

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116142.D
 Acq On : 10 Aug 2019 11:22
 Operator : HP/JU
 Sample : K4254-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:54:01 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

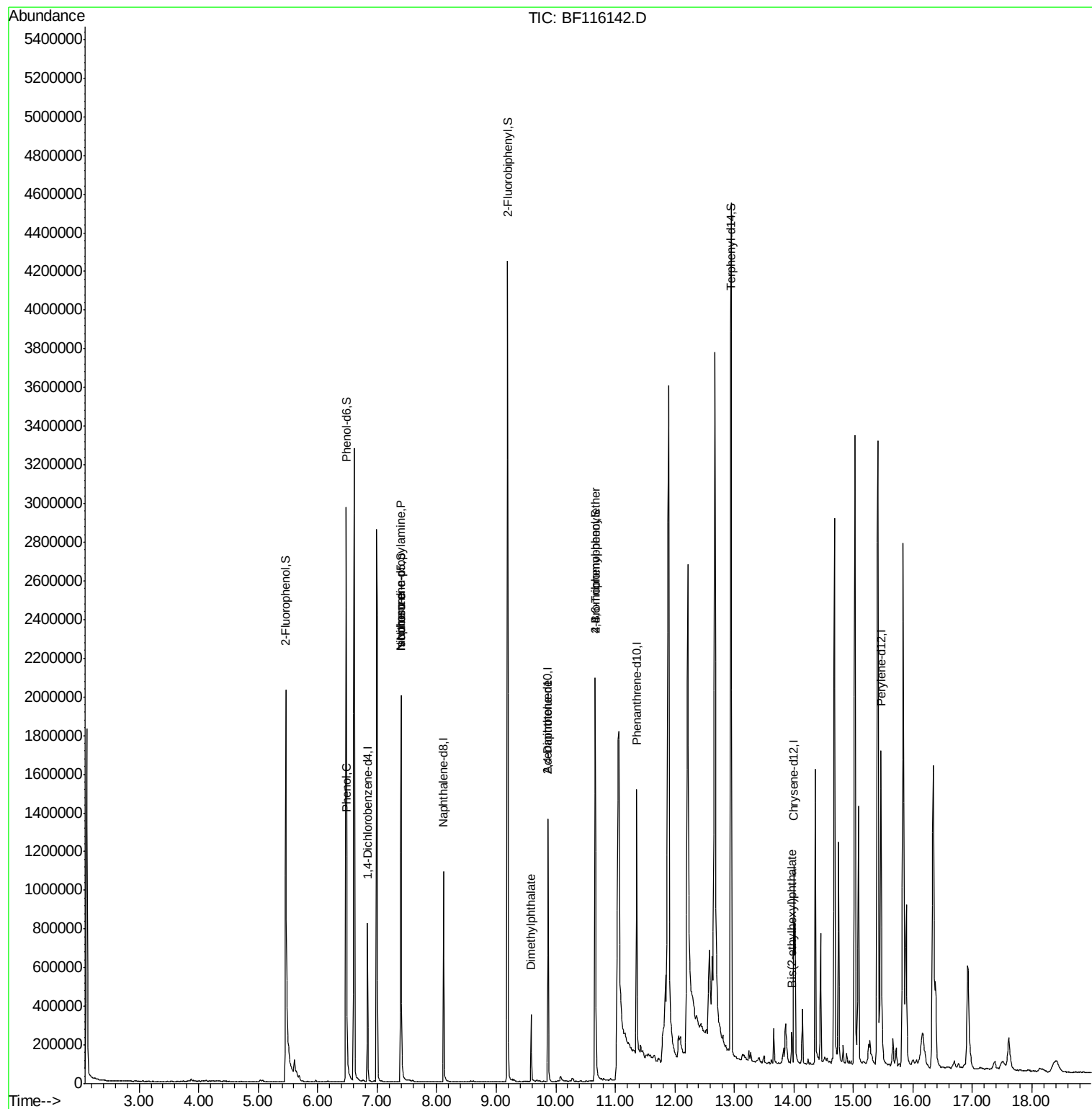
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	129784	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	503164	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	274915	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	507751	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	392331	20.00	ng	-0.01
87) Perylene-d12	15.47	264	325880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	913552	117.84	ng	0.00
7) Phenol-d6	6.48	99	1222829	125.02	ng	0.00
23) Nitrobenzene-d5	7.40	82	790148	90.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	285248	107.02	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1383269	94.25	ng	-0.01
79) Terphenyl-d14	12.94	244	1683969	90.44	ng	0.00
Target Compounds						
10) Phenol	6.49	94	23810	2.067	ng	96
19) n-Nitroso-di-n-propylamine	7.40	70	106444	17.561	ng	# 79
25) Isophorone	7.40	82	790140	47.405	ng	# 65
50) Dimethylphthalate	9.59	163	154602	8.259	ng	99
57) 2,4-Dinitrotoluene	9.87	165	35076	6.476	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	17697	3.256	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.96	149	45918	2.825	ng	99

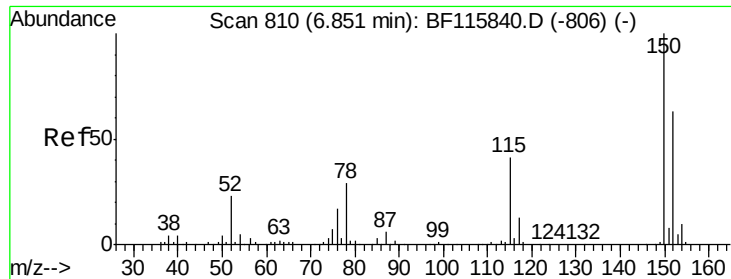
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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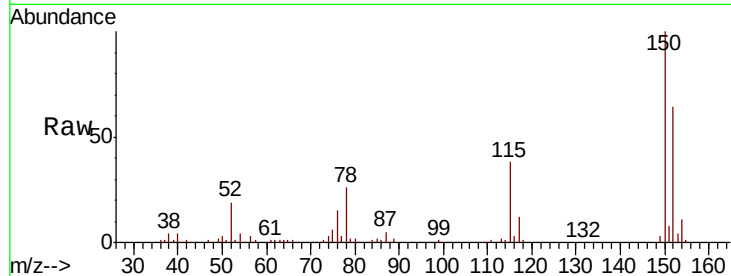


#1

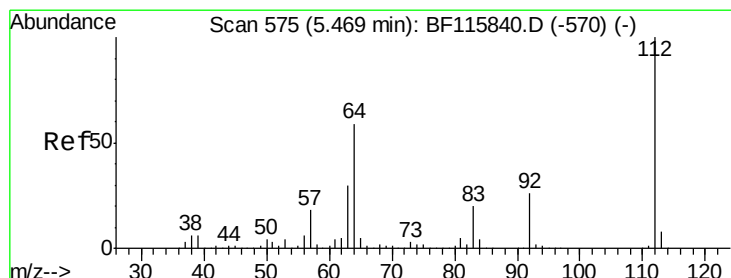
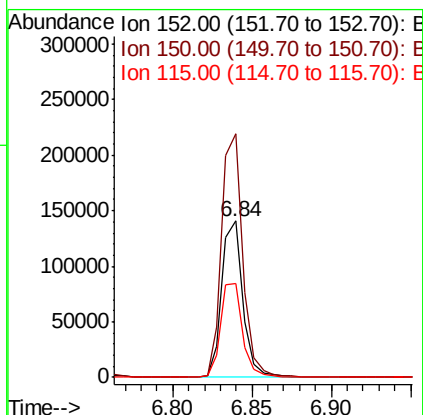
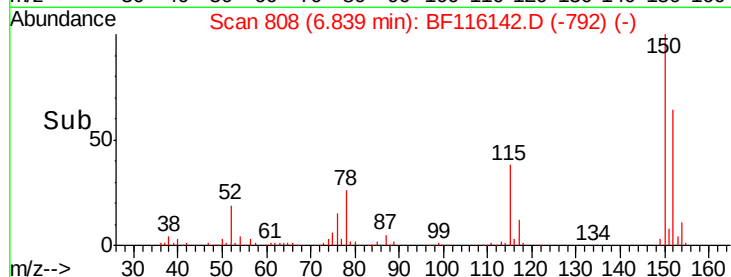
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116142.D
Acq: 10 Aug 2019 11:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 129784
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 59.7 49.9 74.9



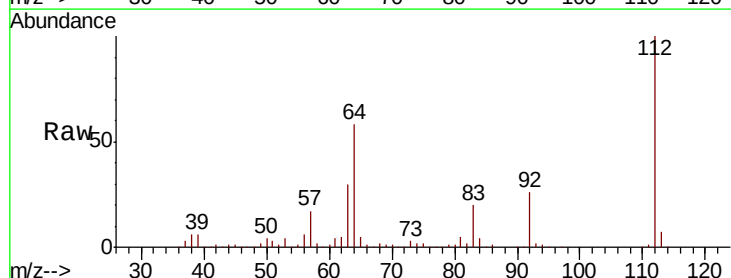
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



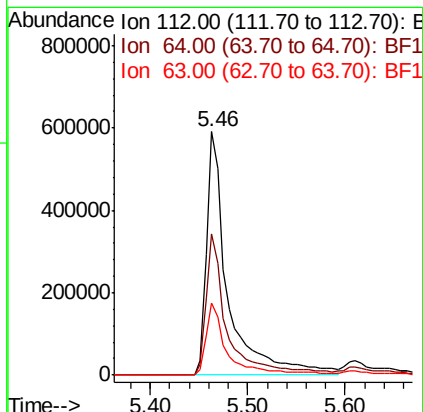
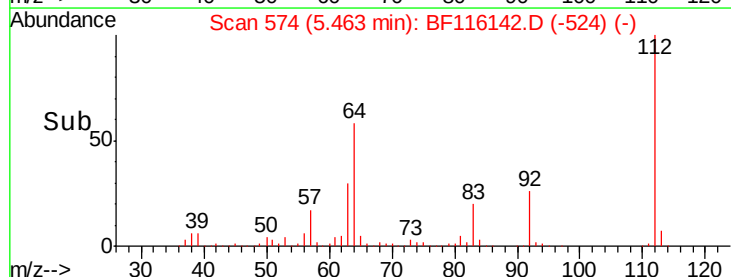
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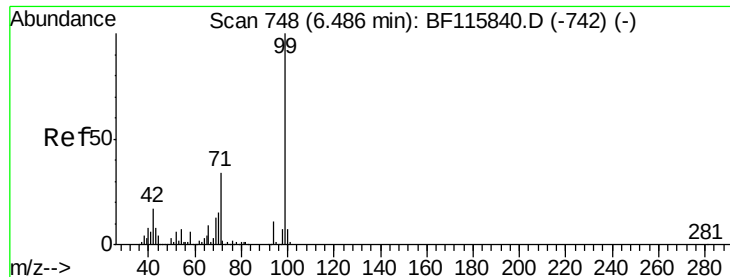
2-Fluorophenol
Concen: 117.838 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116142.D
Acq: 10 Aug 2019 11:22

Tgt Ion:112 Resp: 913552
Ion Ratio Lower Upper
112 100
64 58.2 45.4 68.2
63 29.8 23.7 35.5



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: 125.017 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116142.D

Acq: 10 Aug 2019 11:22

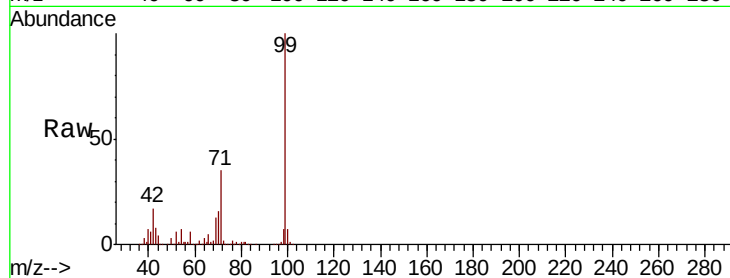
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1222829

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.8	20.8
71	34.5	27.3	40.9

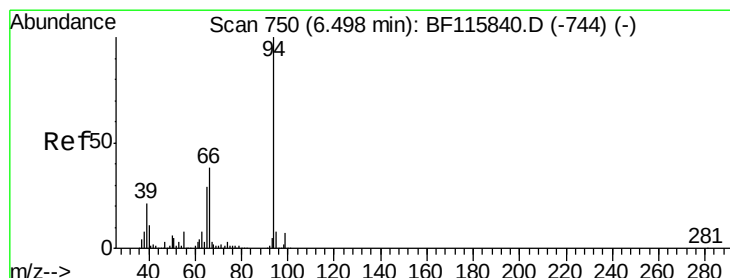
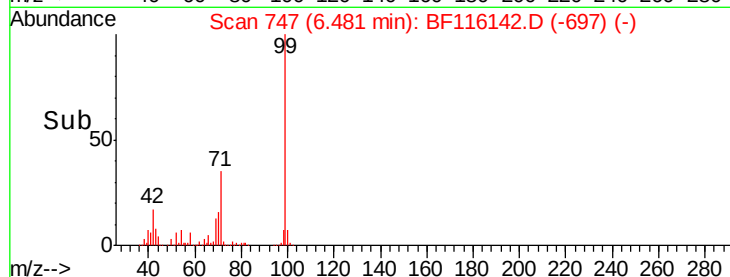
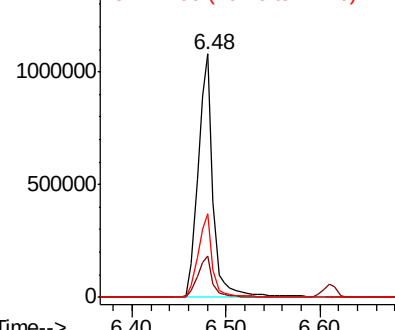


Abundance

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



#10

Phenol

Concen: 2.067 ng

RT: 6.49 min Scan# 749

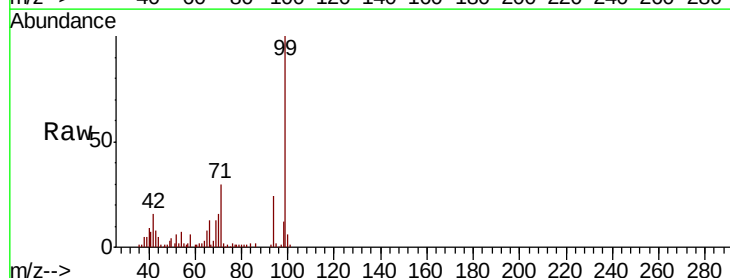
Delta R.T. -0.01 min

Lab File: BF116142.D

Acq: 10 Aug 2019 11:22

Tgt Ion: 94 Resp: 23810

Ion	Ratio	Lower	Upper
94	100		
65	32.1	16.8	56.8
66	55.3	34.2	74.2

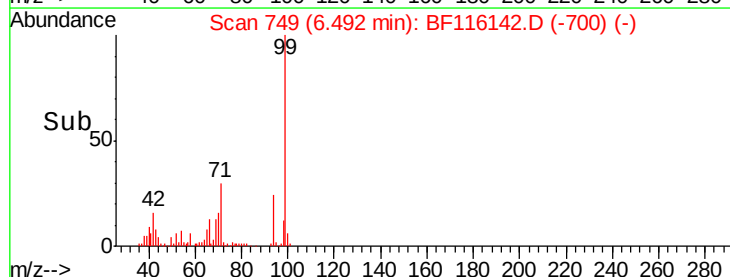
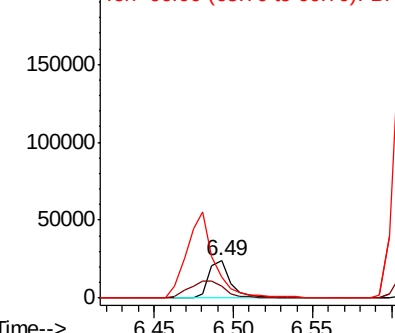


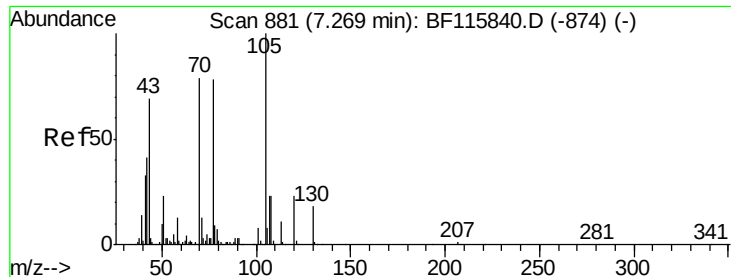
Abundance

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

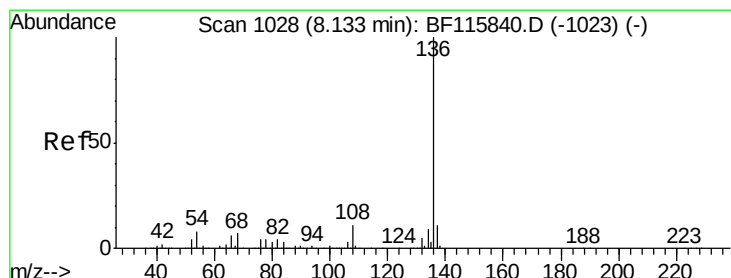
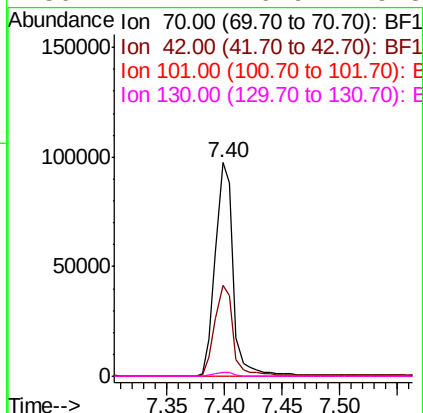
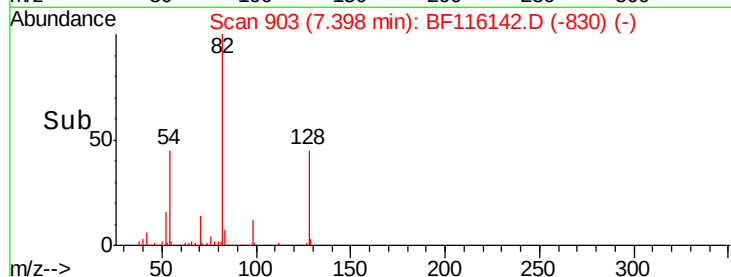
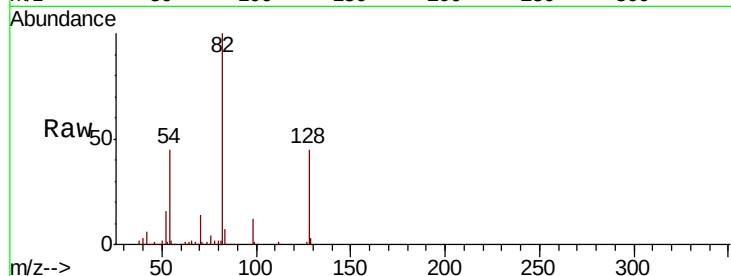




#19
n-Nitroso-di-n-propylamine
Concen: 17.561 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.13 min
Lab File: BF116142.D
Acq: 10 Aug 2019 11:22

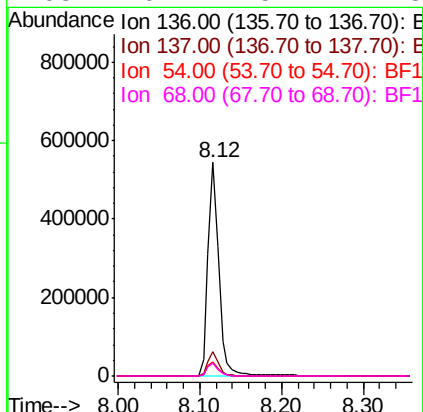
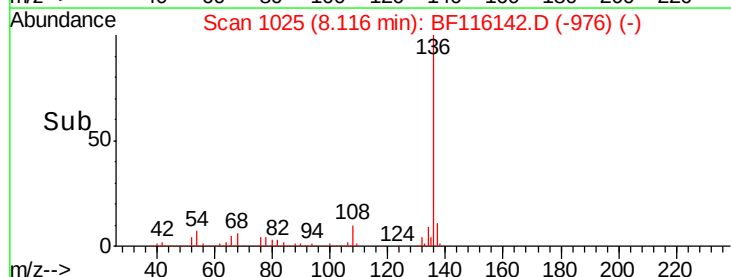
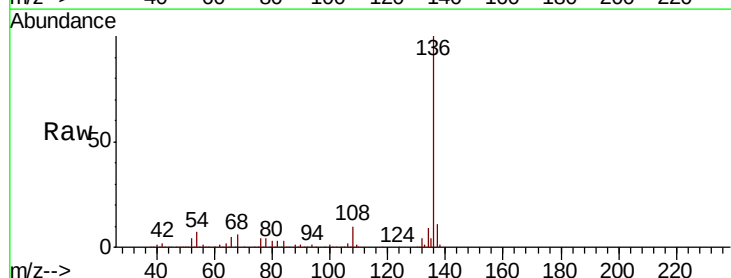
Instrument :
BNA_F
ClientSampled :

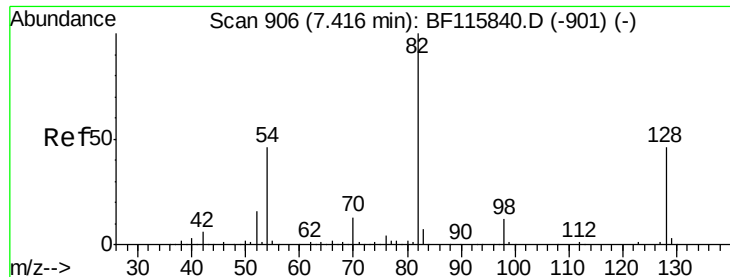
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	42.6	40.9	61.3	
101	0.0	7.9	11.9	#
130	2.1	16.9	25.3	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116142.D
Acq: 10 Aug 2019 11:22

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.2	9.0	13.4	
54	6.9	5.8	8.6	
68	6.2	5.2	7.8	

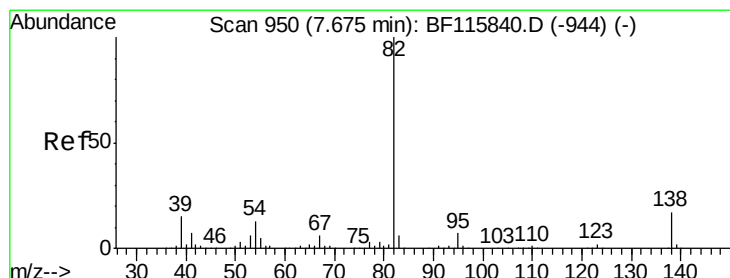
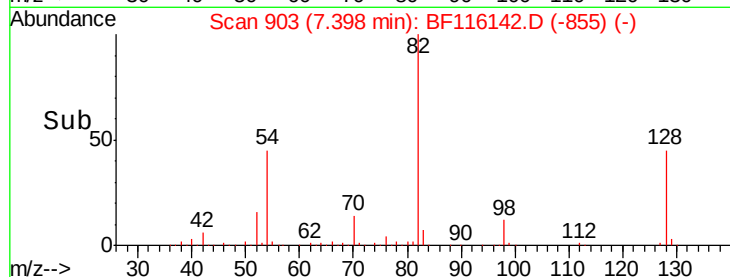
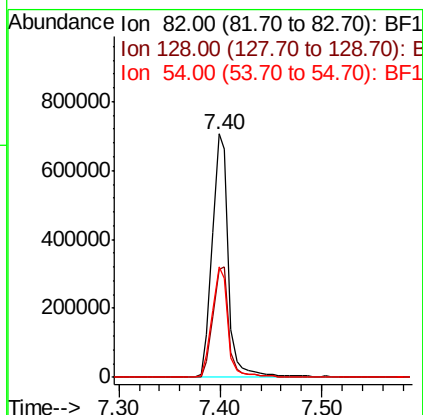
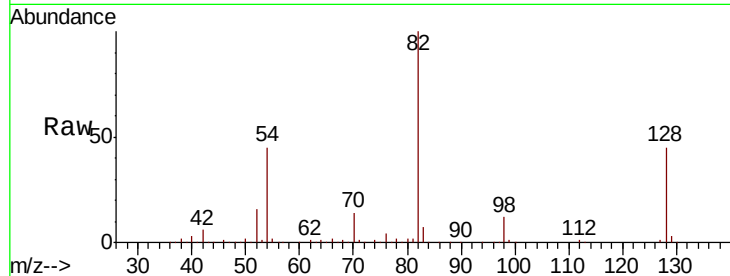




#23
 Nitrobenzene-d5
 Concen: 90.646 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116142.D
 Acq: 10 Aug 2019 11:22

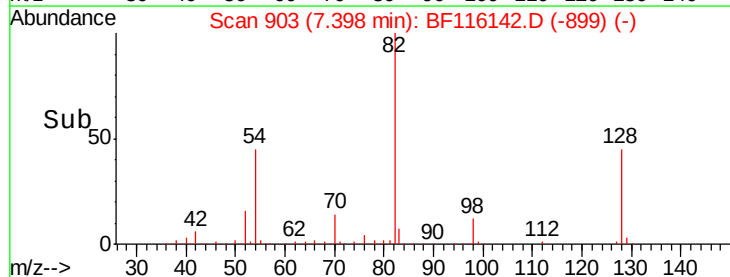
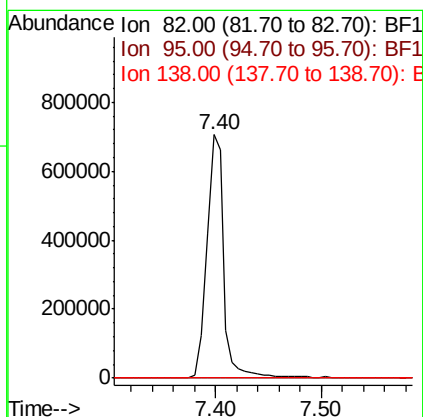
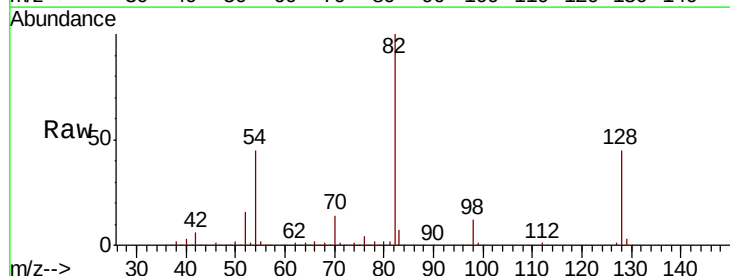
Instrument :
 BNA_F
 ClientSampled :

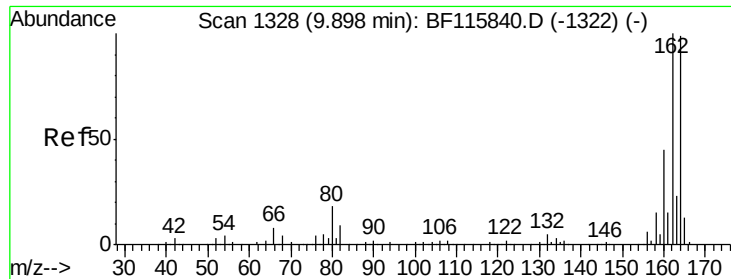
Tot Ion	82	Resp	790148
Ion Ratio	Lower	Upper	
82	100		
128	44.5	36.5	54.7
54	45.4	36.0	54.0



#25
 Isophorone
 Concen: 47.405 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.28 min
 Lab File: BF116142.D
 Acq: 10 Aug 2019 11:22

Tgt Ion	82	Resp	790140
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.4	8.0#
138	0.0	14.5	21.7#

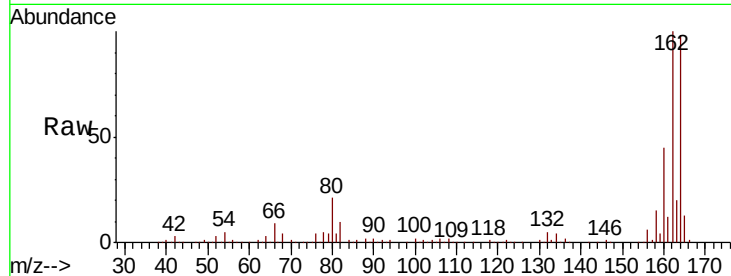




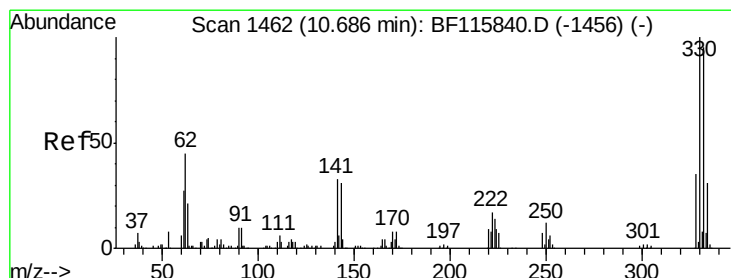
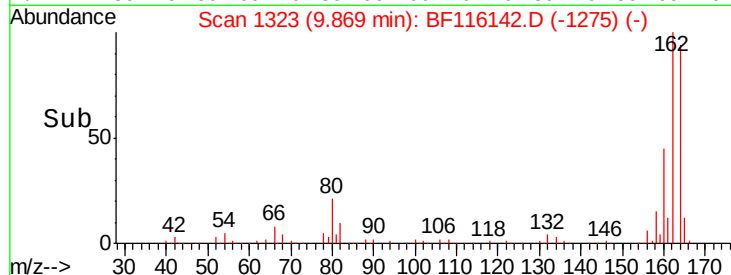
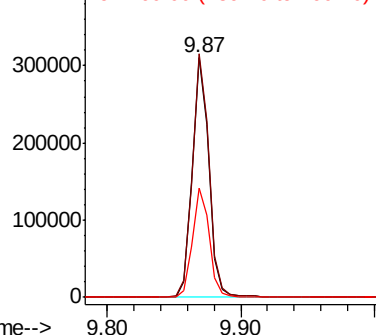
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116142.D
Acq: 10 Aug 2019 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 274915
Ion Ratio Lower Upper
164 100
162 101.6 82.6 124.0
160 45.5 37.6 56.4

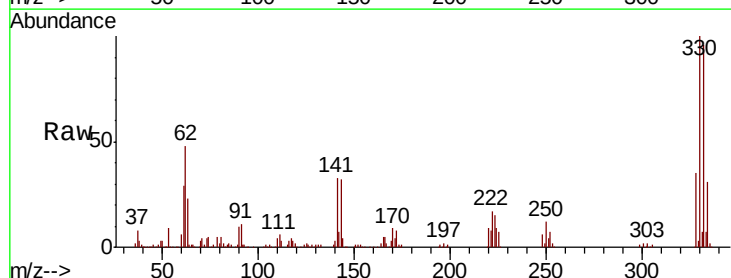


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

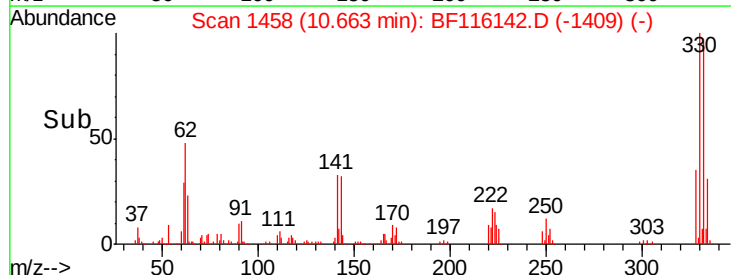
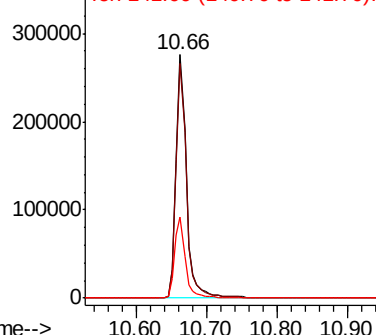


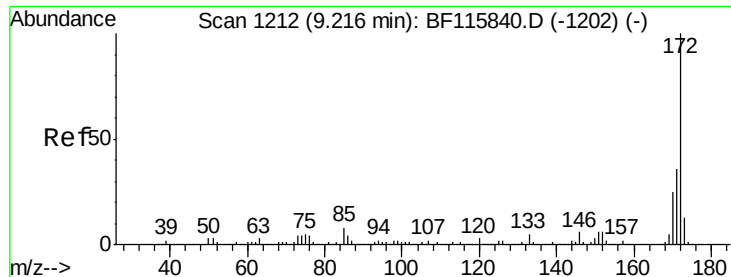
#42
2,4,6-Tribromophenol
Concen: 107.020 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116142.D
Acq: 10 Aug 2019 11:22

Tgt Ion:330 Resp: 285248
Ion Ratio Lower Upper
330 100
332 97.0 76.8 115.2
141 34.4 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



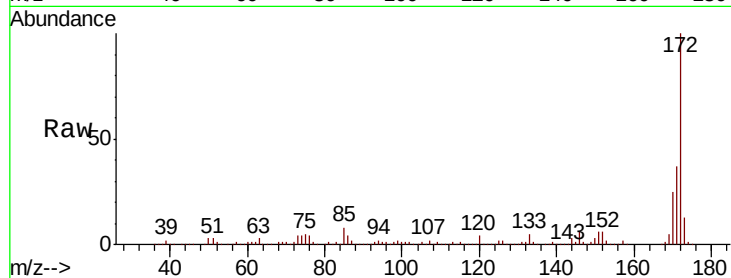


#45
 2-Fluorobiphenyl
 Concen: 94.246 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116142.D
 Acq: 10 Aug 2019 11:22

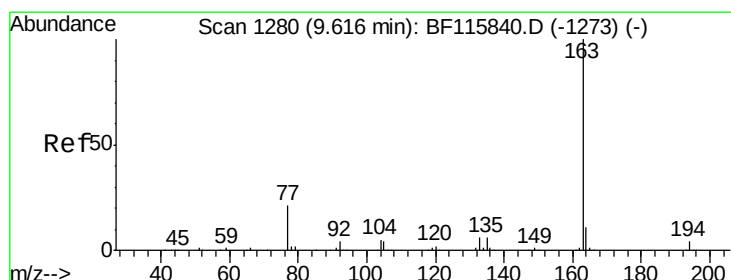
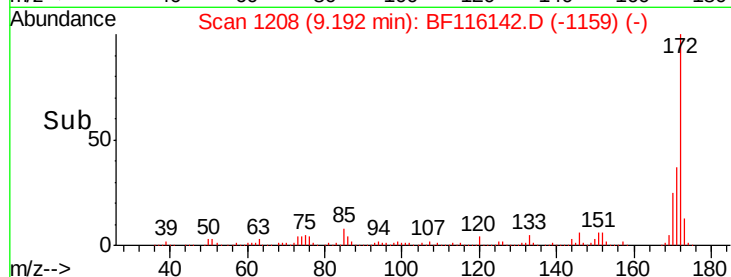
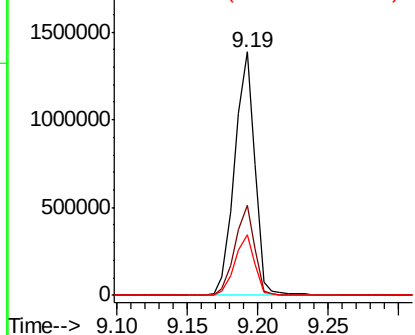
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1383269

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.6	44.4
170	25.1	20.1	30.1



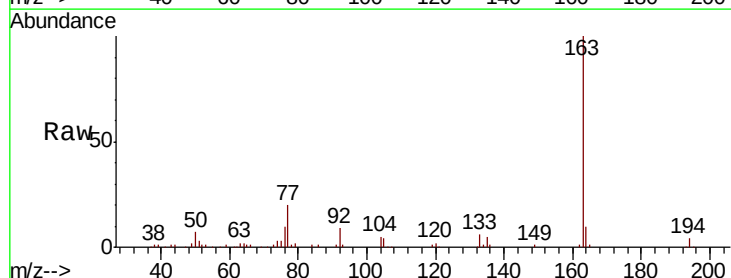
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



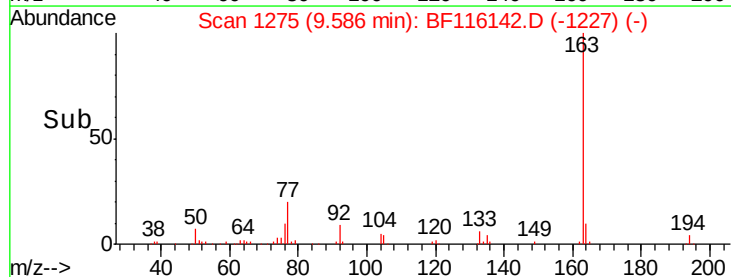
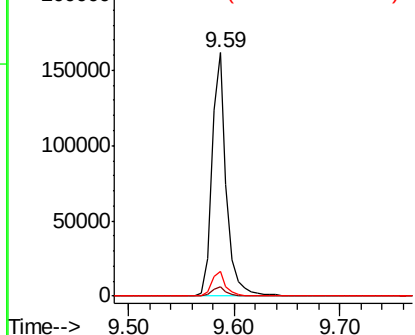
#50
 Dimethylphthalate
 Concen: 8.259 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116142.D
 Acq: 10 Aug 2019 11:22

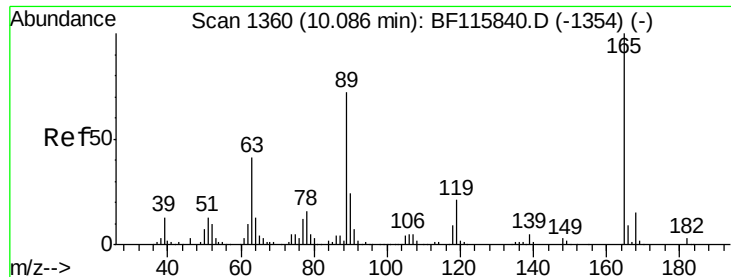
Tgt Ion:163 Resp: 154602

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	9.9	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

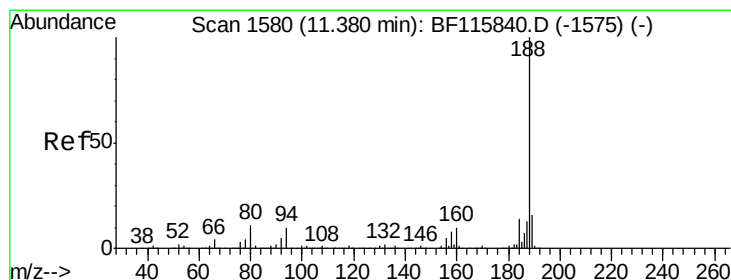
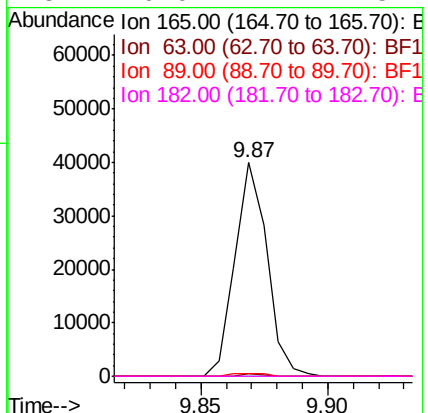
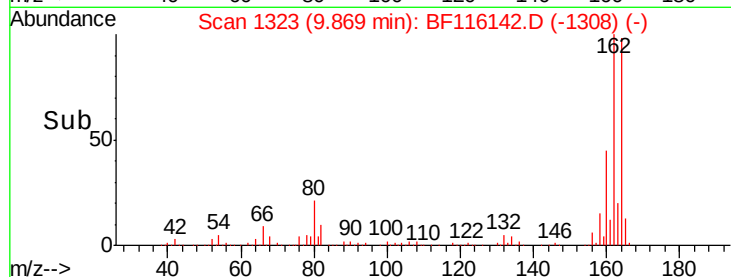
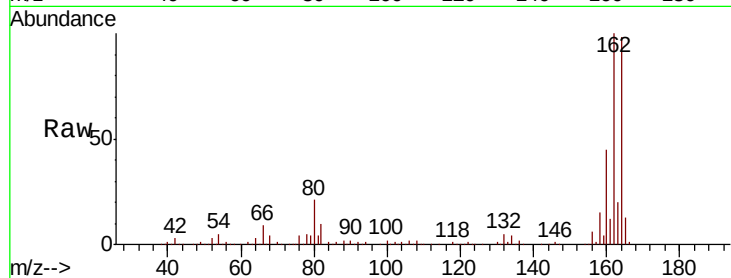




#57
 2,4-Dinitrotoluene
 Concen: 6.476 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116142.D
 Acq: 10 Aug 2019 11:22

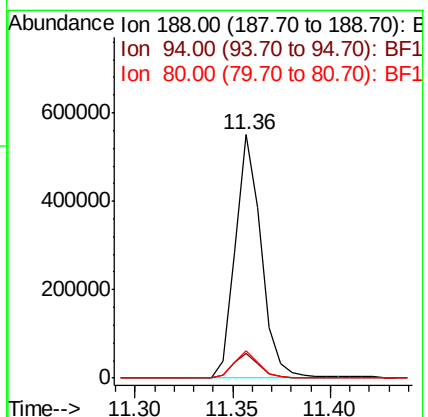
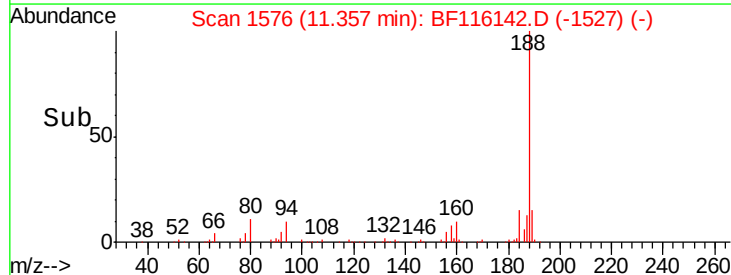
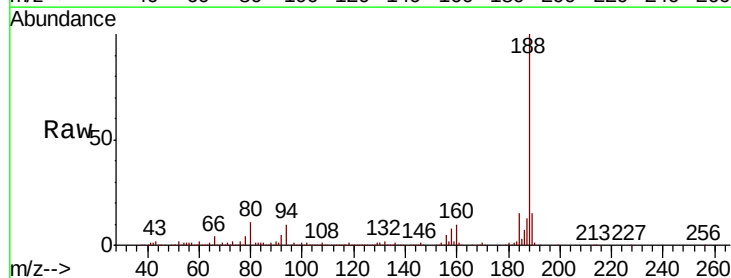
Instrument :
 BNA_F
 ClientSampleId :

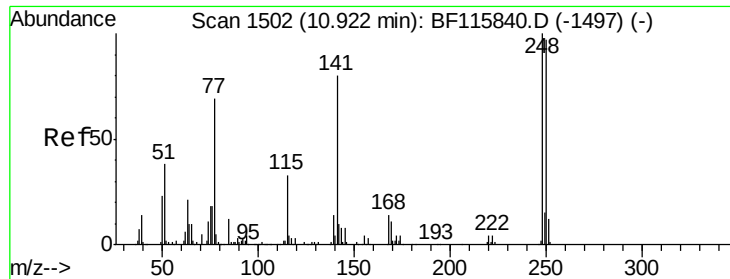
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	39.6	59.4#
89	1.5	62.2	93.2#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116142.D
 Acq: 10 Aug 2019 11:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.1	12.1
80	11.0	8.7	13.1

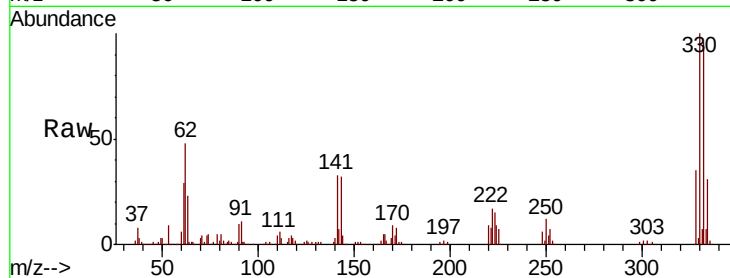




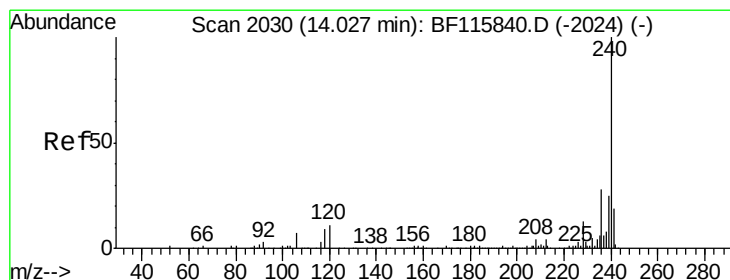
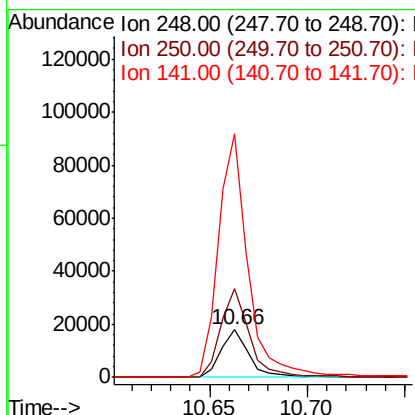
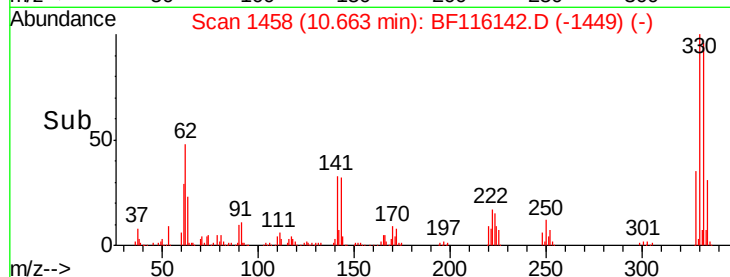
#67
 4-Bromophenyl-phenylether
 Concen: 3.256 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116142.D
 Acq: 10 Aug 2019 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 17697
 Ion Ratio Lower Upper
 248 100
 250 188.0 77.4 116.2#
 141 514.9 56.8 85.2#

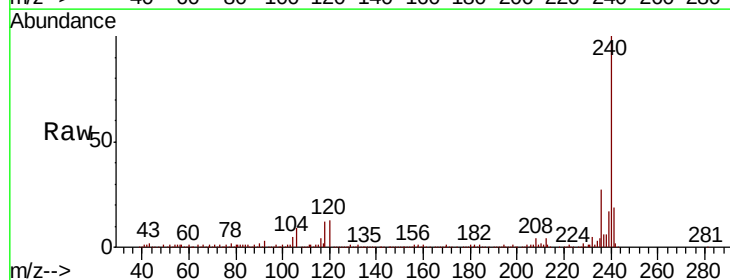


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

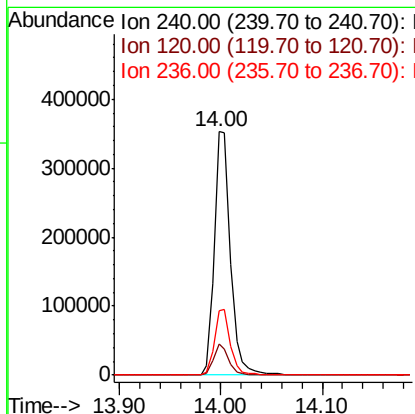
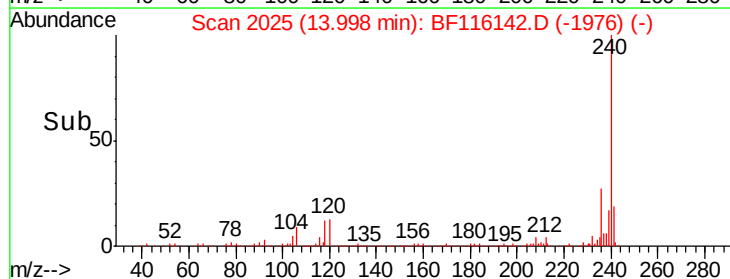


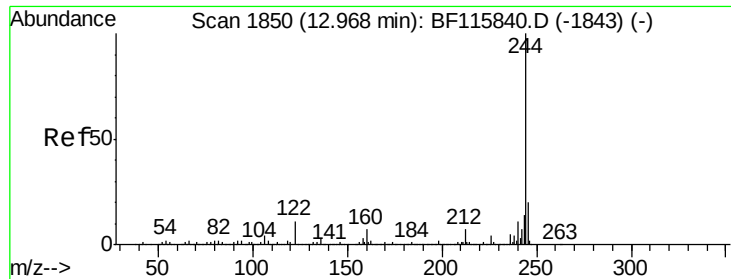
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116142.D
 Acq: 10 Aug 2019 11:22

Tgt Ion:240 Resp: 392331
 Ion Ratio Lower Upper
 240 100
 120 12.8 10.7 16.1
 236 26.6 22.2 33.2



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

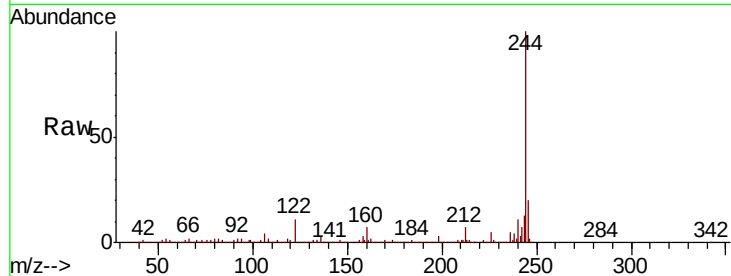




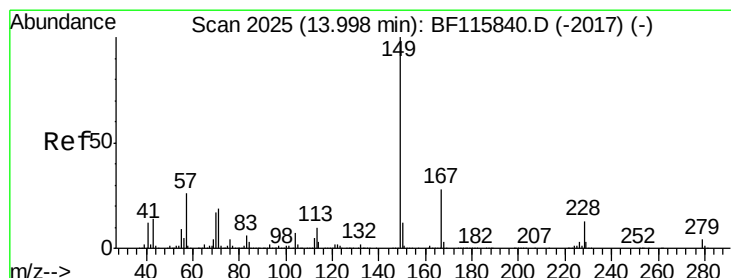
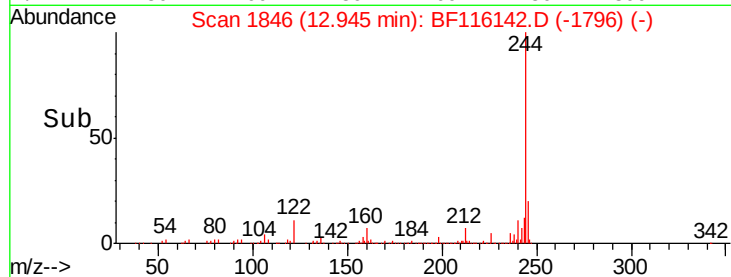
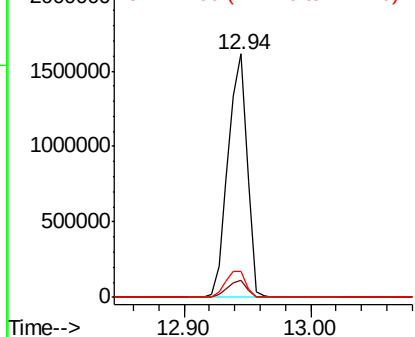
#79
 Terphenyl-d14
 Concen: 90.444 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116142.D
 Acq: 10 Aug 2019 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1683969
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.8 9.0 13.4

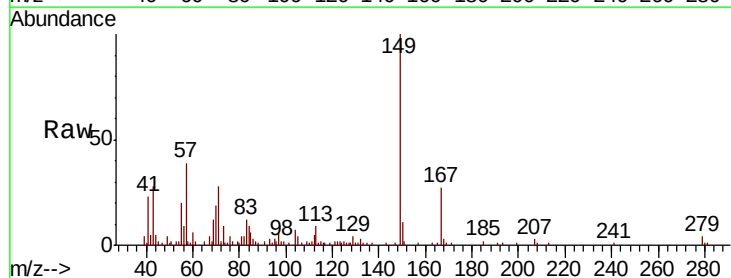


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

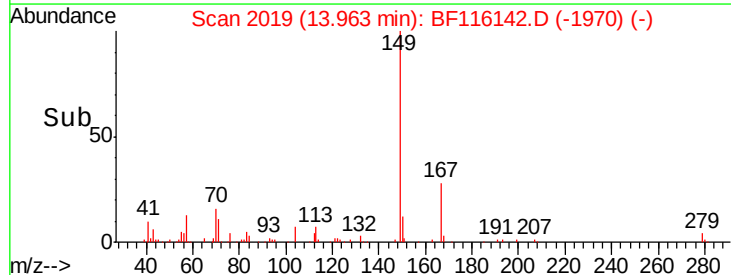
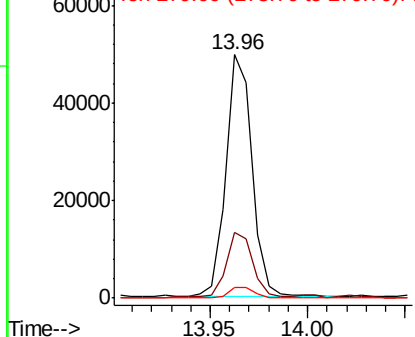


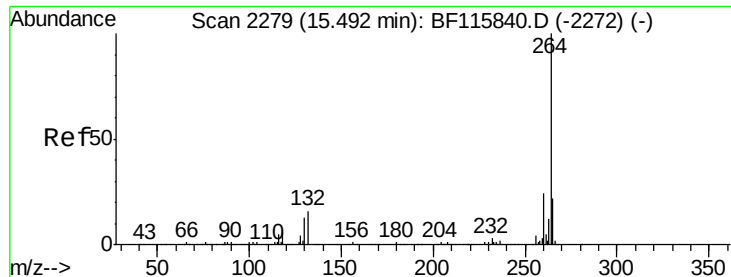
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.825 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF116142.D
 Acq: 10 Aug 2019 11:22

Tgt Ion:149 Resp: 45918
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.6 32.4
 279 4.2 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





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116142.D
 Acq: 10 Aug 2019 11:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.7	17.4	26.0

