

Data File : BF118470.D
Acq On : 3 Jan 2020 21:30
Operator : JU
Sample : K6474-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02

Quant Time: Jan 04 00:07:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	69719	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	244881	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	120036	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	177201	20.00	ng	0.00
76) Chrysene-d12	14.04	240	163194	20.00	ng	0.00
87) Perylene-d12	15.54	264	169604	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	537181	131.52	ng	0.01
7) Phenol-d6	6.49	99	623042	122.97	ng	0.00
23) Nitrobenzene-d5	7.41	82	380801	88.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	182004	122.78	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	739335	94.02	ng	-0.01
79) Terphenyl-d14	12.98	244	741022	75.33	ng	0.00

Target Compounds				Qvalue		
10) Phenol	6.50	94	13338	2.342	ng	# 76
19) n-Nitroso-di-n-propylamine	7.41	70	52939	16.961	ng	# 80
25) Isophorone	7.41	82	380798	51.033	ng	# 62
50) Dimethylphthalate	9.60	163	39199	4.350	ng	99
51) 2,6-Dinitrotoluene	9.89	165	15382	7.918	ng	# 27
57) 2,4-Dinitrotoluene	9.89	165	15382	5.926	ng	# 30
67) 4-Bromophenyl-phenylether	10.69	248	11394	5.494	ng	# 1

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

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SB-02

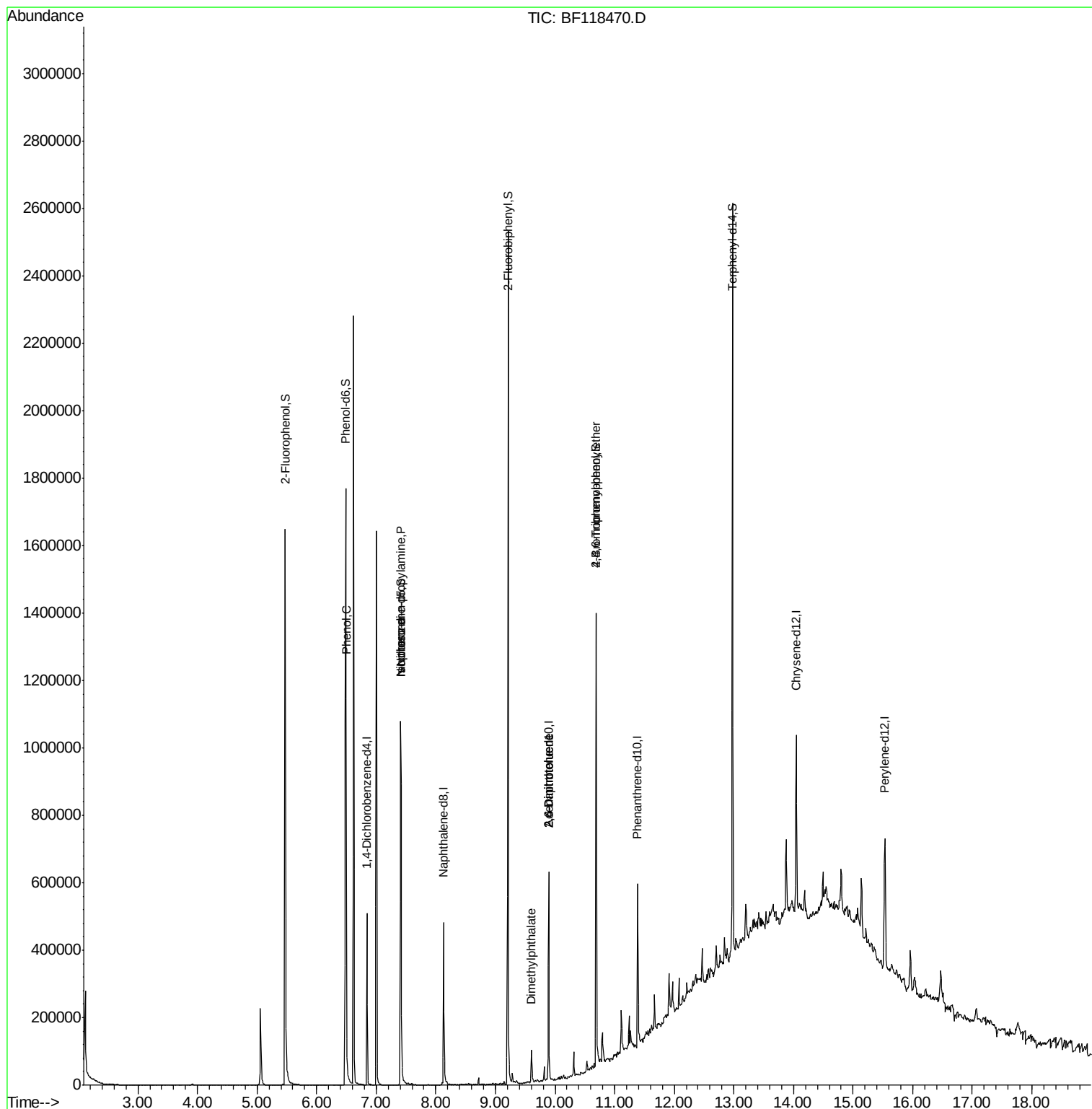
Quant Time: Jan 04 00:07:21 2020

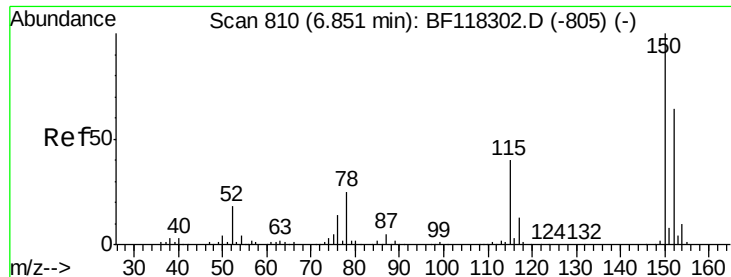
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF122419.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 24 15:58:52 2019

Response via : Initial Calibration



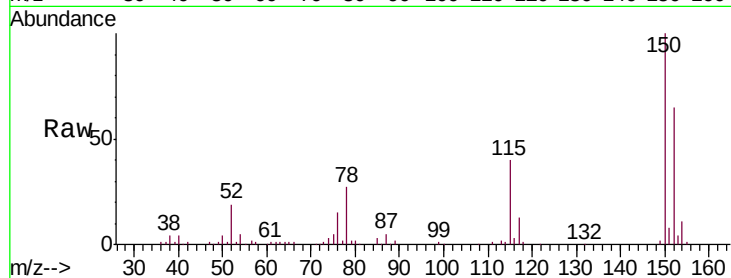


#1

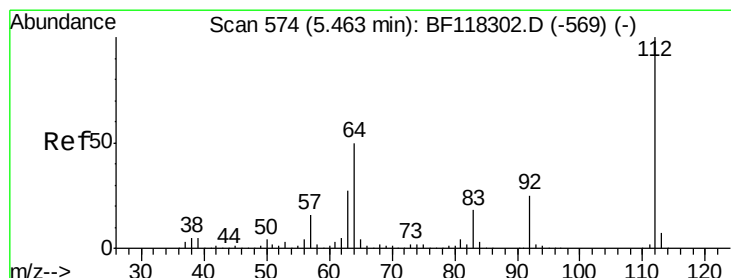
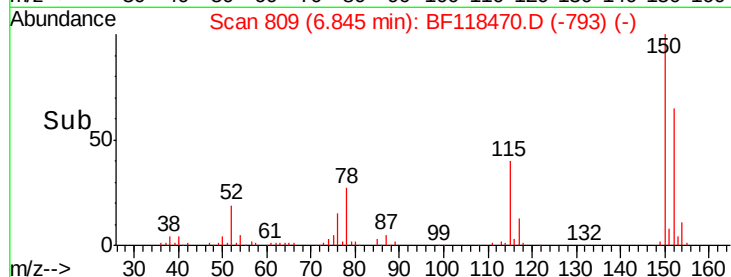
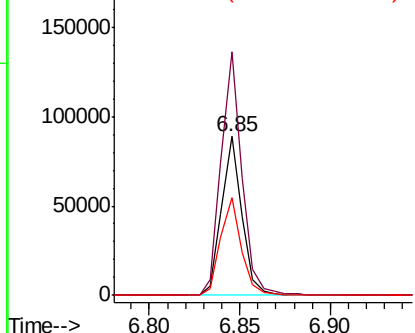
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SB-02

Tgt Ion:152 Resp: 69719
Ion Ratio Lower Upper
152 100
150 153.3 125.4 188.2
115 61.7 50.2 75.4



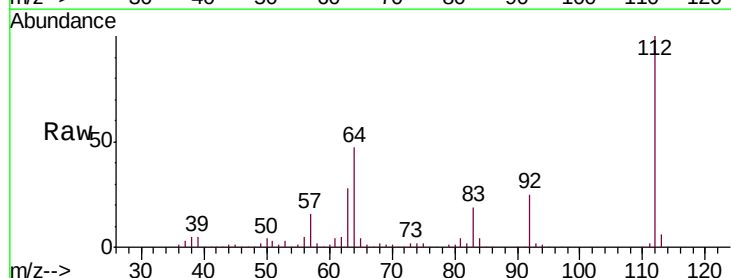
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



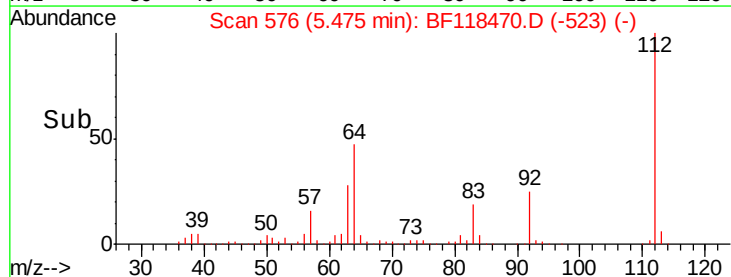
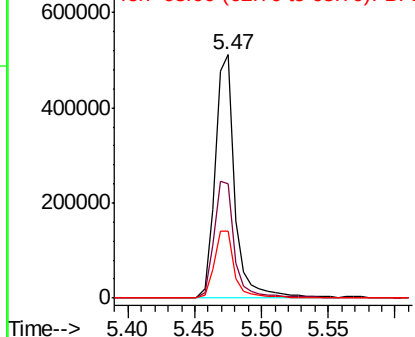
#5

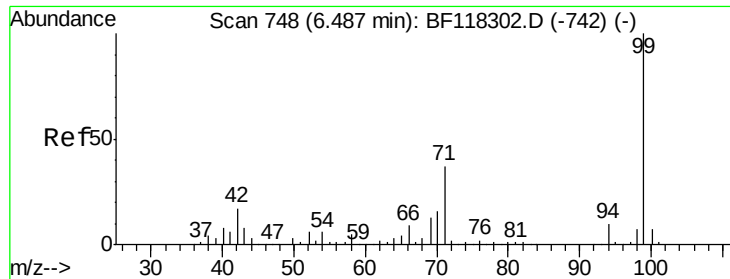
2-Fluorophenol
Concen: 131.523 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Tgt Ion:112 Resp: 537181
Ion Ratio Lower Upper
112 100
64 47.1 39.7 59.5
63 27.6 21.7 32.5



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: 122.968 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF118470.D

Acq: 3 Jan 2020 21:30

Instrument :

BNA_F

ClientSampleId :

SB-02

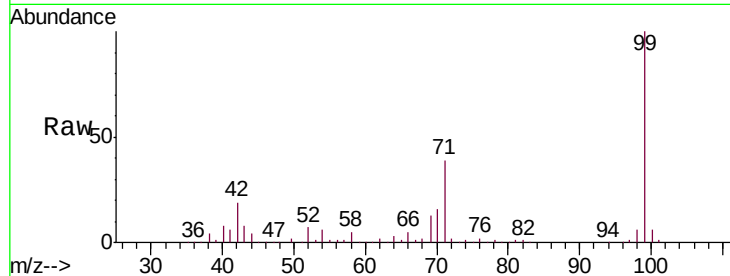
Tgt Ion: 99 Resp: 623042

Ion Ratio Lower Upper

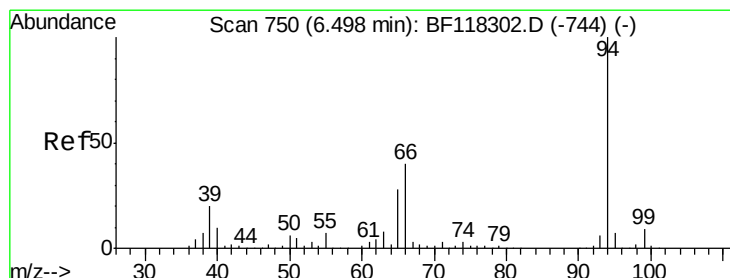
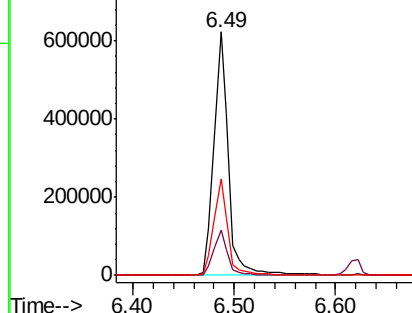
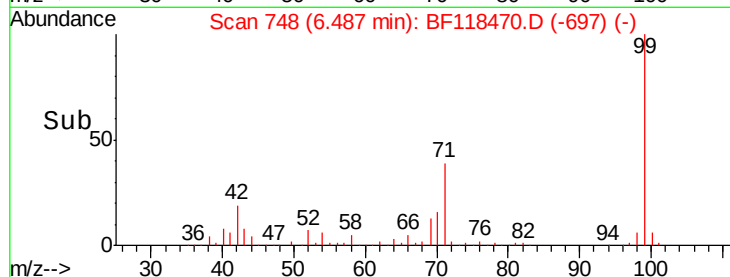
99 100

42 18.8 13.5 20.3

71 39.5 29.4 44.2



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



#10

Phenol

Concen: 2.342 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118470.D

Acq: 3 Jan 2020 21:30

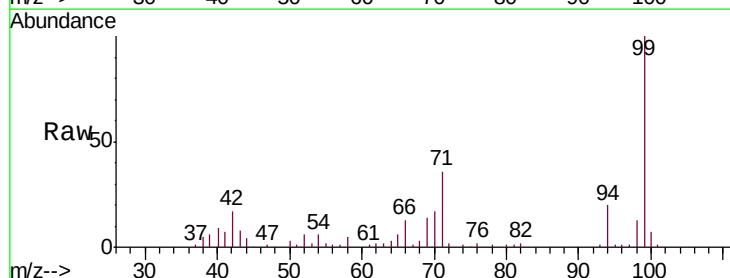
Tgt Ion: 94 Resp: 13338

Ion Ratio Lower Upper

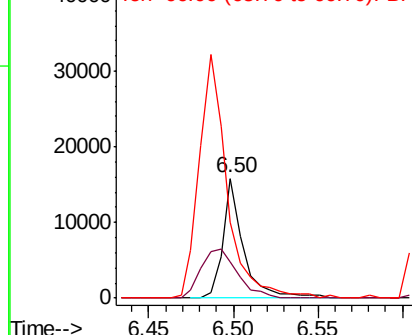
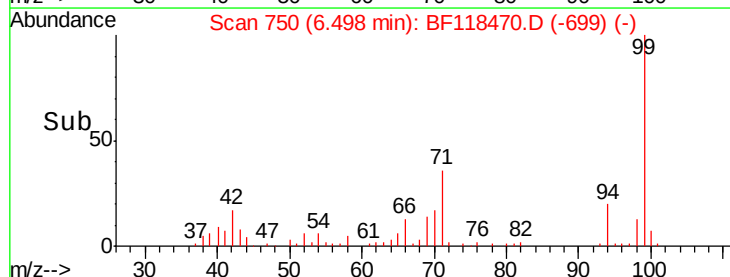
94 100

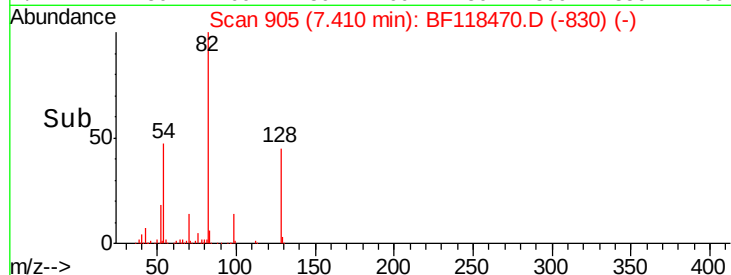
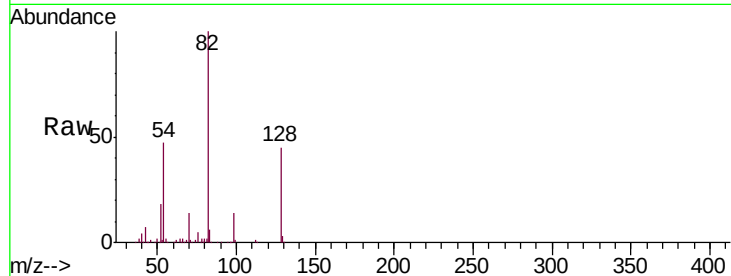
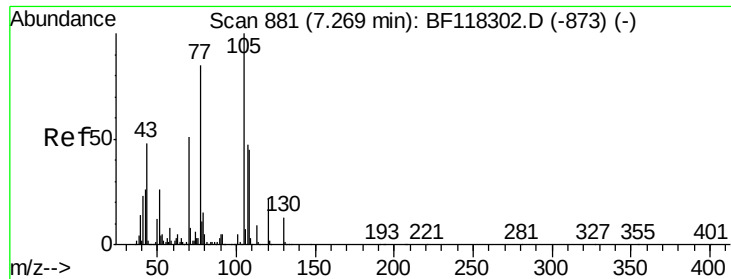
65 30.0 7.8 47.8

66 63.8 20.4 60.4#



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

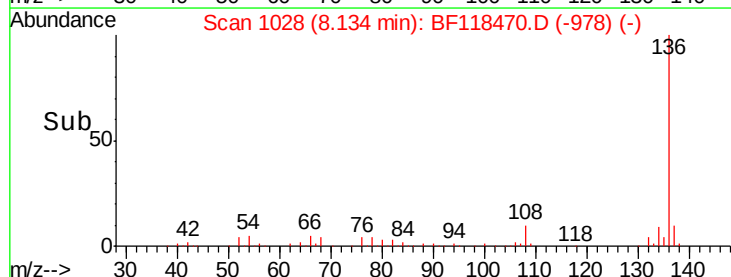
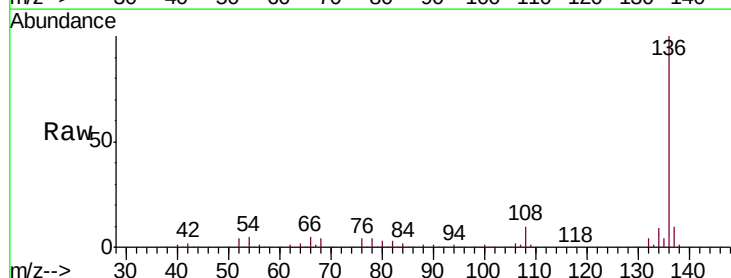
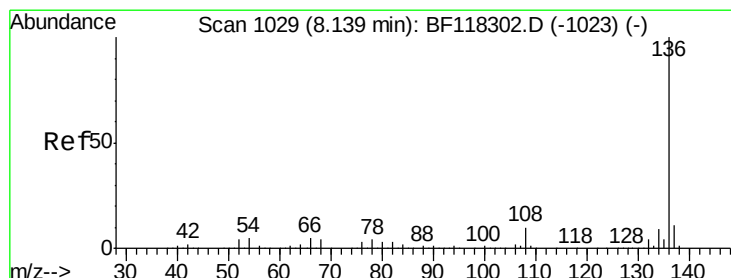
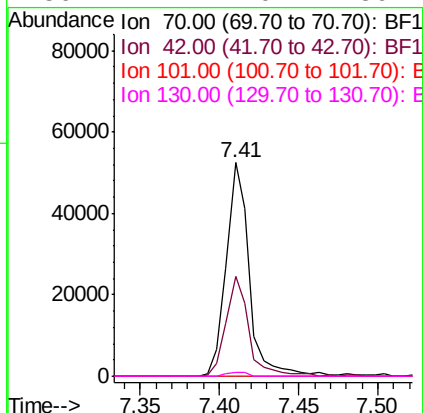




#19
n-Nitroso-di-n-propylamine
Concen: 16.961 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

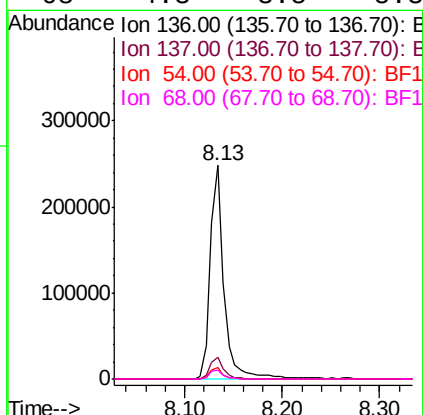
Instrument :
BNA_F
ClientSampleId :
SB-02

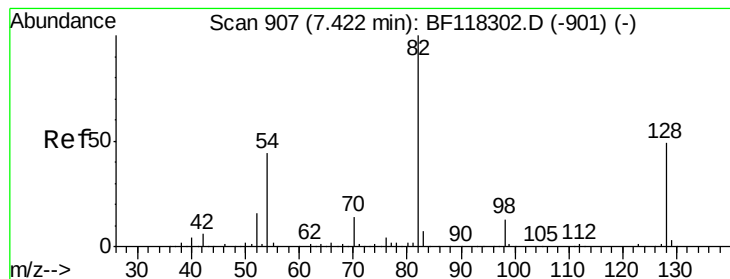
Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.0	41.1	61.7
101	0.0	8.3	12.5#
130	2.1	20.1	30.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.3	4.2	6.4
68	4.3	3.5	5.3





#23

Nitrobenzene-d5

Concen: 88.941 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF118470.D

Acq: 3 Jan 2020 21:30

Instrument :

BNA_F

ClientSampleId :

SB-02

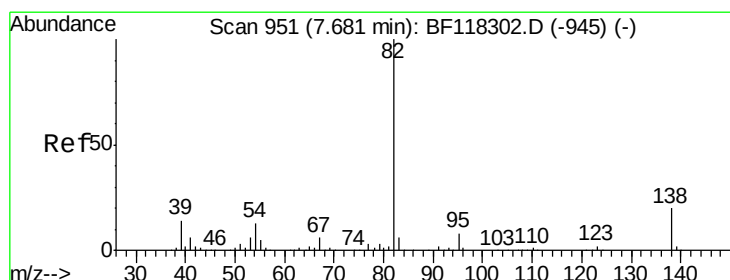
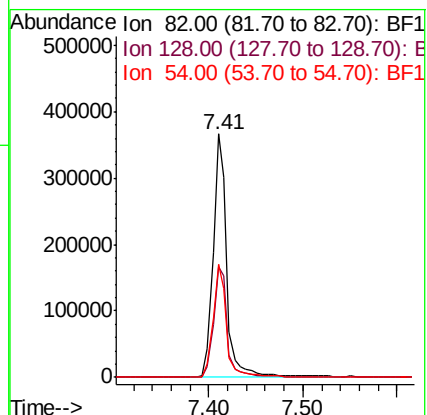
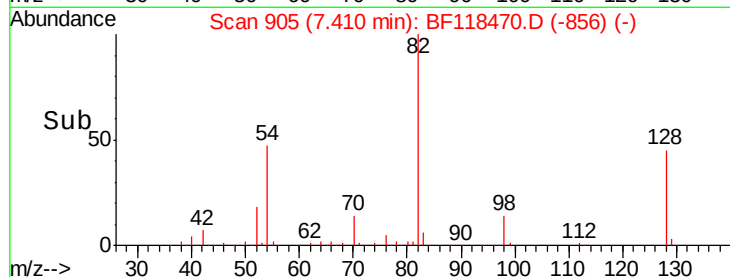
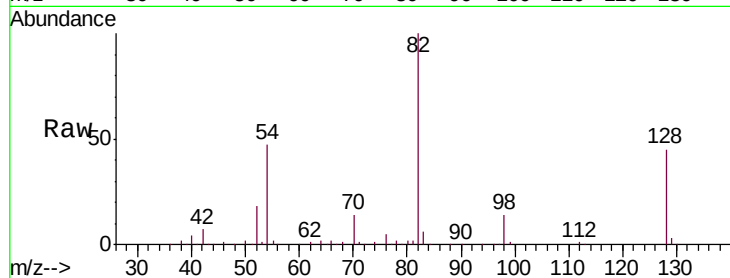
Tgt Ion: 82 Resp: 380801

Ion Ratio Lower Upper

82 100

128 45.5 39.6 59.4

54 46.7 34.9 52.3



#25

Isophorone

Concen: 51.033 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.27 min

Lab File: BF118470.D

Acq: 3 Jan 2020 21:30

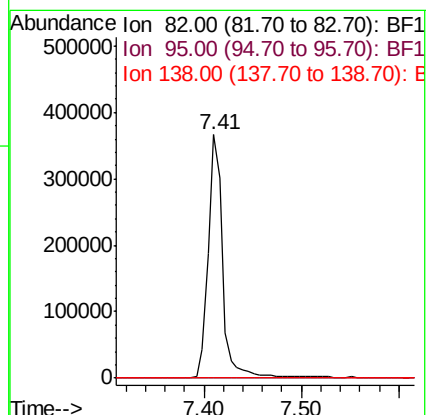
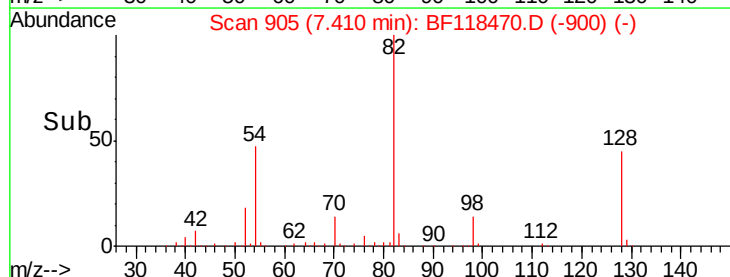
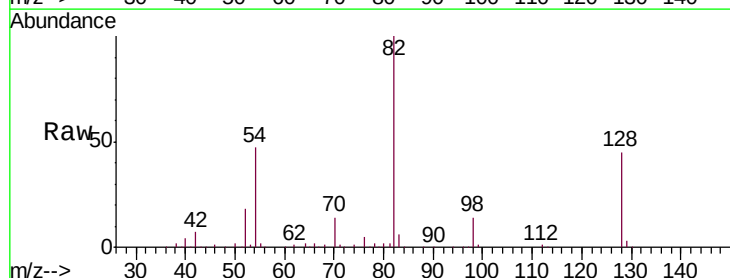
Tgt Ion: 82 Resp: 380798

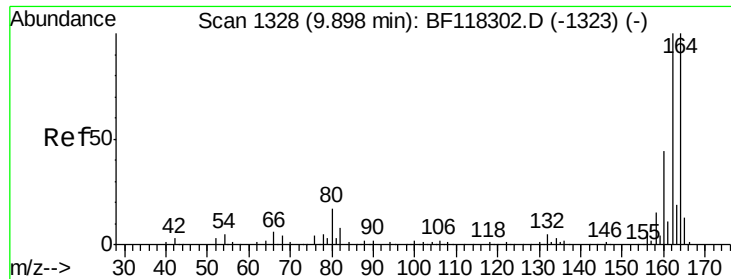
Ion Ratio Lower Upper

82 100

95 0.0 6.3 9.5#

138 0.0 16.2 24.2#

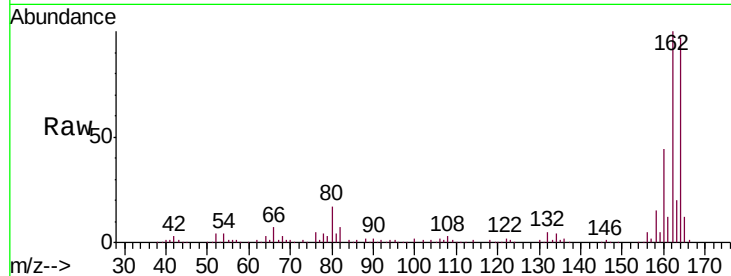




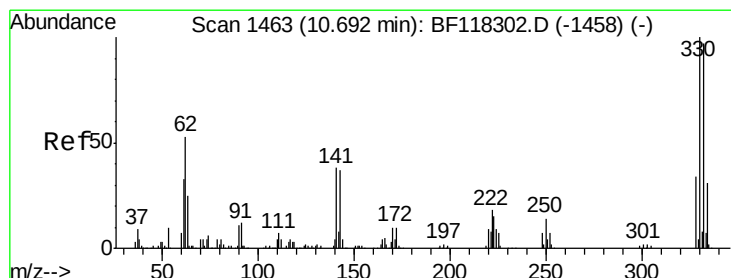
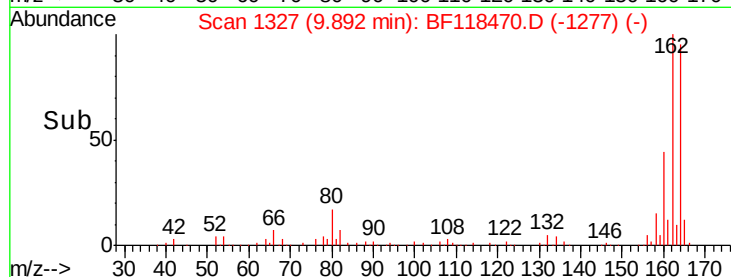
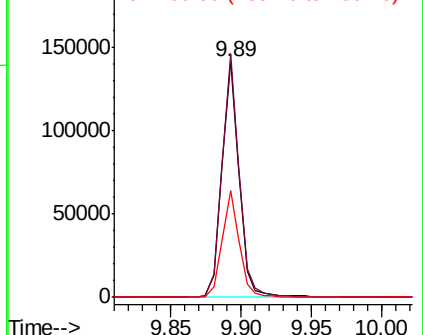
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SB-02

Tgt Ion:164 Resp: 120036
Ion Ratio Lower Upper
164 100
162 103.4 80.0 120.0
160 45.3 34.8 52.2

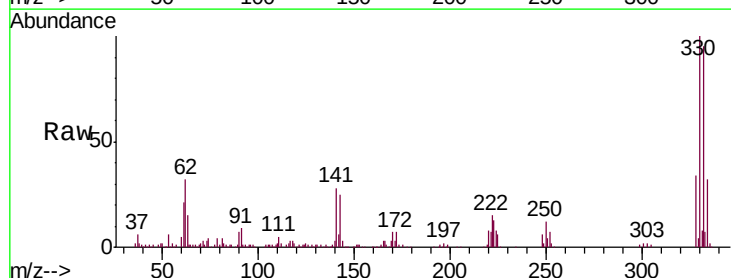


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

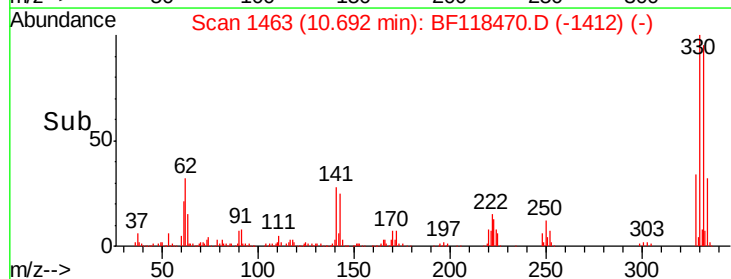
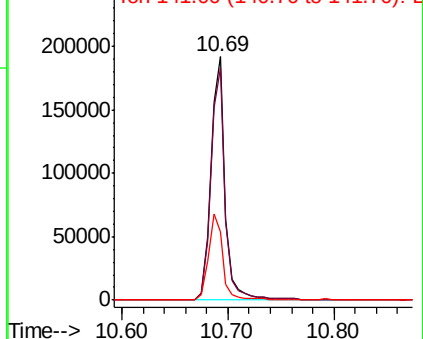


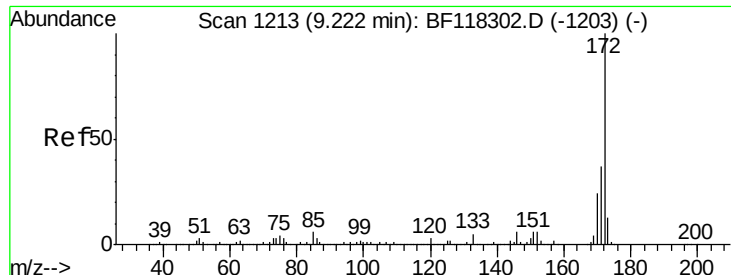
#42
2,4,6-Tribromophenol
Concen: 122.780 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.00 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Tgt Ion:330 Resp: 182004
Ion Ratio Lower Upper
330 100
332 96.2 76.6 114.8
141 36.0 26.0 39.0



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

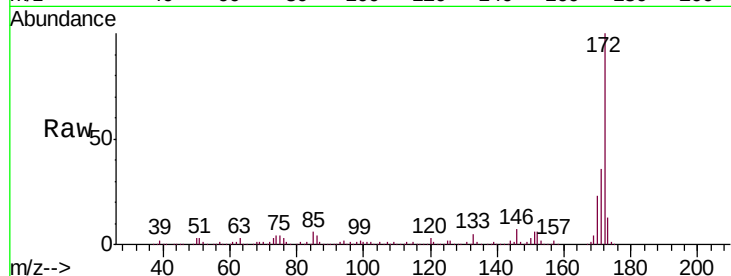




#45
 2-Fluorobiphenyl
 Concen: 94.020 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF118470.D
 Acq: 3 Jan 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.3	43.9
170	23.0	19.2	28.8

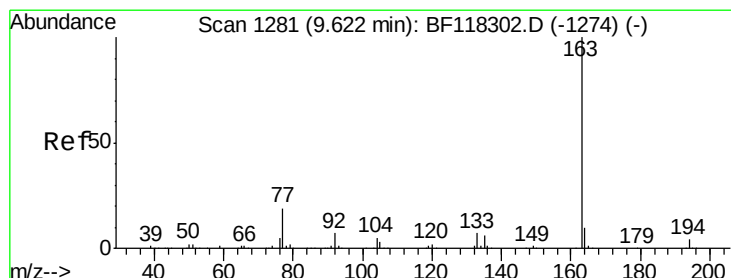
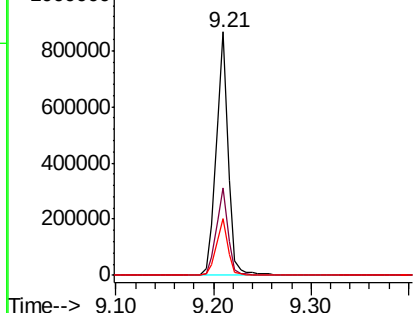
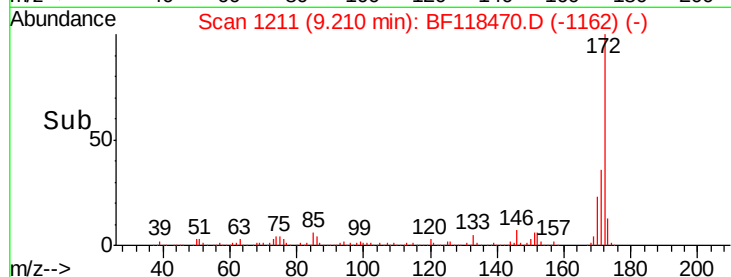


Abundance

Ion 172.00 (171.70 to 172.70): E

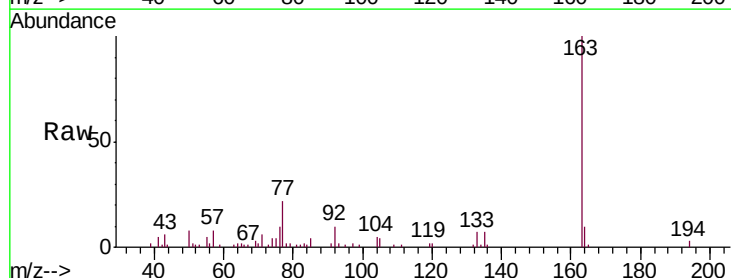
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
 Dimethylphthalate
 Concen: 4.350 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.02 min
 Lab File: BF118470.D
 Acq: 3 Jan 2020 21:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	9.9	7.9	11.9

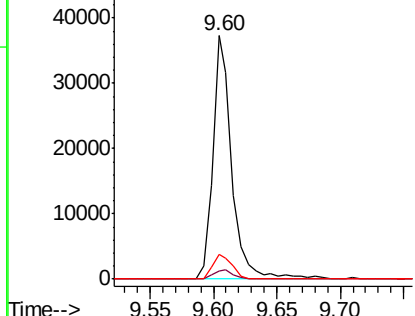
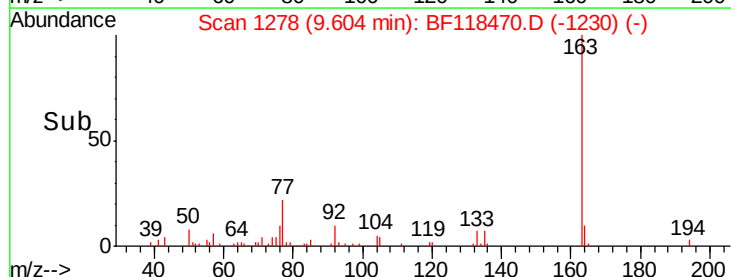


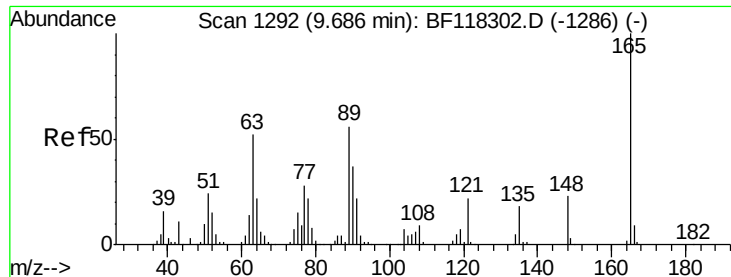
Abundance

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

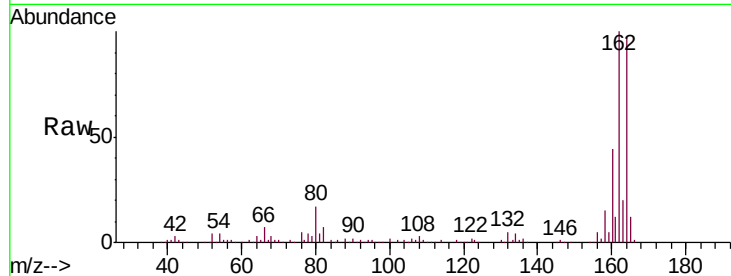




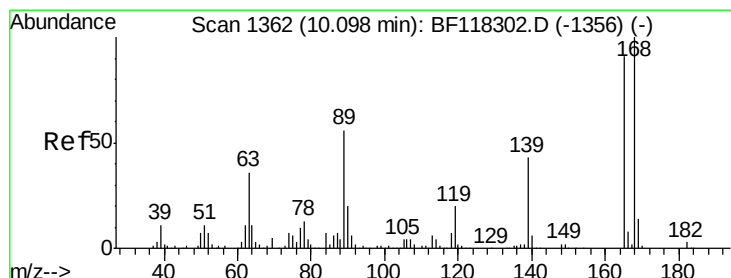
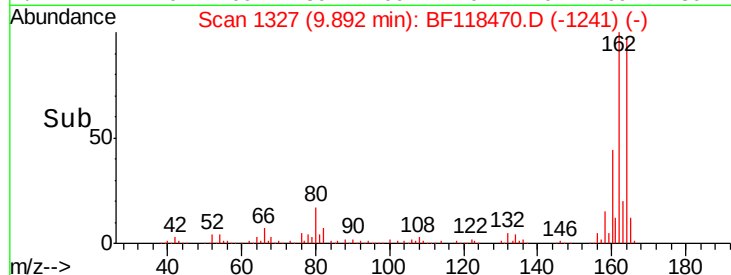
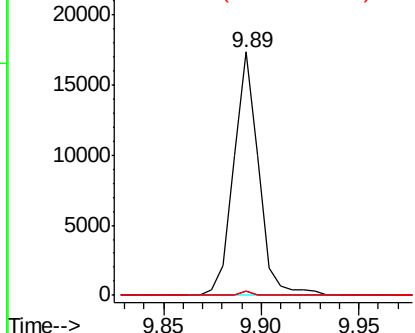
#51
 2,6-Dinitrotoluene
 Concen: 7.918 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.21 min
 Lab File: BF118470.D
 Acq: 3 Jan 2020 21:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.2	63.4#
89	2.0	44.4	66.6#



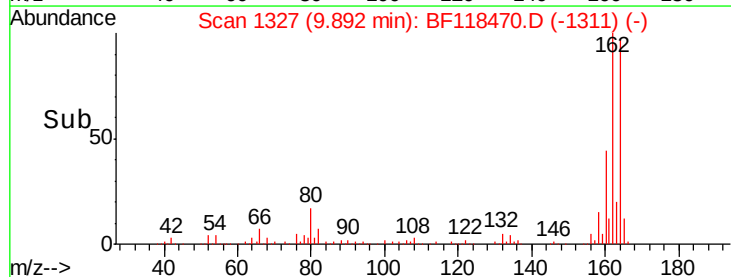
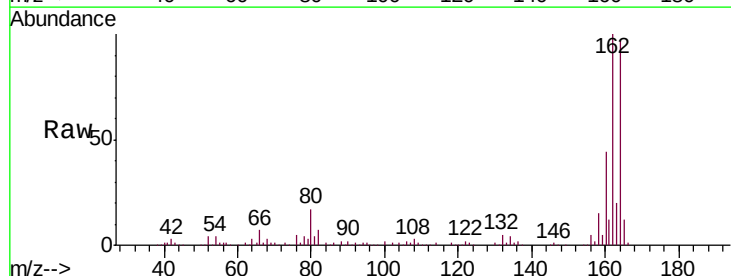
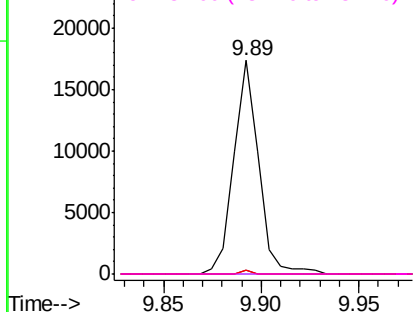
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

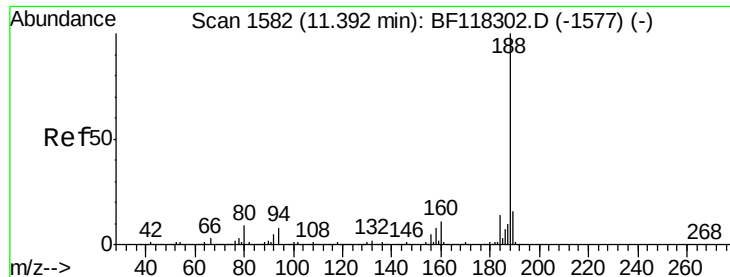


#57
 2,4-Dinitrotoluene
 Concen: 5.926 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.21 min
 Lab File: BF118470.D
 Acq: 3 Jan 2020 21:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	32.0	48.0#
89	2.0	49.3	73.9#
182	0.0	2.4	3.6#

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

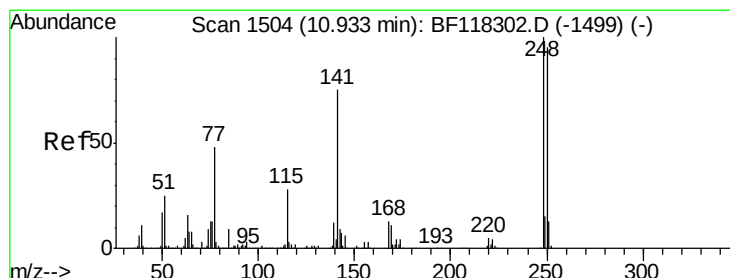
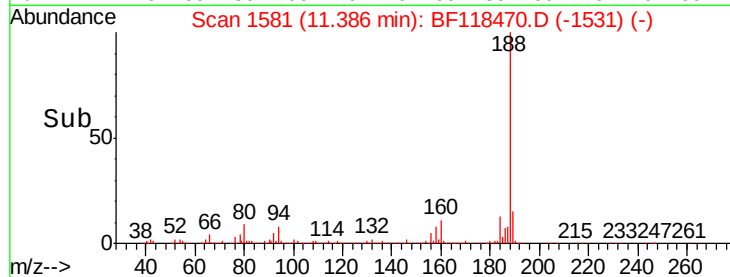
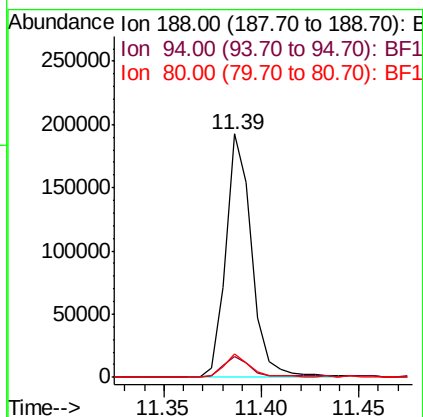
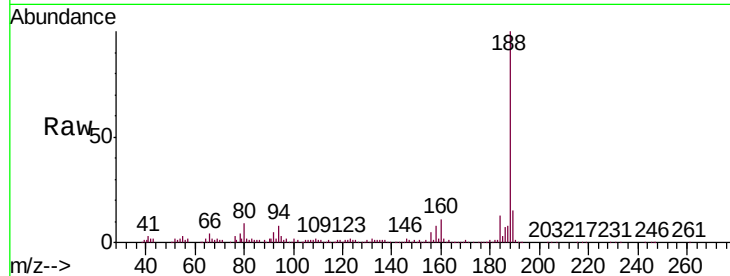




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

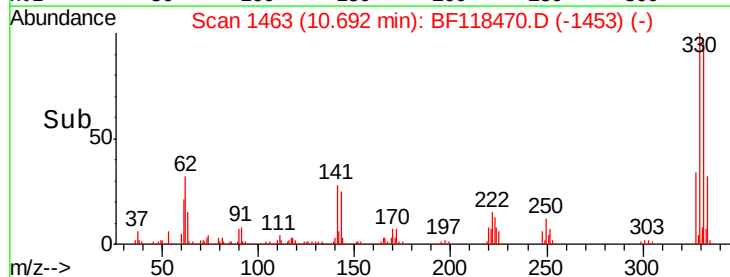
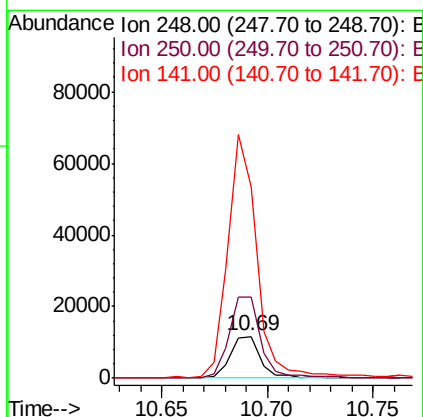
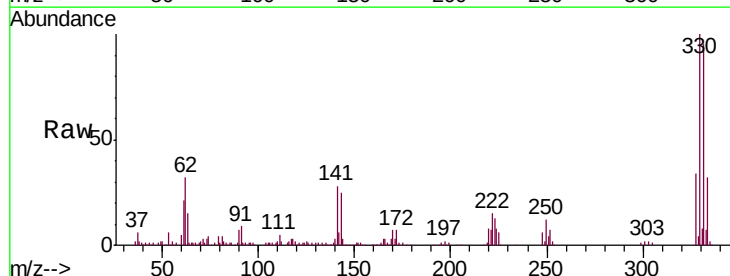
Instrument :
BNA_F
ClientSampleId :
SB-02

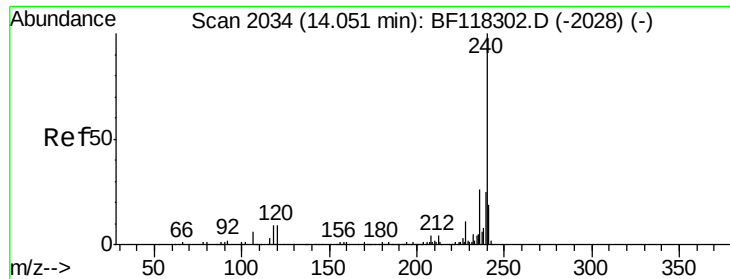
Tgt Ion:188 Resp: 177201
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.4 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 5.494 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Tgt Ion:248 Resp: 11394
Ion Ratio Lower Upper
248 100
250 194.4 76.4 114.6#
141 459.8 60.2 90.2#

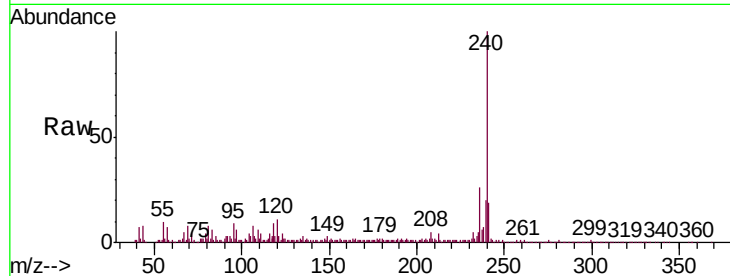




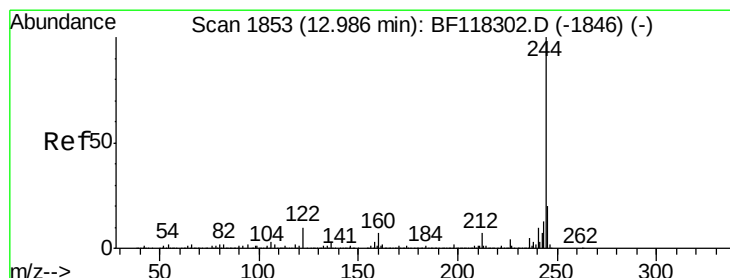
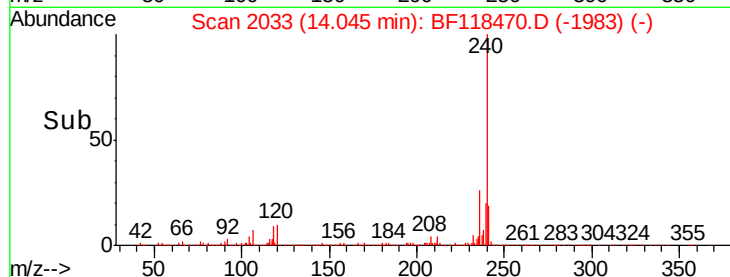
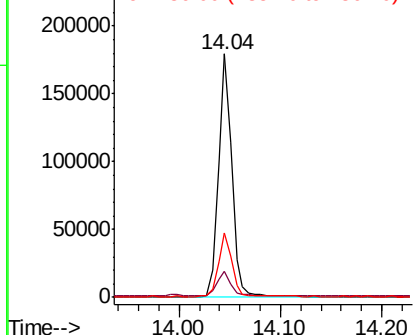
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SB-02

Tgt Ion:240 Resp: 163194
Ion Ratio Lower Upper
240 100
120 10.8 7.1 10.7#
236 26.3 21.0 31.6

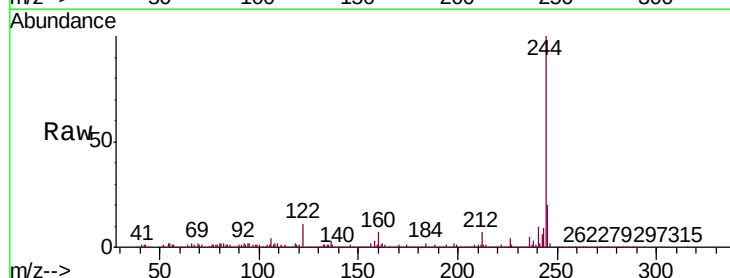


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

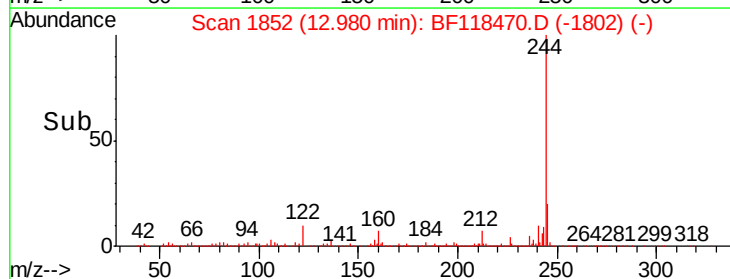
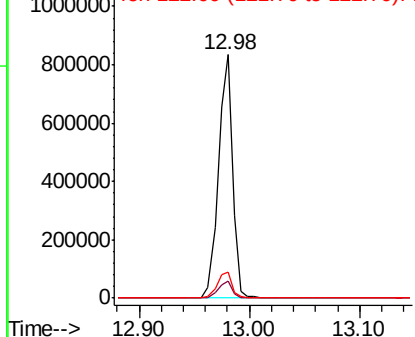


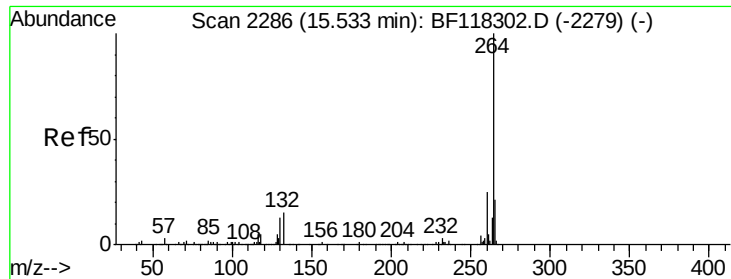
#79
Terphenyl-d14
Concen: 75.332 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Tgt Ion:244 Resp: 741022
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.6 7.8 11.8



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

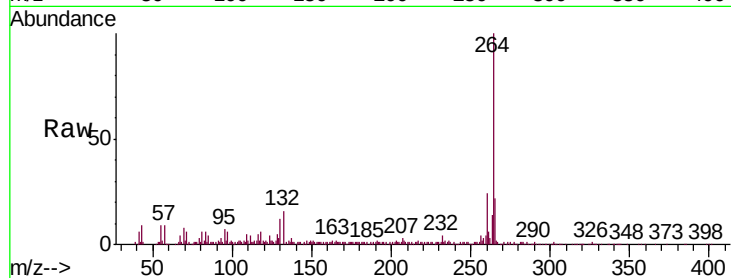




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118470.D
Acq: 3 Jan 2020 21:30

Instrument :
BNA_F
ClientSampleId :
SB-02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	21.8	17.0	25.4



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

