

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116285.D
 Acq On : 15 Aug 2019 18:29
 Operator : HP/JU
 Sample : K4340-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 03:09:55 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

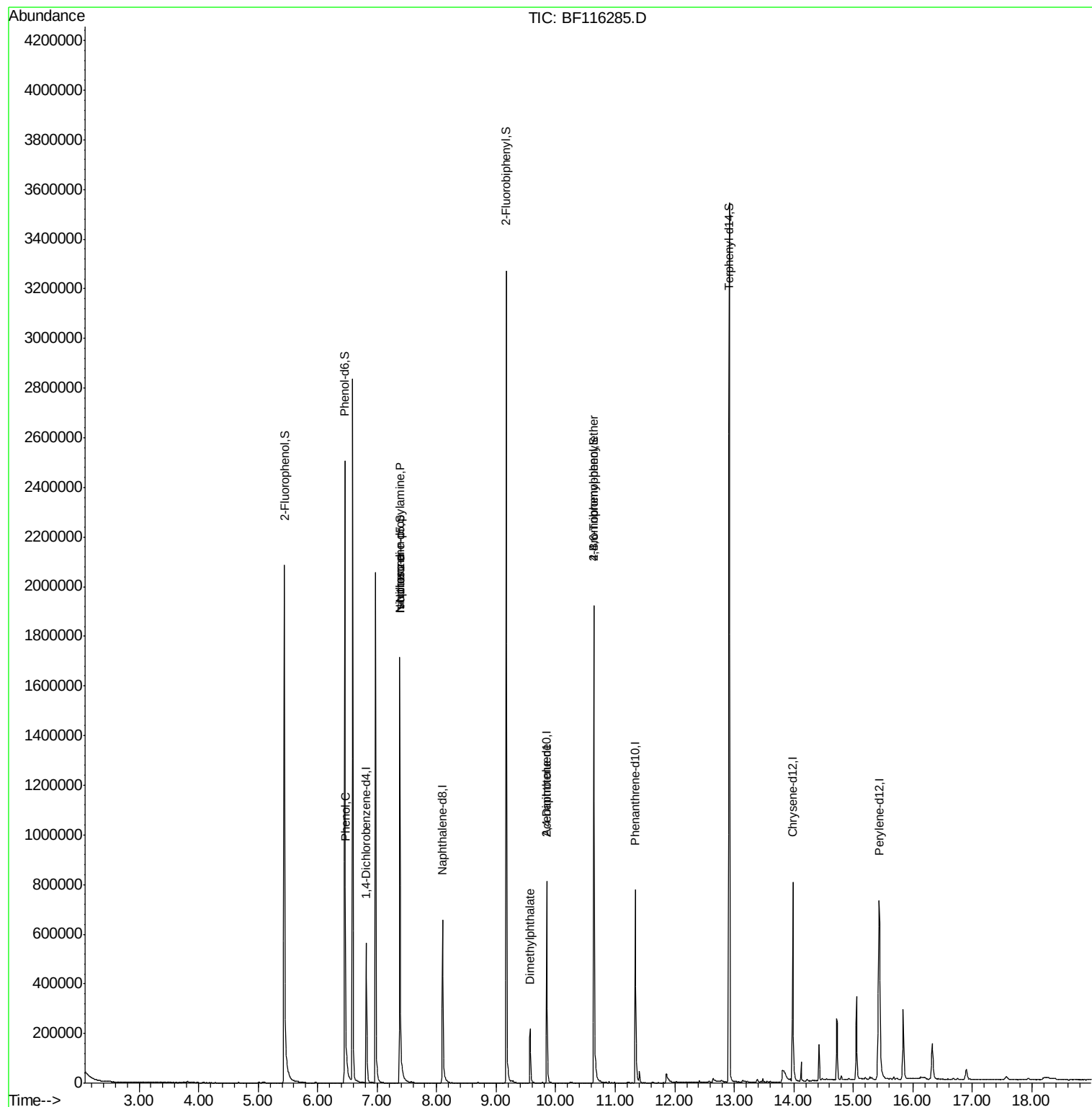
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	91859	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	357915	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	187013	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	355543	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	336987	20.00	ng	-0.03
87) Perylene-d12	15.43	264	389233	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	770423	140.40	ng	-0.03
7) Phenol-d6	6.46	99	992550	143.37	ng	-0.03
23) Nitrobenzene-d5	7.38	82	622156	100.34	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	262768	144.92	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	998239	99.98	ng	-0.04
79) Terphenyl-d14	12.92	244	1216641	76.08	ng	-0.04
Target Compounds						
10) Phenol	6.47	94	16858	2.068	ng	85
19) n-Nitroso-di-n-propylamine	7.38	70	80831	18.841	ng	# 80
25) Isophorone	7.38	82	622153	52.474	ng	# 65
50) Dimethylphthalate	9.57	163	117683	9.242	ng	99
57) 2,4-Dinitrotoluene	9.85	165	23102	6.270	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	15579	4.093	ng	# 1

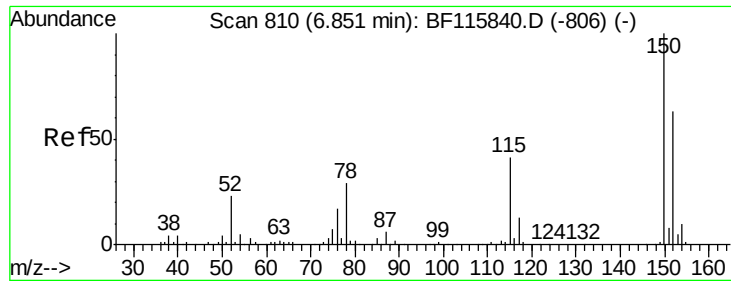
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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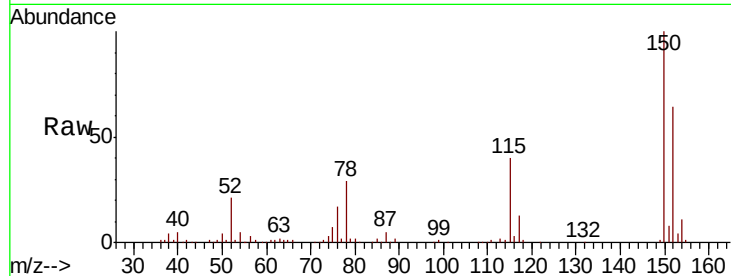


#1

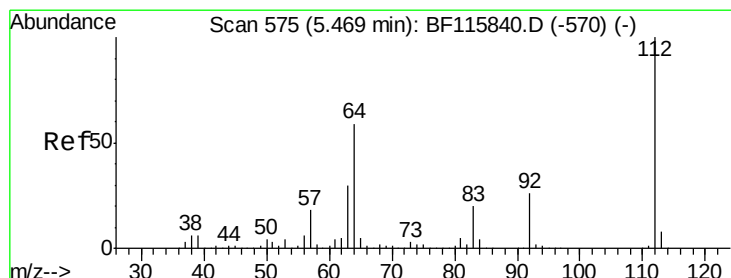
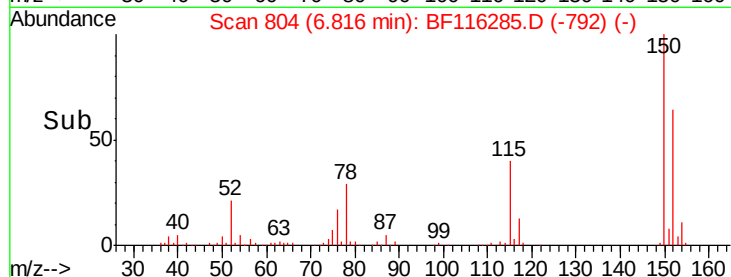
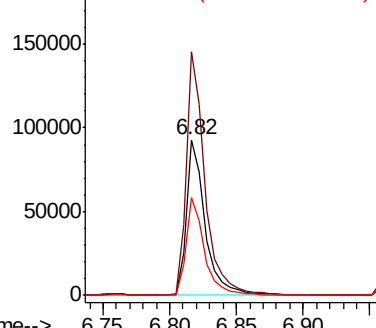
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91859
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.2
115 62.8 49.9 74.9



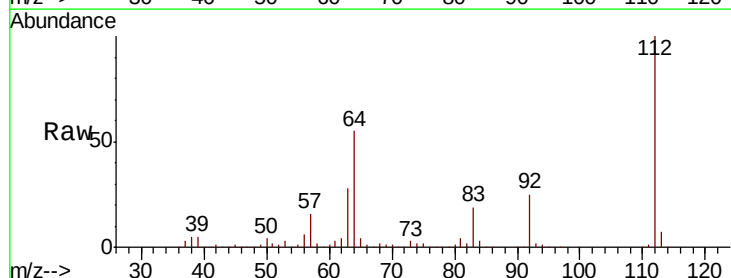
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



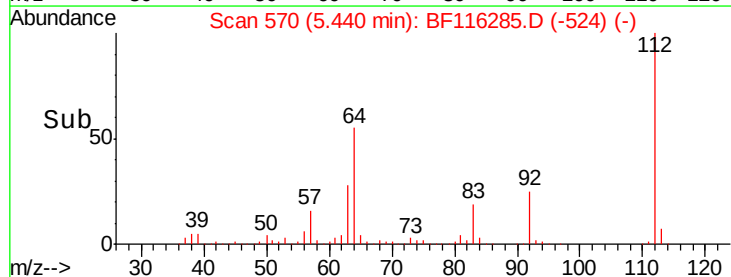
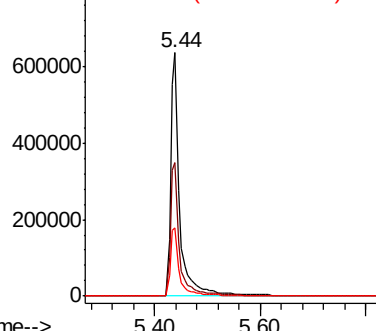
#5

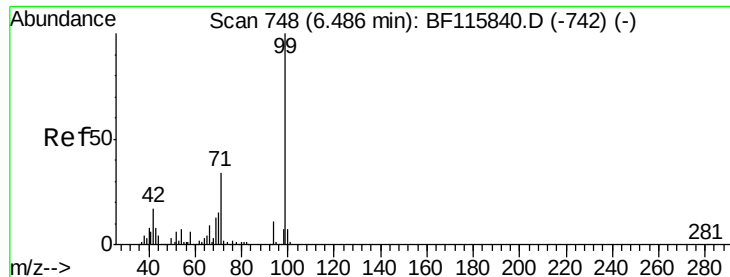
2-Fluorophenol
Concen: 140.404 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Tgt Ion:112 Resp: 770423
Ion Ratio Lower Upper
112 100
64 54.8 45.4 68.2
63 27.8 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: 143.369 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

Instrument :

BNA_F

ClientSampleId :

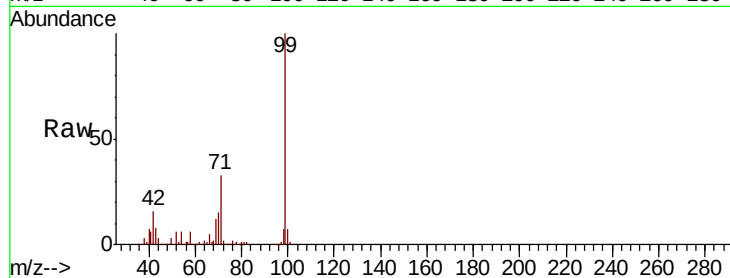
Tot Ion: 99 Resp: 992550

Ion Ratio Lower Upper

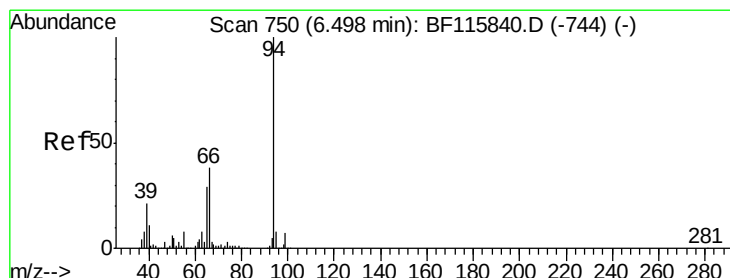
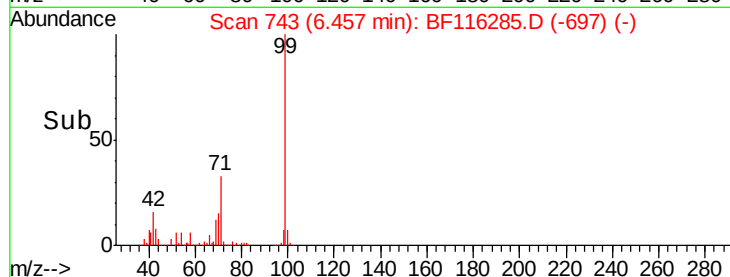
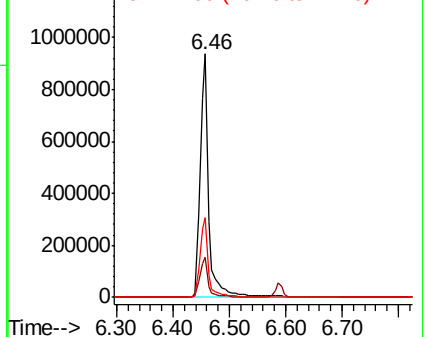
99 100

42 16.3 13.8 20.8

71 32.8 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: 2.068 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

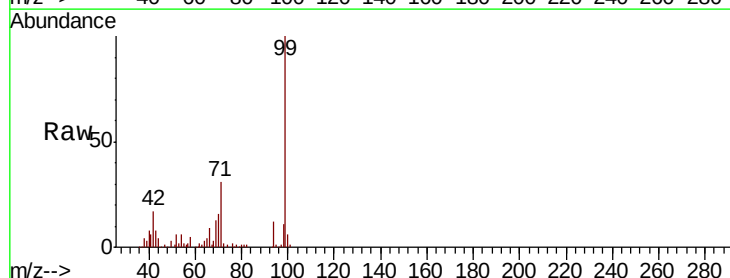
Tgt Ion: 94 Resp: 16858

Ion Ratio Lower Upper

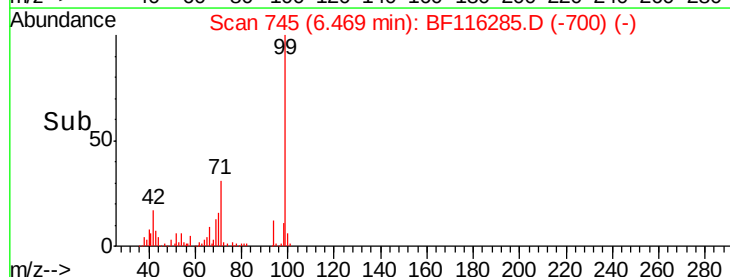
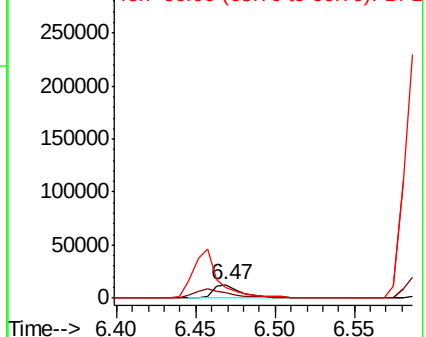
94 100

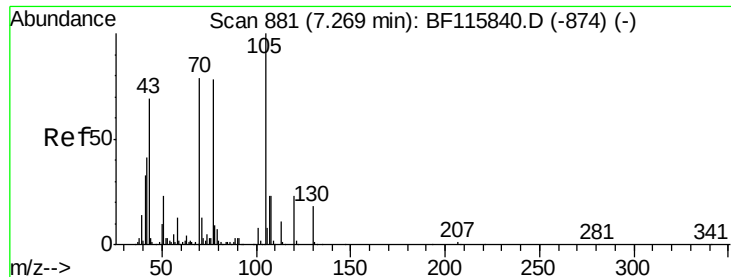
65 36.9 16.8 56.8

66 72.7 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

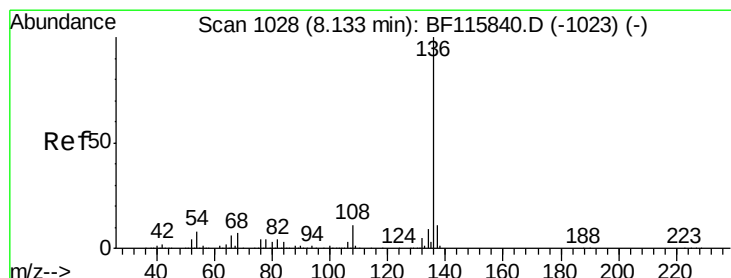
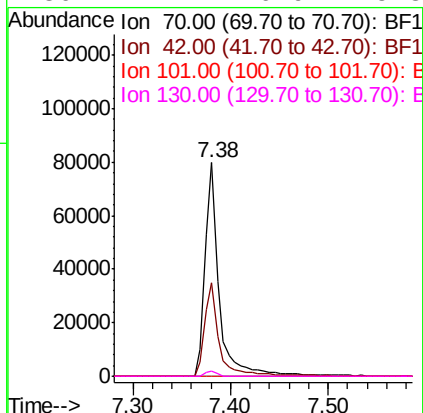
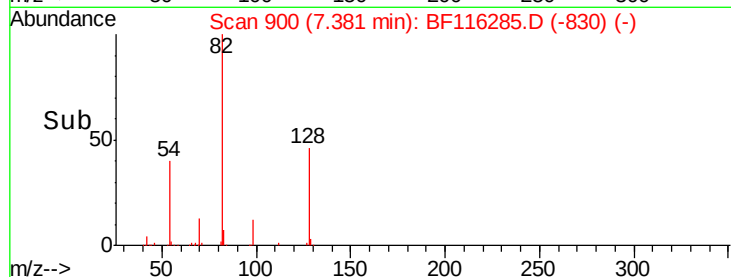
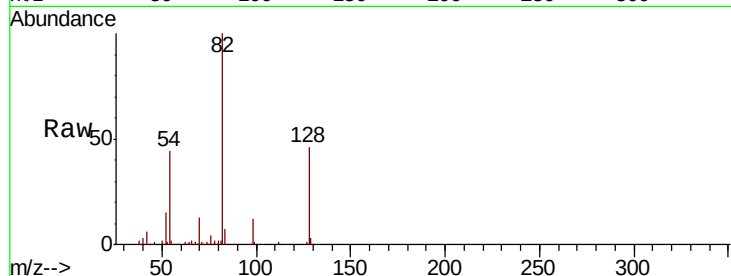




#19
n-Nitroso-di-n-propylamine
Concen: 18.841 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.11 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

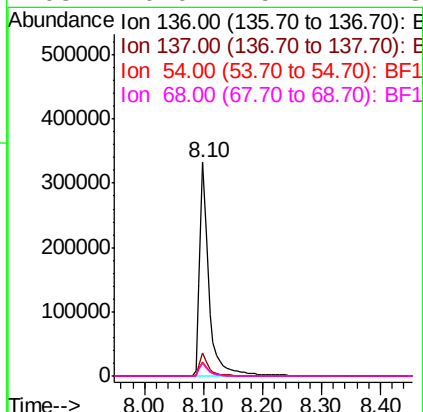
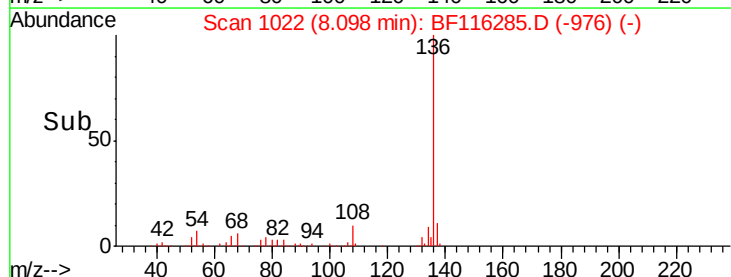
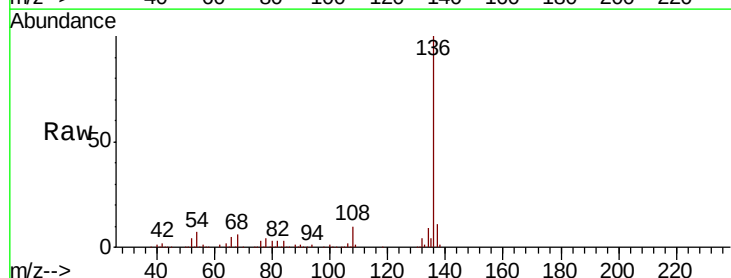
Instrument :
BNA_F
ClientSampleId :

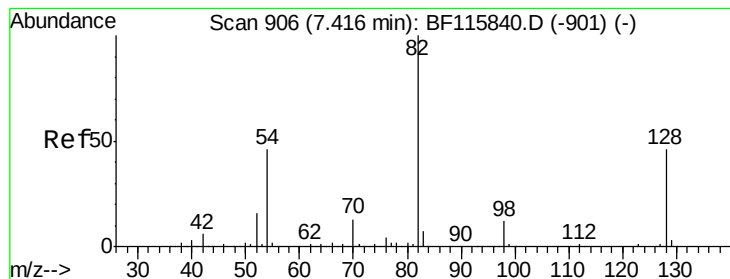
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.8	40.9	61.3	
101	0.0	7.9	11.9	#
130	2.4	16.9	25.3	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.9	9.0	13.4	
54	6.7	5.8	8.6	
68	6.0	5.2	7.8	





#23

Nitrobenzene-d5

Concen: 100.339 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

Instrument :

BNA_F

ClientSampleId :

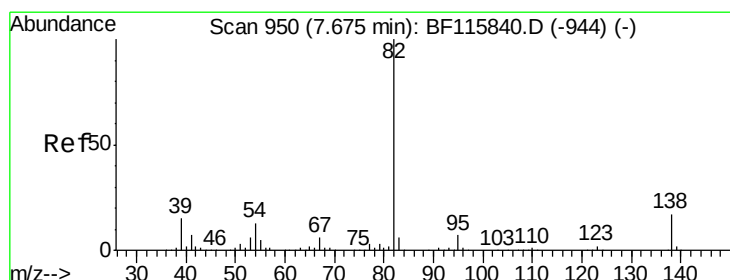
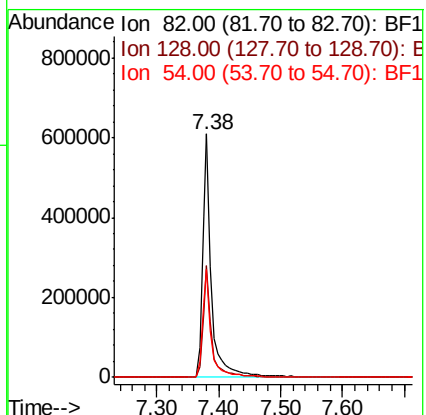
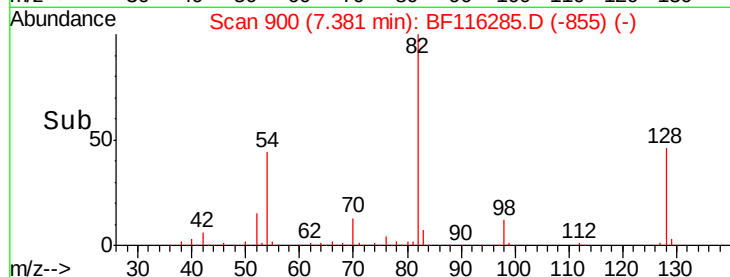
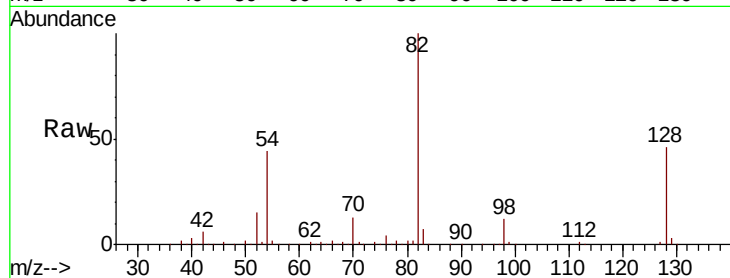
Tot Ion: 82 Resp: 622156

Ion Ratio Lower Upper

82 100

128 45.8 36.5 54.7

54 44.2 36.0 54.0



#25

Isophorone

Concen: 52.474 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

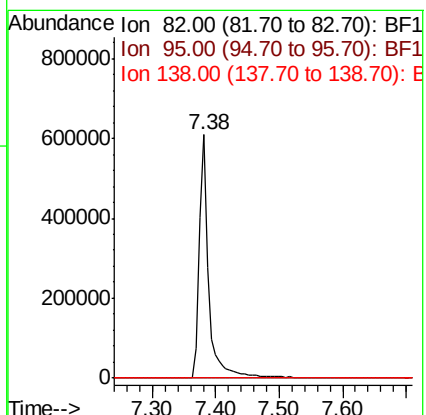
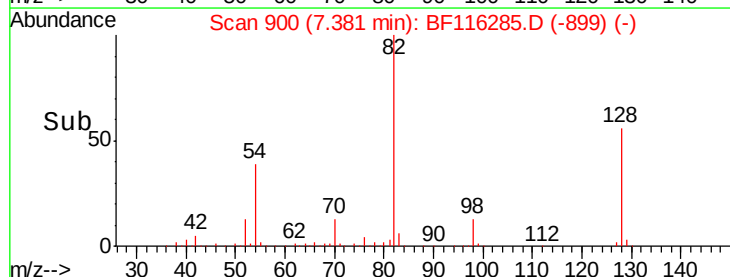
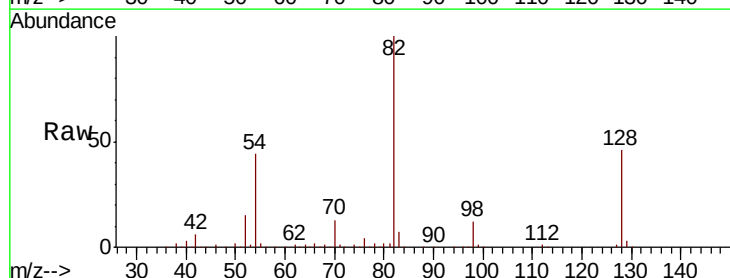
Tgt Ion: 82 Resp: 622153

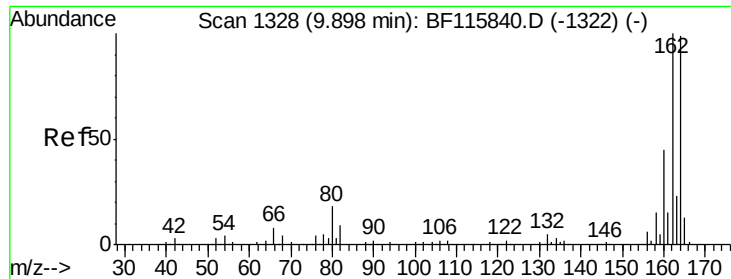
Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

Instrument :

BNA_F

ClientSampled :

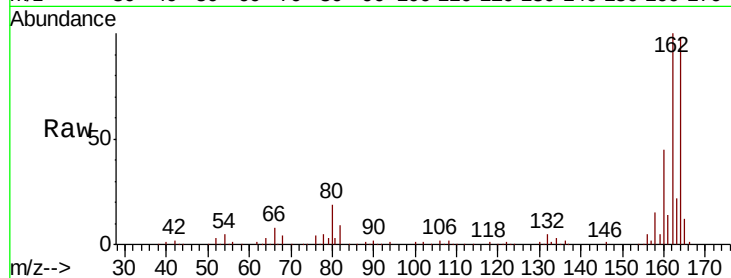
Tot Ion:164 Resp: 187013

Ion Ratio Lower Upper

164 100

162 101.9 82.6 124.0

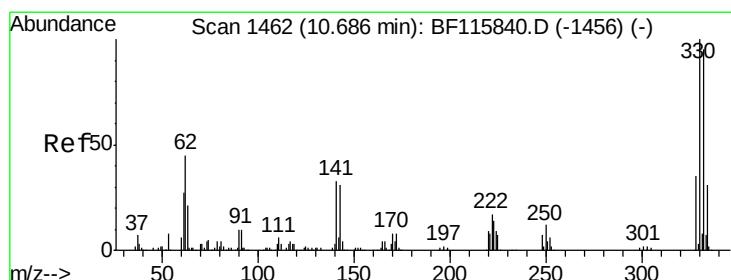
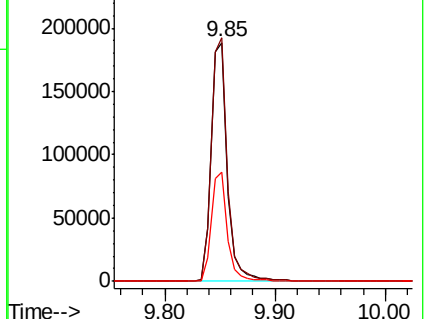
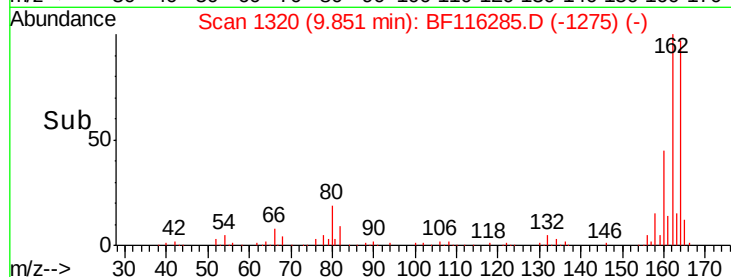
160 45.7 37.6 56.4



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: 144.924 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116285.D

Acq: 15 Aug 2019 18:29

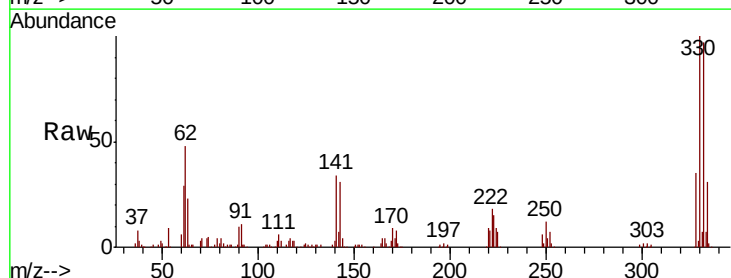
Tgt Ion:330 Resp: 262768

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

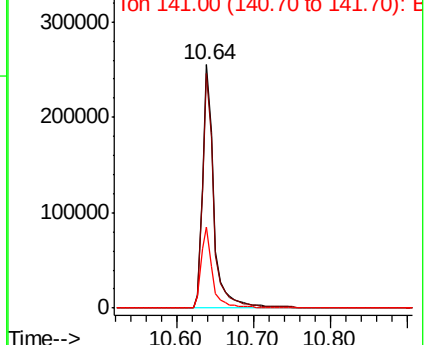
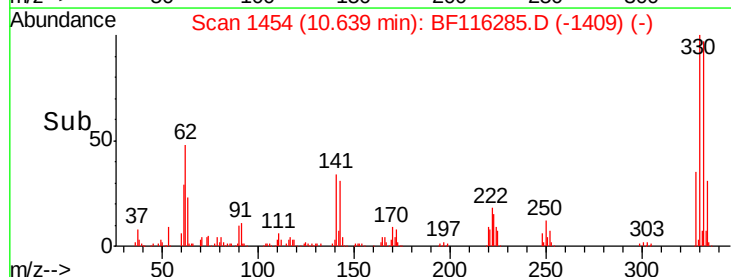
141 33.9 26.3 39.5

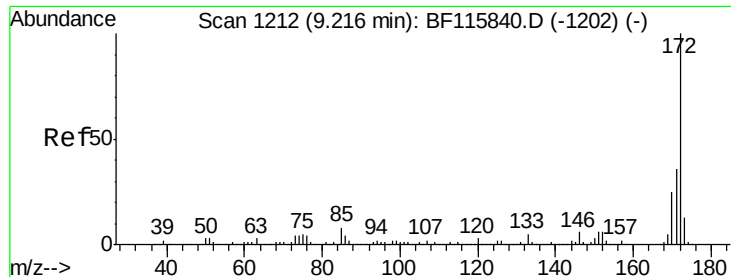


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

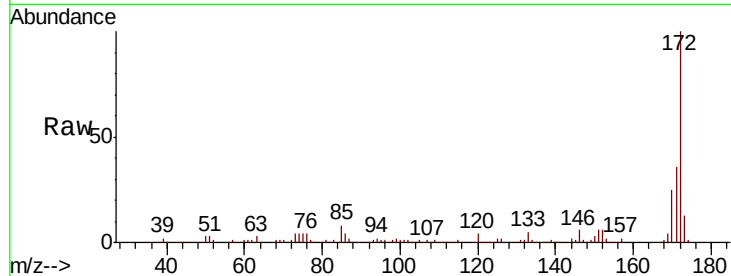




#45
2-Fluorobiphenyl
Concen: 99.981 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.04 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.2	20.1	30.1

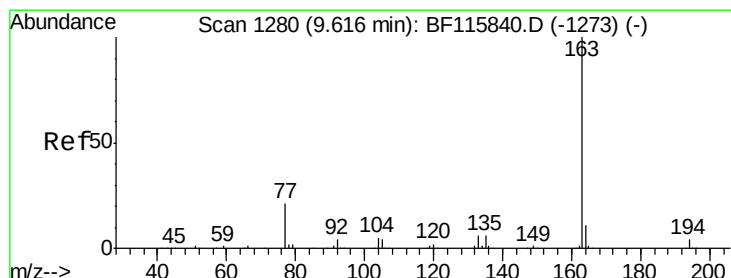
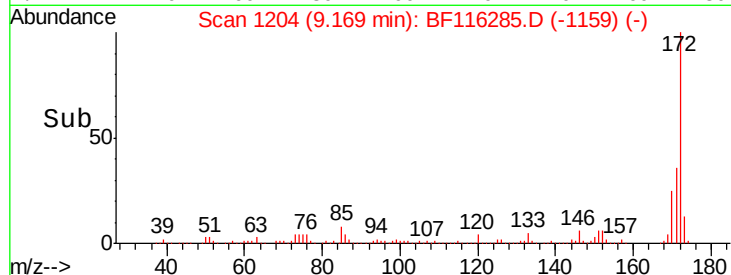
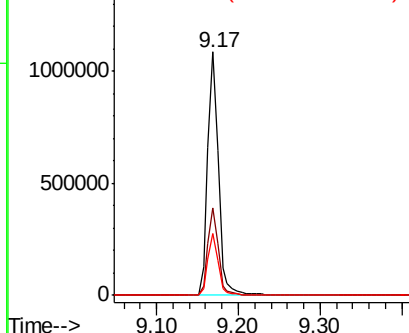


Abundance

Ion 172.00 (171.70 to 172.70): E

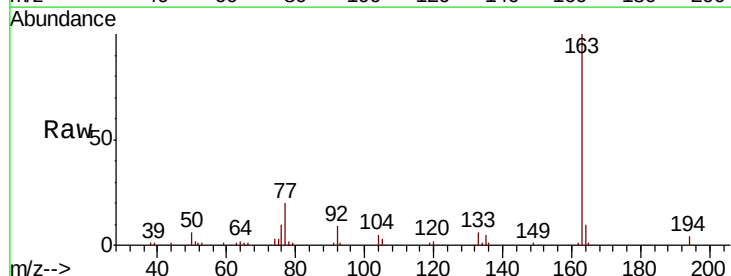
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 9.242 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.6
164	10.0	8.4	12.6

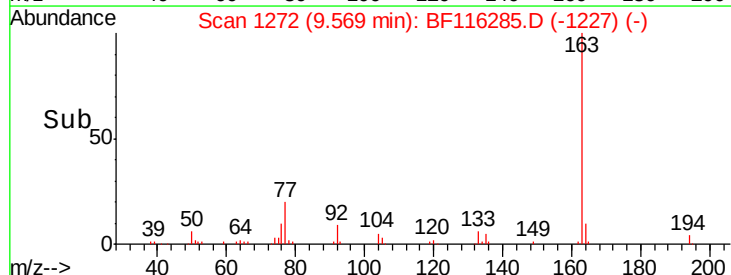
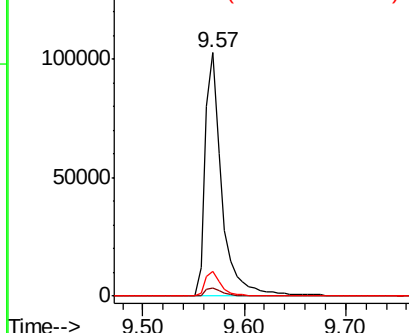


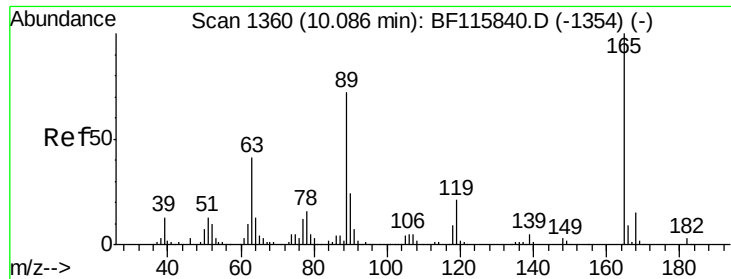
Abundance

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

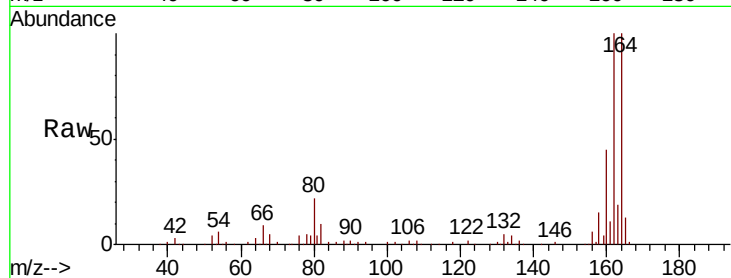




#57
 2,4-Dinitrotoluene
 Concen: 6.270 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.24 min
 Lab File: BF116285.D
 Acq: 15 Aug 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp: 23102
Ion Ratio	Lower Upper
165 100	
63 0.0	39.6 59.4#
89 1.3	62.2 93.2#
182 0.0	2.1 3.1#

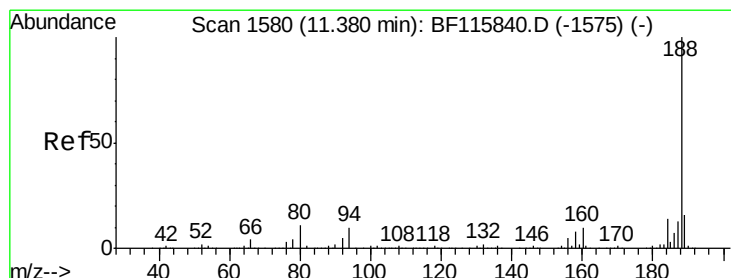
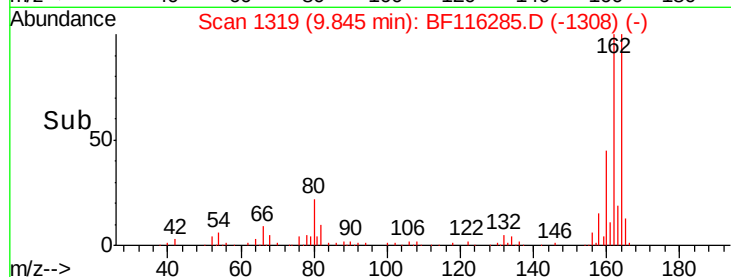
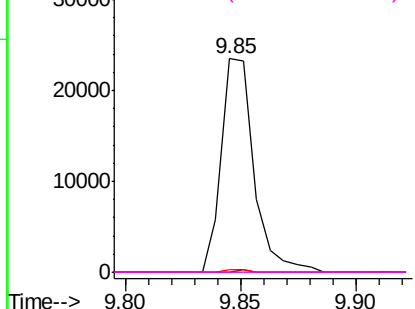


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

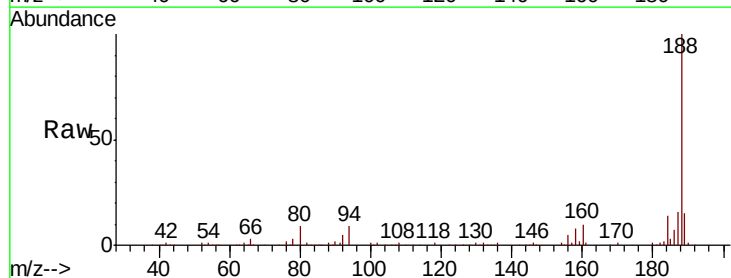
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.03 min
 Lab File: BF116285.D
 Acq: 15 Aug 2019 18:29

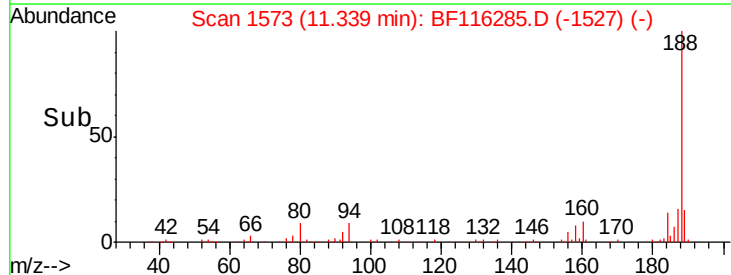
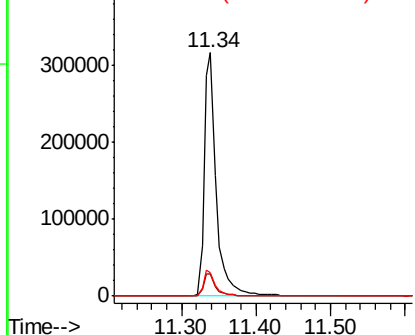
Tgt	Ion:188	Resp:	355543
Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.1	12.1
80	9.5	8.7	13.1

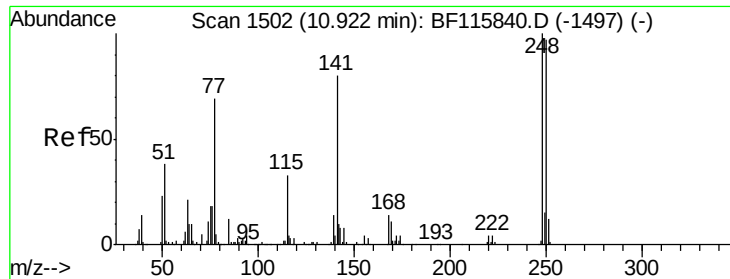


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

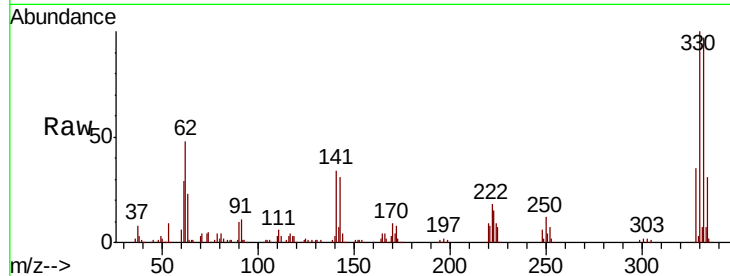




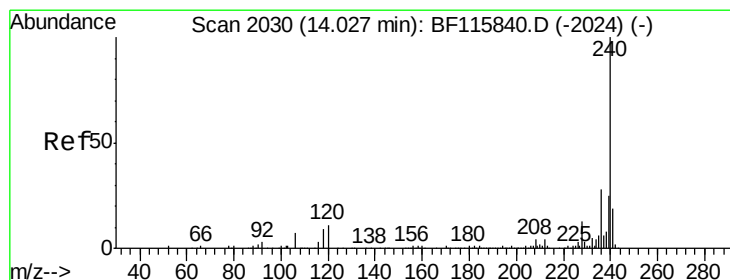
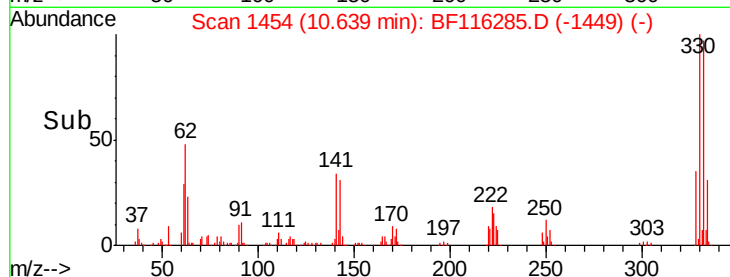
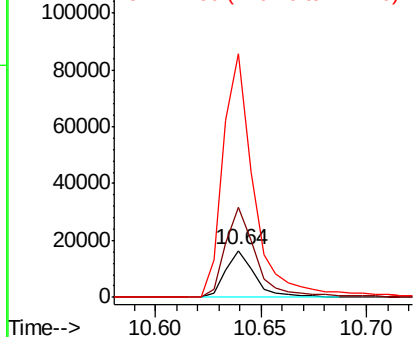
#67
4-Bromophenyl-phenylether
Concen: 4.093 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.27 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15579
Ion Ratio Lower Upper
248 100
250 194.5 77.4 116.2#
141 524.0 56.8 85.2#

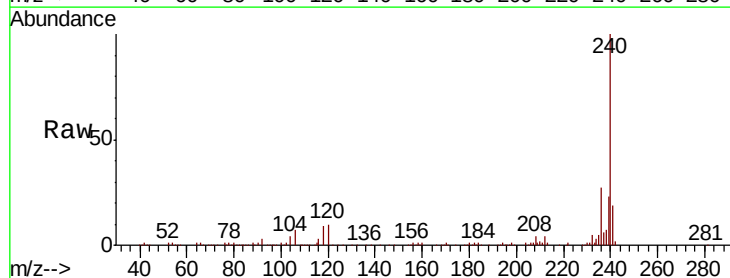


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

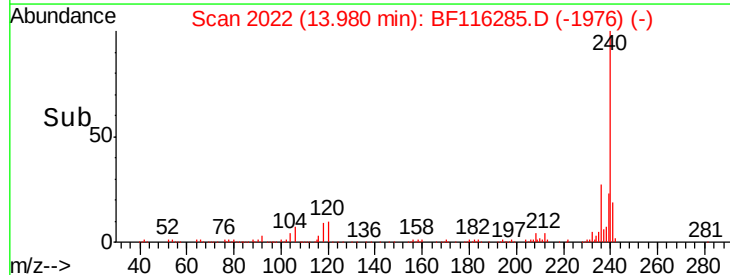
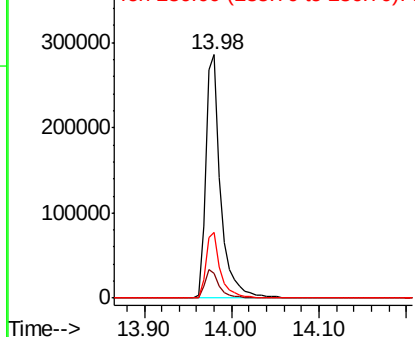


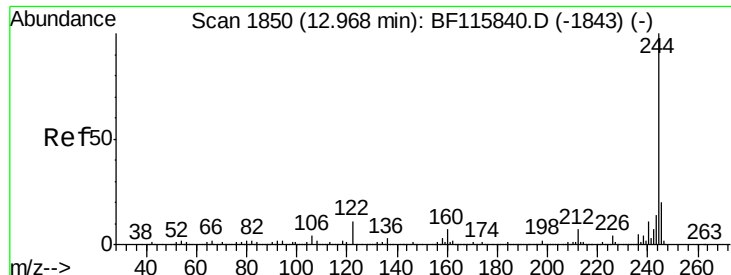
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116285.D
Acq: 15 Aug 2019 18:29

Tgt Ion:240 Resp: 336987
Ion Ratio Lower Upper
240 100
120 10.4 10.7 16.1#
236 27.1 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

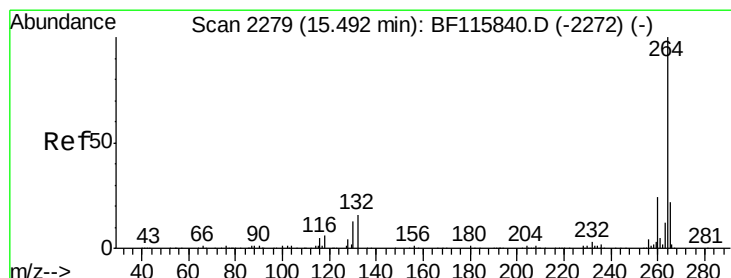
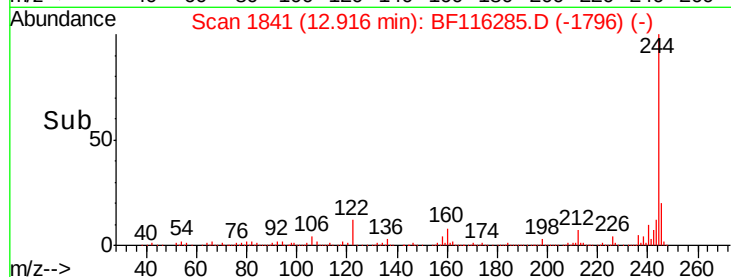
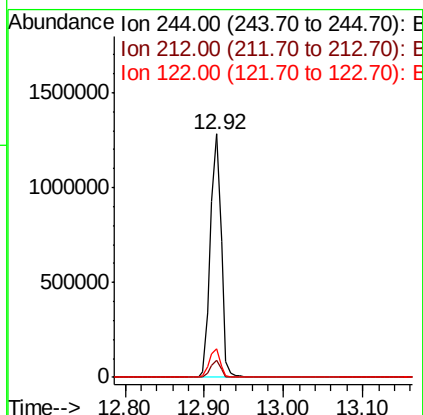
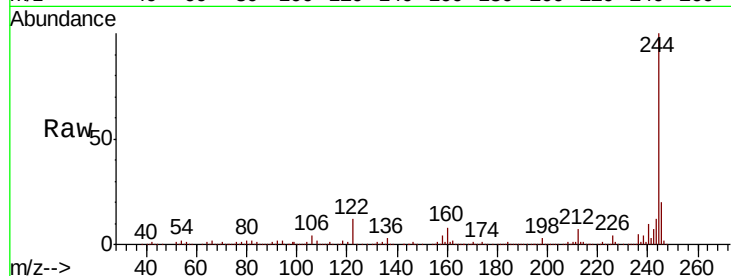




#79
 Terphenyl-d14
 Concen: 76.076 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116285.D
 Acq: 15 Aug 2019 18:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1216641
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.8 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116285.D
 Acq: 15 Aug 2019 18:29

Tgt Ion:264 Resp: 389233
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.7 29.5
 265 21.4 17.4 26.0

