

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119048.D
 Acq On : 25 Feb 2020 4:20
 Operator : CG/JU
 Sample : L1635-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS006-01

Quant Time: Feb 25 06:52:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 17:40:17 2020
 Response via : Initial Calibration

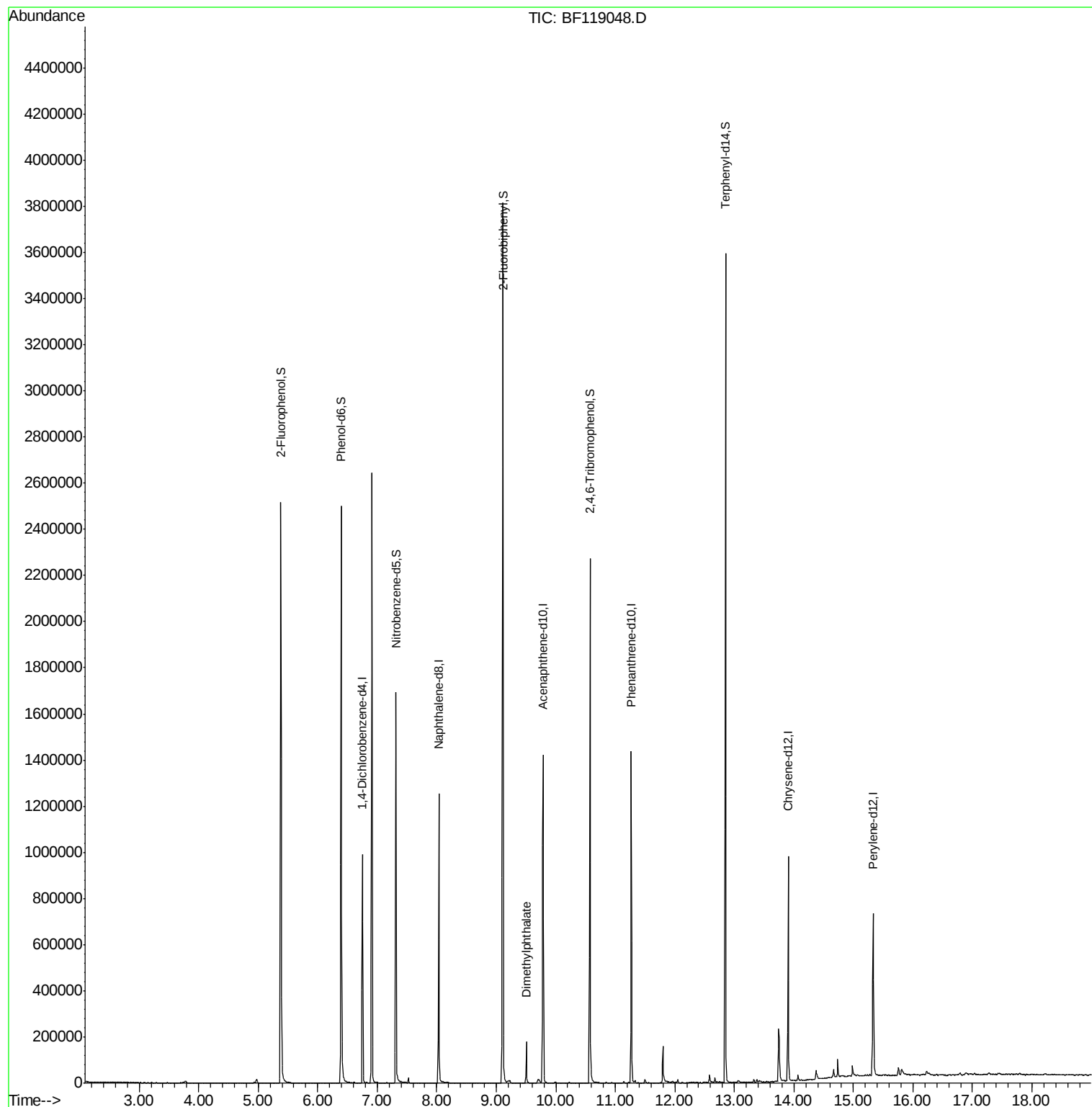
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	150679	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	567785	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	300438	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	519049	20.00	ng	0.00
76) Chrysene-d12	13.90	240	318784	20.00	ng	0.00
87) Perylene-d12	15.33	264	347816	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	753864	83.61	ng	0.00
7) Phenol-d6	6.40	99	911315	83.11	ng	0.00
23) Nitrobenzene-d5	7.32	82	599590	55.76	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	304295	77.42	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1193510	58.52	ng	-0.01
79) Terphenyl-d14	12.85	244	1273438	68.78	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	81119	3.531	ng	Qvalue 100

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

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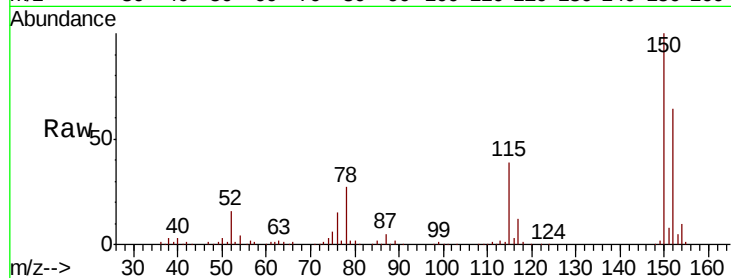


#1

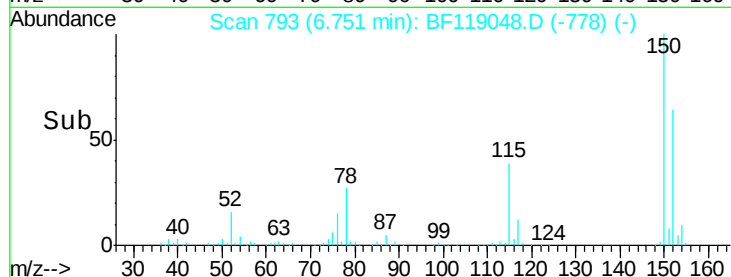
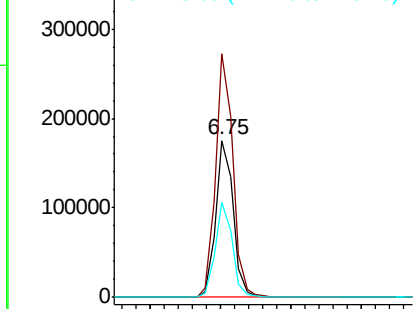
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119048.D
Acq: 25 Feb 2020 4:20

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.3	186.5
115	60.8	44.6	67.0



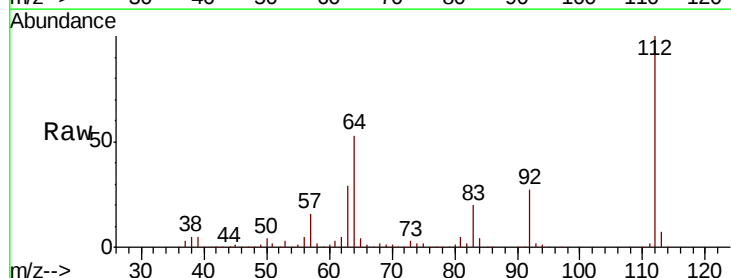
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



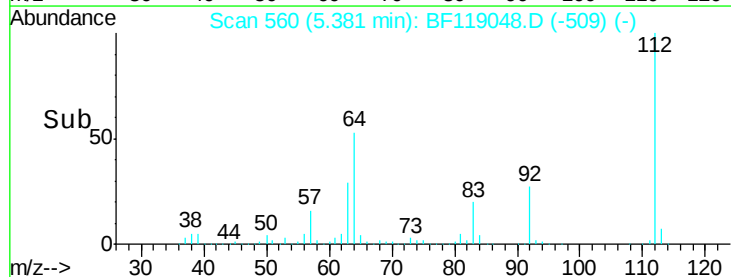
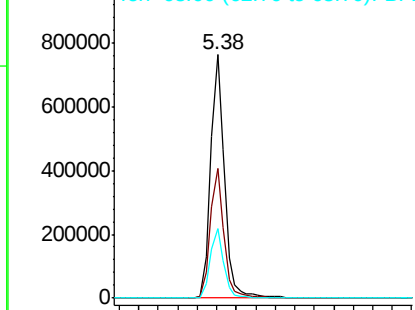
#5

2-Fluorophenol
Concen: 83.611 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119048.D
Acq: 25 Feb 2020 4:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	40.4	60.6
63	28.7	21.3	31.9



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: 83.107 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

Instrument :

BNA_F

ClientSampleId :

LIED-TS006-01

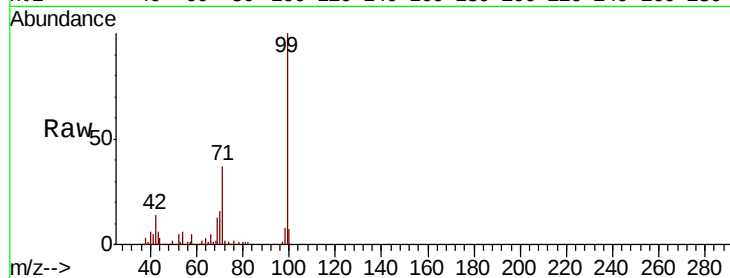
Tot Ion: 99 Resp: 911315

Ion Ratio Lower Upper

99 100

42 14.0 11.4 17.0

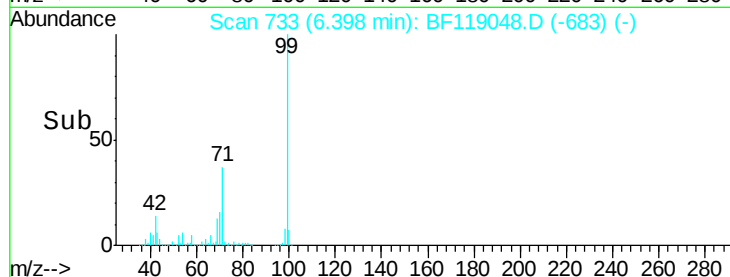
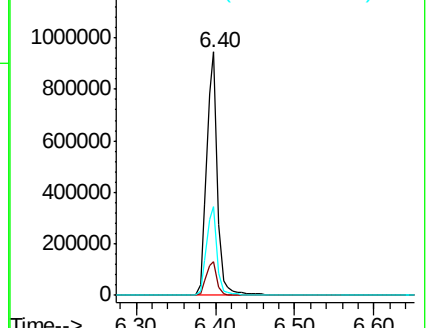
71 36.7 29.8 44.6



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: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

Tgt Ion: 136 Resp: 567785

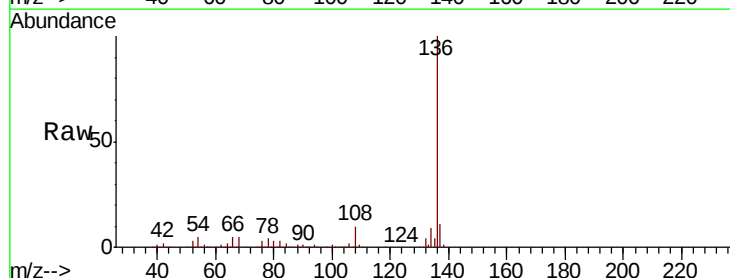
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 4.8 3.8 5.6

68 5.5 4.2 6.2

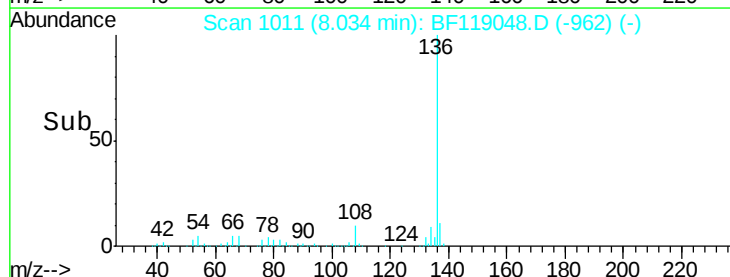
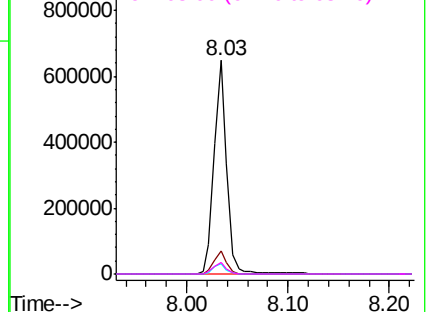


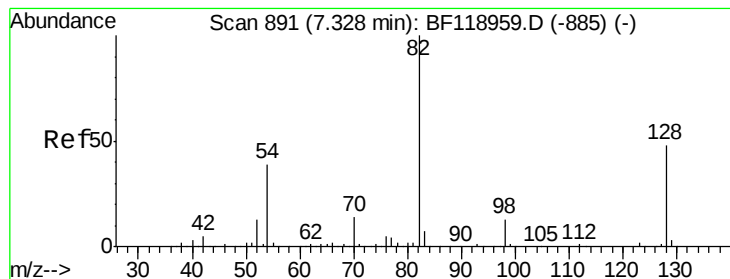
Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.758 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

Instrument :

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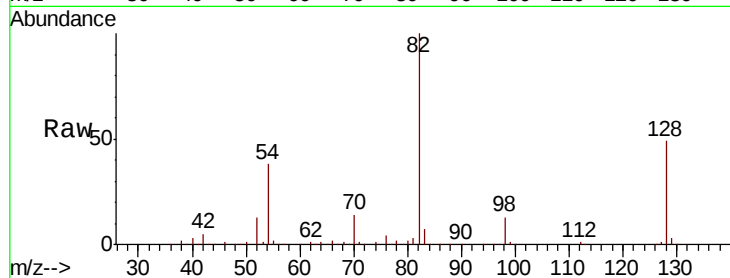
Tot Ion: 82 Resp: 599590

Ion Ratio Lower Upper

82 100

128 49.2 38.2 57.2

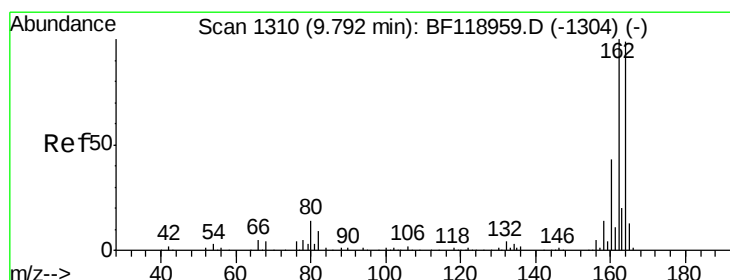
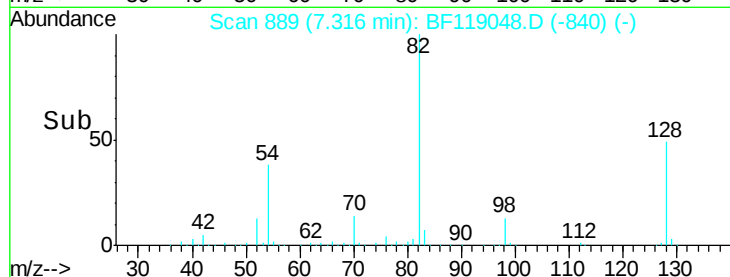
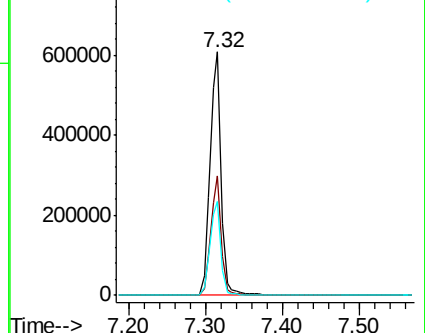
54 38.3 31.3 46.9



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: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

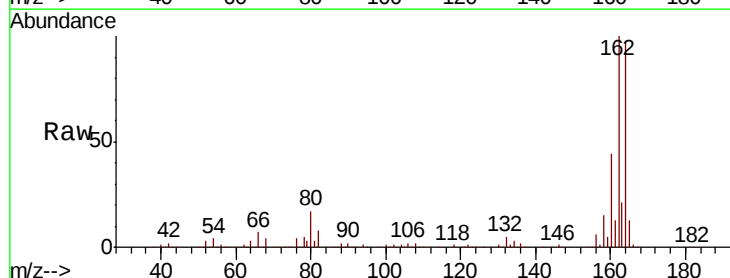
Tgt Ion:164 Resp: 300438

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

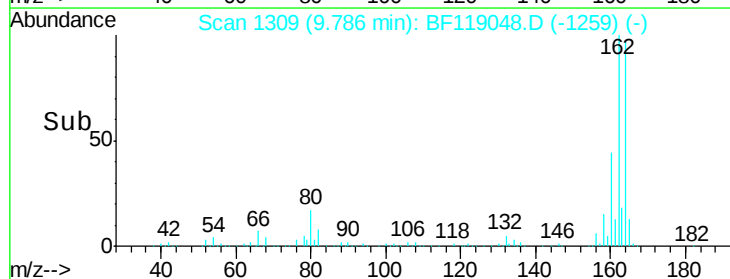
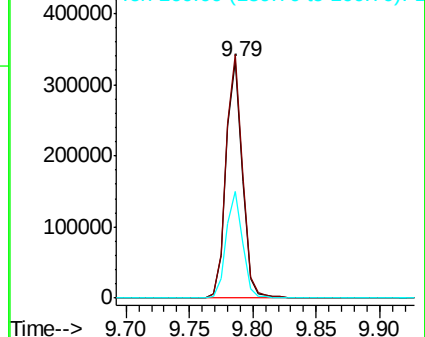
160 45.1 35.2 52.8



Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

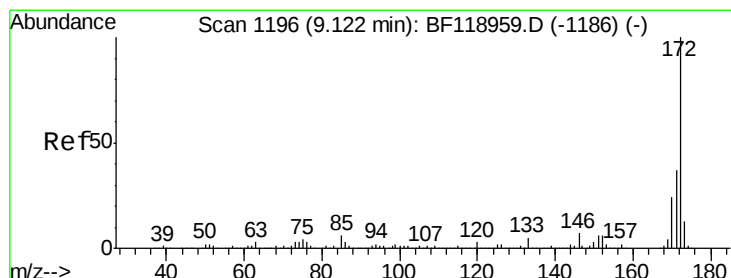
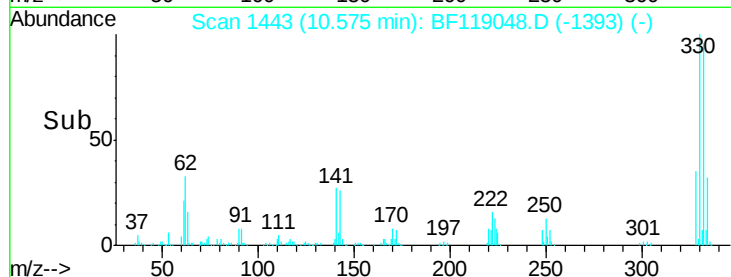
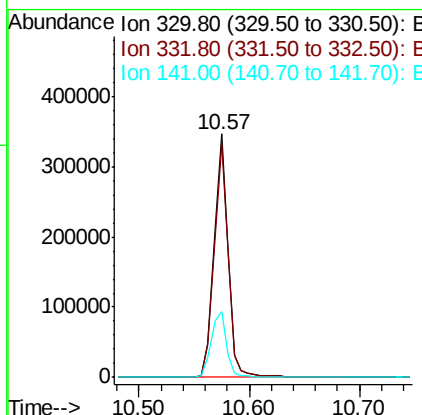
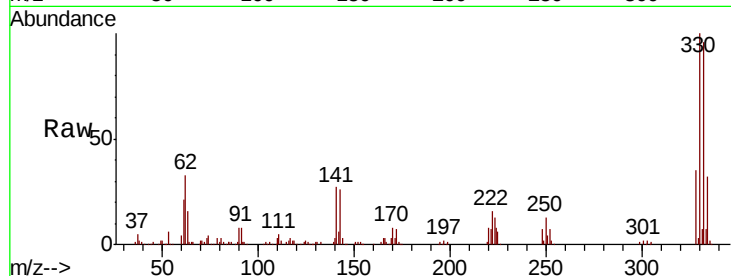




#42
 2,4,6-Tribromophenol
 Concen: 77.424 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119048.D
 Acq: 25 Feb 2020 4:20

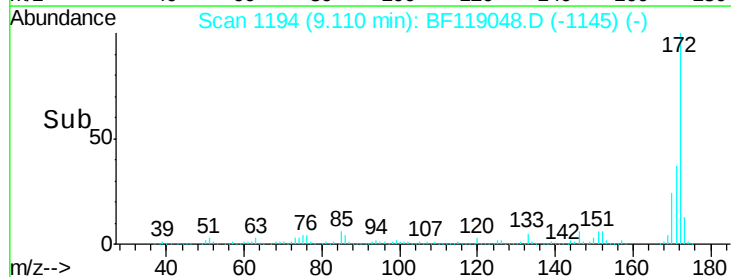
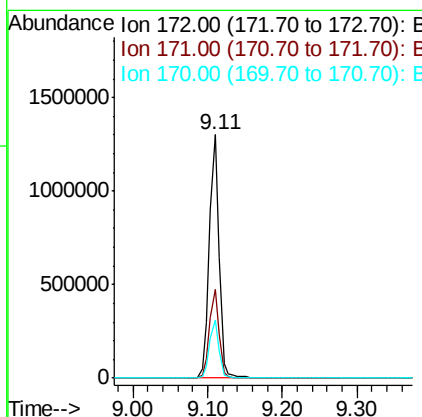
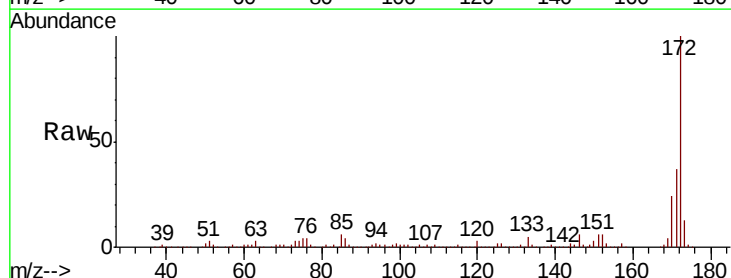
Instrument :
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 LIED-TS006-01

Tot Ion:330 Resp: 304295
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 29.3 23.0 34.6



#45
 2-Fluorobiphenyl
 Concen: 58.523 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119048.D
 Acq: 25 Feb 2020 4:20

Tgt Ion:172 Resp: 1193510
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 24.1 19.6 29.4





#50

Dimethylphthalate

Concen: 3.531 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

Instrument :

BNA_F

ClientSampleId :

LIED-TS006-01

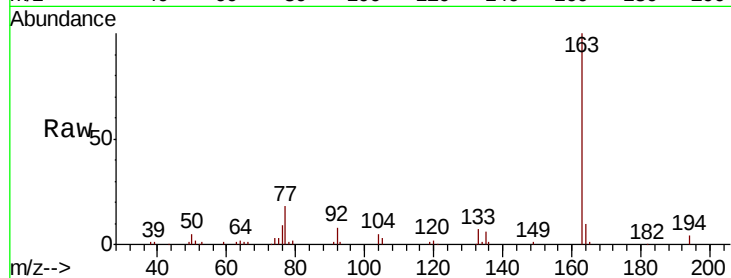
Tot Ion:163 Resp: 81119

Ion Ratio Lower Upper

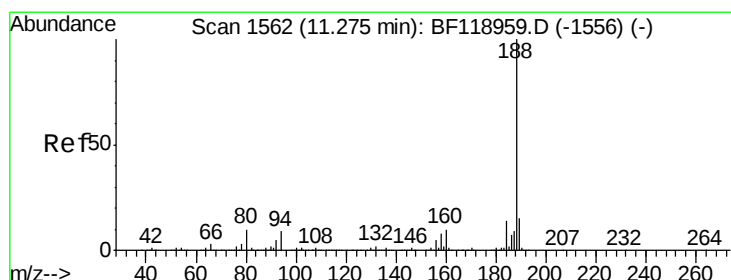
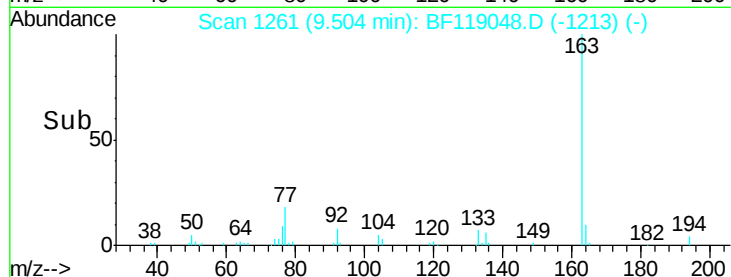
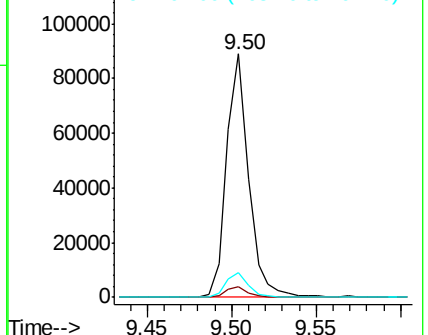
163 100

194 4.3 3.4 5.2

164 10.2 8.2 12.2



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: 11.27 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF119048.D

Acq: 25 Feb 2020 4:20

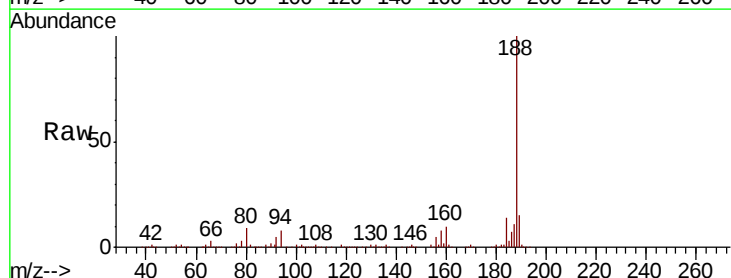
Tgt Ion:188 Resp: 519049

Ion Ratio Lower Upper

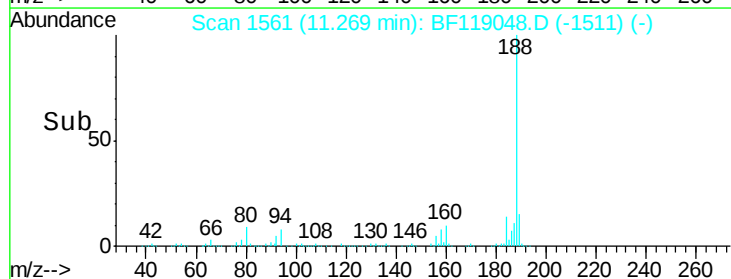
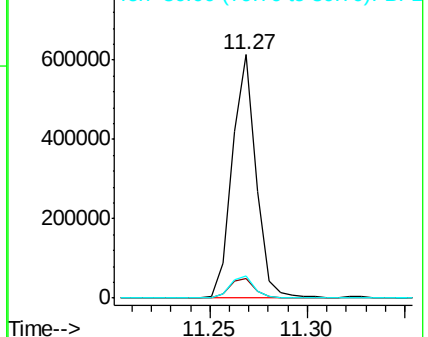
188 100

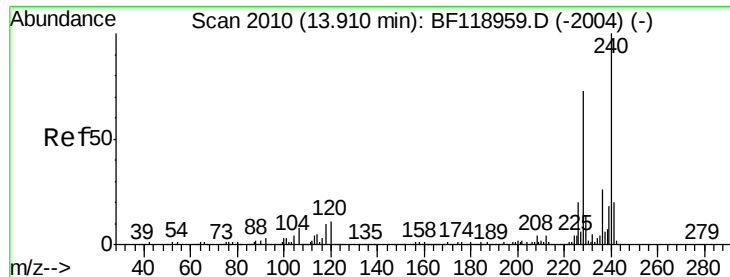
94 8.3 7.0 10.6

80 8.9 7.9 11.9



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

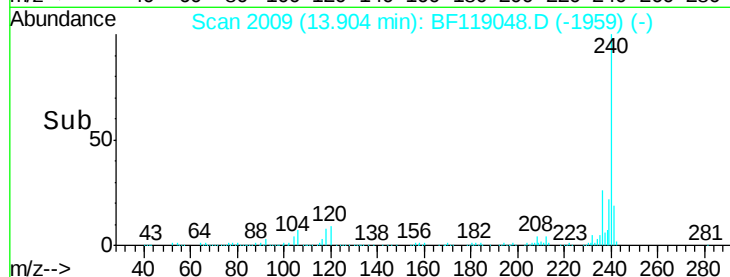
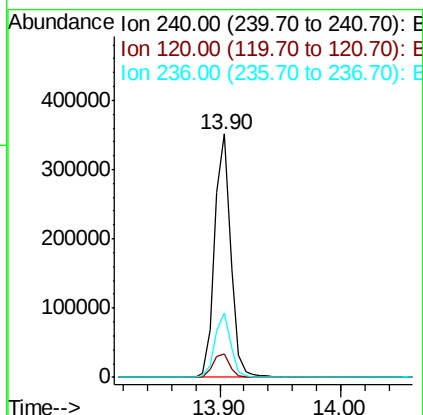
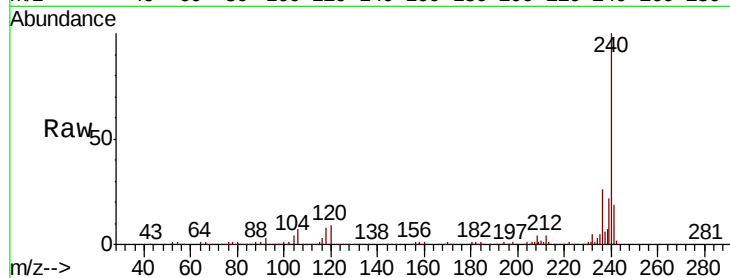




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119048.D
Acq: 25 Feb 2020 4:20

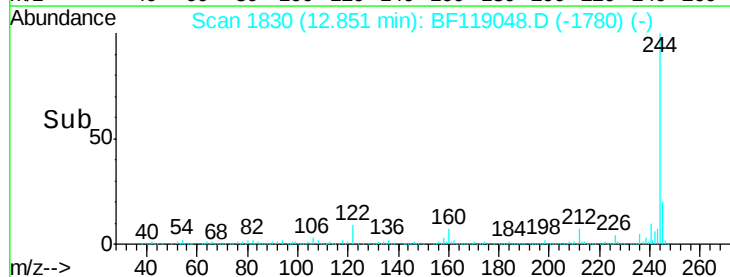
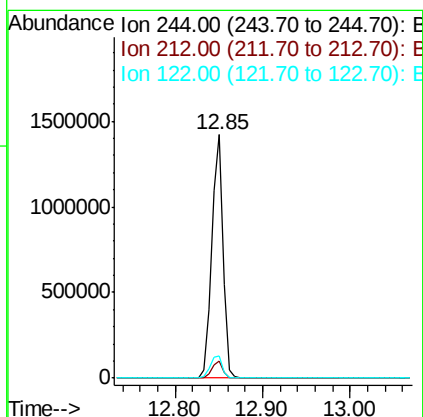
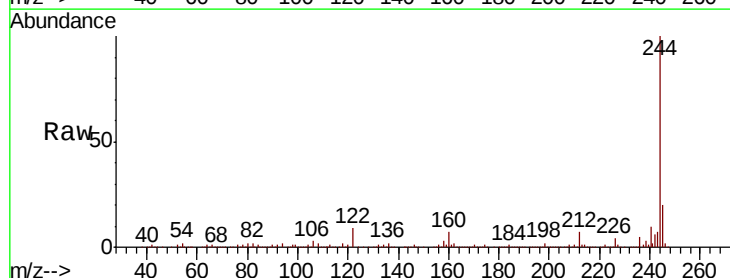
Instrument :
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LIED-TS006-01

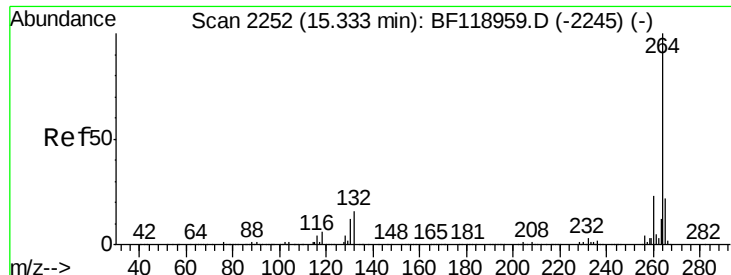
Tot Ion:240 Resp: 318784
Ion Ratio Lower Upper
240 100
120 9.4 8.9 13.3
236 26.3 20.6 30.8



#79
Terphenyl-d14
Concen: 68.775 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119048.D
Acq: 25 Feb 2020 4:20

Tgt Ion:244 Resp: 1273438
Ion Ratio Lower Upper
244 100
212 6.9 6.3 9.5
122 9.0 8.4 12.6

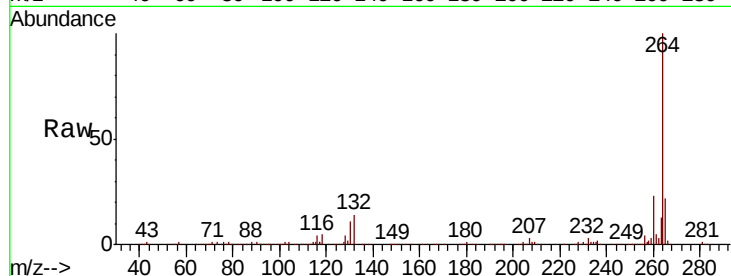




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BF119048.D
 Acq: 25 Feb 2020 4:20

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS006-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.7	17.3	25.9



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

