

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
 Data File : BF113075.D
 Acq On : 15 Mar 2019 19:38
 Operator : JU/SJ
 Sample : K1899-01DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL

Manual Integrations
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 3/18/2019 2:59:32 PM

Quant Time: Mar 16 00:14:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	134223	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	229874	20.00	ng	0.01
39) Acenaphthene-d10	9.77	164	268393	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	522996	20.00	ng	0.00
76) Chrysene-d12	13.87	240	444027	20.00	ng	0.00
87) Perylene-d12	15.28	264	463056	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	237958	27.58	ng	0.03
7) Phenol-d6	6.44	99	179803	16.59	ng	0.06
23) Nitrobenzene-d5	7.30	82	382061	99.45	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	194296	68.19	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	760500	40.81	ng	0.00
79) Terphenyl-d14	12.82	244	828717	36.18	ng	0.00

Target Compounds				Qvalue		
6) Aniline	6.39	93	388989	26.072	ng	98
10) Phenol	6.46	94	157992	12.491	ng	96
27) 2,4-Dimethylphenol	7.74	122	1726945	521.533	ng	98
31) Naphthalene	8.07	128	15751036	1380.131	ng	# 94
37) 2-Methylnaphthalene	8.76	142	3950296	535.982	ng	96
38) 1-Methylnaphthalene	8.85	142	2311361m	323.746	ng	
46) 1,1'-Biphenyl	9.20	154	723845	33.065	ng	99
49) Acenaphthylene	9.63	152	65540	2.258	ng	# 75
52) Acenaphthene	9.80	154	779603	45.939	ng	99
55) Dibenzofuran	9.97	168	864071	35.033	ng	97
58) Fluorene	10.32	166	492430	28.130	ng	97
71) Phenanthrene	11.27	178	324324	12.464	ng	100
72) Anthracene	11.32	178	119504	4.387	ng	96
73) Carbazole	11.48	167	252773	9.513	ng	99

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

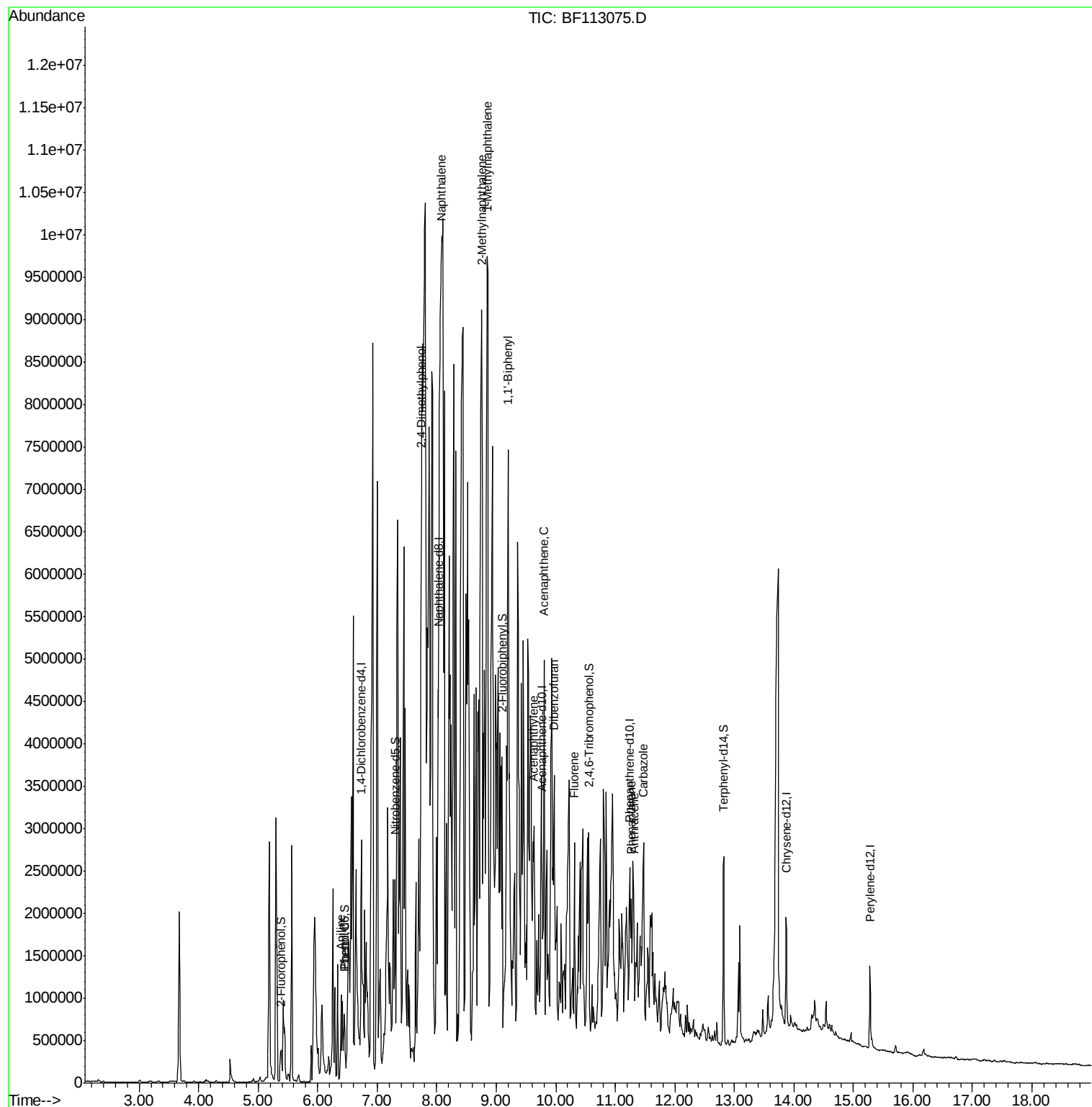
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031519\
Data File : BF113075.D
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Operator : JU/SJ
Sample : K1899-01DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

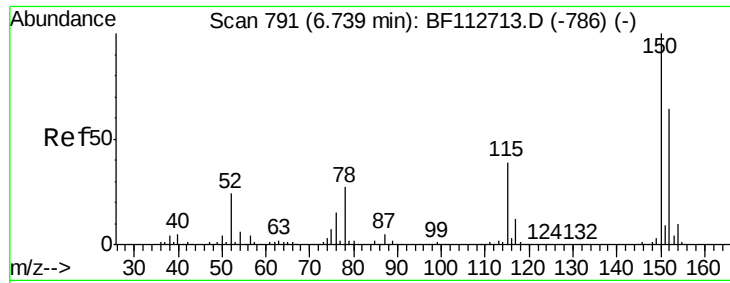
Instrument :
BNA_F
ClientSampleID :
MW-1ADL

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#1

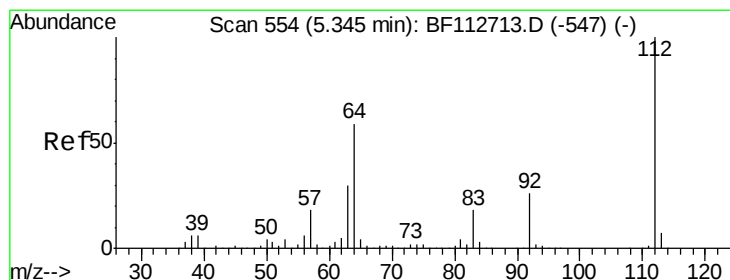
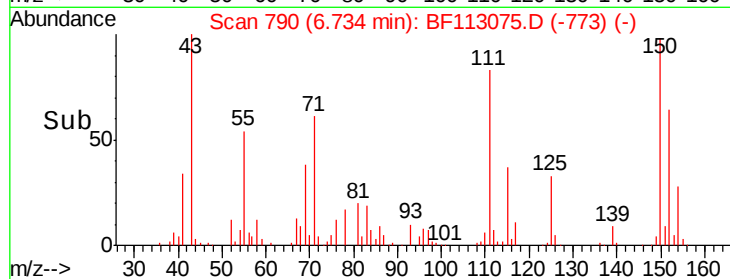
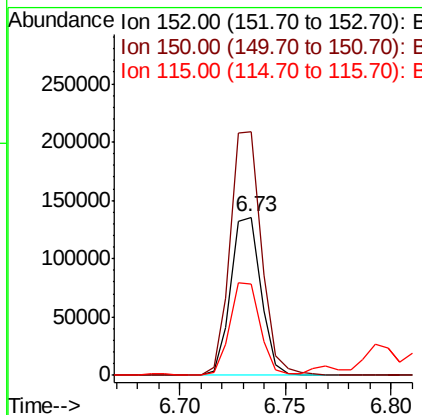
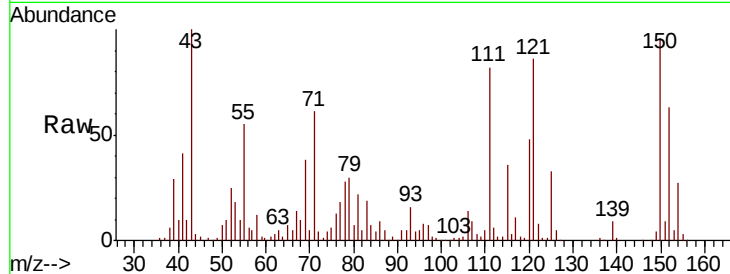
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Instrument :
BNA_F
ClientSampled :
MW-1ADL

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.2	186.2
115	57.8	48.2	72.4

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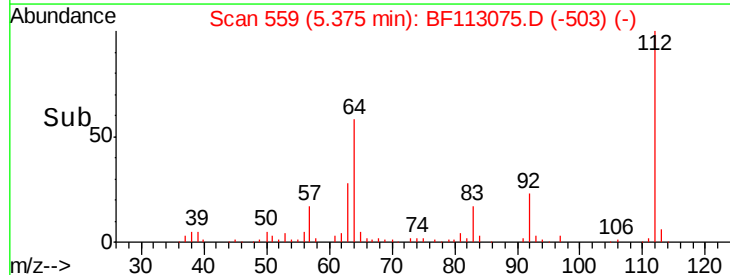
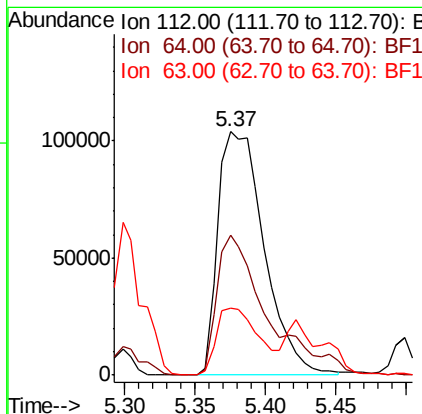
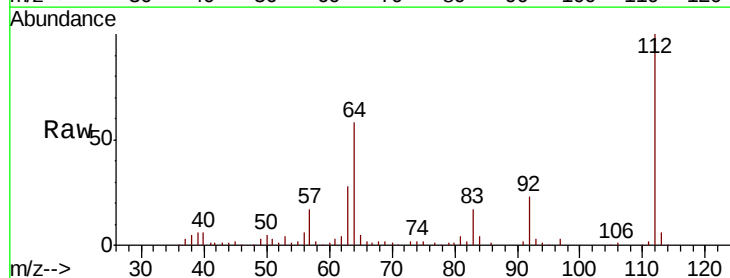
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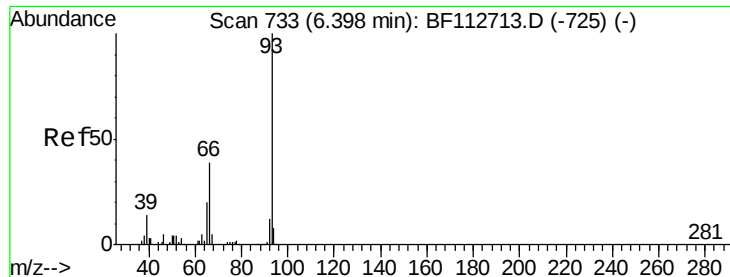


#5

2-Fluorophenol
Concen: 27.578 ng
RT: 5.37 min Scan# 559
Delta R.T. 0.03 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.6	71.4
63	27.6	24.4	36.6





#6

Aniline

Concen: 26.072 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF113075.D

Acq: 15 Mar 2019 19:38

Instrument :

BNA_F

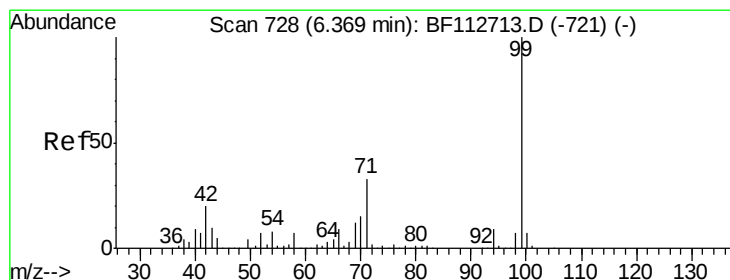
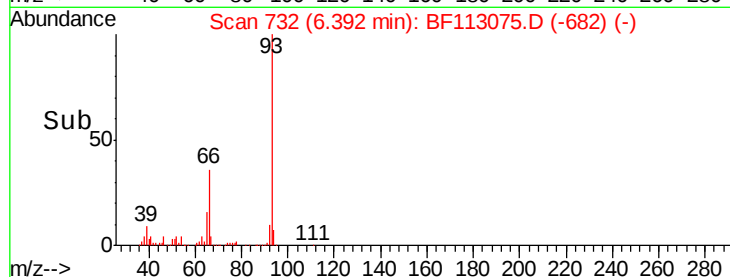
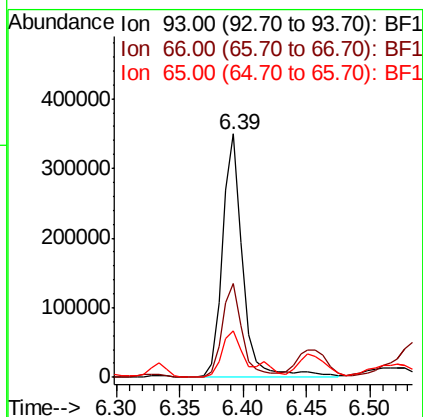
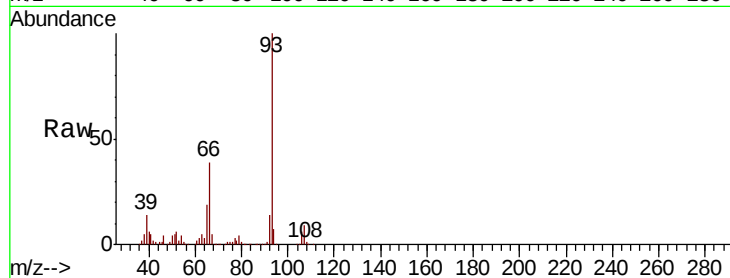
ClientSampleId :

MW-1ADL

Tot Ion:	93	Resp:	388989
Ion Ratio	Lower	Upper	
93	100		
66	38.7	32.2	48.2
65	19.3	16.2	24.4

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#7

Phenol-d6

Concen: 16.588 ng

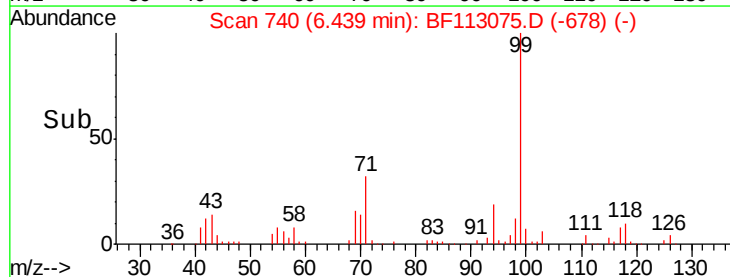
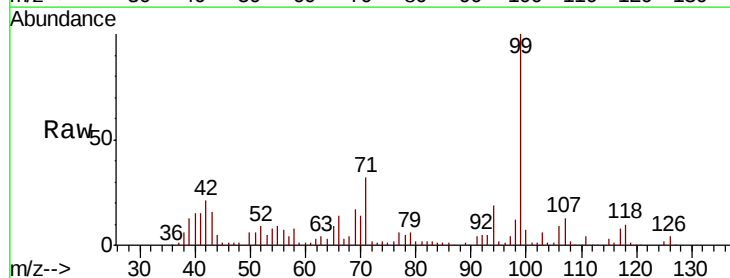
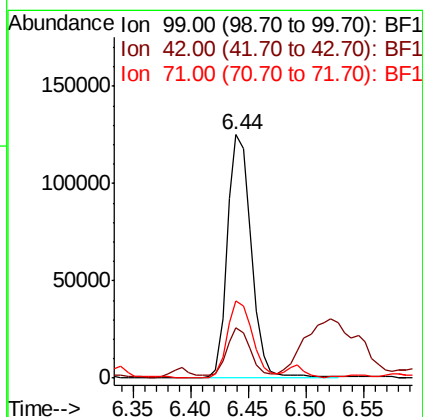
RT: 6.44 min Scan# 740

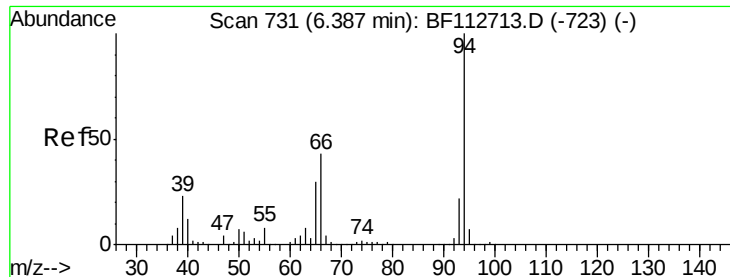
Delta R.T. 0.06 min

Lab File: BF113075.D

Acq: 15 Mar 2019 19:38

Tgt Ion:	99	Resp:	179803
Ion Ratio	Lower	Upper	
99	100		
42	20.9	16.3	24.5
71	31.9	26.2	39.4





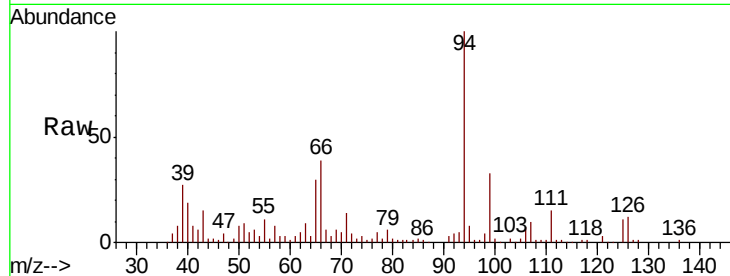
#10
Phenol
Concen: 12.491 ng
RT: 6.46 min Scan# 743
Delta R.T. 0.06 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Instrument :
BNA_F
ClientSampleId :
MW-1ADL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		157992		
65	29.7	10.5		50.5	
66	38.8	22.6		62.6	

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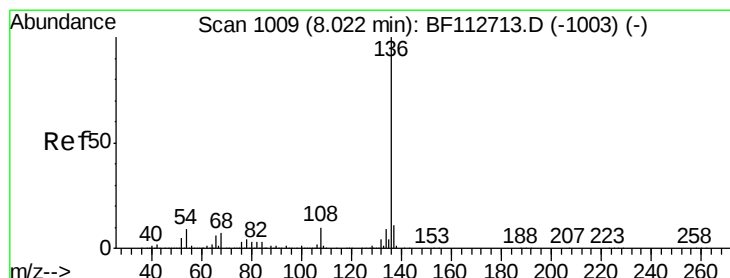
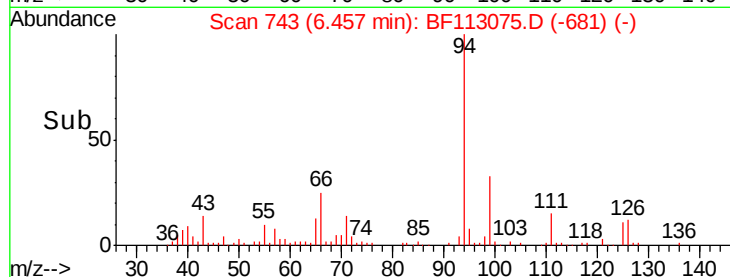
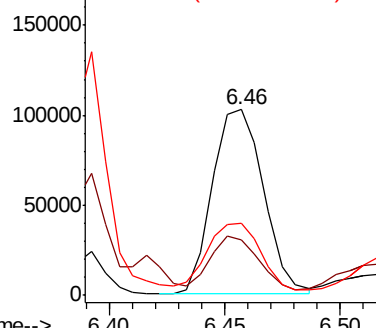


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		229874		
137	10.8	8.9		13.3	
54	6.1	7.3		10.9#	
68	4.2	5.4		8.2#	

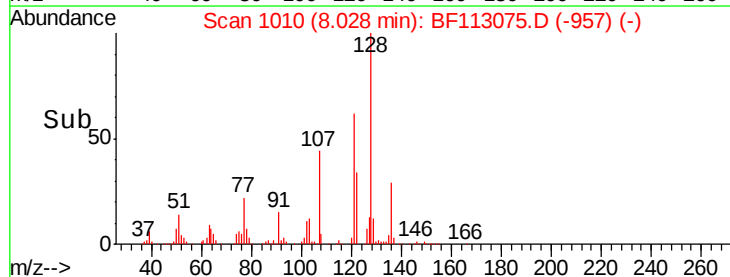
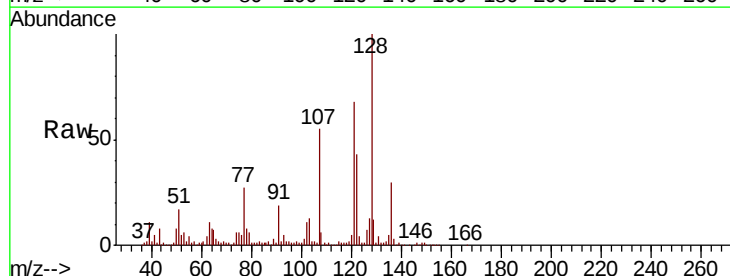
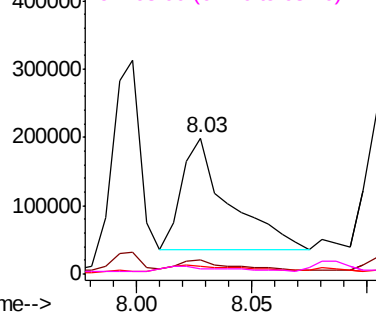
Abundance

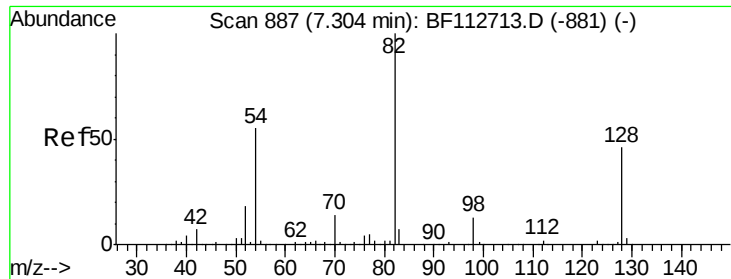
Ion 136.00 (135.70 to 136.70): E

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





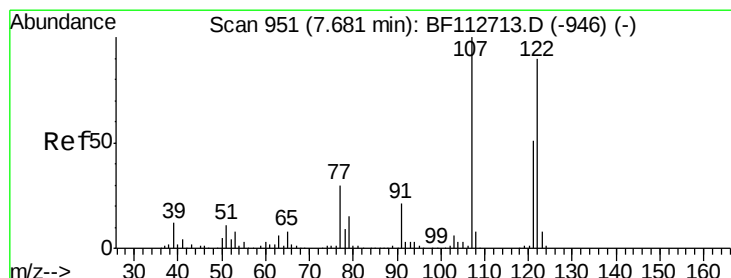
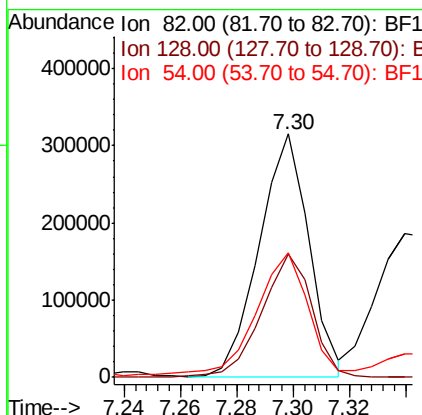
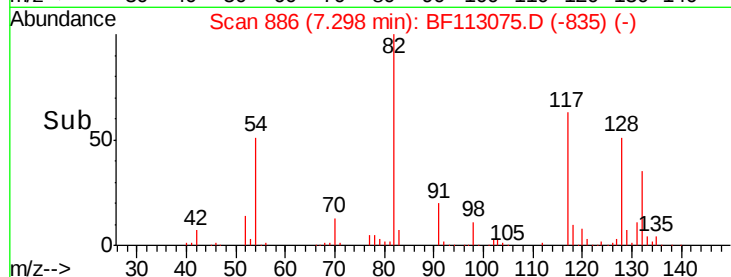
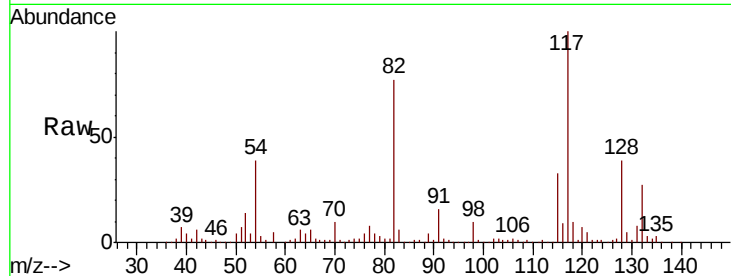
#23
Nitrobenzene-d5
Concen: 99.453 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Instrument :
BNA_F
ClientSampled :
MW-1ADL

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.8	36.3	54.5
54	50.9	43.7	65.5

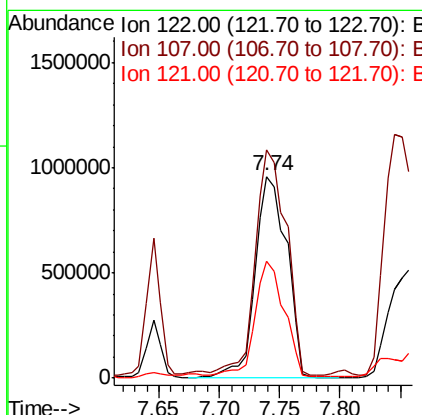
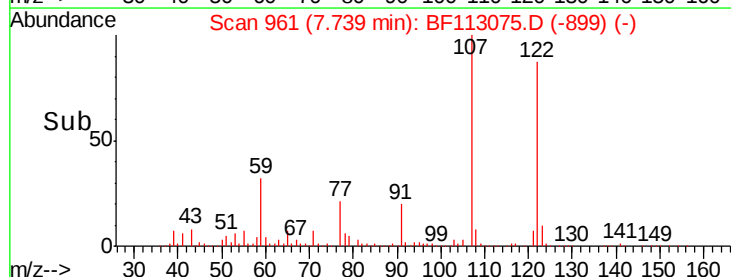
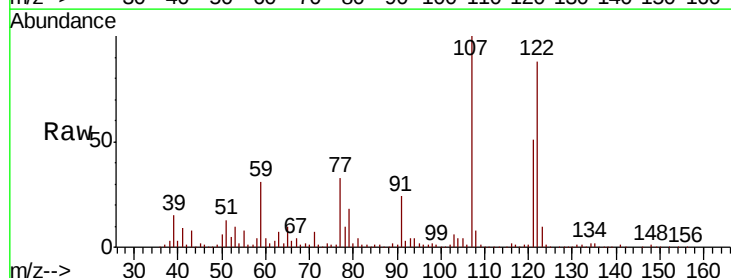
Manual Integrations
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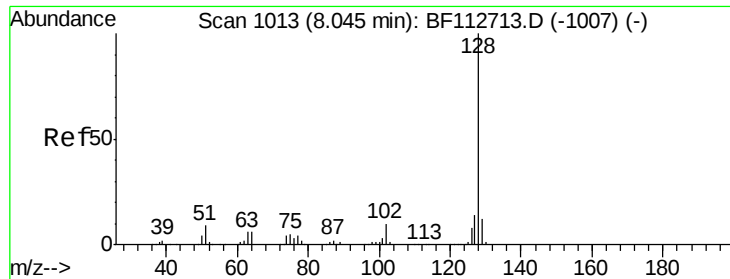
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#27
2,4-Dimethylphenol
Concen: 521.533 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.06 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.3	89.4	134.0
121	58.2	45.5	68.3





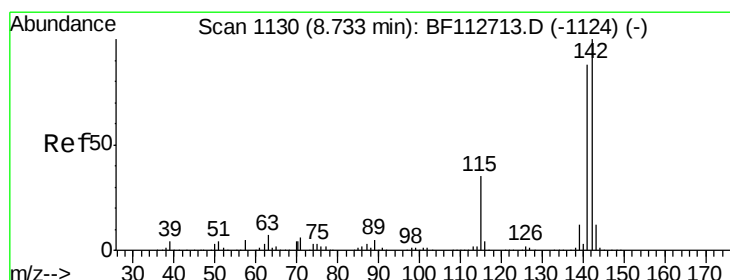
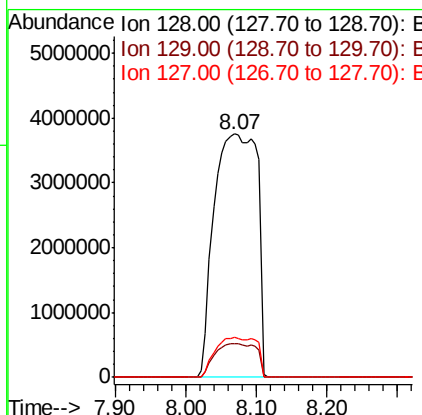
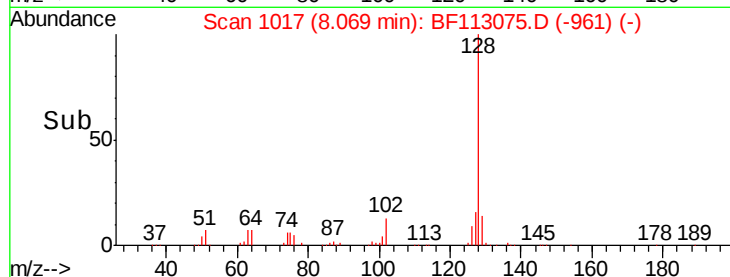
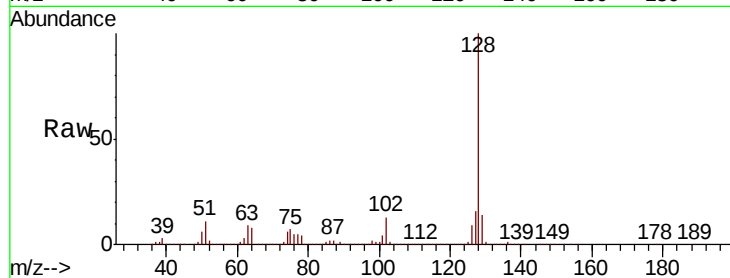
#31
Naphthalene
Concen: 1380.131 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.03 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Instrument :
BNA_F
ClientSampleId :
MW-1ADL

Tot Ion:128 Resp:15751036
Ion Ratio Lower Upper
128 100
129 13.7 9.3 13.9
127 16.3 10.9 16.3#

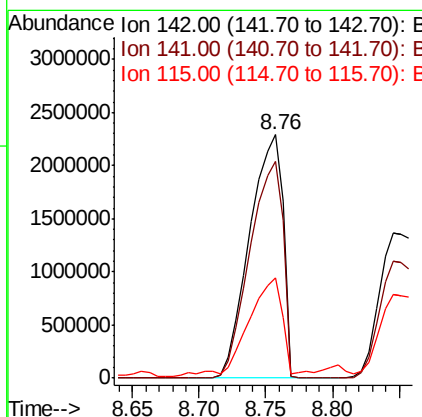
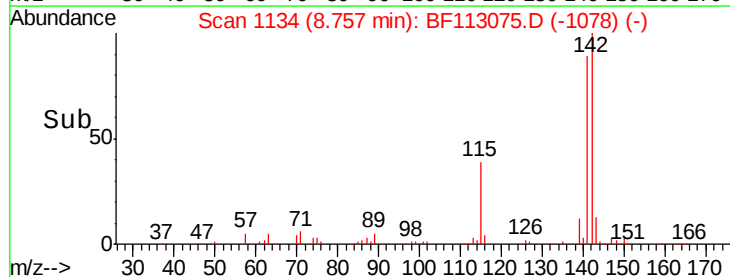
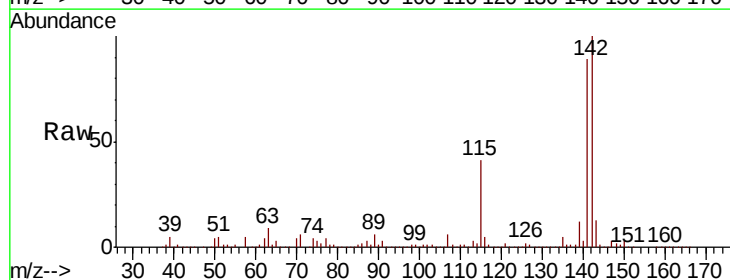
Manual Integrations
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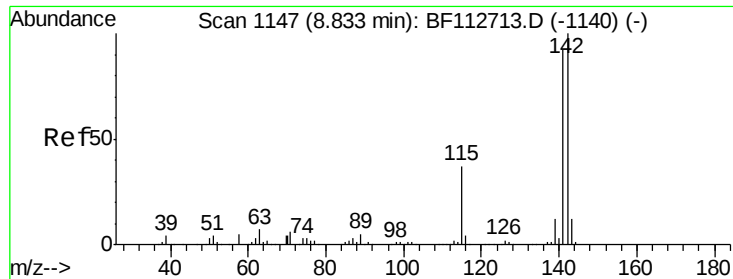
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#37
2-Methylnaphthalene
Concen: 535.982 ng
RT: 8.76 min Scan# 1134
Delta R.T. 0.03 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Tgt Ion:142 Resp: 3950296
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 41.2 27.8 41.6





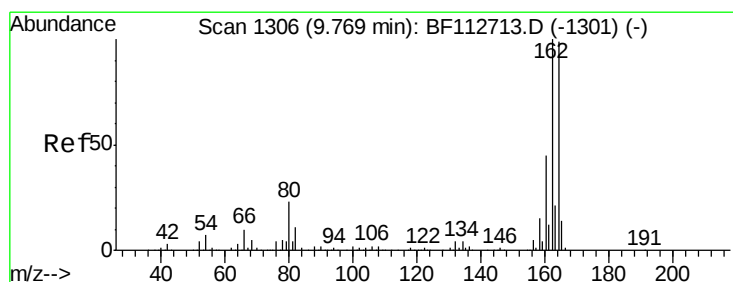
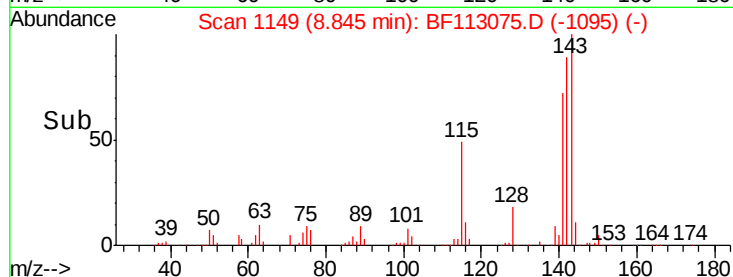
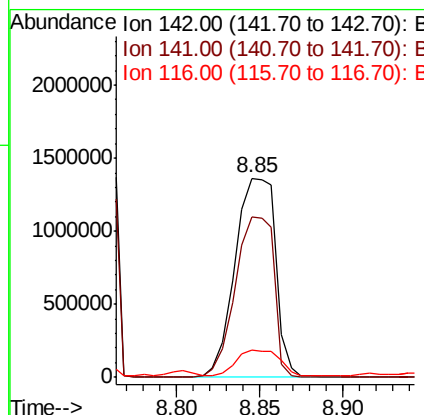
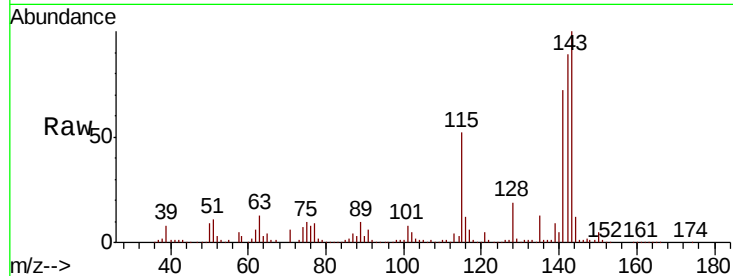
#38
1-Methylnaphthalene
Concen: 323.746 ng m
RT: 8.85 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Instrument :
BNA_F
ClientSampled :
MW-1ADL

Tot Ion	Ratio	Lower	Upper
142	100		
141	80.6	73.7	110.5
116	13.6	3.1	4.7#

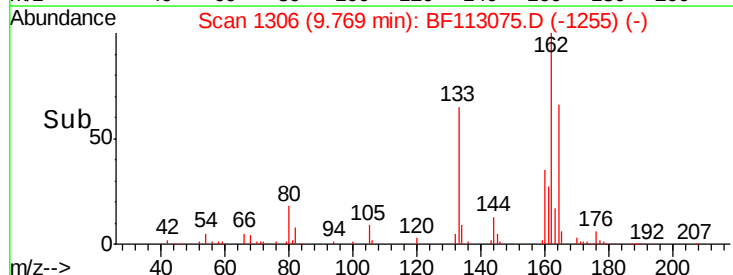
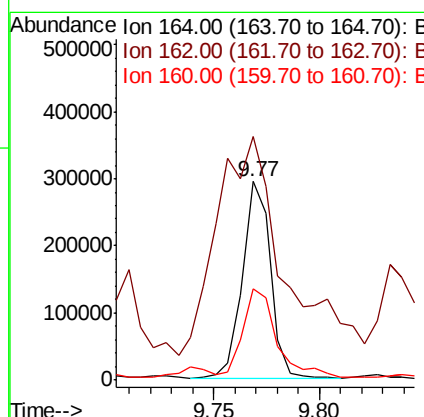
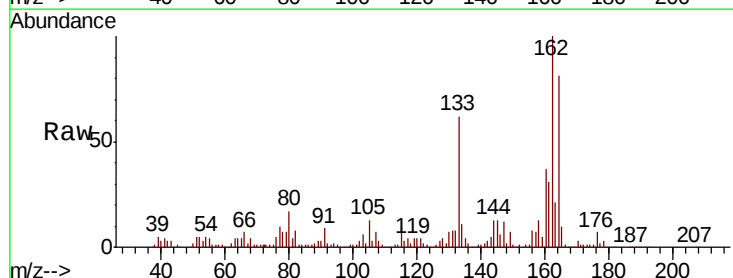
Manual Integrations
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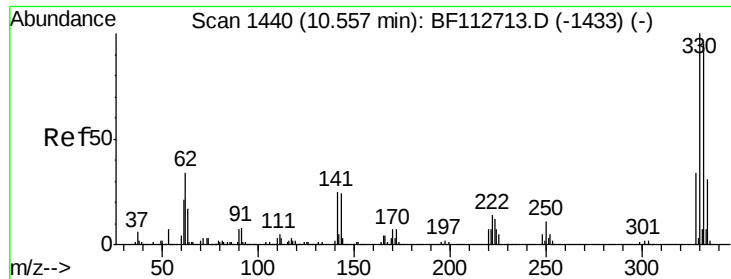
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	122.8	80.6	120.8#
160	45.9	36.0	54.0





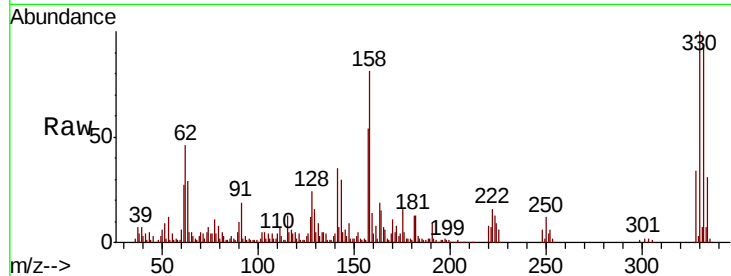
#42
 2,4,6-Tribromophenol
 Concen: 68.190 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF113075.D
 Acq: 15 Mar 2019 19:38

Instrument :
 BNA_F
 ClientSampled :
 MW-1ADL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	194296		
332	94.9	76.2	114.4	
141	34.8	27.0	40.6	

Manual Integrations
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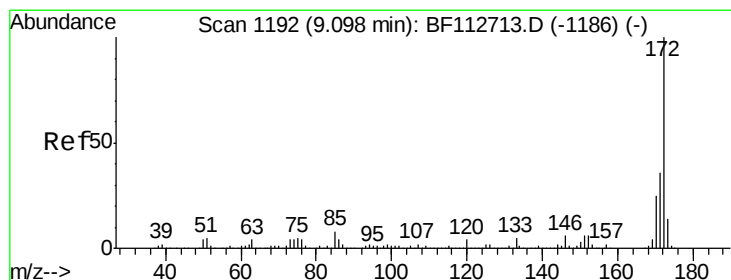
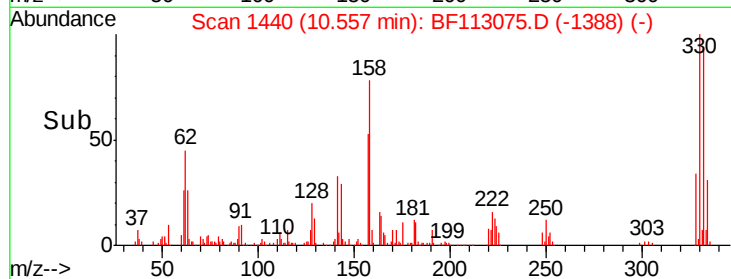
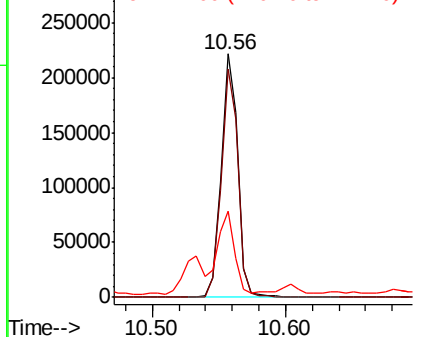


Abundance

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



#45
 2-Fluorobiphenyl
 Concen: 40.814 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF113075.D
 Acq: 15 Mar 2019 19:38

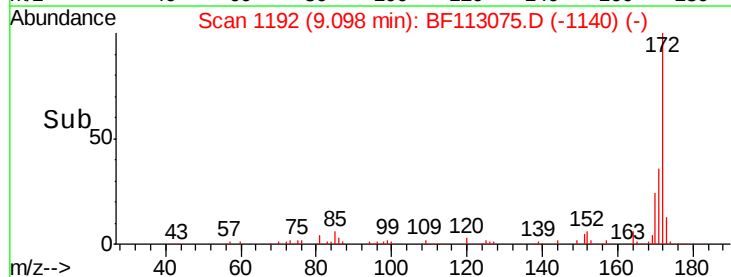
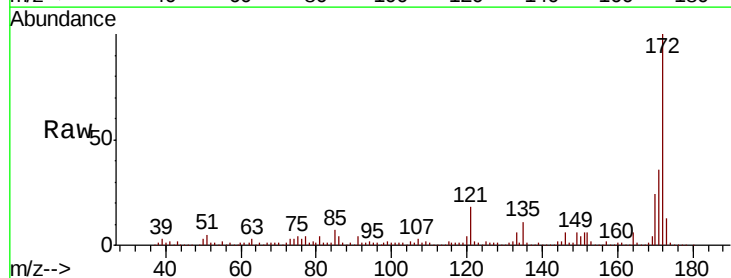
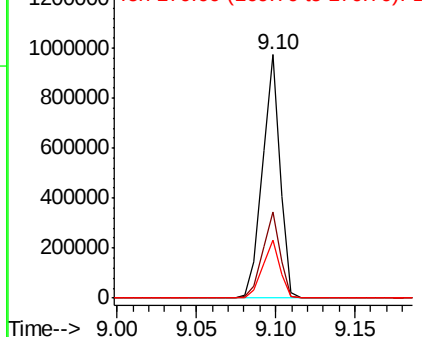
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	760500		
171	35.6	29.0	43.4	
170	24.1	20.0	30.0	

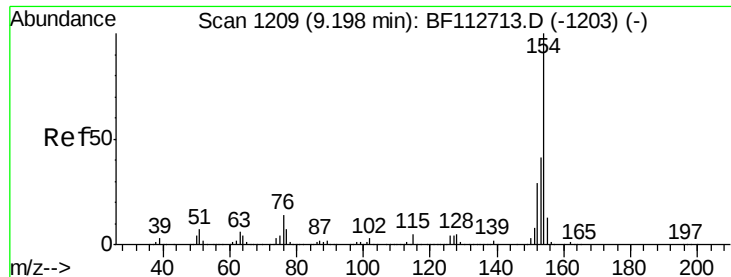
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





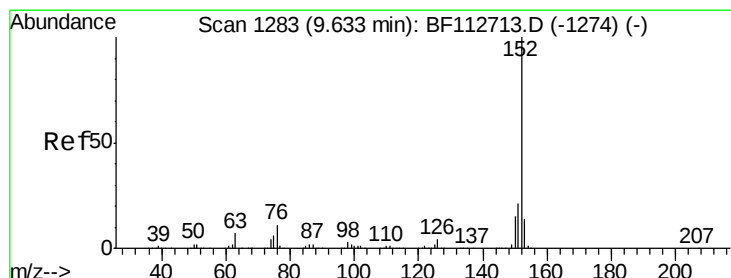
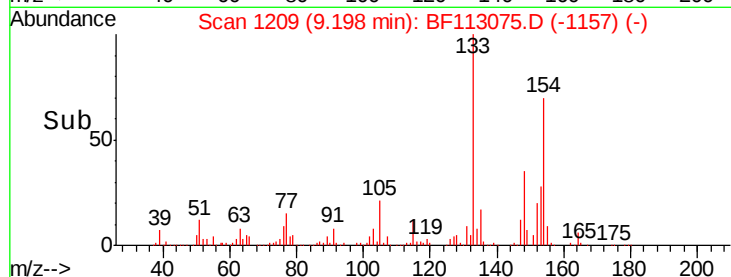
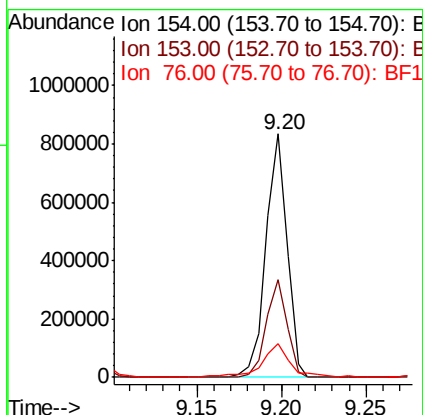
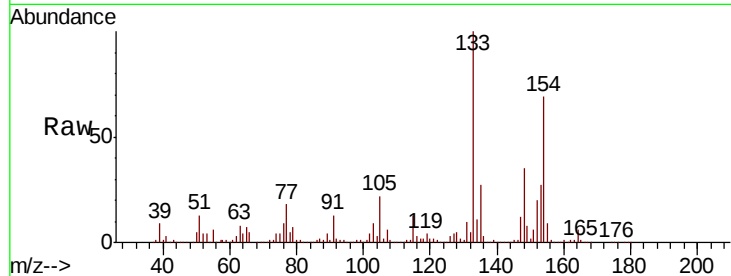
#46
 1,1'-Biphenyl
 Concen: 33.065 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF113075.D
 Acq: 15 Mar 2019 19:38

Instrument :
 BNA_F
 ClientSampled :
 MW-1ADL

Tot Ion:	154	Resp:	723845
Ion Ratio	Lower	Upper	
154	100		
153	39.9	20.8	60.8
76	13.8	0.0	33.8

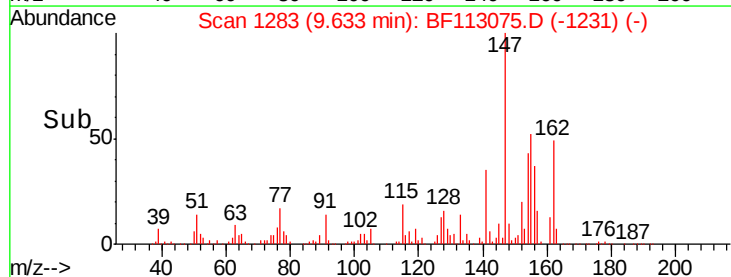
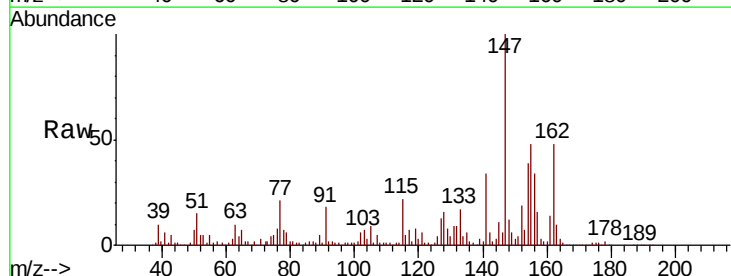
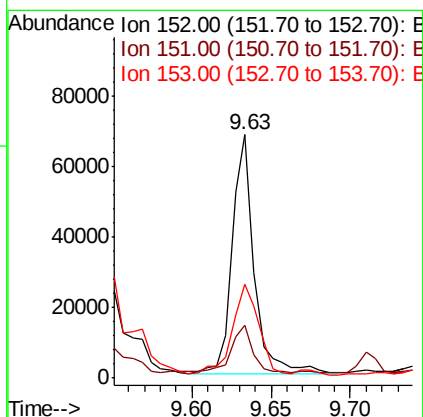
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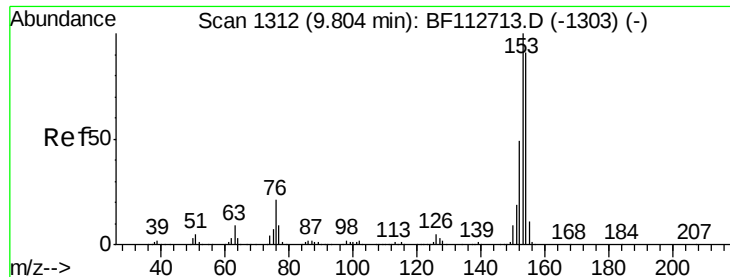
Sohil
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#49
 Acenaphthylene
 Concen: 2.258 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: BF113075.D
 Acq: 15 Mar 2019 19:38

Tgt Ion:	152	Resp:	65540
Ion Ratio	Lower	Upper	
152	100		
151	21.7	16.9	25.3
153	38.7	11.0	16.6#





#52

Acenaphthene

Concen: 45.939 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF113075.D

Acq: 15 Mar 2019 19:38

Instrument :

BNA_F

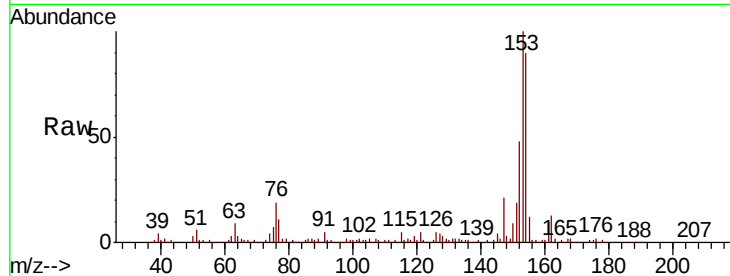
ClientSampleId :

MW-1ADL

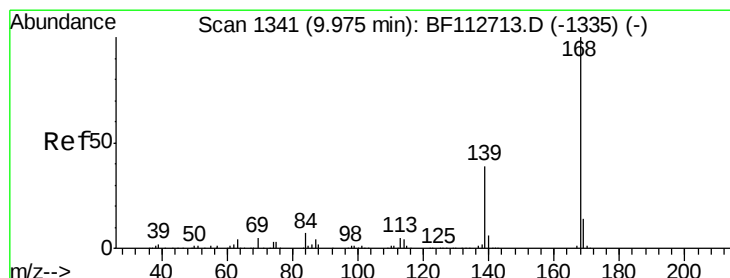
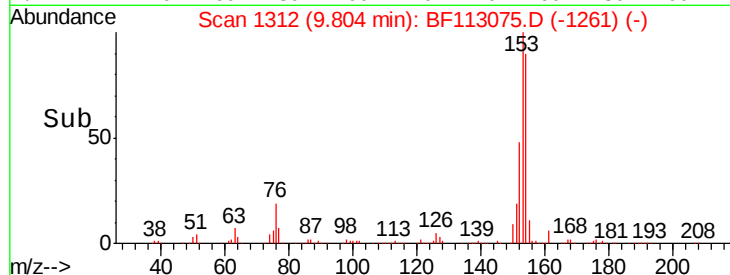
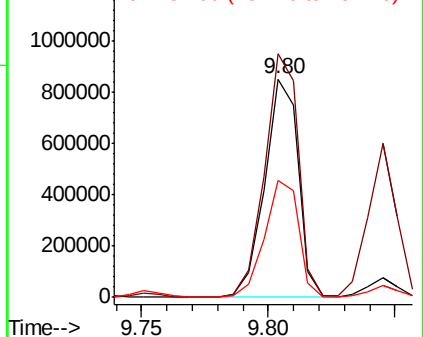
Tot Ion:	154	Resp:	779603
Ion Ratio	Lower	Upper	
154	100		
153	111.5	87.8	131.8
152	53.8	43.0	64.6

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 35.033 ng

RT: 9.97 min Scan# 1341

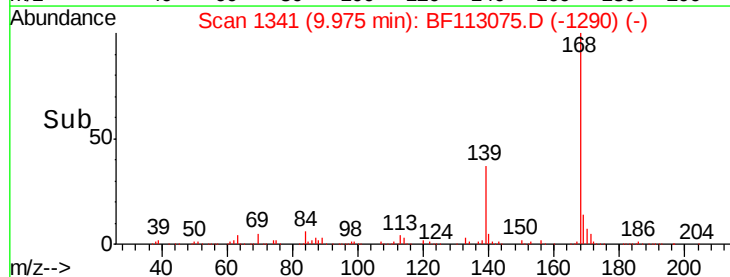
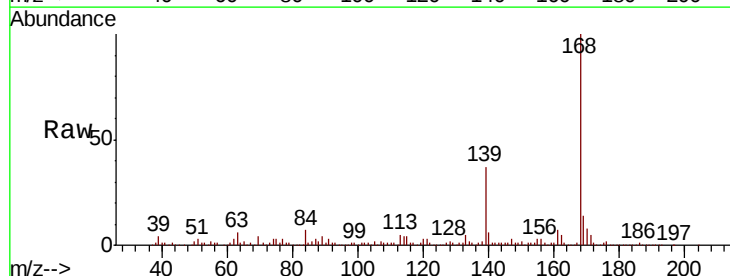
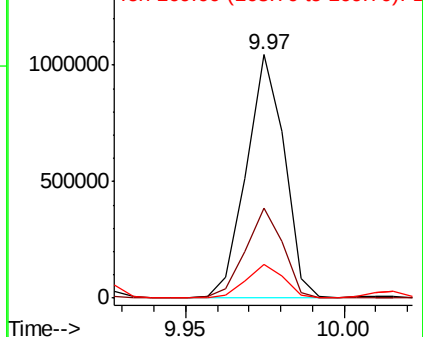
Delta R.T. -0.00 min

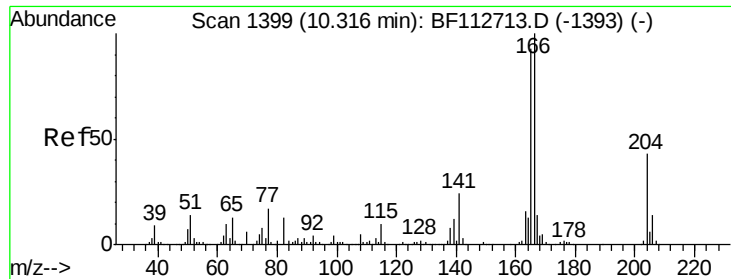
Lab File: BF113075.D

Acq: 15 Mar 2019 19:38

Tgt Ion:	168	Resp:	864071
Ion Ratio	Lower	Upper	
168	100		
139	36.9	31.3	46.9
169	13.9	11.3	16.9

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





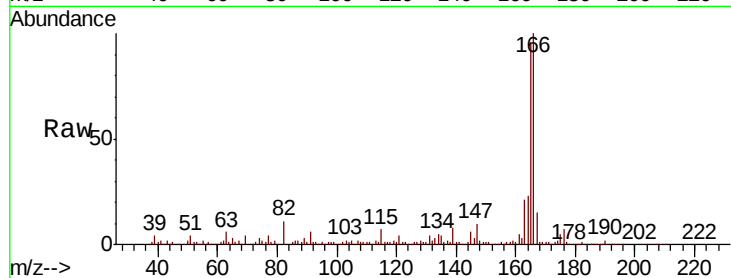
#58
 Fluorene
 Concen: 28.130 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF113075.D
 Acq: 15 Mar 2019 19:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.9	74.7	112.1
167	14.5	11.0	16.6

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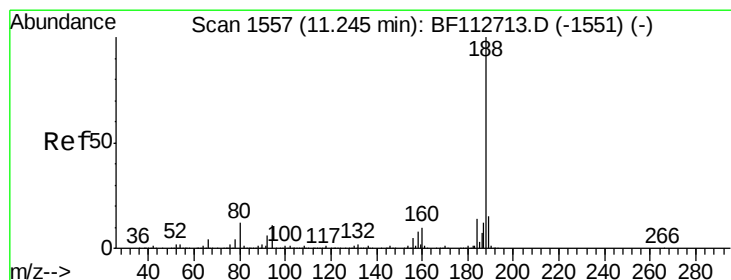
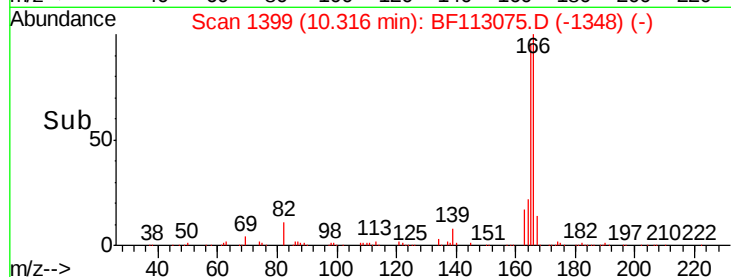
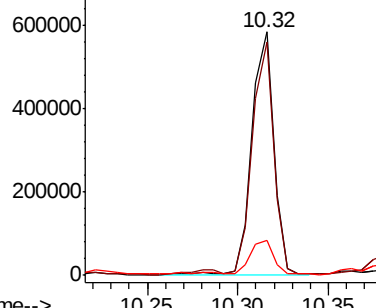


Abundance

Ion 166.00 (165.70 to 166.70): E

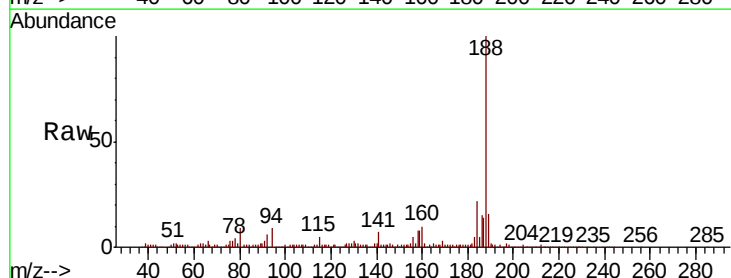
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF113075.D
 Acq: 15 Mar 2019 19:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.0	13.4
80	9.3	9.2	13.8

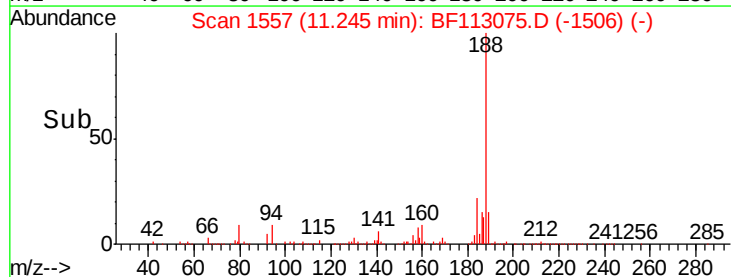
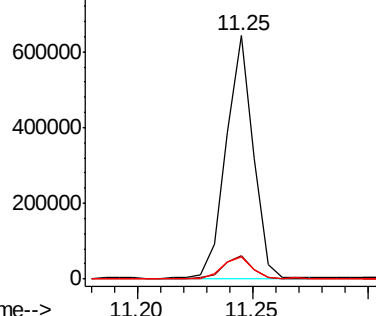


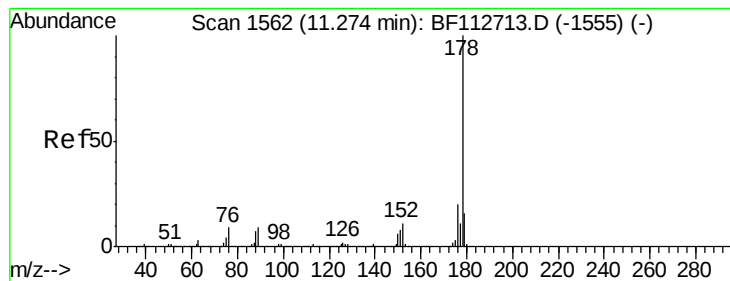
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





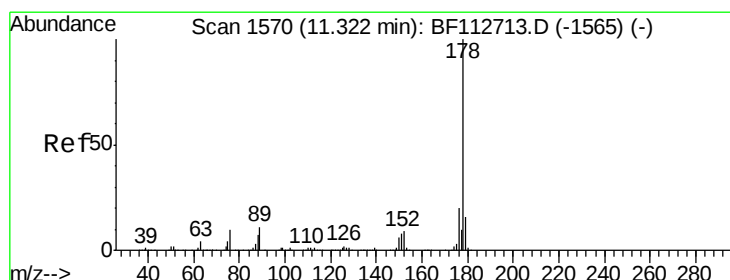
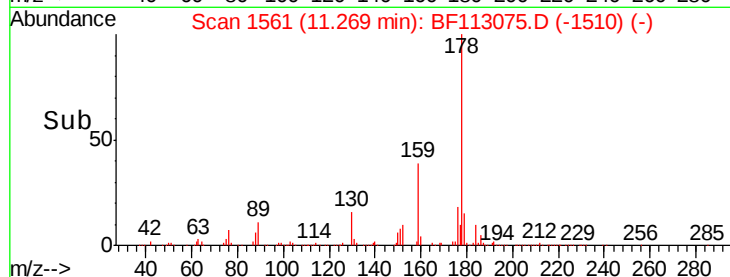
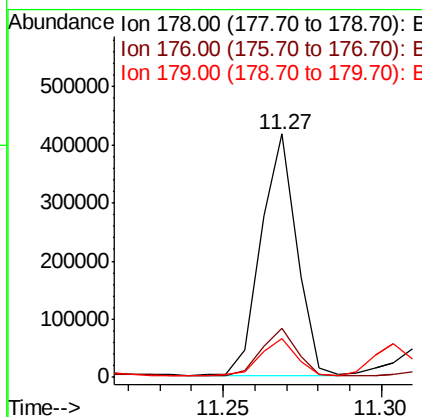
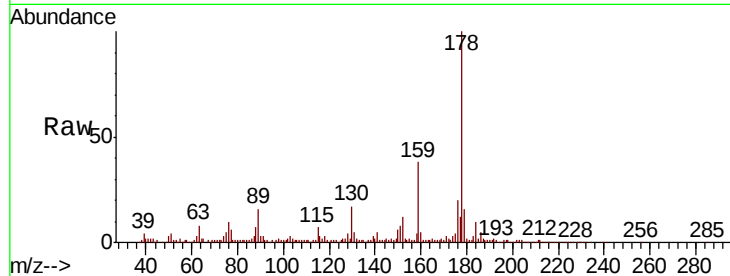
#71
Phenanthrene
Concen: 12.464 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.00 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Instrument :
BNA_F
ClientSampled :
MW-1ADL

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.3	24.5
179	15.9	12.7	19.1

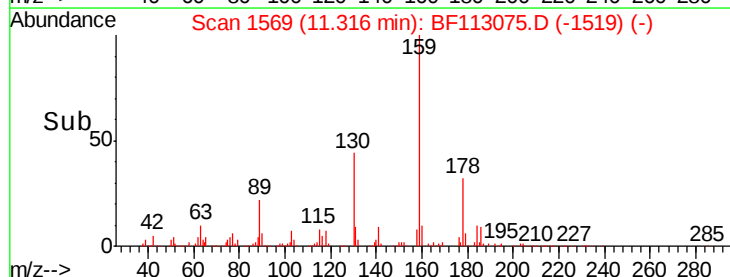
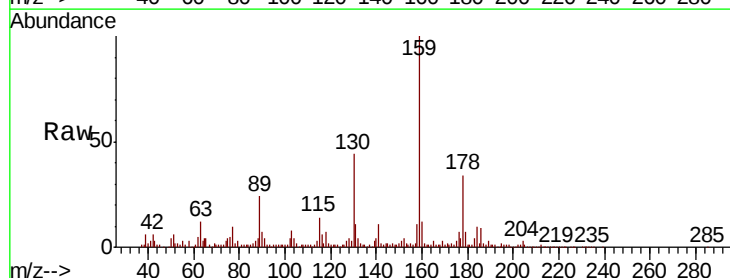
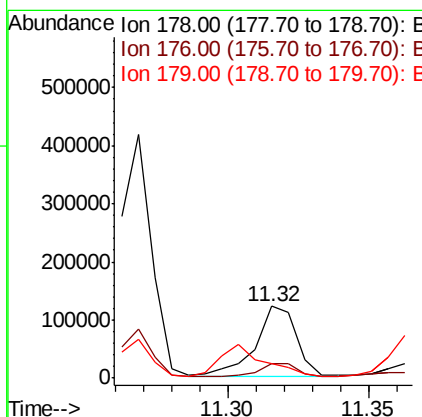
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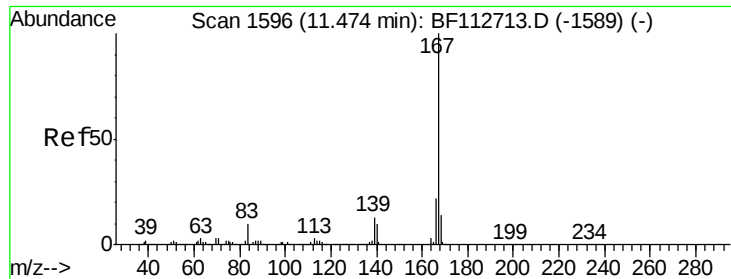
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#72
Anthracene
Concen: 4.387 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF113075.D
Acq: 15 Mar 2019 19:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.8	23.6
179	19.4	13.0	19.6





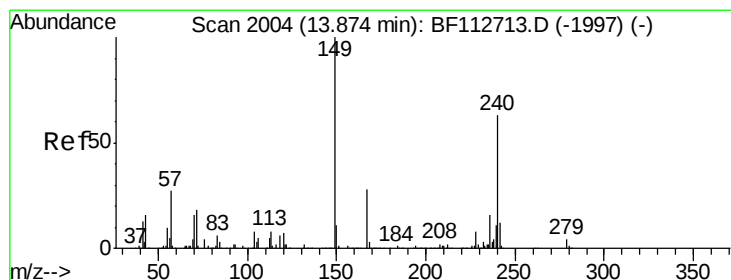
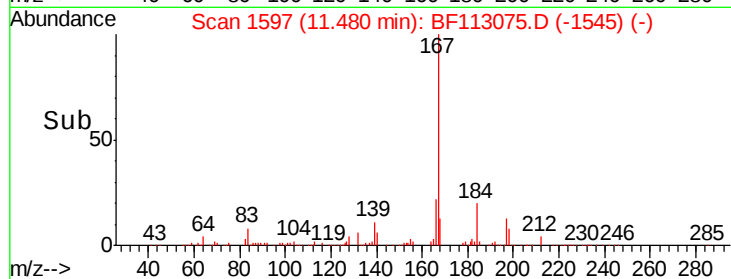
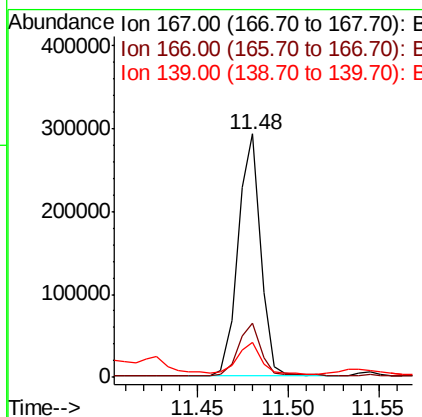
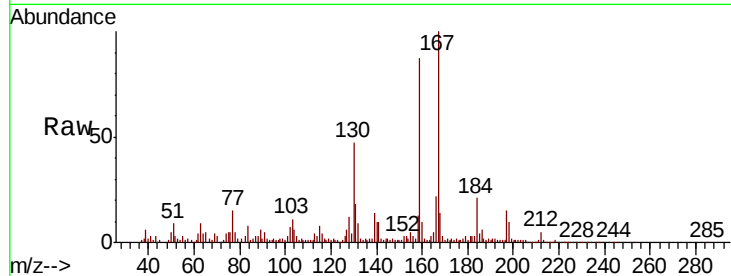
#73
 Carbazole
 Concen: 9.513 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BF113075.D
 Acq: 15 Mar 2019 19:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL

Tot Ion:	167	Resp:	252773
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.5	26.3
139	14.1	10.8	16.2

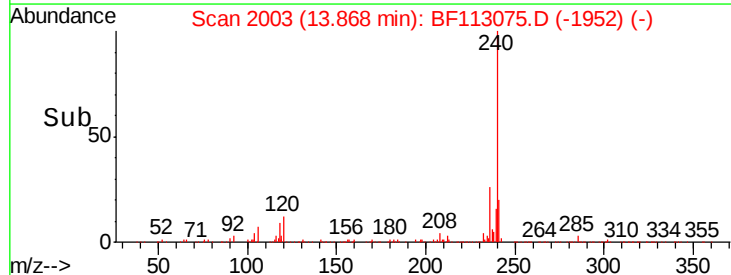
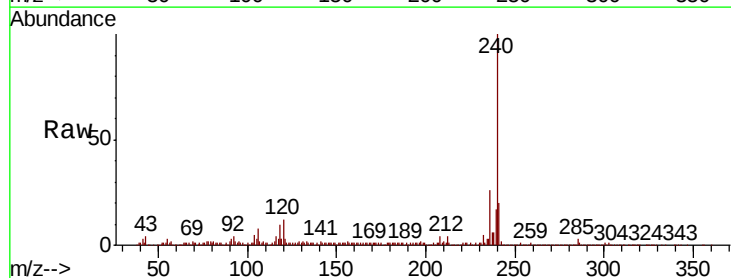
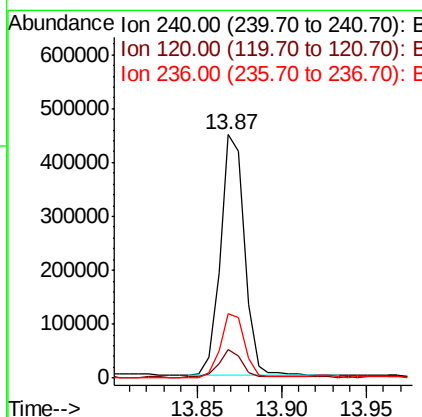
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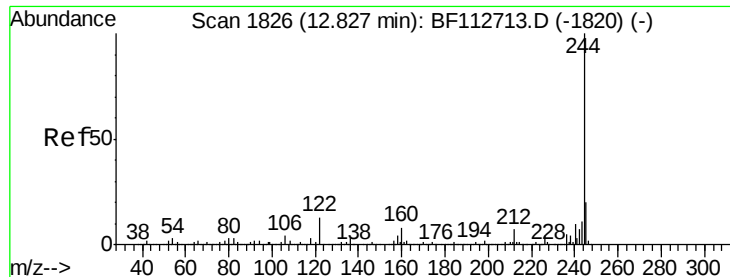
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.00 min
 Lab File: BF113075.D
 Acq: 15 Mar 2019 19:38

Tgt Ion:	240	Resp:	444027
Ion Ratio	Lower	Upper	
240	100		
120	12.0	8.9	13.3
236	26.3	20.7	31.1





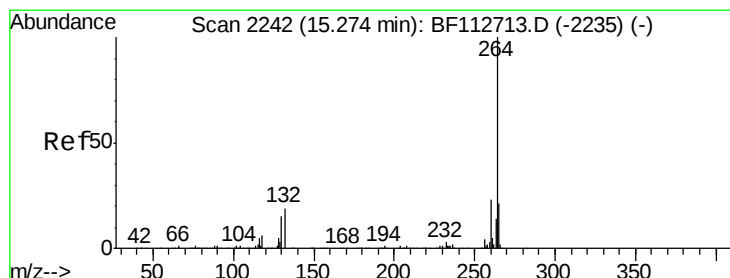
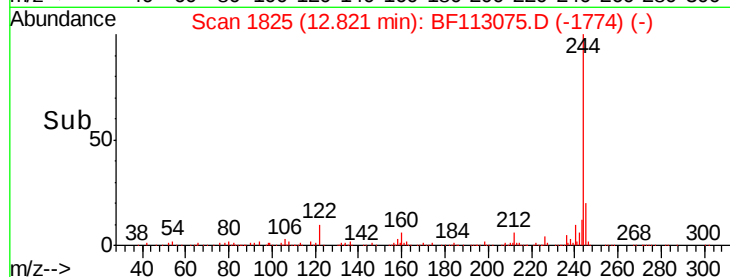
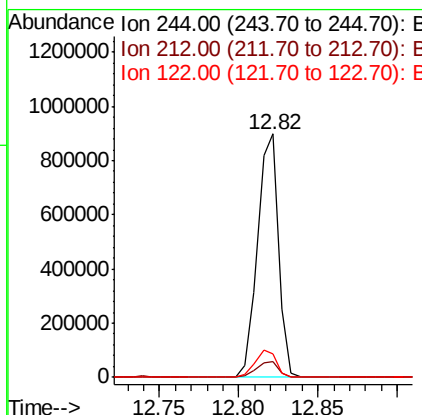
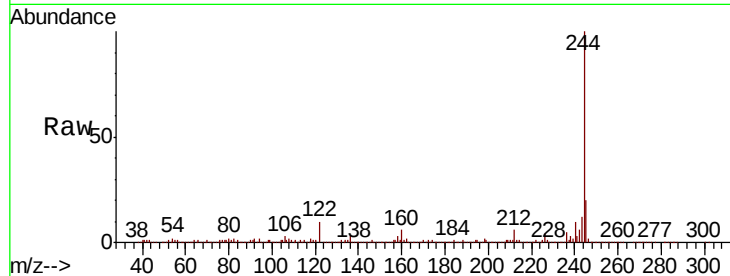
#79
 Terphenyl-d14
 Concen: 36.179 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113075.D
 Acq: 15 Mar 2019 19:38

Instrument :
 BNA_F
 ClientSampleId :
 MW-1ADL

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.6	8.4
122	9.8	10.5	15.7

Manual Integrations
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. 0.01 min
 Lab File: BF113075.D
 Acq: 15 Mar 2019 19:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.6	17.2	25.8

