

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118375.D
 Acq On : 28 Dec 2019 19:53
 Operator : JU
 Sample : K6439-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIED-BF002-01

Quant Time: Dec 29 07:53:28 2019
 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

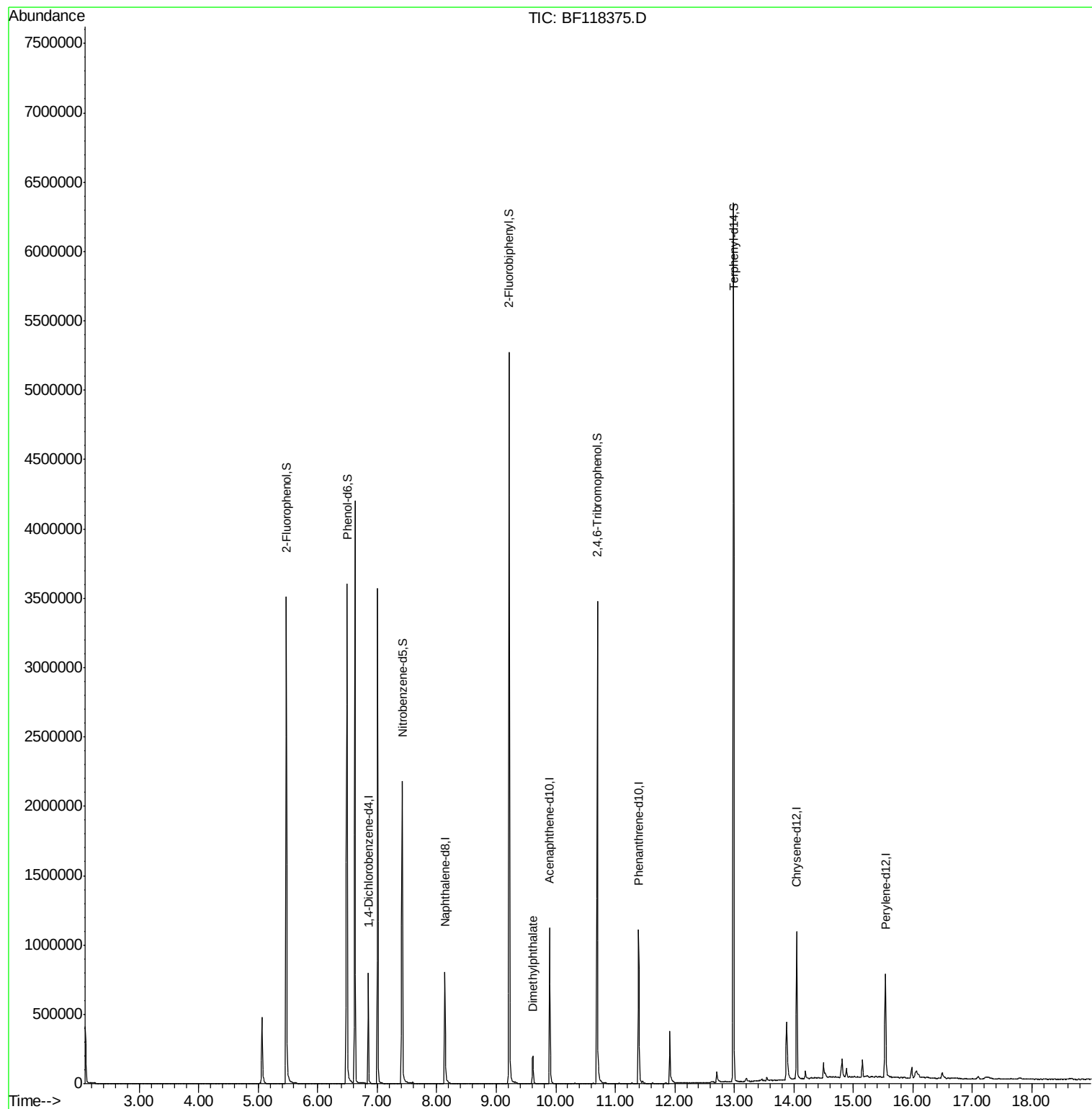
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	113090	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	441443	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	233870	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	461103	20.00	ng	0.00
76) Chrysene-d12	14.04	240	358867	20.00	ng	0.00
87) Perylene-d12	15.54	264	341456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1048178	158.21	ng	0.01
7) Phenol-d6	6.49	99	1338936	162.91	ng	0.00
23) Nitrobenzene-d5	7.42	82	826828	107.13	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	492500	170.53	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1702583	111.13	ng	0.00
79) Terphenyl-d14	12.99	244	2223732	102.80	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	107435	6.120	ng	Qvalue 99

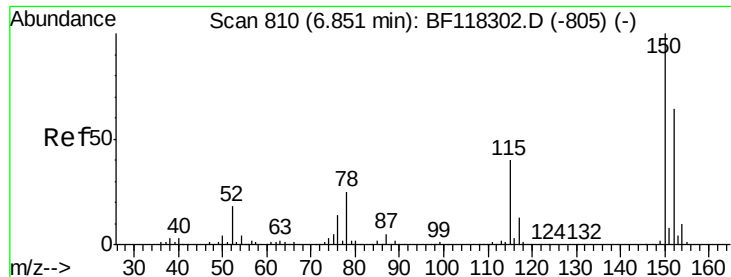
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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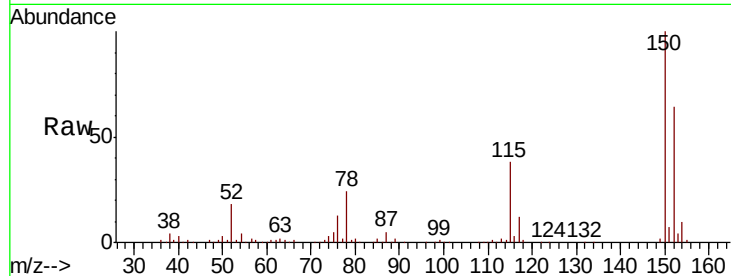


#1

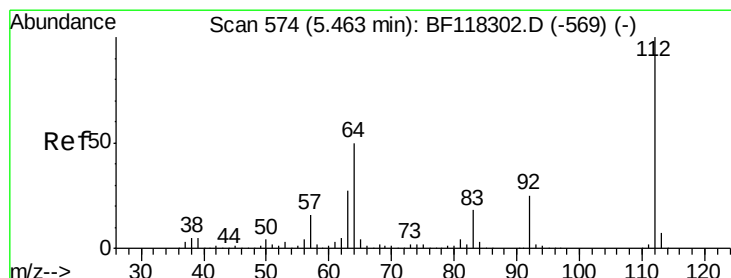
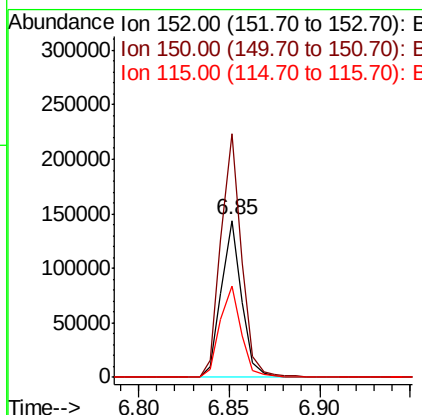
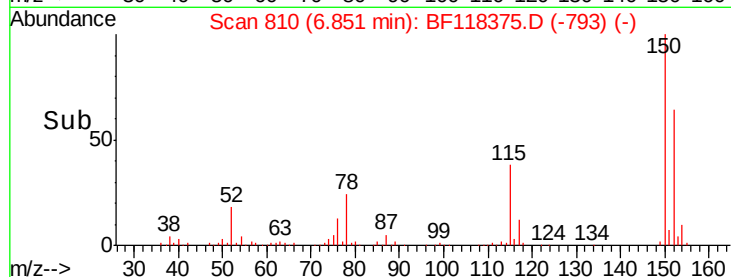
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118375.D
Acq: 28 Dec 2019 19:53

Instrument :
BNA_F
ClientSampleId :
LIED-BF002-01

Tot Ion:152 Resp: 113090
Ion Ratio Lower Upper
152 100
150 155.2 125.4 188.2
115 58.3 50.2 75.4



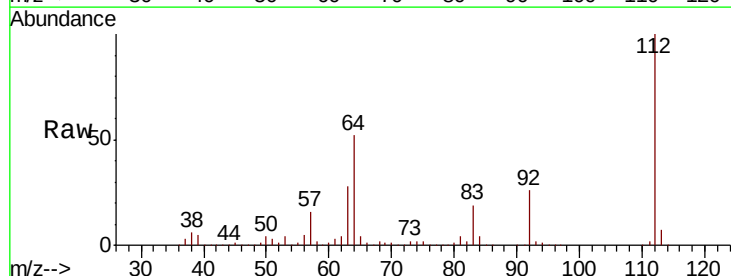
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



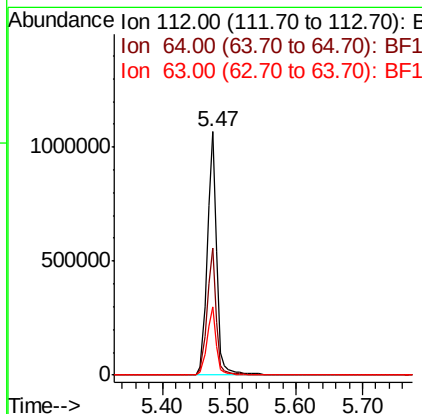
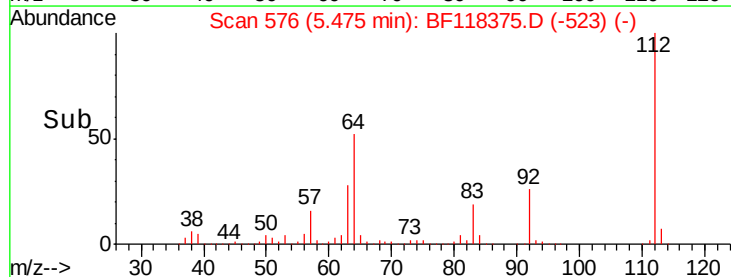
#5

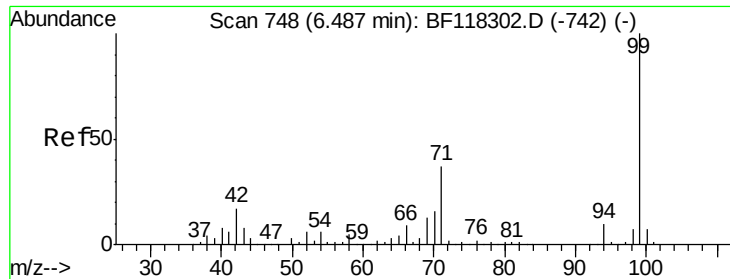
2-Fluorophenol
Concen: 158.213 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF118375.D
Acq: 28 Dec 2019 19:53

Tgt Ion:112 Resp: 1048178
Ion Ratio Lower Upper
112 100
64 52.4 39.7 59.5
63 28.2 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: 162.915 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118375.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_F

ClientSampleId :

LIED-BF002-01

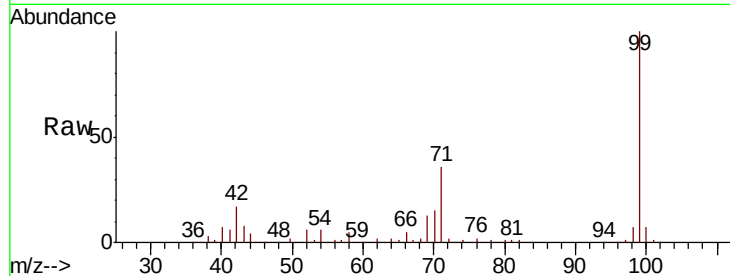
Tot Ion: 99 Resp: 1338936

Ion Ratio Lower Upper

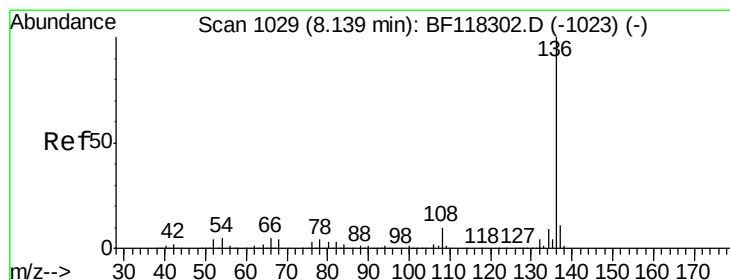
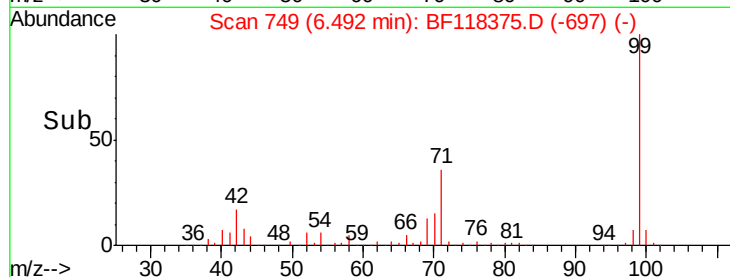
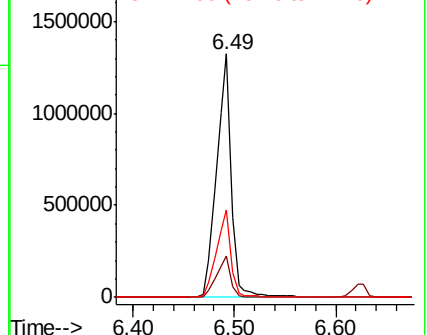
99 100

42 16.8 13.5 20.3

71 35.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF118375.D

Acq: 28 Dec 2019 19:53

Tgt Ion: 136 Resp: 441443

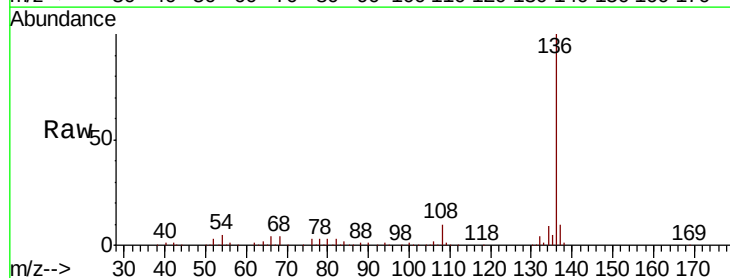
Ion Ratio Lower Upper

136 100

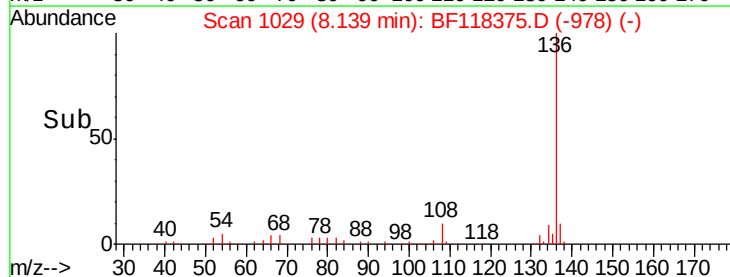
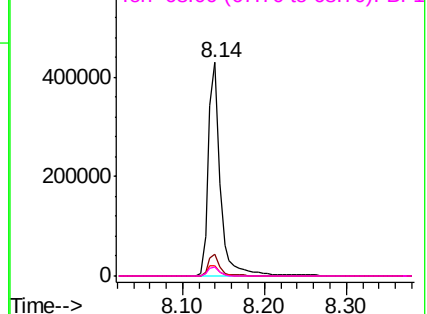
137 10.4 8.9 13.3

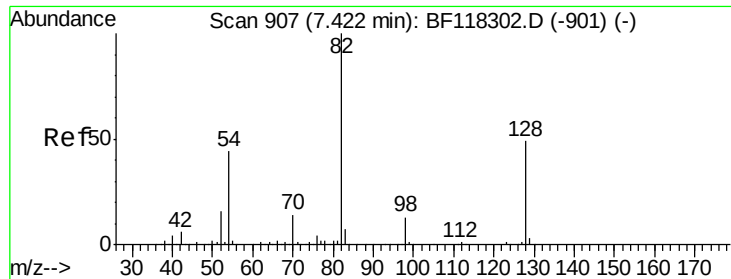
54 5.0 4.2 6.4

68 4.3 3.5 5.3



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

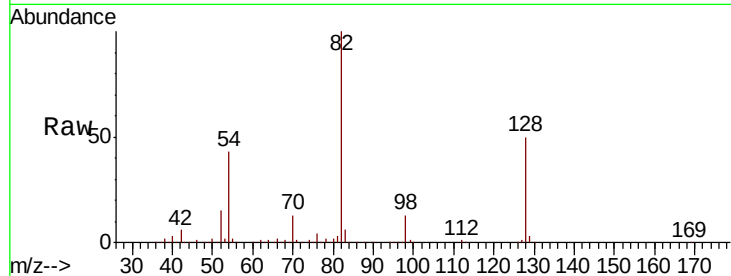




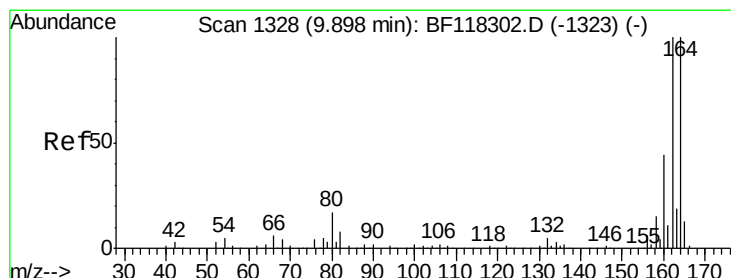
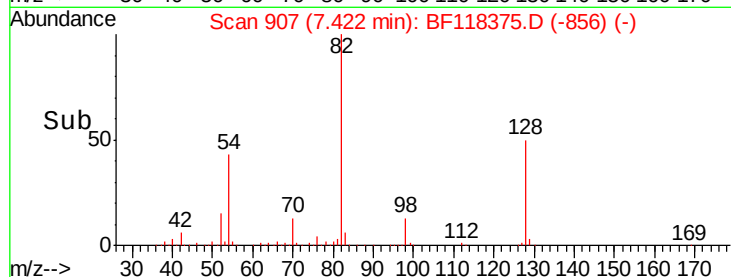
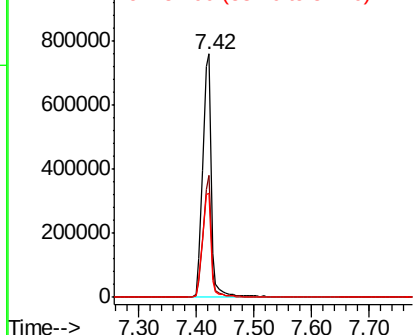
#23
 Nitrobenzene-d5
 Concen: 107.127 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF118375.D
 Acq: 28 Dec 2019 19:53

Instrument :
 BNA_F
 ClientSampleId :
 LIED-BF002-01

Tot Ion	82	Resp	826828
Ion Ratio	Lower	Upper	
82	100		
128	49.9	39.6	59.4
54	42.5	34.9	52.3

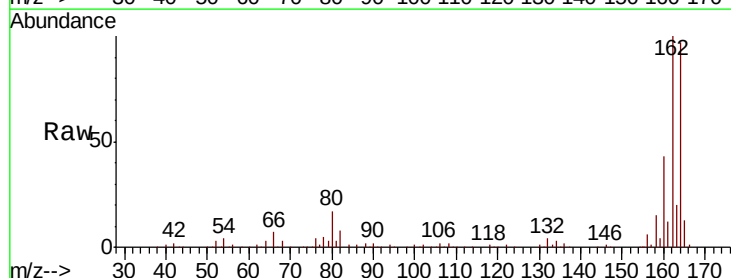


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

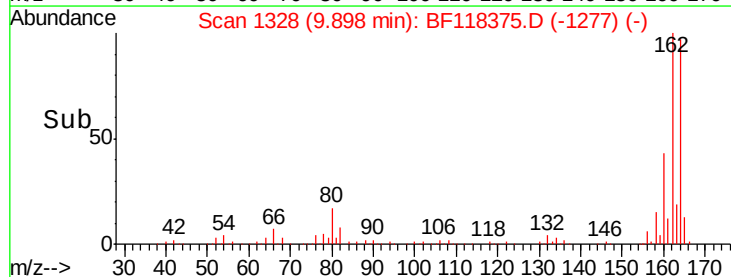
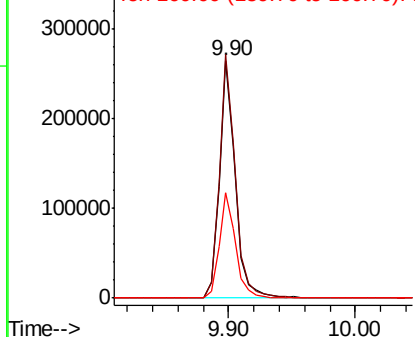


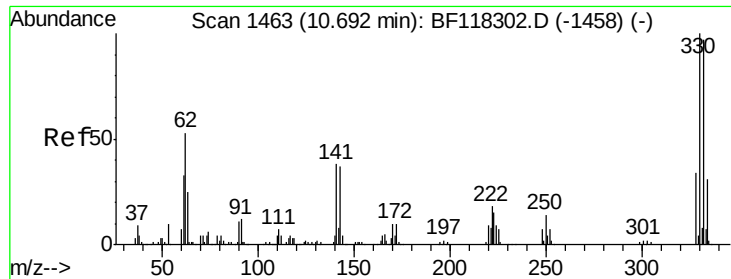
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF118375.D
 Acq: 28 Dec 2019 19:53

Tgt Ion	164	Resp	233870
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.0	120.0
160	44.2	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: 170.526 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.01 min

Lab File: BF118375.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_F

ClientSampleId :

LIED-BF002-01

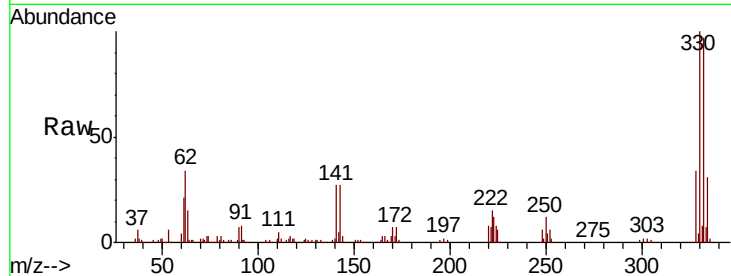
Tot Ion:330 Resp: 492500

Ion Ratio Lower Upper

330 100

332 98.0 76.6 114.8

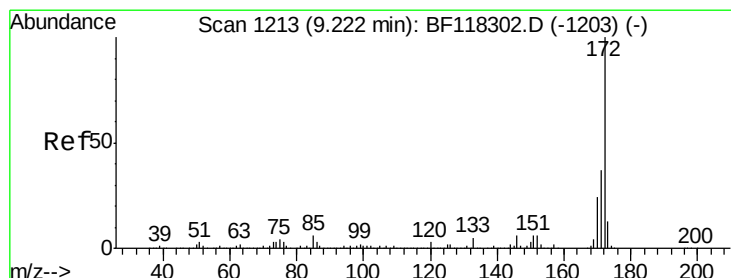
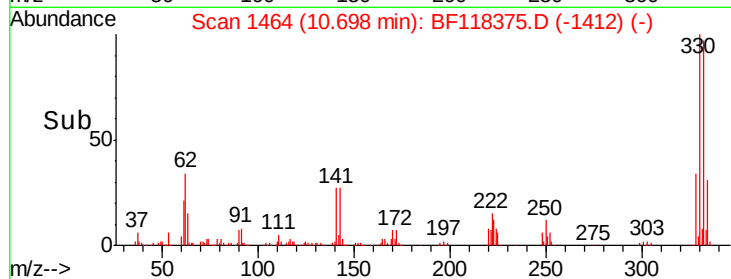
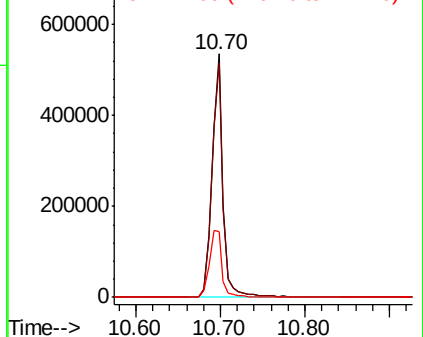
141 31.8 26.0 39.0



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: 111.128 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF118375.D

Acq: 28 Dec 2019 19:53

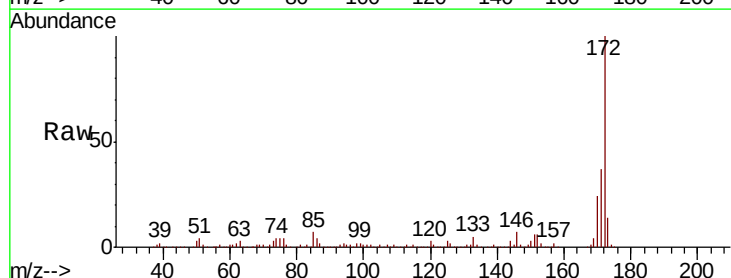
Tgt Ion:172 Resp: 1702583

Ion Ratio Lower Upper

172 100

171 36.8 29.3 43.9

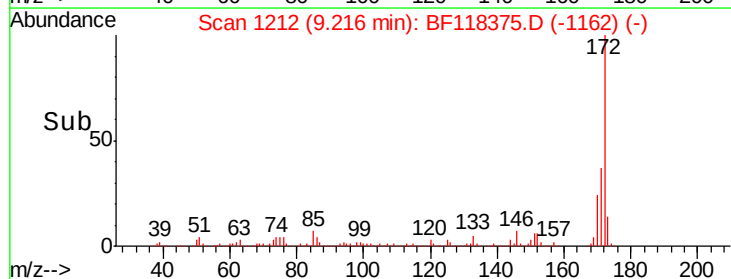
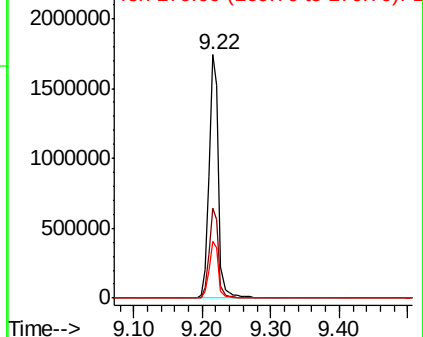
170 23.6 19.2 28.8

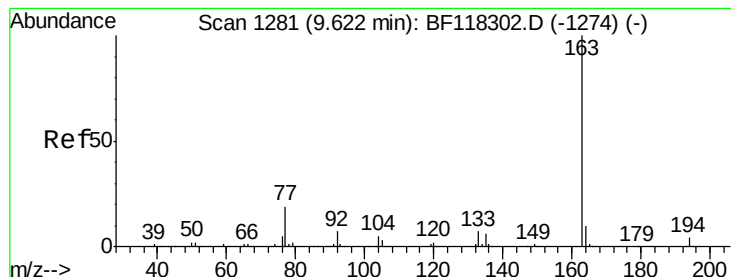


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.120 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118375.D

Acq: 28 Dec 2019 19:53

Instrument :

BNA_F

ClientSampleId :

LIED-BF002-01

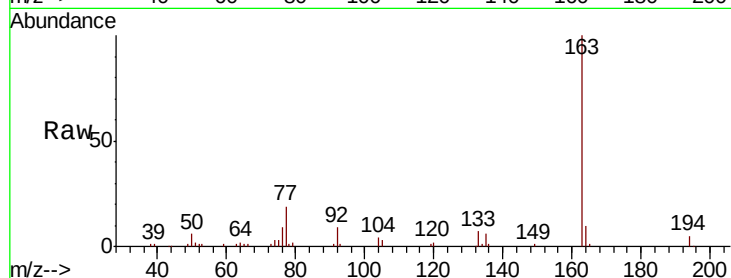
Tot Ion:163 Resp: 107435

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

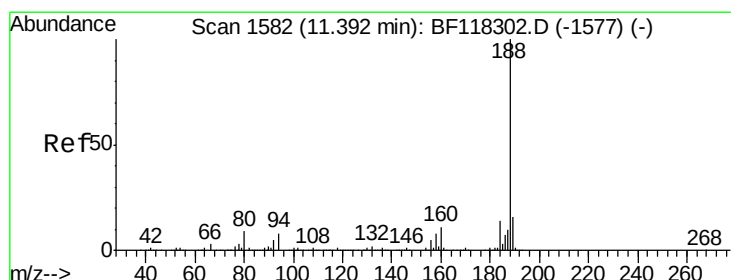
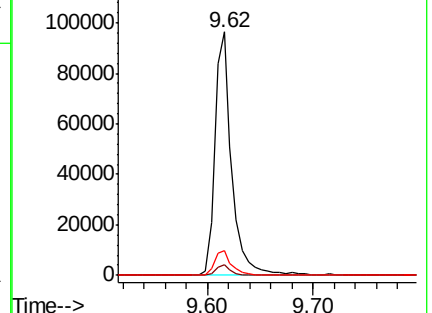
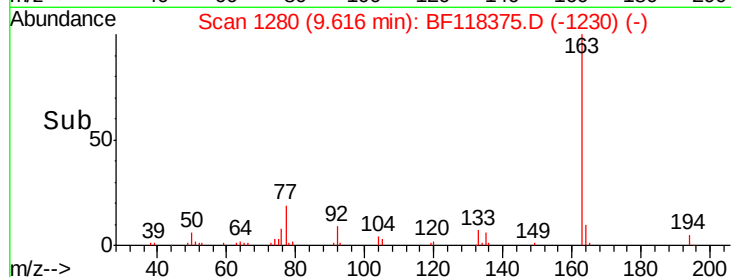
164 10.2 7.9 11.9



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF118375.D

Acq: 28 Dec 2019 19:53

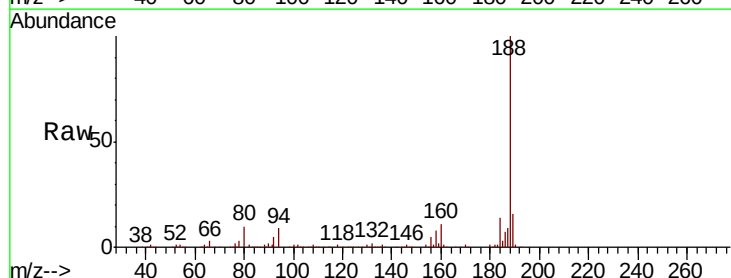
Tgt Ion:188 Resp: 461103

Ion Ratio Lower Upper

188 100

94 8.5 6.7 10.1

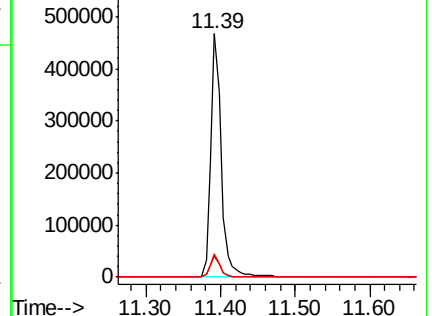
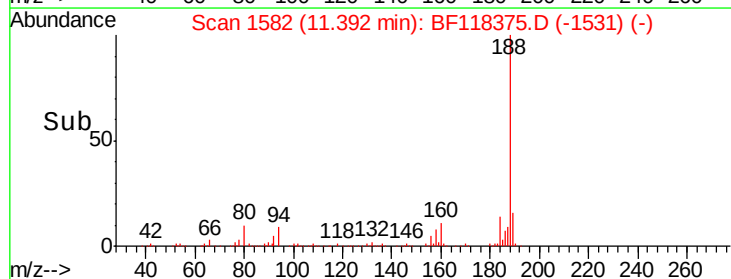
80 9.6 7.2 10.8

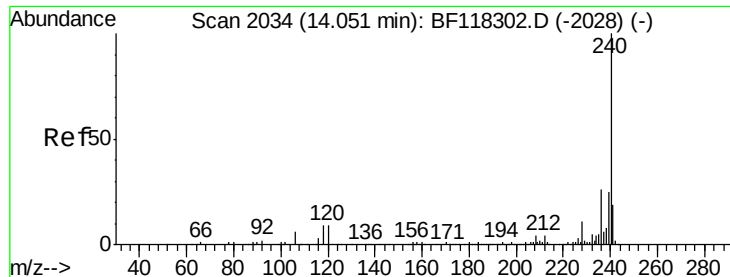


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

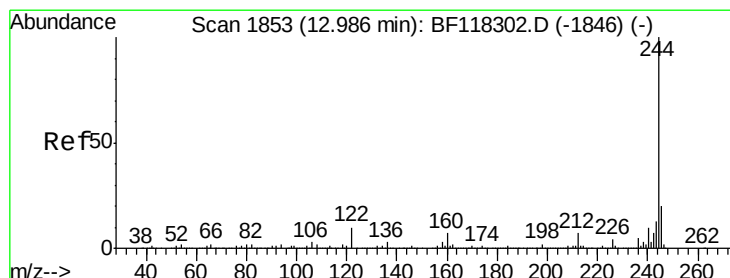
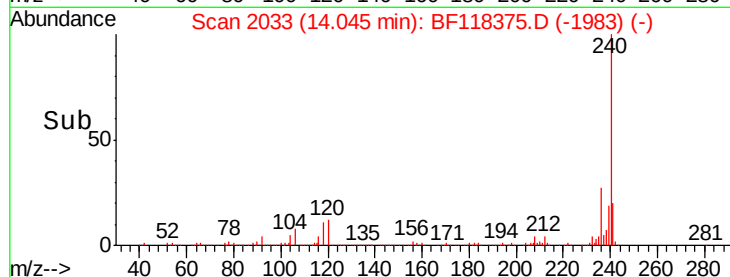
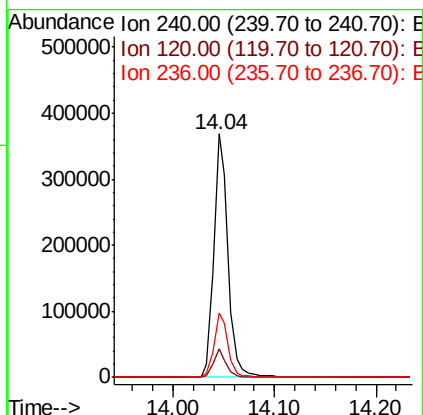
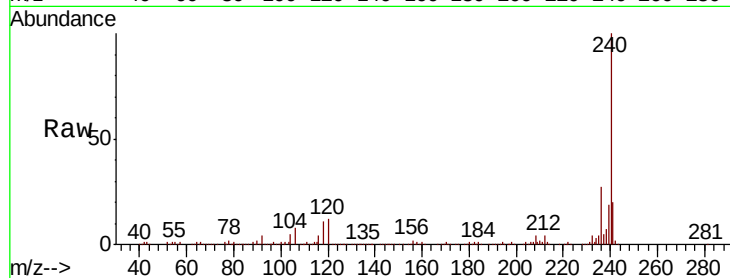




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF118375.D
 Acq: 28 Dec 2019 19:53

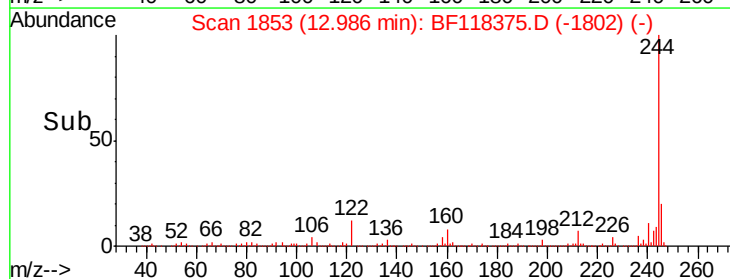
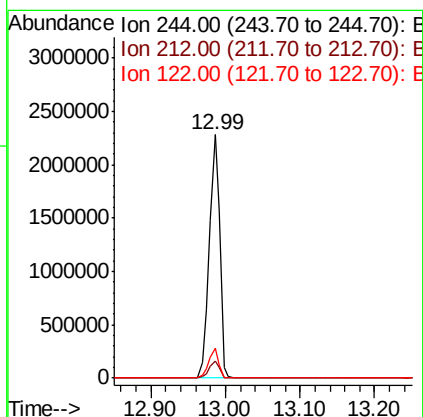
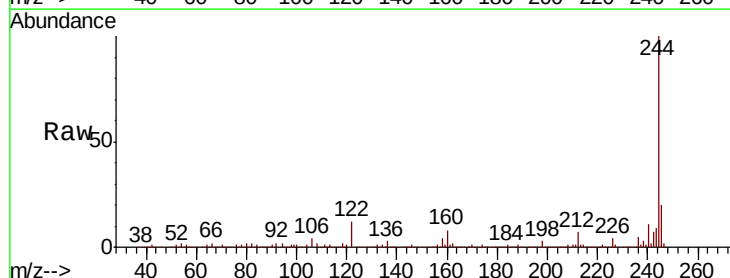
Instrument :
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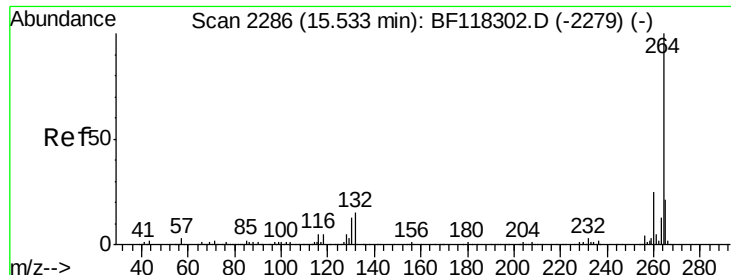
Tot Ion:240 Resp: 358867
 Ion Ratio Lower Upper
 240 100
 120 11.8 7.1 10.7#
 236 26.5 21.0 31.6



#79
 Terphenyl-d14
 Concen: 102.802 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF118375.D
 Acq: 28 Dec 2019 19:53

Tgt Ion:244 Resp: 2223732
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 12.3 7.8 11.8#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118375.D
Acq: 28 Dec 2019 19:53

Instrument :
BNA_F
ClientSampleId :
LIED-BF002-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.8	29.6
265	20.9	17.0	25.4

