

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090919\
 Data File : BF116910.D
 Acq On : 9 Sep 2019 21:26
 Operator : HP/JU
 Sample : K4752-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Quant Time: Sep 10 03:03:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

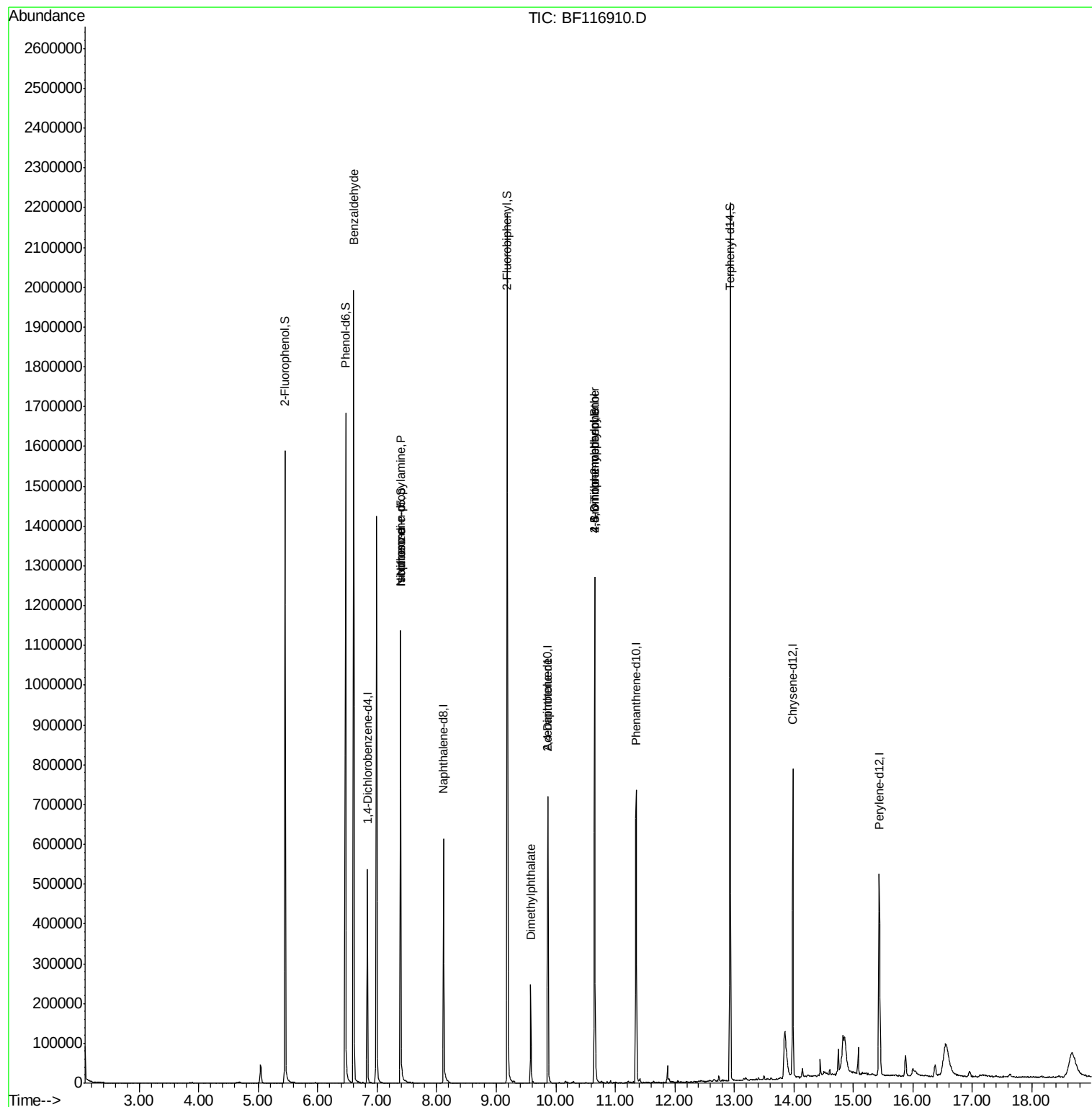
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	75976	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	310828	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	164407	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	287005	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	244727	20.00	ng	-0.02
87) Perylene-d12	15.43	264	238256	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	462513	98.62	ng	-0.01
7) Phenol-d6	6.47	99	634145	102.98	ng	-0.01
23) Nitrobenzene-d5	7.39	82	397431	72.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	143120	130.22	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	680380	69.81	ng	-0.02
79) Terphenyl-d14	12.93	244	755083	57.08	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.60	77	11915	2.937	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.39	70	51345	12.663	ng	# 72
25) Isophorone	7.39	82	397428	36.022	ng	# 66
50) Dimethylphthalate	9.58	163	111519	9.825	ng	96
57) 2,4-Dinitrotoluene	9.87	165	21123	7.977	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.65	198	300	7.691	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	9652	3.310	ng	# 1

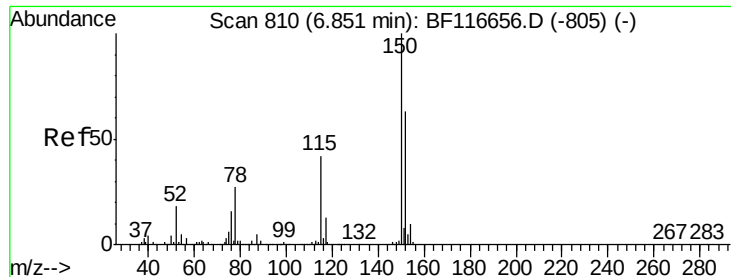
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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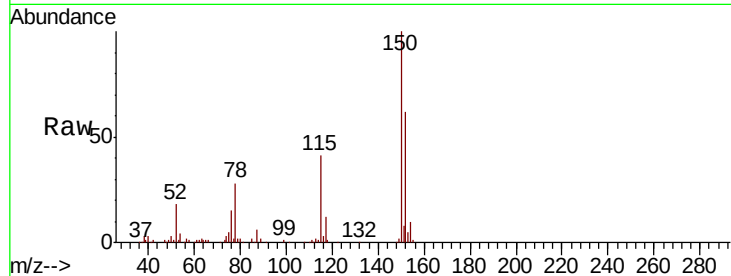


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116910.D
Acq: 9 Sep 2019 21:26

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.4	186.6
115	66.2	49.9	74.9

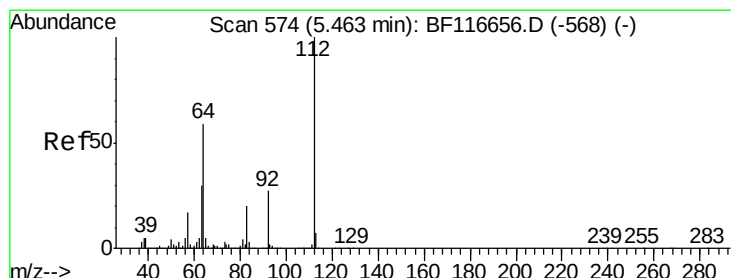
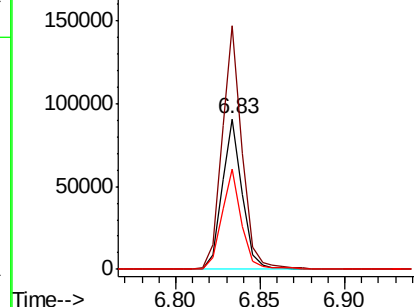
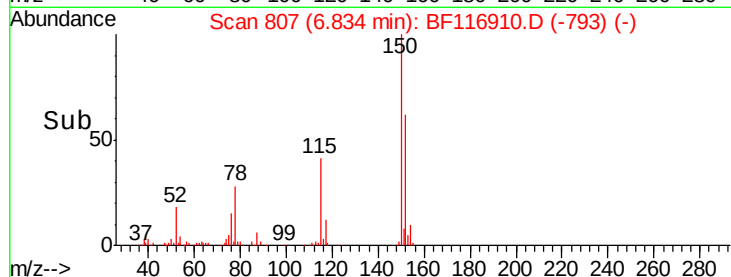


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

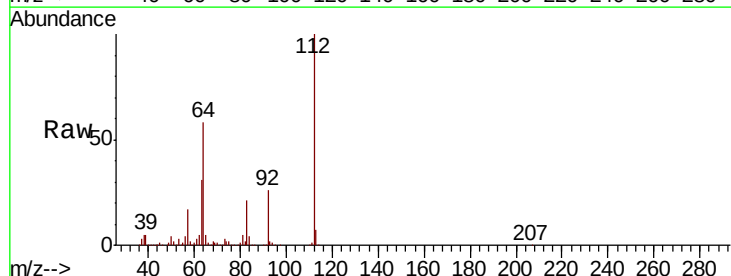
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.623 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116910.D
Acq: 9 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	47.1	70.7
63	31.1	24.9	37.3

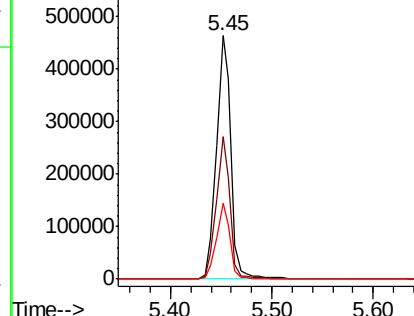
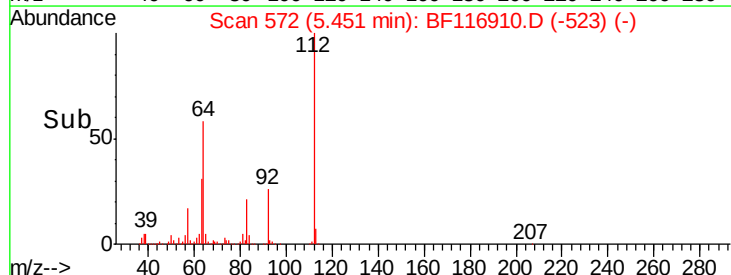


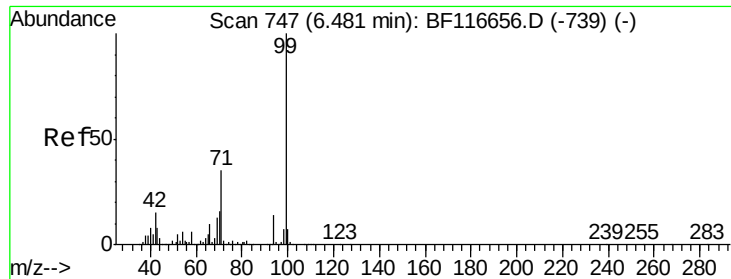
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.977 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116910.D

Acq: 9 Sep 2019 21:26

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

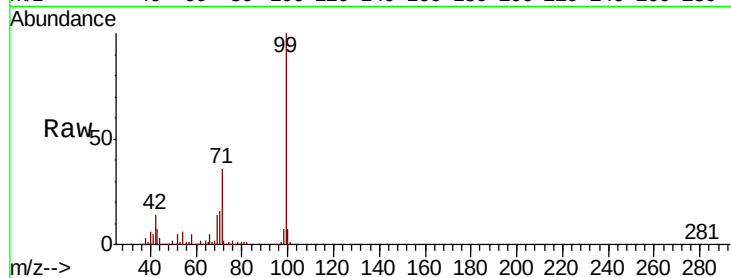
Tgt Ion: 99 Resp: 634145

Ion Ratio Lower Upper

99 100

42 14.3 13.7 20.5

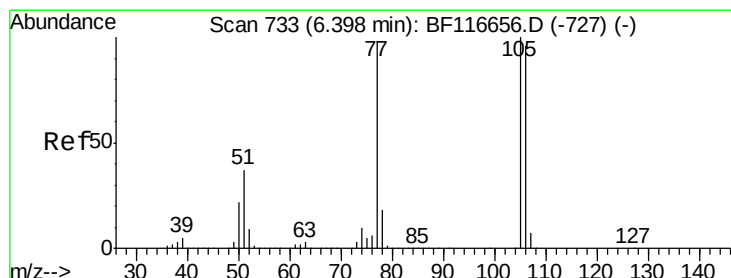
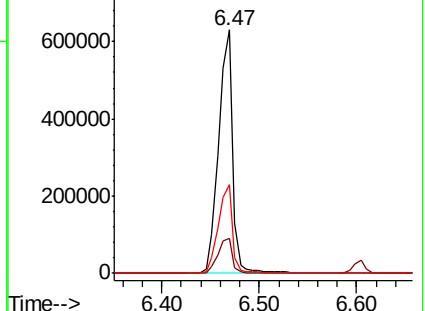
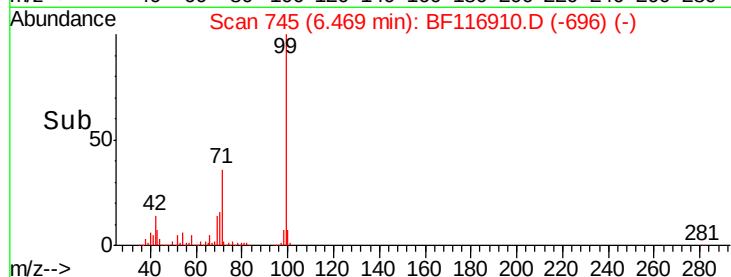
71 36.4 30.8 46.2



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



#9

Benzaldehyde

Concen: 2.937 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.21 min

Lab File: BF116910.D

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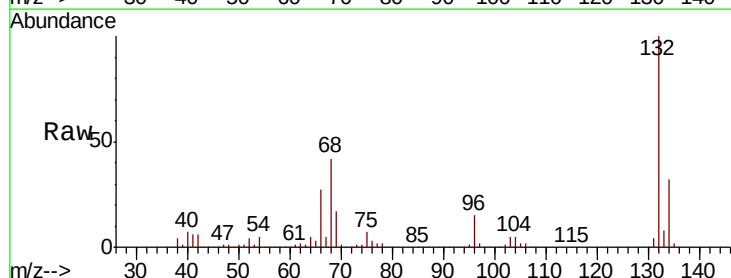
Tgt Ion: 77 Resp: 11915

Ion Ratio Lower Upper

77 100

105 84.0 76.7 116.7

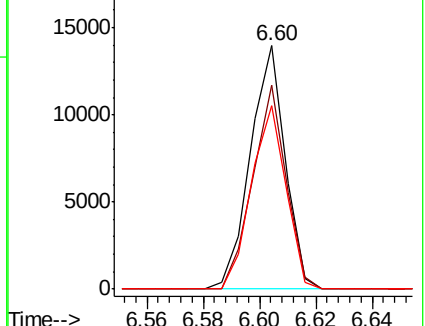
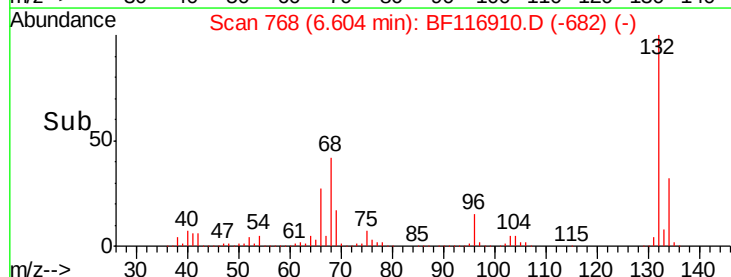
106 75.2 73.1 113.1

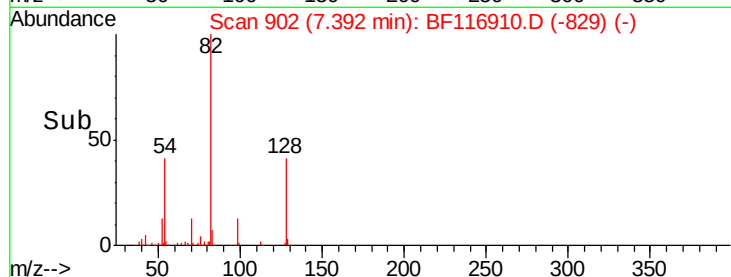
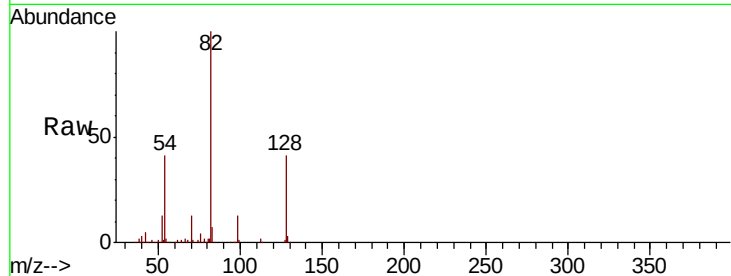
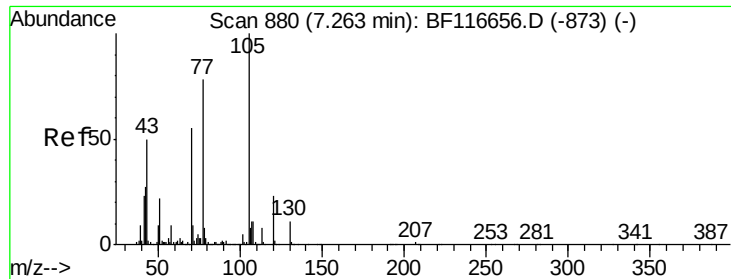


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

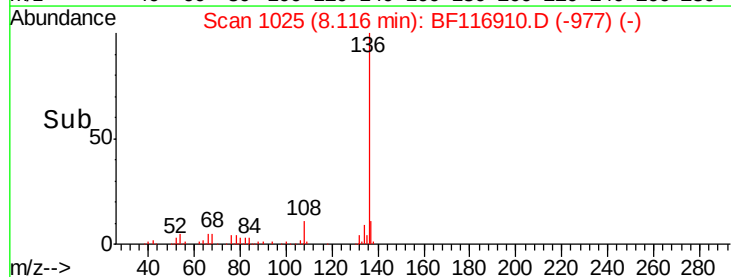
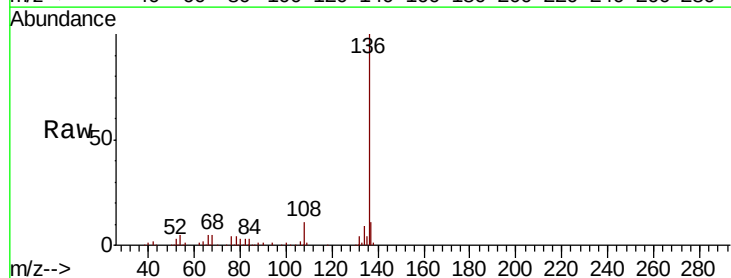
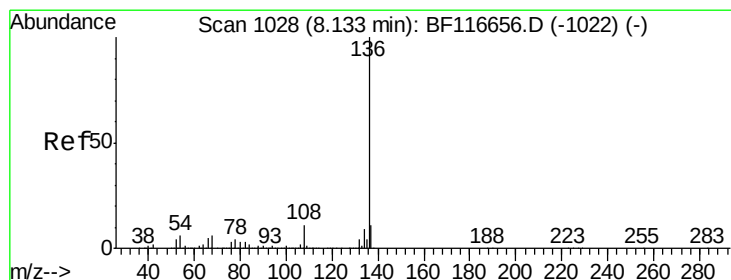
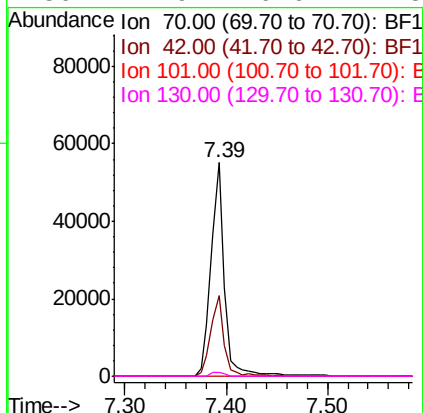




#19
n-Nitroso-di-n-propylamine
Concen: 12.663 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.13 min
Lab File: BF116910.D
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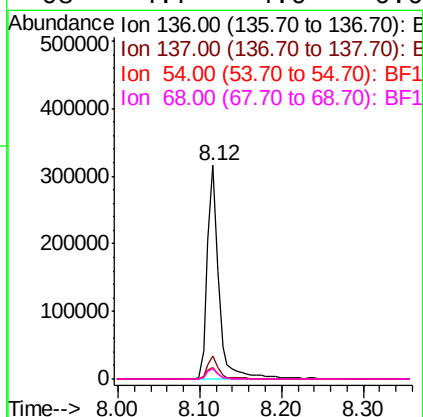
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SB-14-COMP

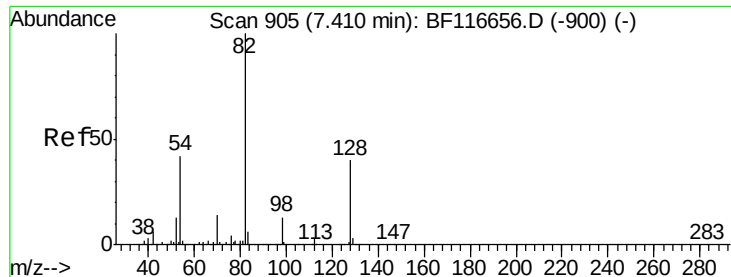
Tgt Ion:	70	Resp:	51345
Ion	Ratio	Lower	Upper
70	100		
42	37.5	43.5	65.3#
101	0.0	7.8	11.6#
130	1.9	16.6	24.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.02 min
Lab File: BF116910.D
Acq: 9 Sep 2019 21:26

Tgt Ion:	136	Resp:	310828
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.4	4.8	7.2
68	4.7	4.0	6.0

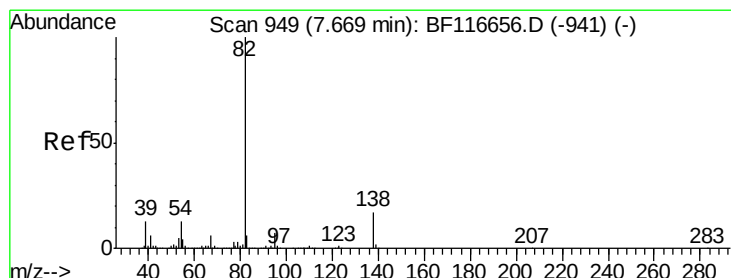
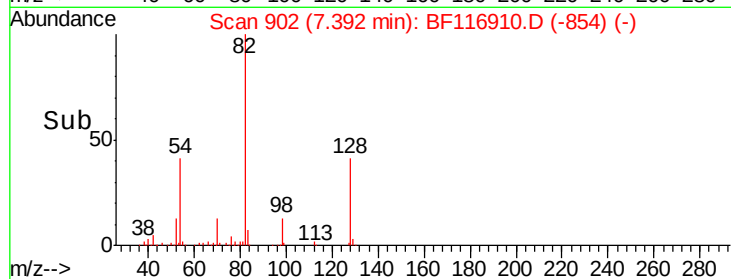
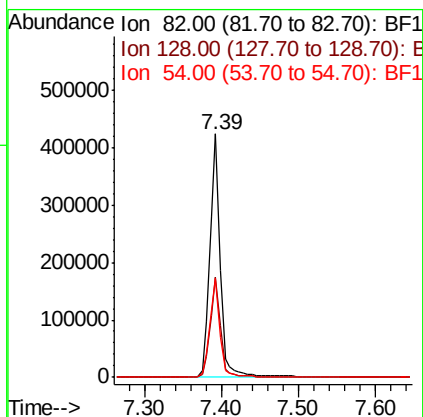
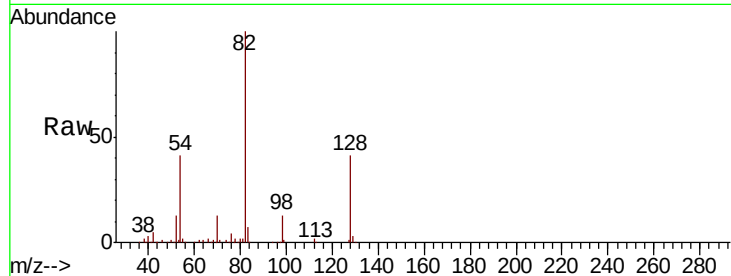




#23
 Nitrobenzene-d5
 Concen: 72.993 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116910.D
 Acq: 9 Sep 2019 21:26

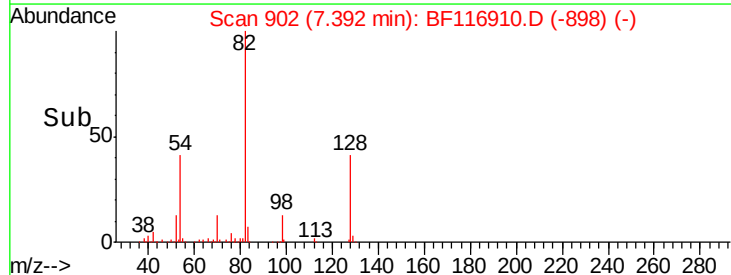
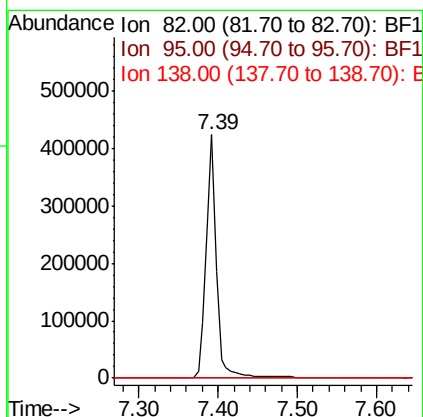
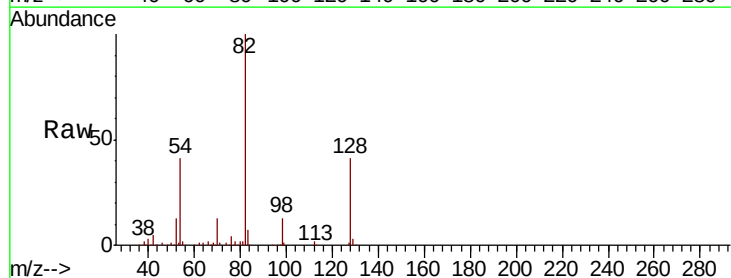
Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

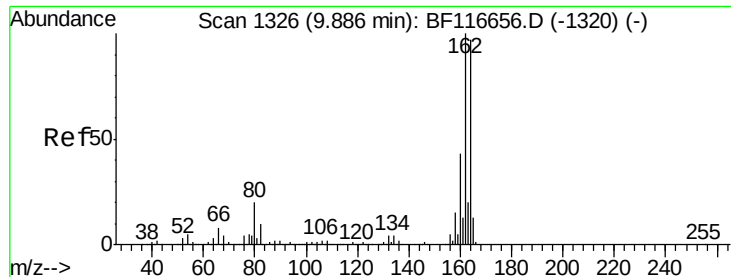
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	40.7	36.9	55.3



#25
 Isophorone
 Concen: 36.022 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.28 min
 Lab File: BF116910.D
 Acq: 9 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	13.5	20.3#

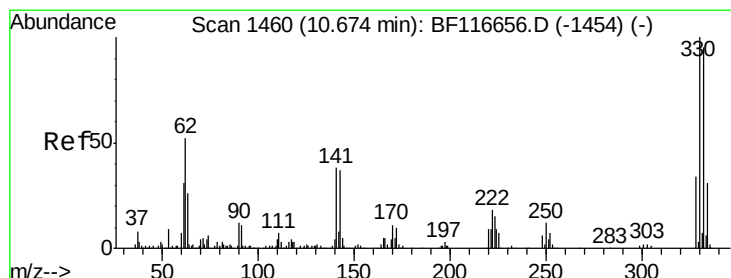
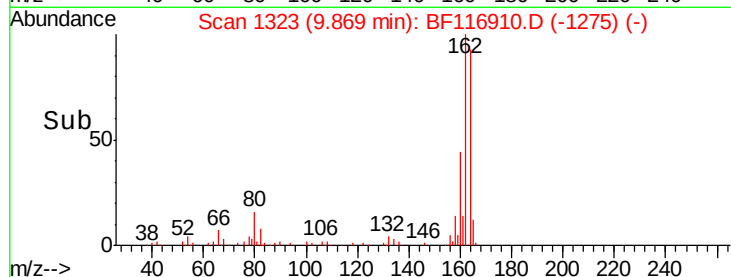
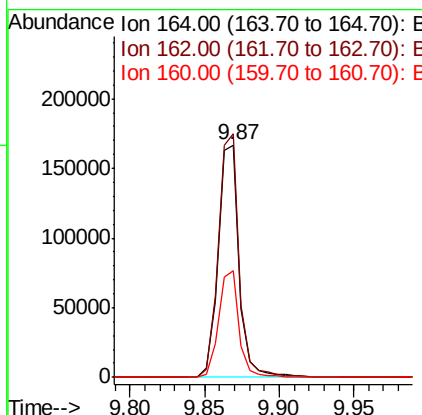
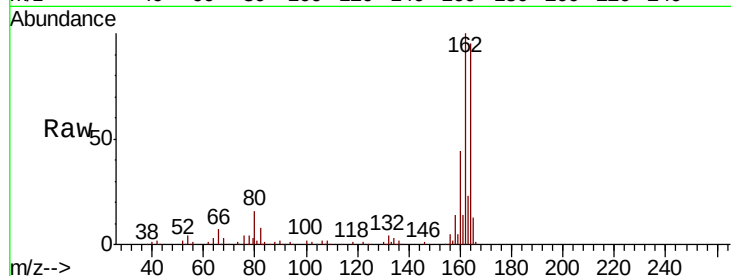




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116910.D
 Acq: 9 Sep 2019 21:26

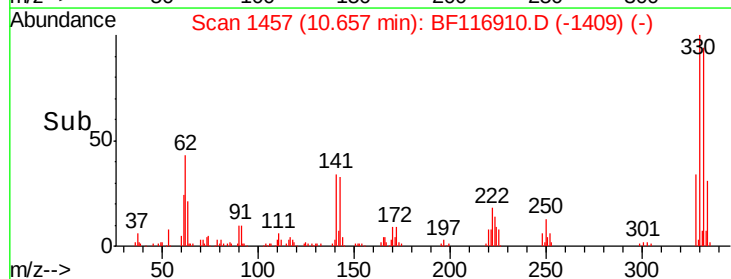
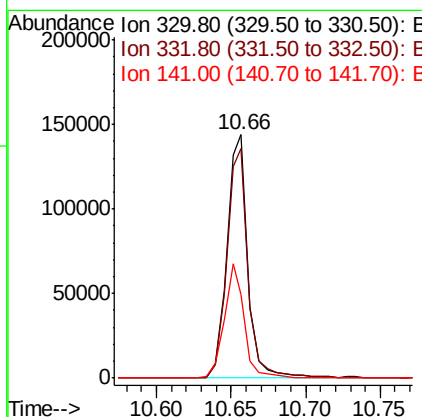
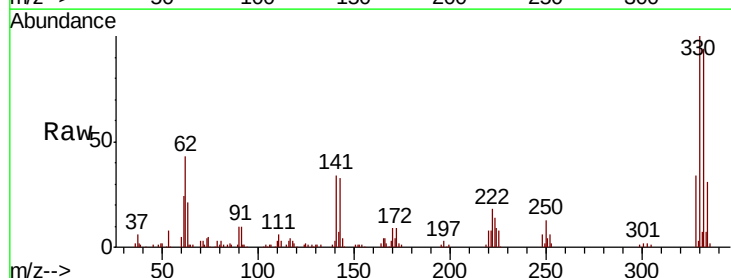
Instrument :
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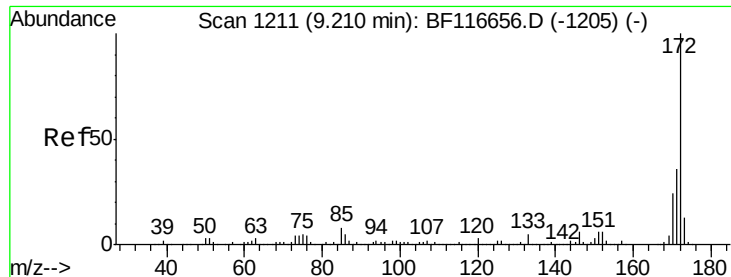
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.4	122.0
160	45.9	35.4	53.2



#42
 2,4,6-Tribromophenol
 Concen: 130.216 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF116910.D
 Acq: 9 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.9	115.3
141	44.7	31.4	47.2

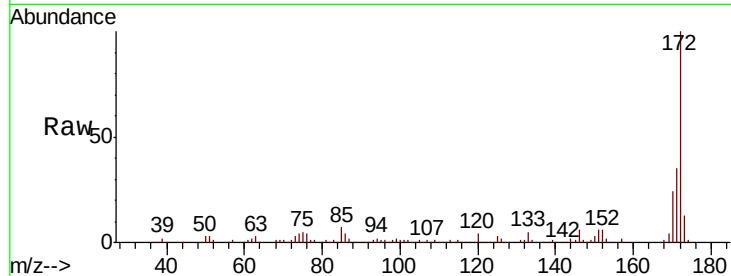




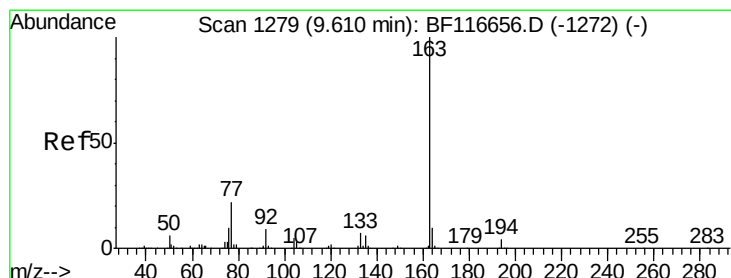
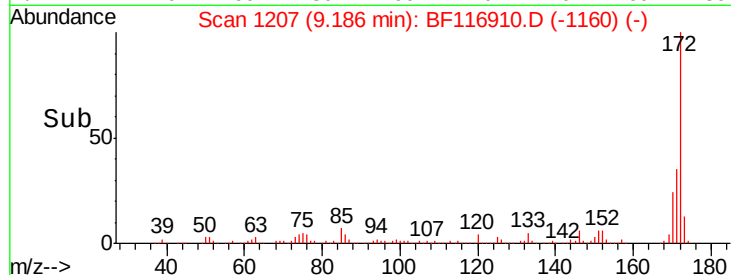
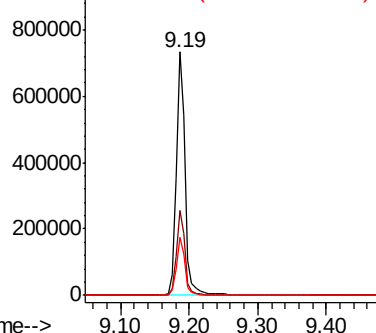
#45
 2-Fluorobiphenyl
 Concen: 69.810 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116910.D
 Acq: 9 Sep 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Tgt Ion:172 Resp: 680380
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.8 41.6
 170 23.8 18.9 28.3

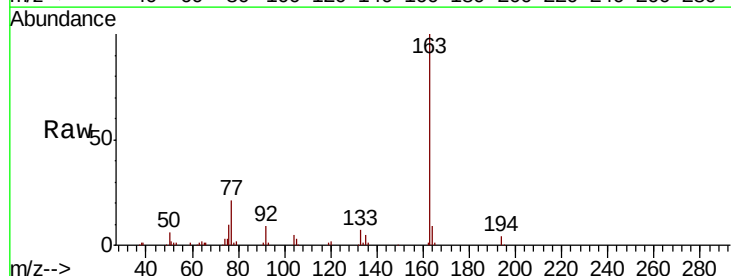


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

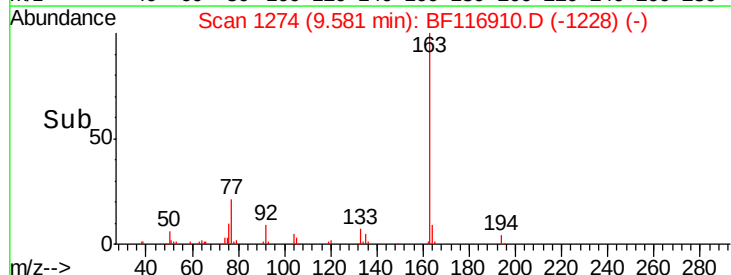
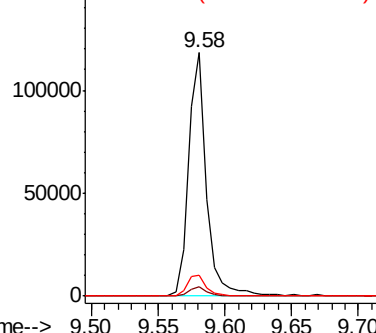


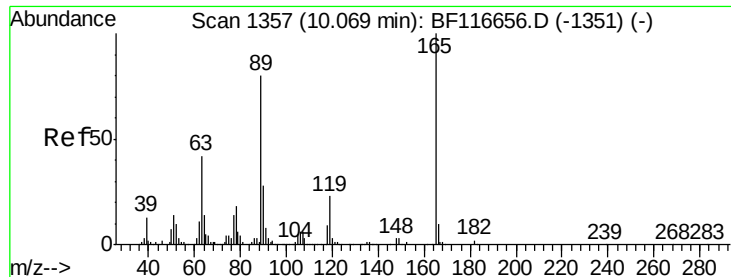
#50
 Dimethylphthalate
 Concen: 9.825 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BF116910.D
 Acq: 9 Sep 2019 21:26

Tgt Ion:163 Resp: 111519
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.8 4.2
 164 8.8 8.6 12.8



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

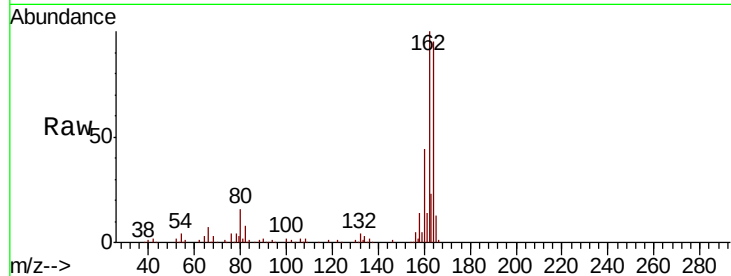




#57
 2,4-Dinitrotoluene
 Concen: 7.977 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.20 min
 Lab File: BF116910.D
 Acq: 9 Sep 2019 21:26

Instrument :
 BNA_F
 ClientSampleId :
 SB-14-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#



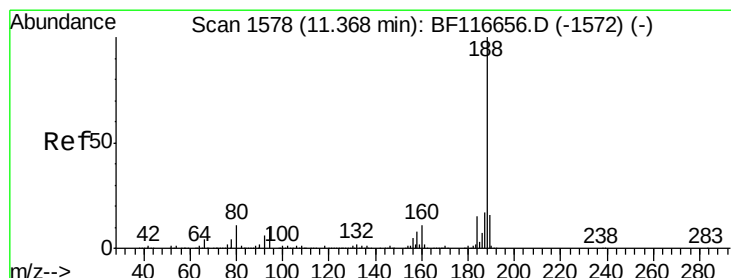
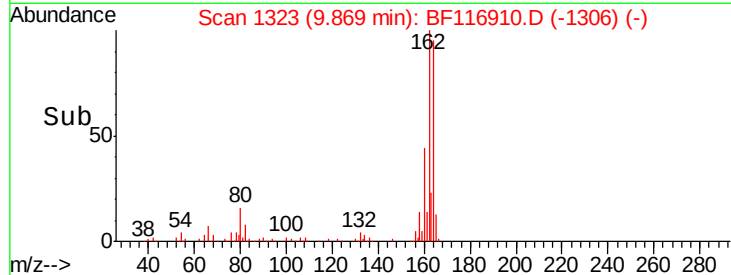
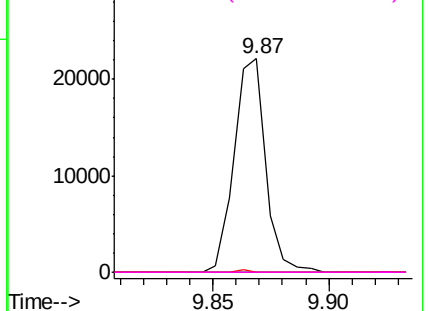
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

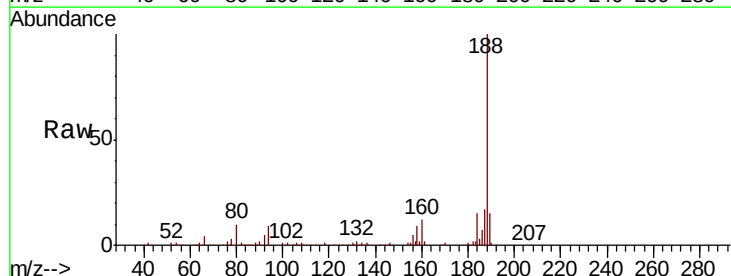
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF116910.D
 Acq: 9 Sep 2019 21:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.3	10.9
80	9.6	8.4	12.6

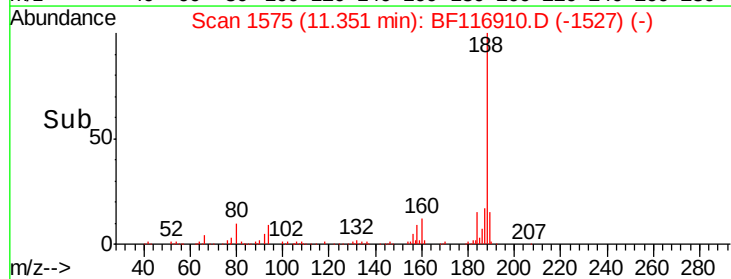
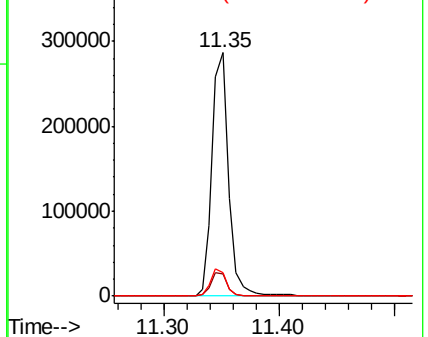


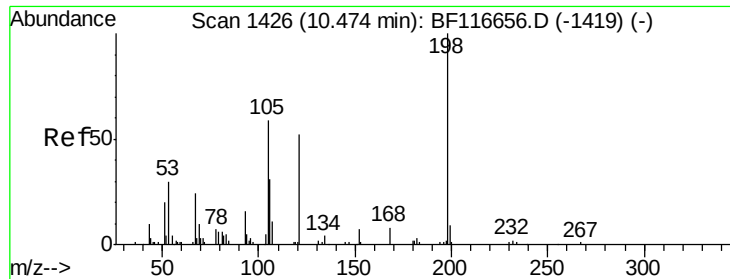
Abundance

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





#65

4,6-Dinitro-2-methylphenol

Concen: 7.691 ng

RT: 10.65 min Scan# 1456

Delta R.T. 0.18 min

Lab File: BF116910.D

Acq: 9 Sep 2019 21:26

Instrument :

BNA_F

ClientSampleId :

SB-14-COMP

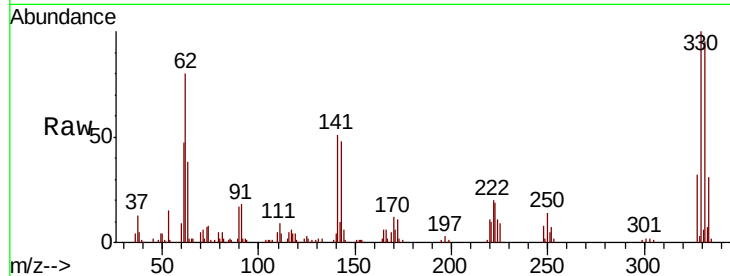
Tgt Ion:198 Resp: 300

Ion Ratio Lower Upper

198 100

51 162.5 18.4 58.4#

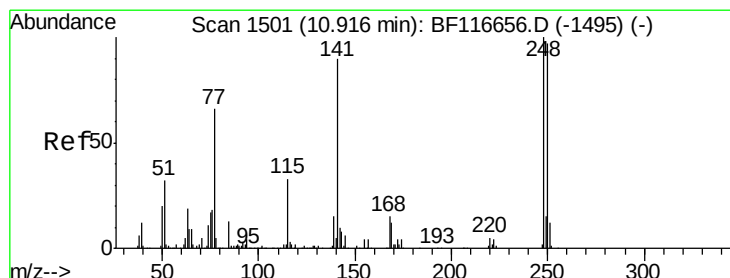
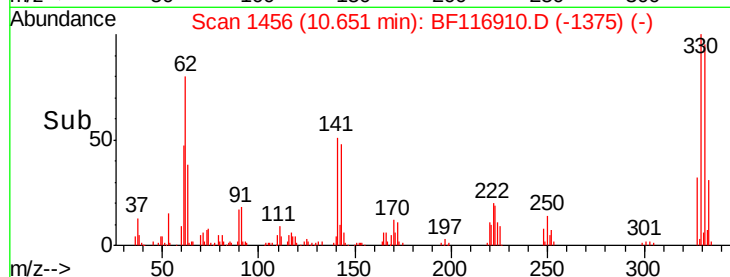
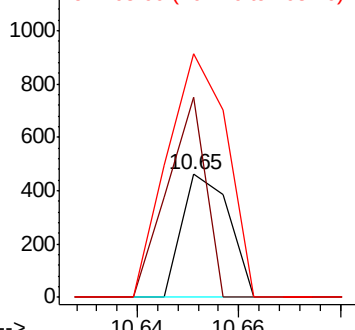
105 198.0 22.9 62.9#



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



#67

4-Bromophenyl-phenylether

Concen: 3.310 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.26 min

Lab File: BF116910.D

Acq: 9 Sep 2019 21:26

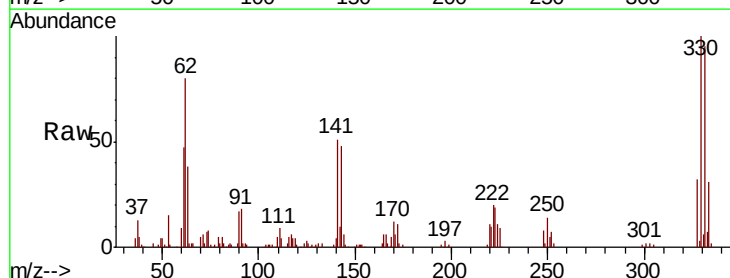
Tgt Ion:248 Resp: 9652

Ion Ratio Lower Upper

248 100

250 189.6 77.8 116.8#

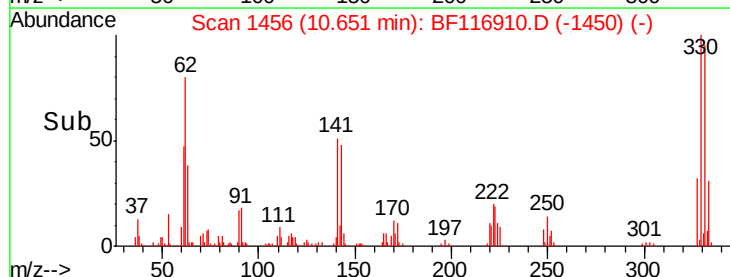
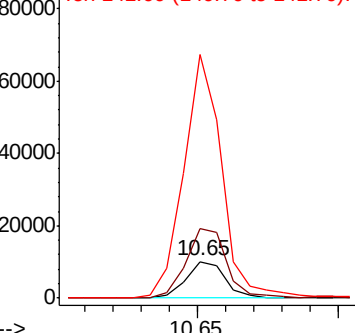
141 667.0 75.9 113.9#

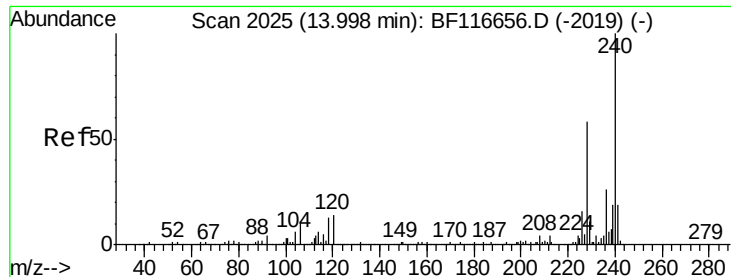


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

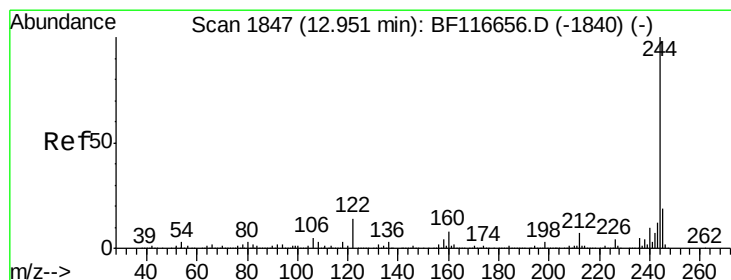
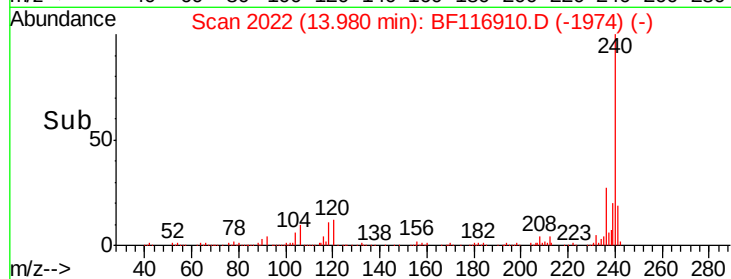
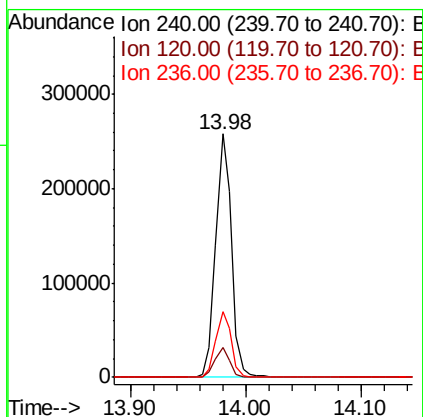
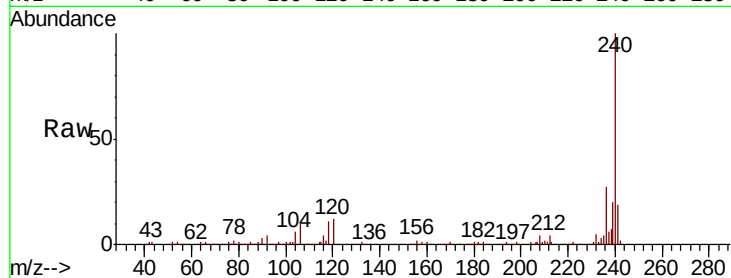




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116910.D
Acq: 9 Sep 2019 21:26

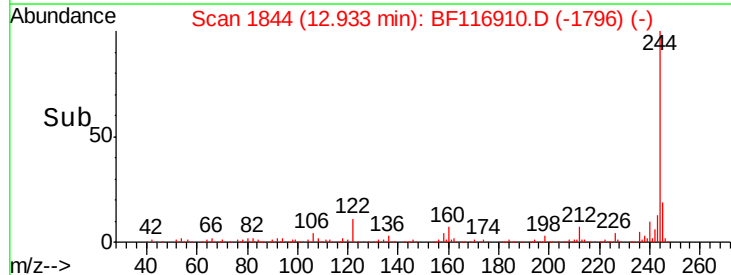
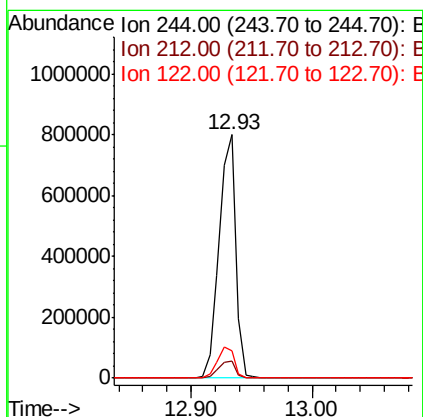
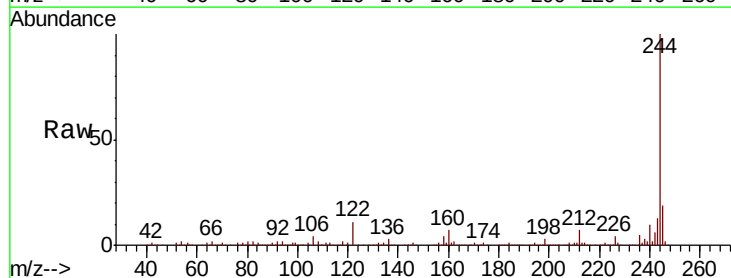
Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

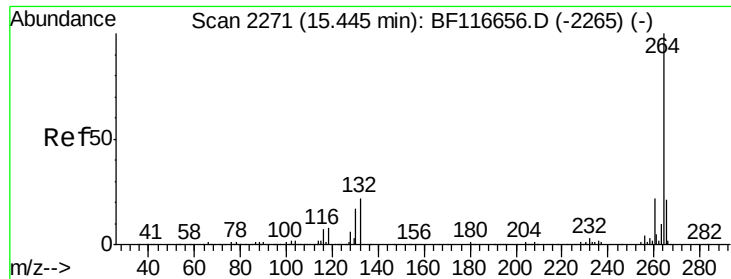
Tgt Ion:240 Resp: 244727
Ion Ratio Lower Upper
240 100
120 12.2 9.1 13.7
236 26.8 21.1 31.7



#79
Terphenyl-d14
Concen: 57.078 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116910.D
Acq: 9 Sep 2019 21:26

Tgt Ion:244 Resp: 755083
Ion Ratio Lower Upper
244 100
212 6.8 6.1 9.1
122 11.3 10.2 15.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF116910.D
Acq: 9 Sep 2019 21:26

Instrument :
BNA_F
ClientSampleId :
SB-14-COMP

Tgt Ion:	264	Resp:	238256
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.4	16.5	24.7

