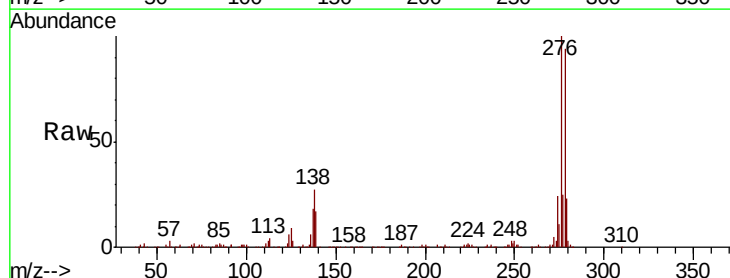
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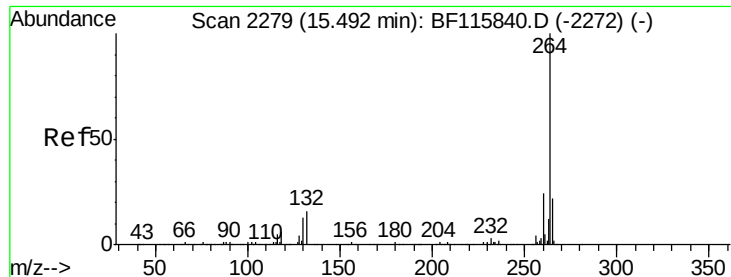
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 45.054 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.4	30.6
277	25.1	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

Instrument :

BNA_F

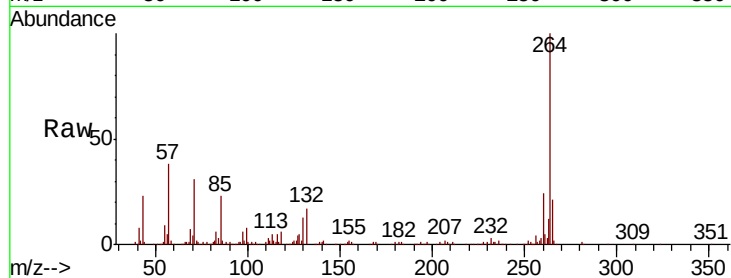
ClientSampleId :

TP-AMS

Tot Ion:	264	Resp:	316283
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.7	29.5
265	21.5	17.4	26.0

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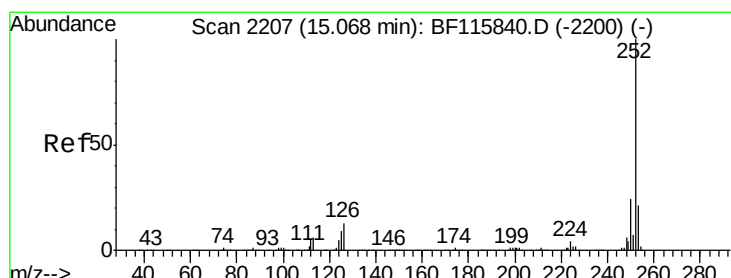
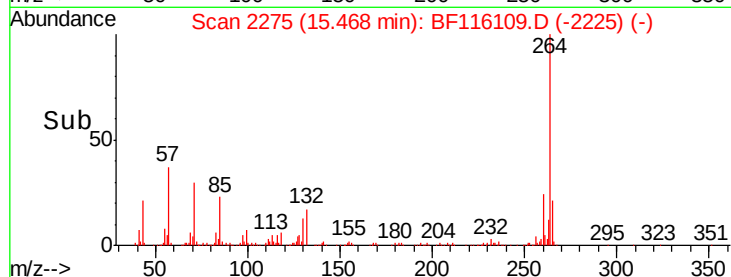
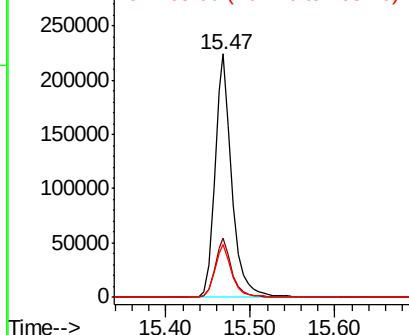


Abundance

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: 45.901 ng

RT: 15.04 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BF116109.D

Acq: 9 Aug 2019 13:25

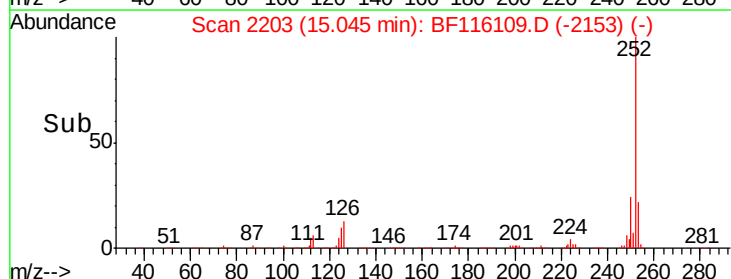
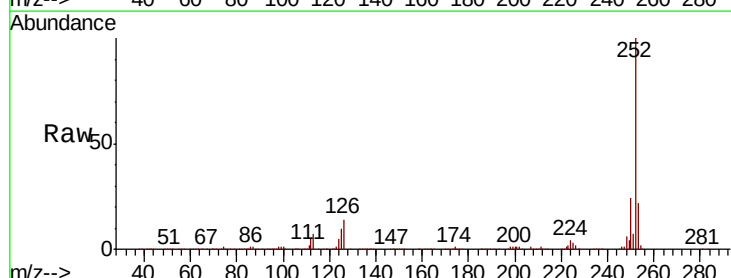
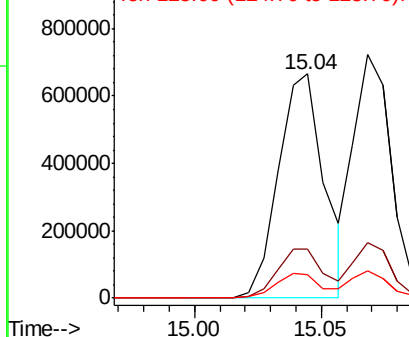
Tgt Ion:	252	Resp:	839425
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.8
125	10.4	8.4	12.6

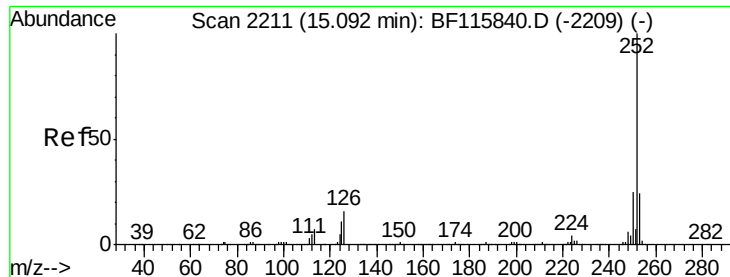
Abundance

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





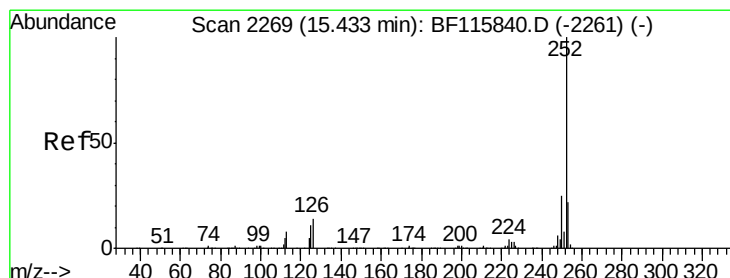
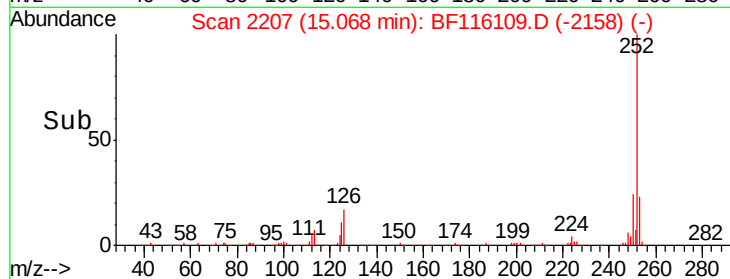
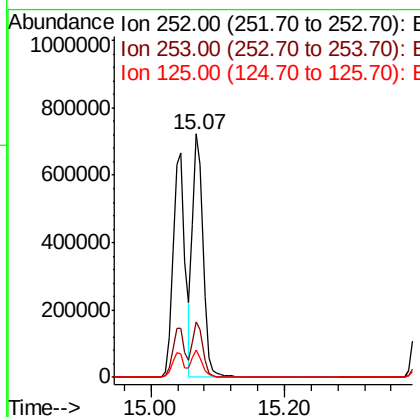
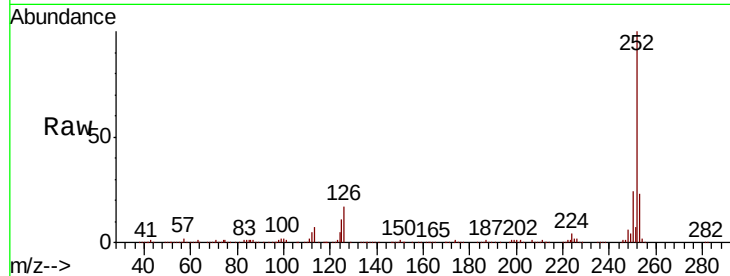
#89
Benzo(k)fluoranthene
Concen: 43.349 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.4	7.7	11.5

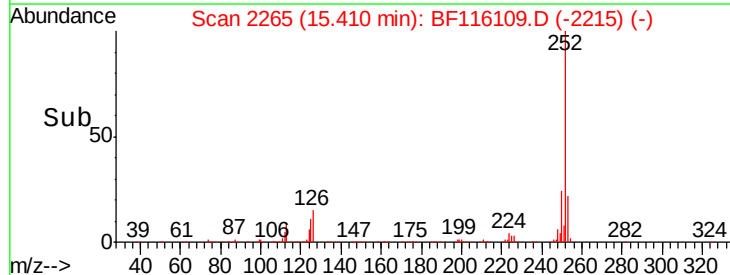
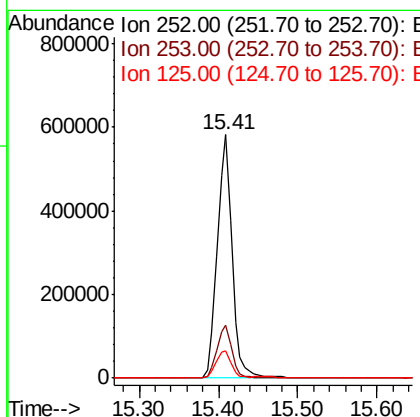
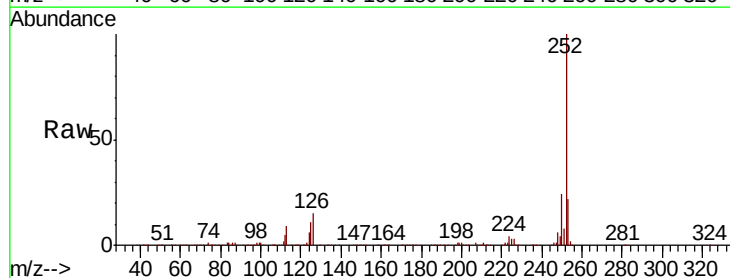
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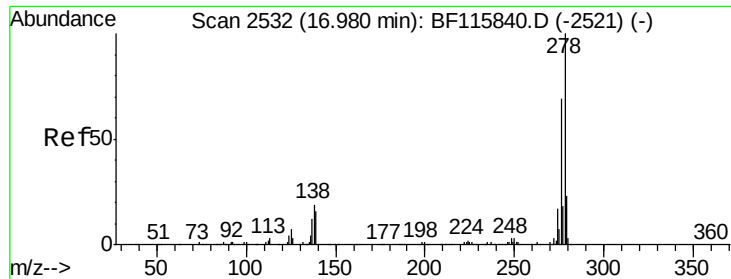
Sohil
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#90
Benzo(a)pyrene
Concen: 46.045 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	11.3	8.9	13.3





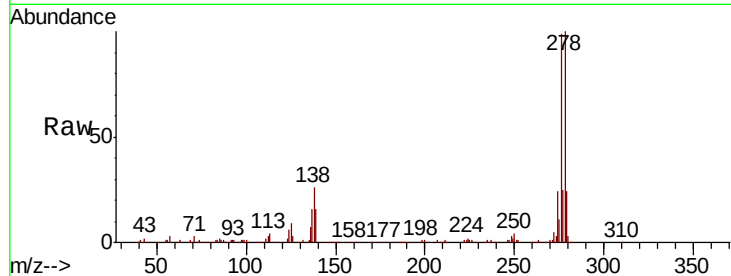
#91
Dibenzo(a,h)anthracene
Concen: 48.959 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Instrument :
BNA_F
ClientSampled :
TP-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.8	19.2
279	23.7	18.8	28.2

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Sohil
8/13/2019 7:17:49 AM

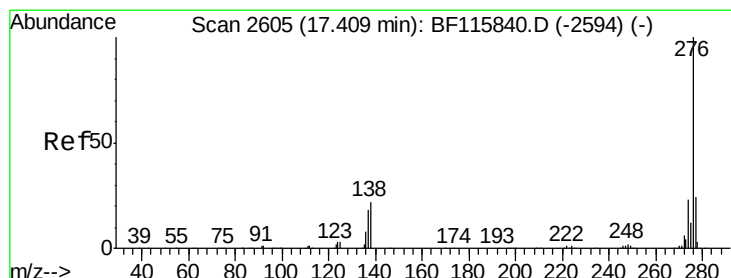
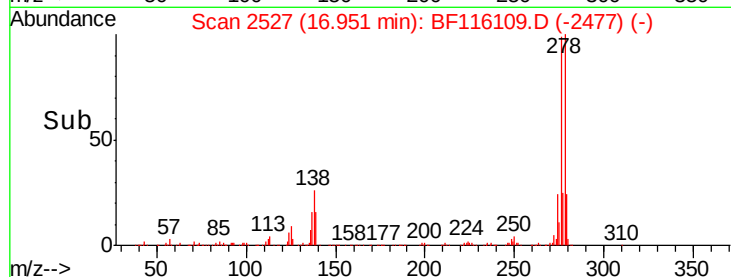
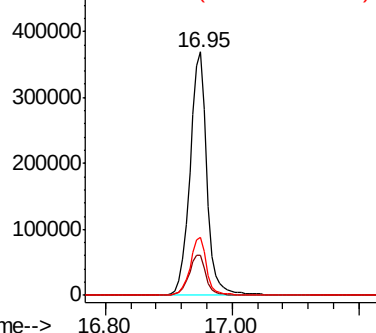


Abundance

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: 52.126 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.00 min
Lab File: BF116109.D
Acq: 9 Aug 2019 13:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	22.4	17.0	25.6

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

