

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118374.D
 Acq On : 28 Dec 2019 19:25
 Operator : JU
 Sample : K6439-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIED-BF001-02

Quant Time: Dec 29 07:52:28 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

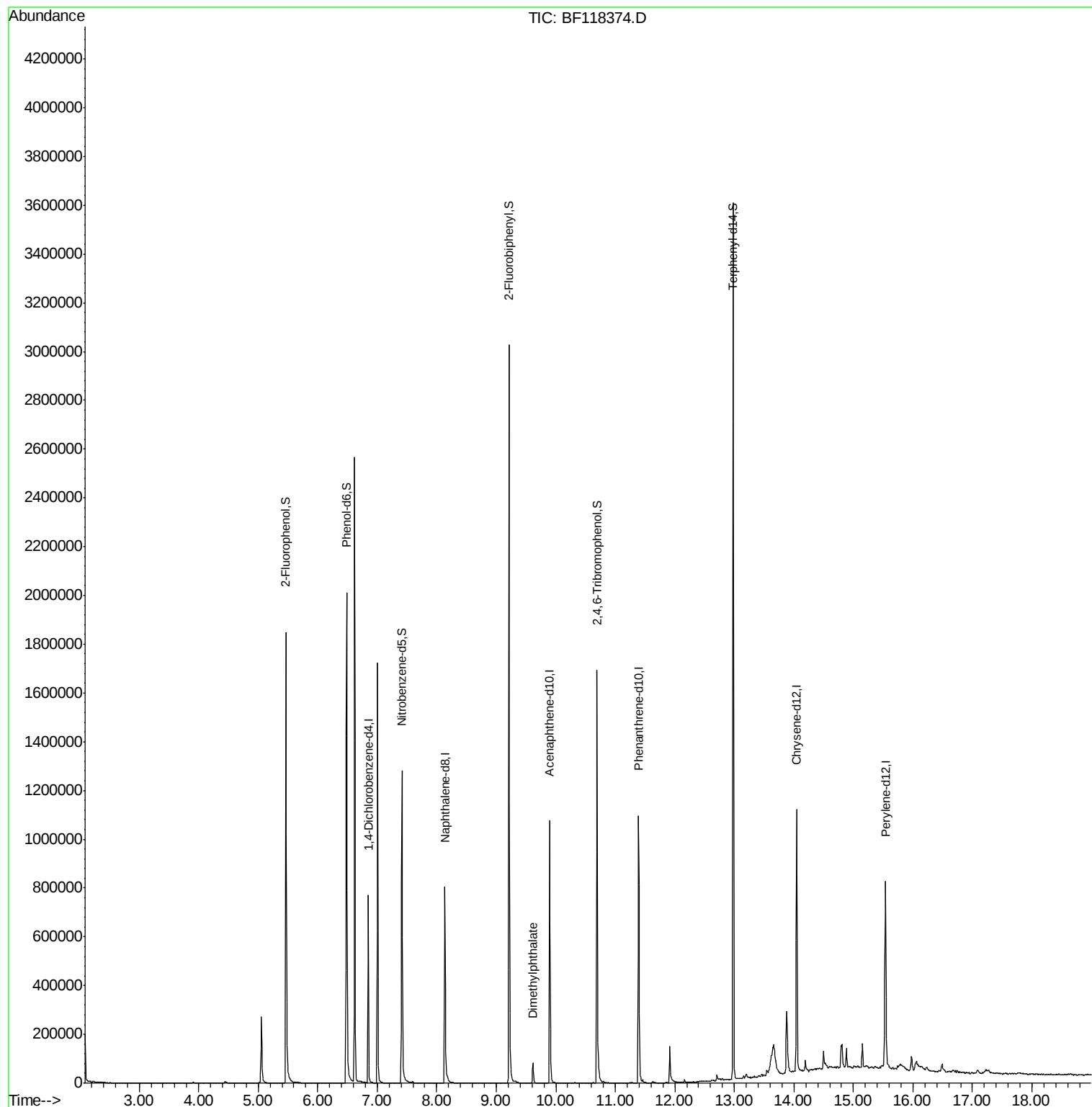
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110347	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	444064	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	232721	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	463226	20.00	ng	0.00
76) Chrysene-d12	14.04	240	367565	20.00	ng	0.00
87) Perylene-d12	15.54	264	363477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	570787	88.30	ng	0.00
7) Phenol-d6	6.49	99	717088	89.42	ng	0.00
23) Nitrobenzene-d5	7.42	82	434855	56.01	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	247455	86.10	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	930168	61.01	ng	0.00
79) Terphenyl-d14	12.98	244	1234549	55.72	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.62	163	47141	2.699	ng	Qvalue 99

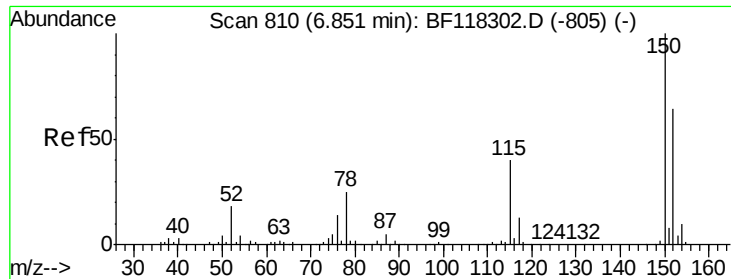
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF118374.D

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Instrument :

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ClientSampleId :

LIED-BF001-02

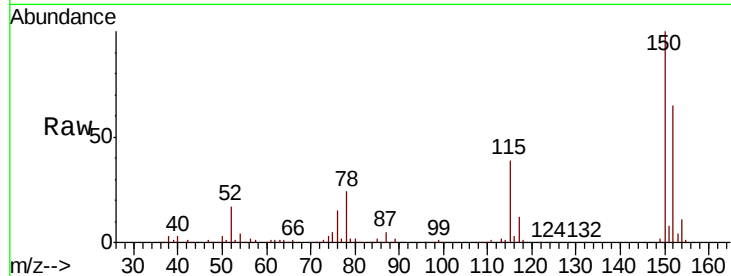
Tot Ion:152 Resp: 110347

Ion Ratio Lower Upper

152 100

150 154.6 125.4 188.2

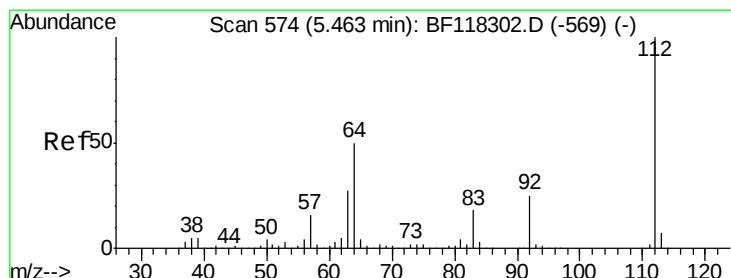
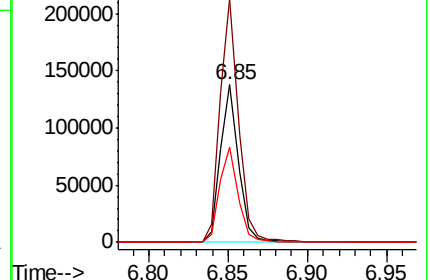
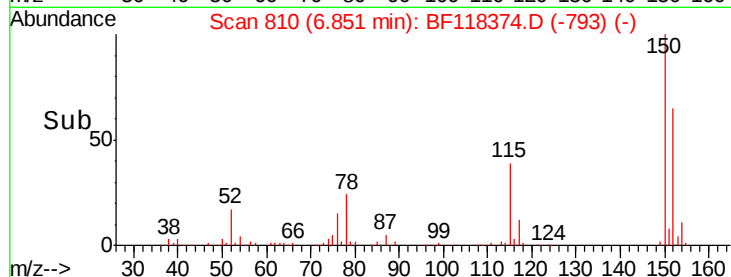
115 60.8 50.2 75.4



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: 88.297 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF118374.D

Acq: 28 Dec 2019 19:25

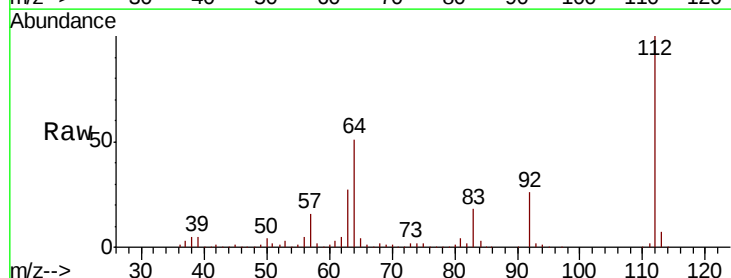
Tgt Ion:112 Resp: 570787

Ion Ratio Lower Upper

112 100

64 50.9 39.7 59.5

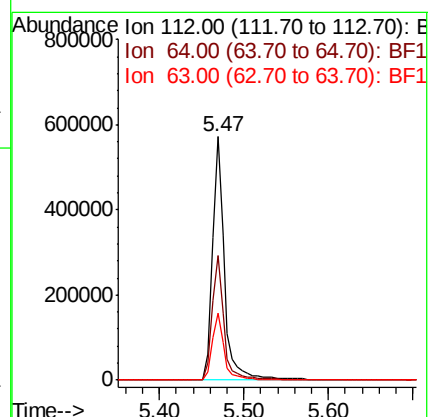
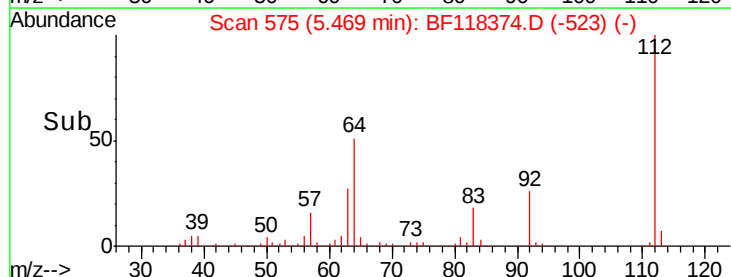
63 27.3 21.7 32.5

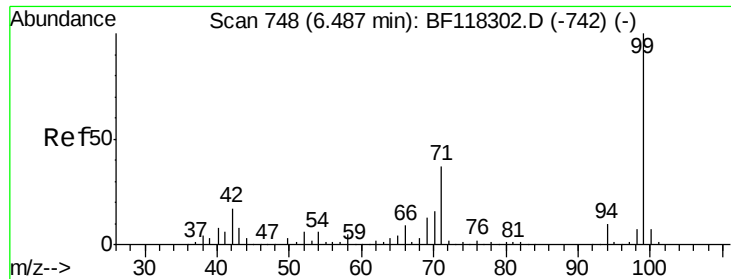


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 89.420 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118374.D

Acq: 28 Dec 2019 19:25

Instrument :

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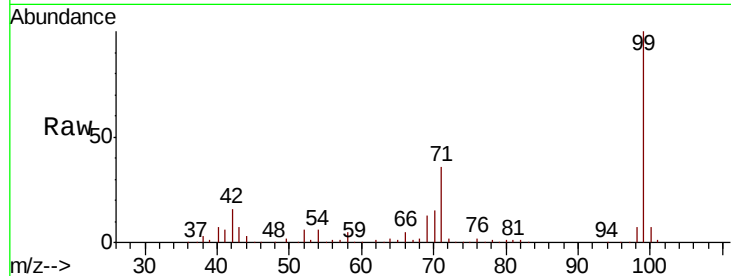
Tot Ion: 99 Resp: 717088

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

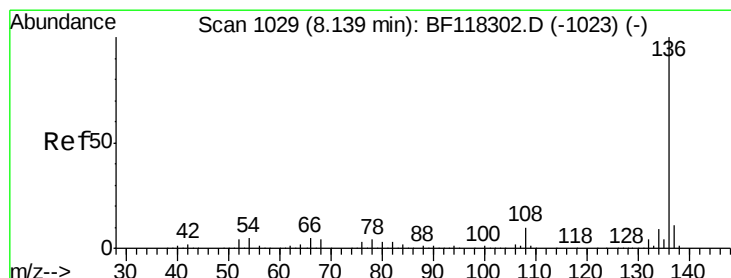
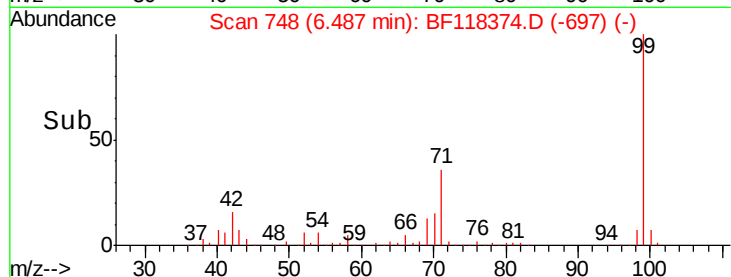
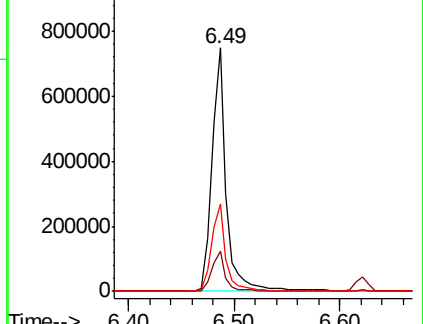
71 36.1 29.4 44.2



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: BF118374.D

Acq: 28 Dec 2019 19:25

Tgt Ion: 136 Resp: 444064

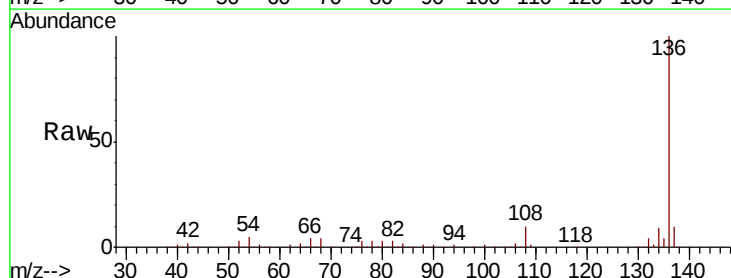
Ion Ratio Lower Upper

136 100

137 10.3 8.9 13.3

54 5.2 4.2 6.4

68 4.2 3.5 5.3

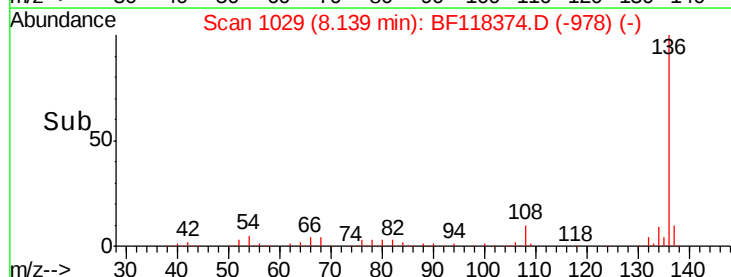
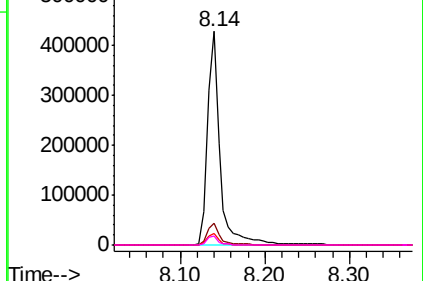


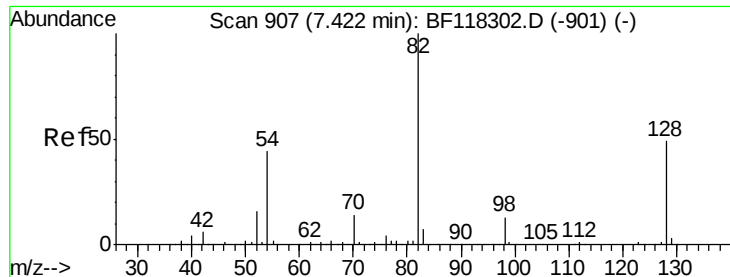
Abundance Ion 136.00 (135.70 to 136.70): E

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

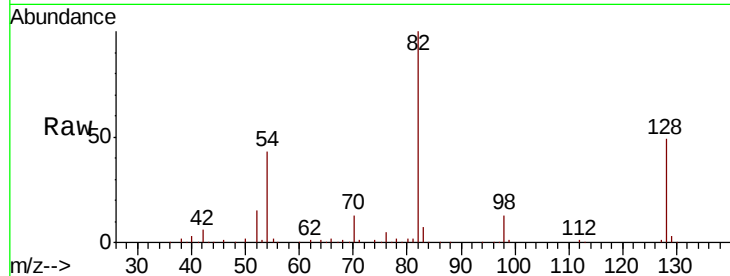




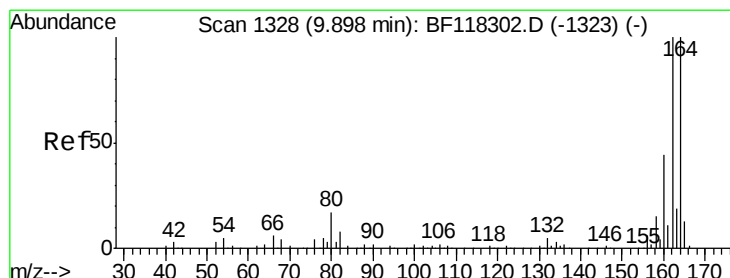
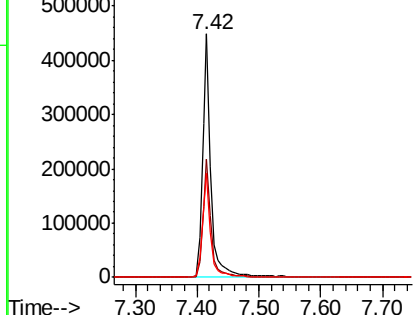
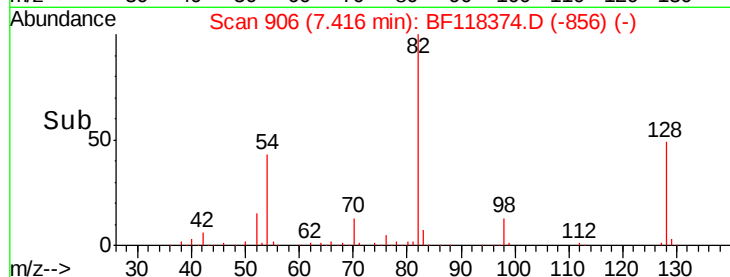
#23
 Nitrobenzene-d5
 Concen: 56.009 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF118374.D
 Acq: 28 Dec 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 LIED-BF001-02

Tot Ion: 82 Resp: 434855
 Ion Ratio Lower Upper
 82 100
 128 48.7 39.6 59.4
 54 42.6 34.9 52.3

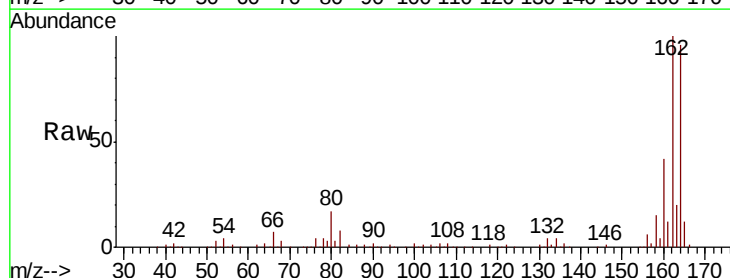


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

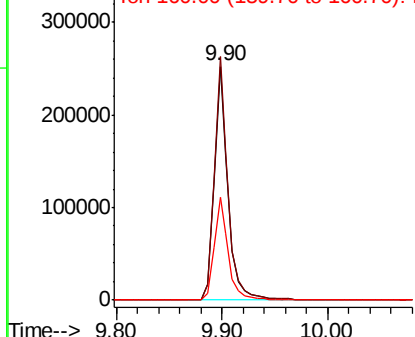
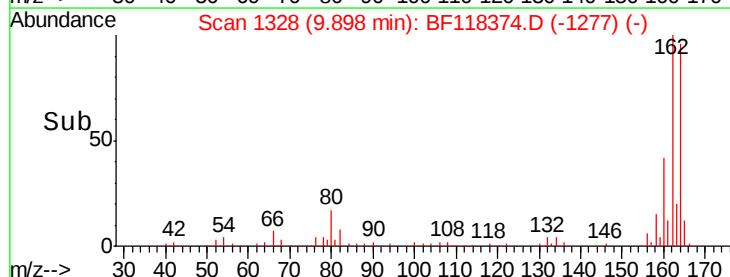


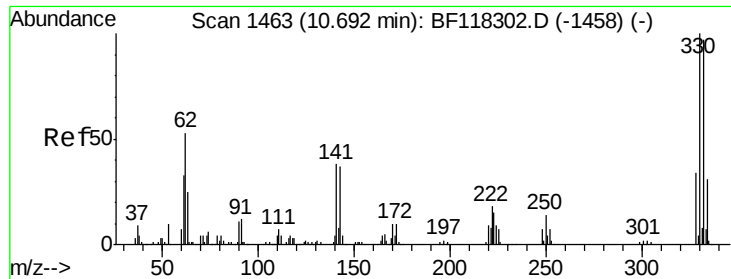
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: BF118374.D
 Acq: 28 Dec 2019 19:25

Tgt Ion: 164 Resp: 232721
 Ion Ratio Lower Upper
 164 100
 162 104.2 80.0 120.0
 160 44.0 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

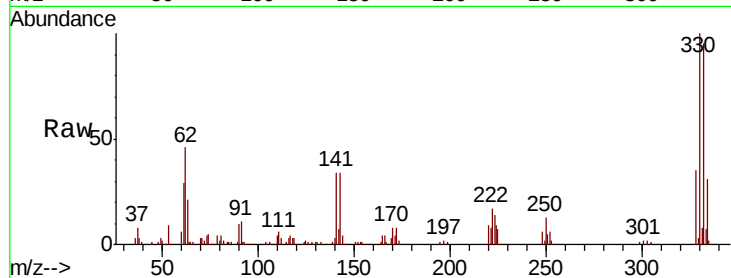




#42
 2,4,6-Tribromophenol
 Concen: 86.103 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF118374.D
 Acq: 28 Dec 2019 19:25

Instrument :
 BNA_F
 ClientSampleId :
 LIED-BF001-02

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	114.8
141	32.2	26.0	39.0

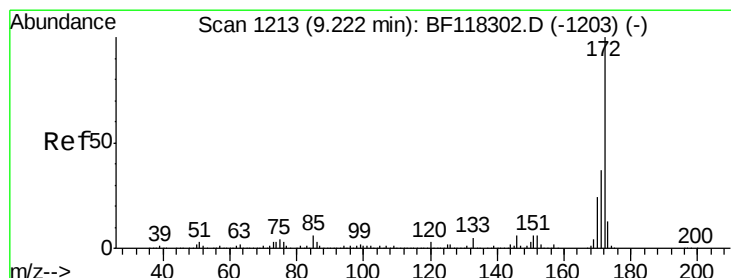
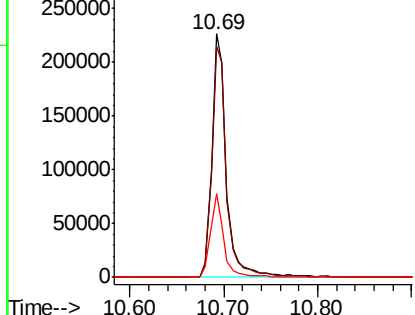
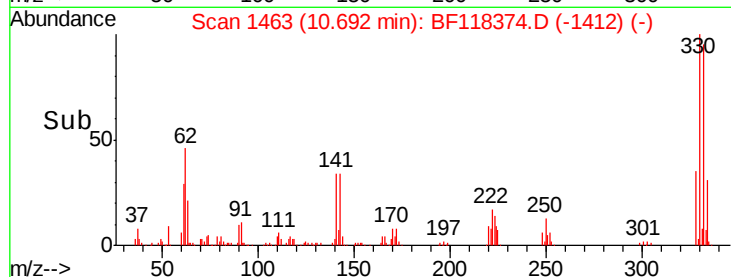


Abundance

Ion 329.80 (329.50 to 330.50): E

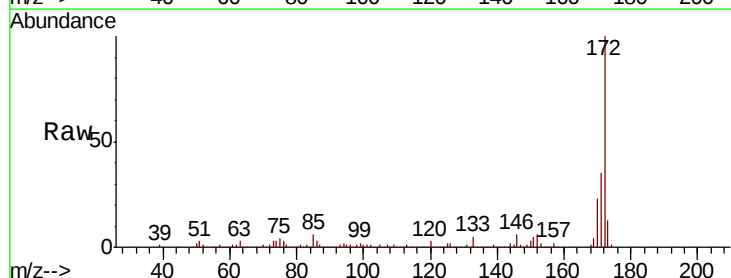
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.012 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118374.D
 Acq: 28 Dec 2019 19:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.3	43.9
170	23.4	19.2	28.8

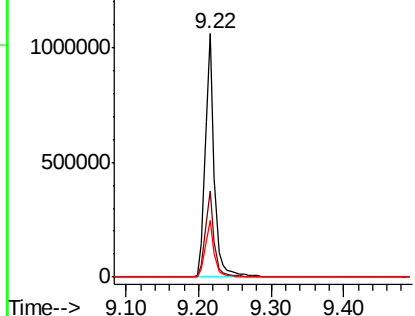
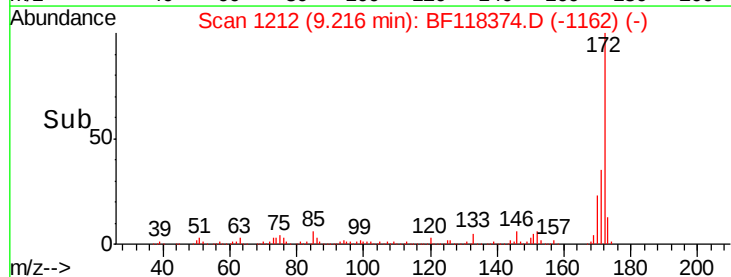


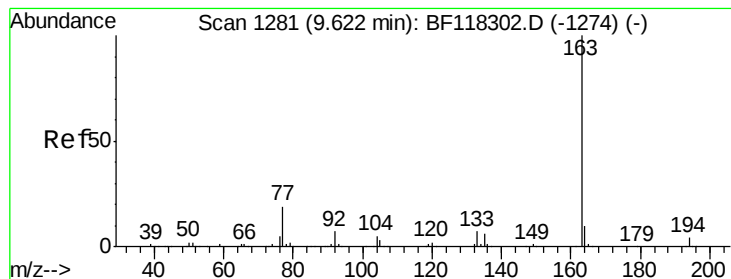
Abundance

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: 2.699 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118374.D

Acq: 28 Dec 2019 19:25

Instrument :

BNA_F

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LIED-BF001-02

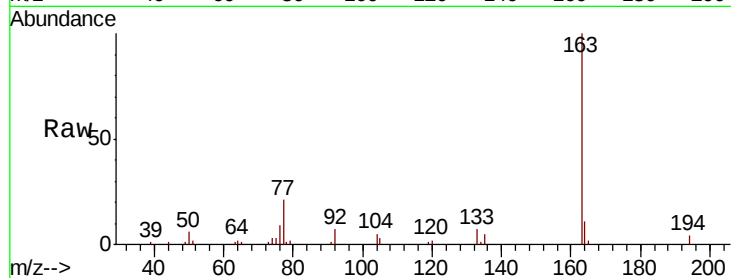
Tot Ion:163 Resp: 47141

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

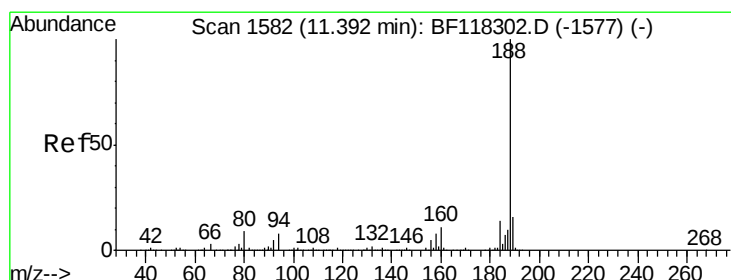
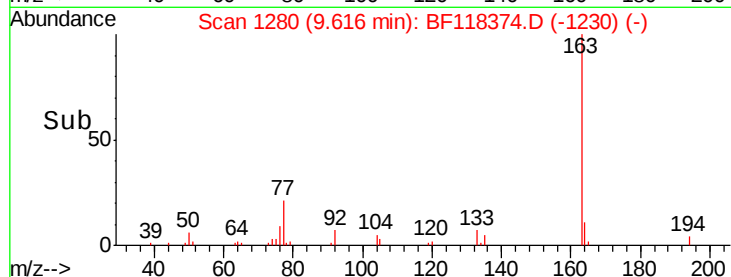
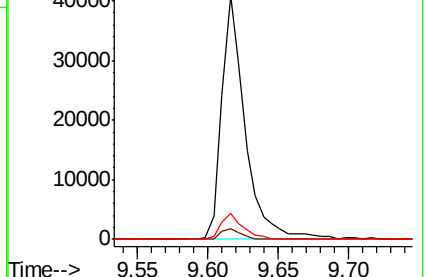
164 10.5 7.9 11.9



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: BF118374.D

Acq: 28 Dec 2019 19:25

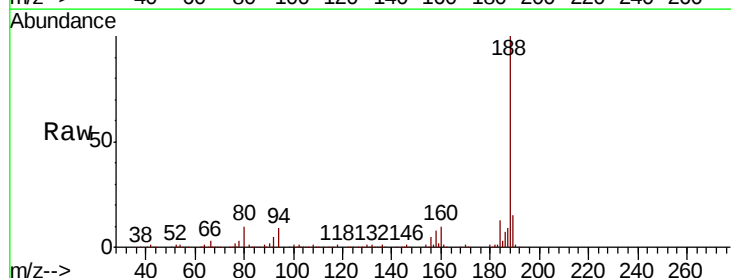
Tgt Ion:188 Resp: 463226

Ion Ratio Lower Upper

188 100

94 8.9 6.7 10.1

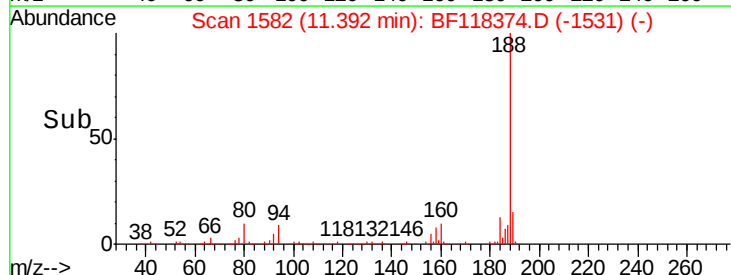
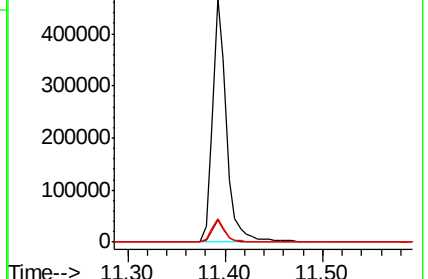
80 9.6 7.2 10.8

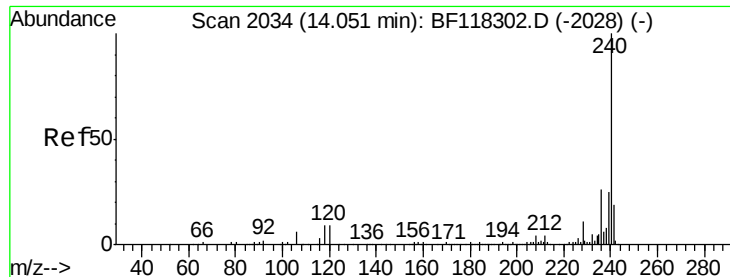


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

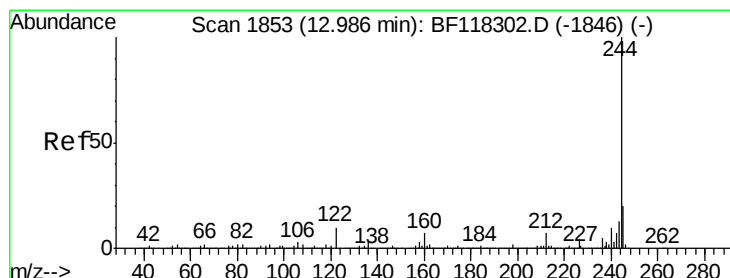
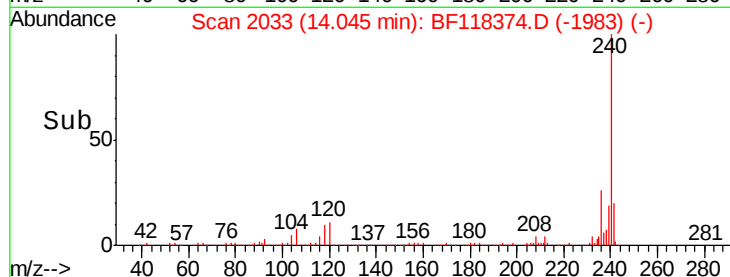
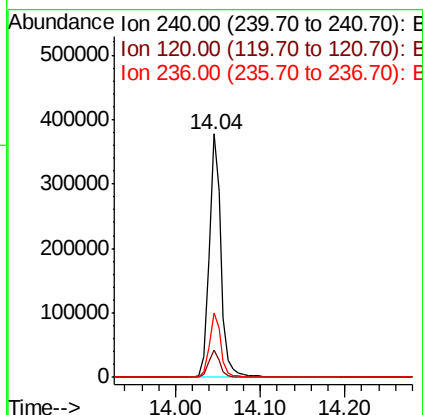
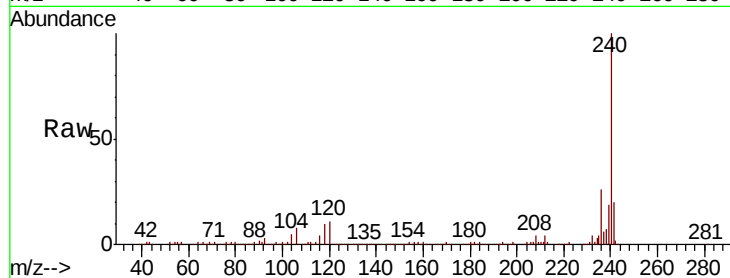




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF118374.D
Acq: 28 Dec 2019 19:25

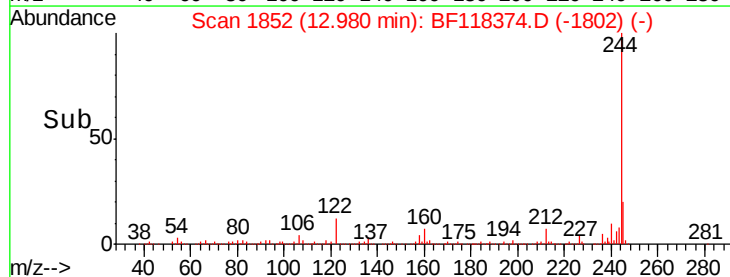
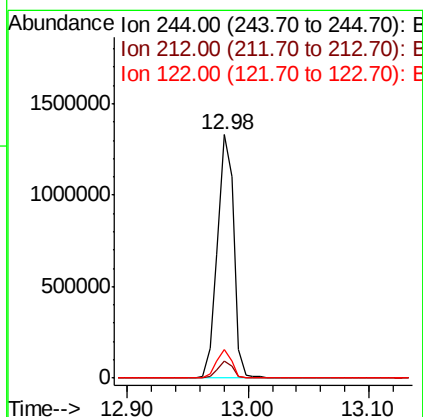
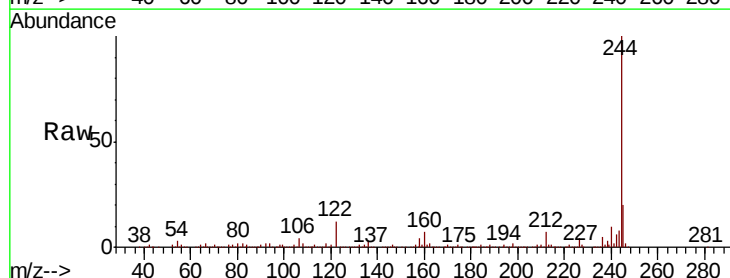
Instrument :
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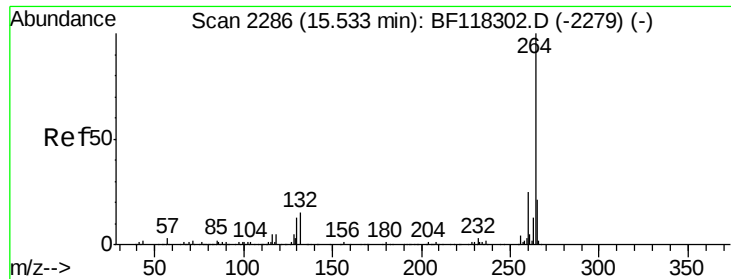
Tot Ion:240 Resp: 367565
Ion Ratio Lower Upper
240 100
120 11.2 7.1 10.7#
236 26.2 21.0 31.6



#79
Terphenyl-d14
Concen: 55.722 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BF118374.D
Acq: 28 Dec 2019 19:25

Tgt Ion:244 Resp: 1234549
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.7 7.8 11.8

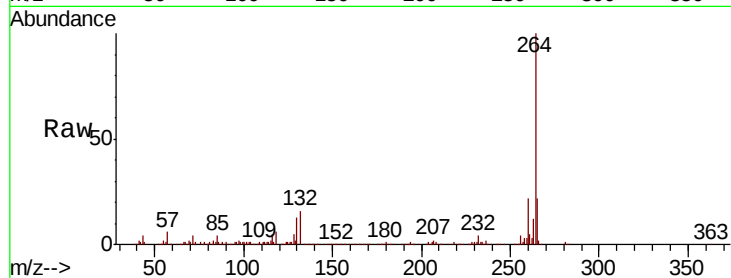




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF118374.D
Acq: 28 Dec 2019 19:25

Instrument :
BNA_F
ClientSampleId :
LIED-BF001-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.8	29.6
265	21.6	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

