

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119074.D
 Acq On : 25 Feb 2020 19:47
 Operator : CG/JU
 Sample : L1635-16
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS003-01

Quant Time: Feb 26 03:25:18 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

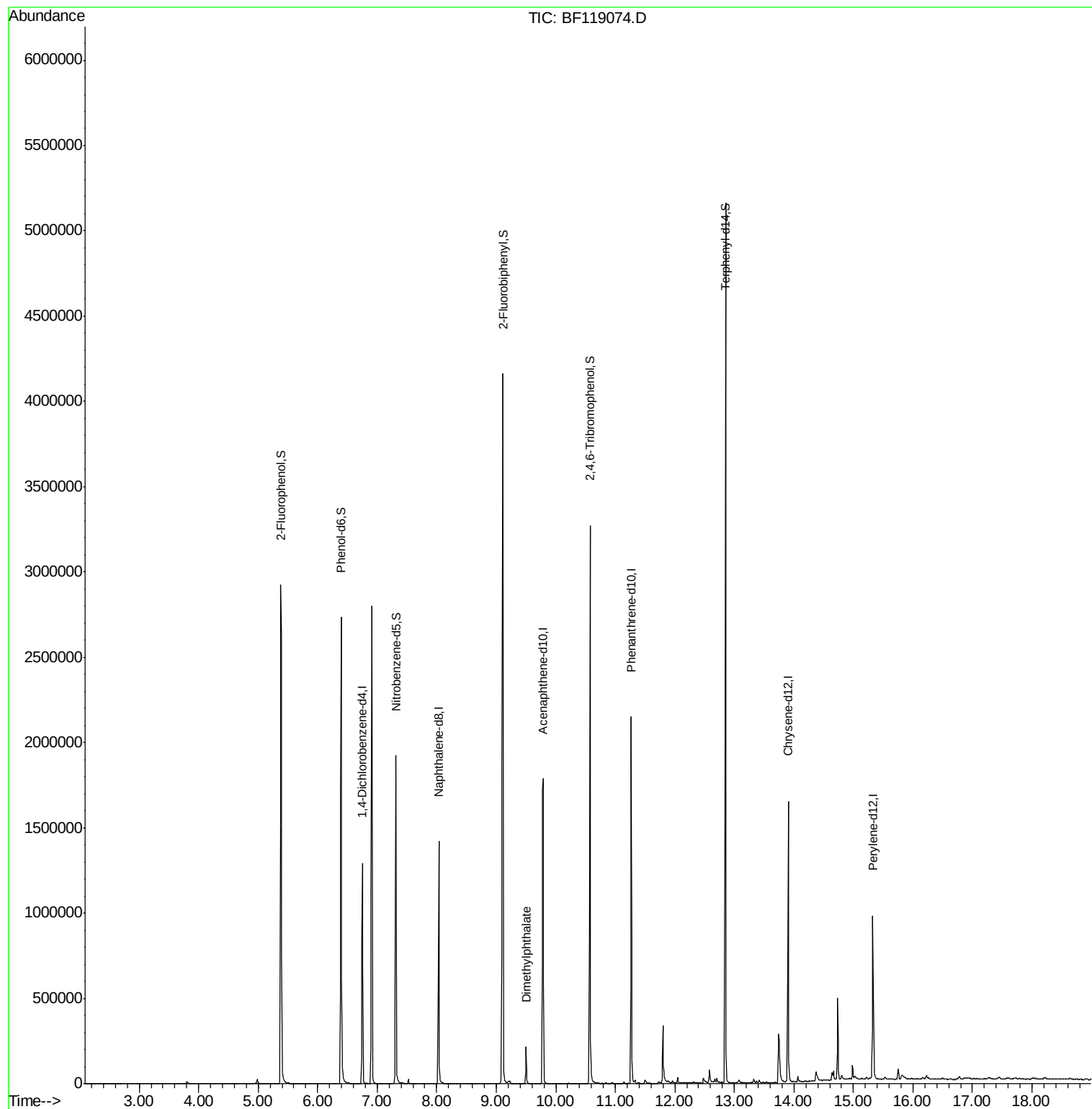
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	199049	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	769390	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	436386	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	821625	20.00	ng	0.00
76) Chrysene-d12	13.90	240	620340	20.00	ng	0.00
87) Perylene-d12	15.33	264	479574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	933371	78.36	ng	0.00
7) Phenol-d6	6.40	99	1165063	80.43	ng	0.00
23) Nitrobenzene-d5	7.32	82	762545	52.33	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	441845	77.40	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1519787	51.31	ng	-0.01
79) Terphenyl-d14	12.85	244	1818058	50.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	111750	3.349	ng	Qvalue 99

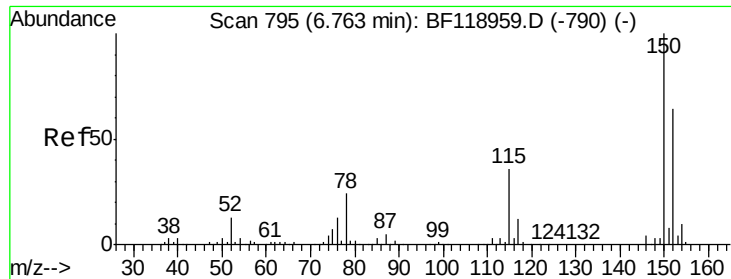
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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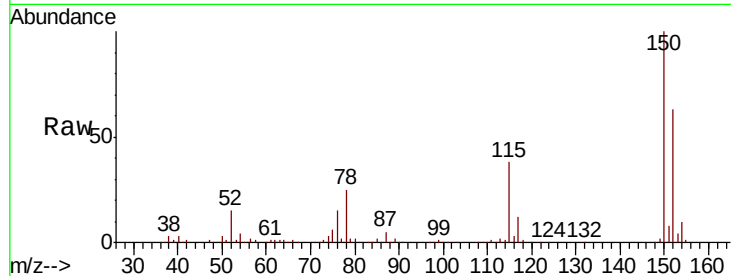


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119074.D
Acq: 25 Feb 2020 19:47

Instrument :
BNA_F
ClientSampleId :
LIED-TS003-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.3	186.5
115	60.0	44.6	67.0

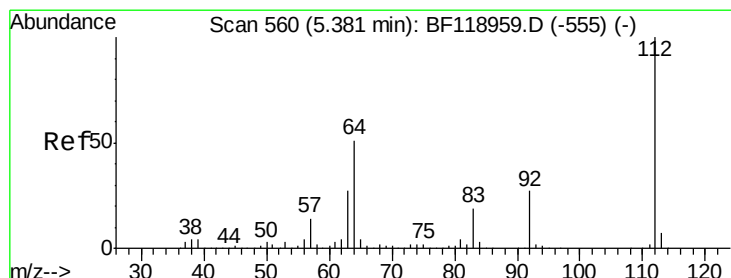
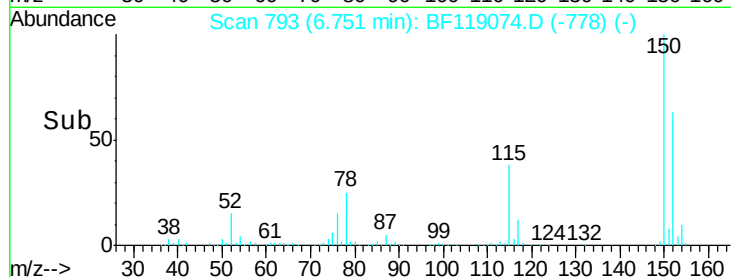
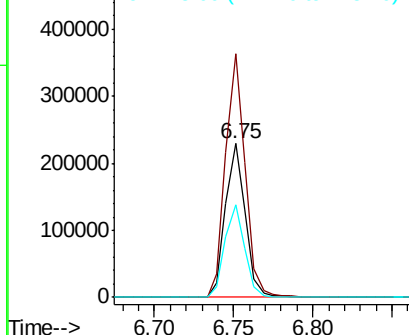


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

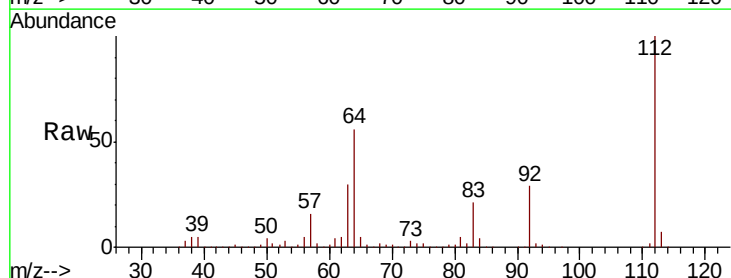
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 78.364 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF119074.D
Acq: 25 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	40.4	60.6
63	30.1	21.3	31.9

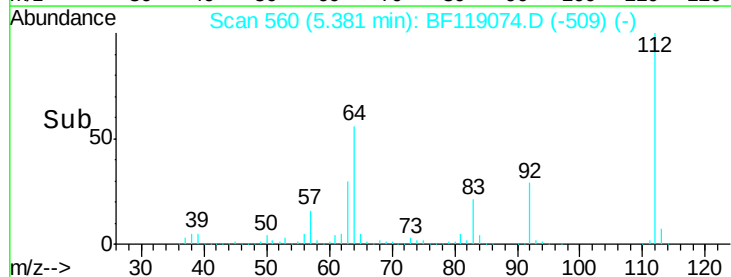
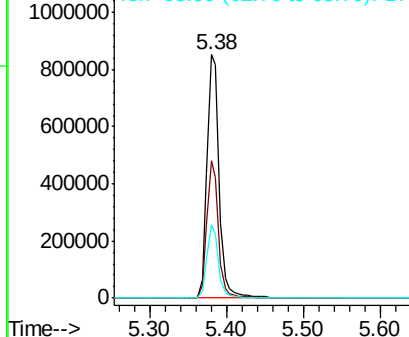


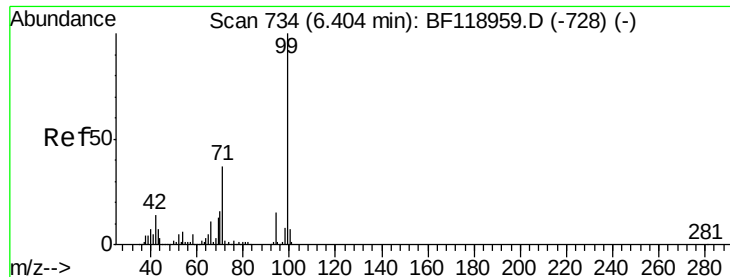
Abundance

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: 80.429 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119074.D

Acq: 25 Feb 2020 19:47

Instrument :

BNA_F

ClientSampleId :

LIED-TS003-01

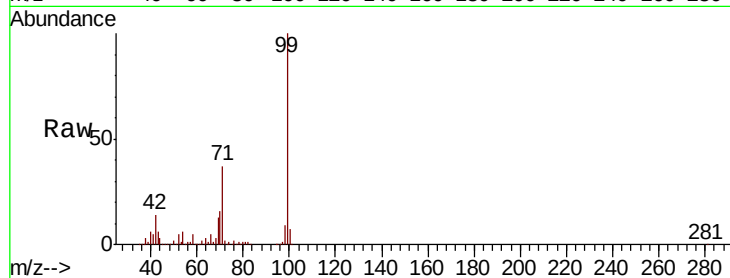
Tot Ion: 99 Resp: 1165063

Ion Ratio Lower Upper

99 100

42 14.3 11.4 17.0

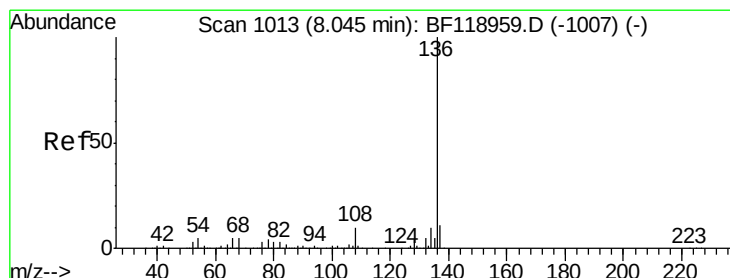
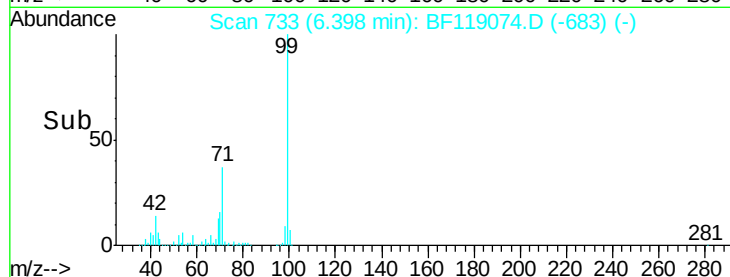
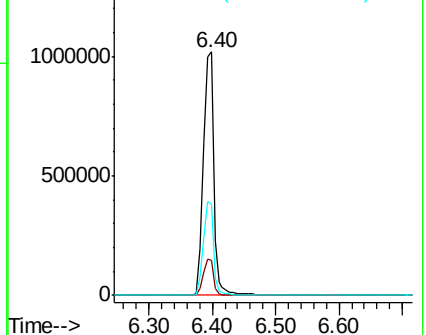
71 37.3 29.8 44.6



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: BF119074.D

Acq: 25 Feb 2020 19:47

Tgt Ion: 136 Resp: 769390

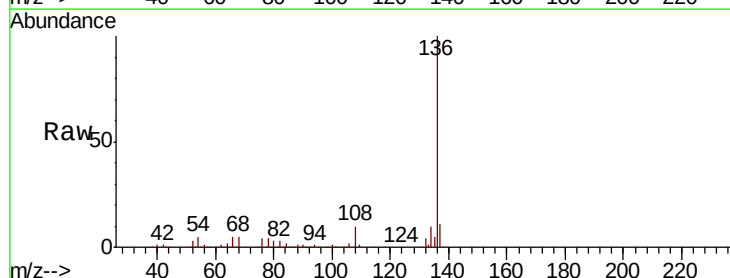
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 4.6 3.8 5.6

68 4.9 4.2 6.2

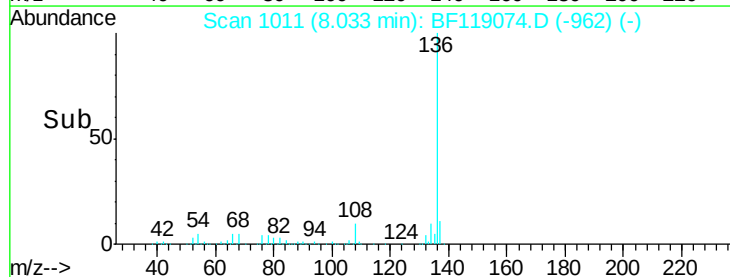
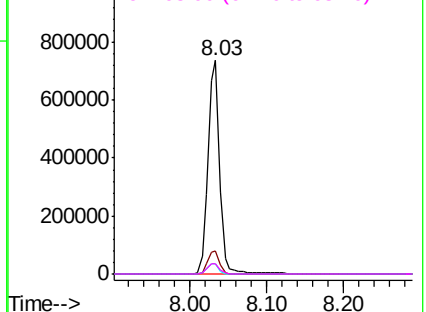


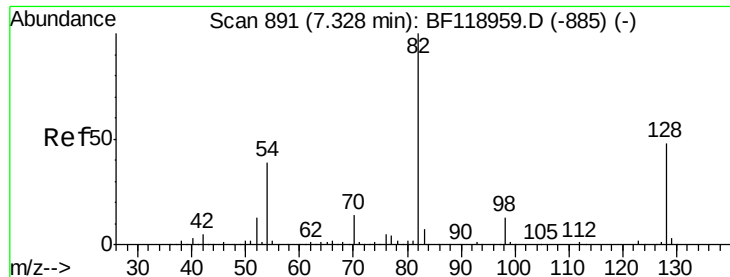
Abundance Ion 136.00 (135.70 to 136.70): E

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

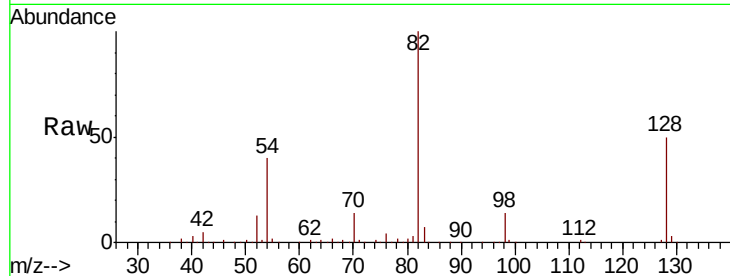




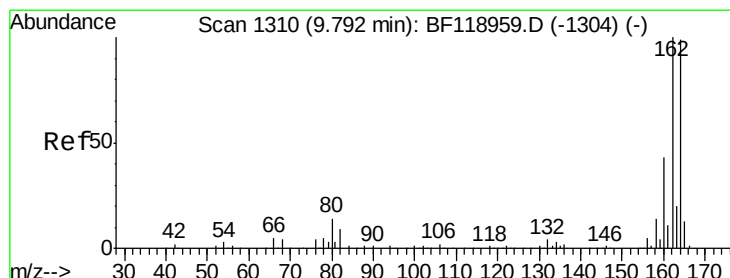
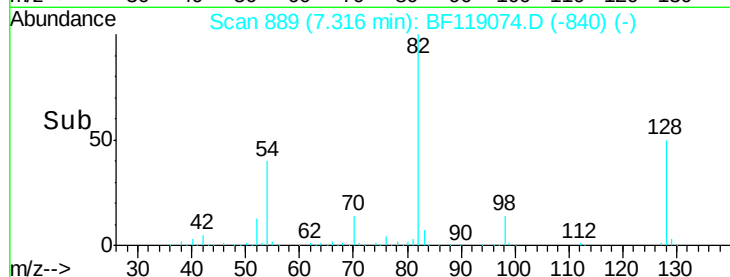
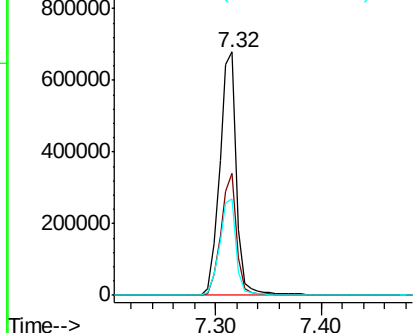
#23
 Nitrobenzene-d5
 Concen: 52.330 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119074.D
 Acq: 25 Feb 2020 19:47

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS003-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.9	38.2	57.2
54	39.7	31.3	46.9

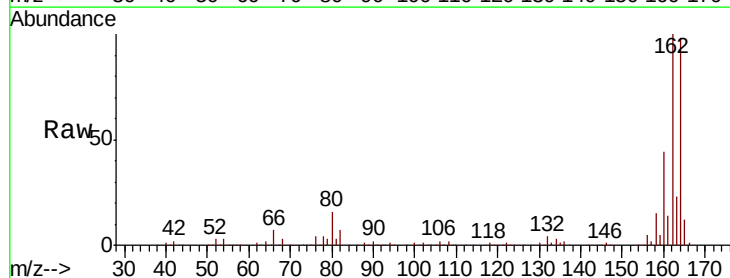


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

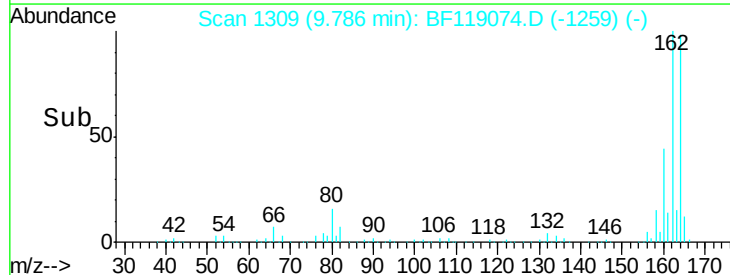
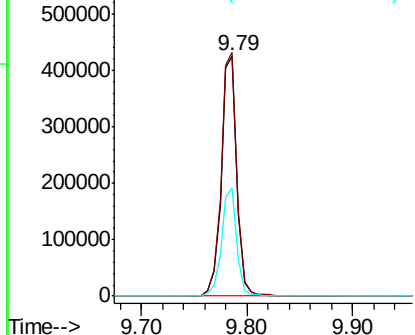


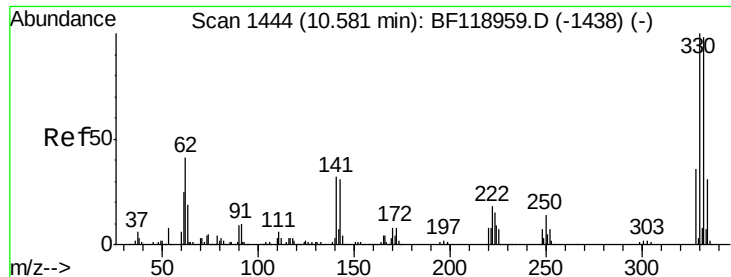
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119074.D
 Acq: 25 Feb 2020 19:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.2	121.8
160	44.8	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: 77.399 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119074.D

Acq: 25 Feb 2020 19:47

Instrument :

BNA_F

ClientSampleId :

LIED-TS003-01

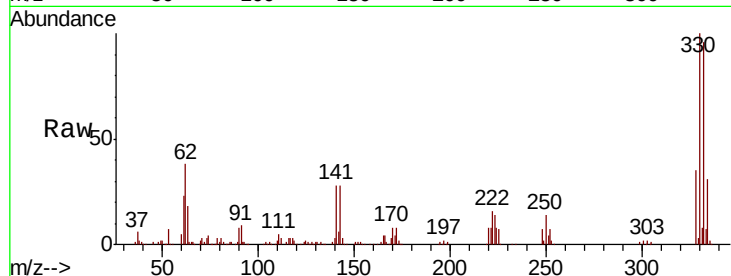
Tot Ion:330 Resp: 441845

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

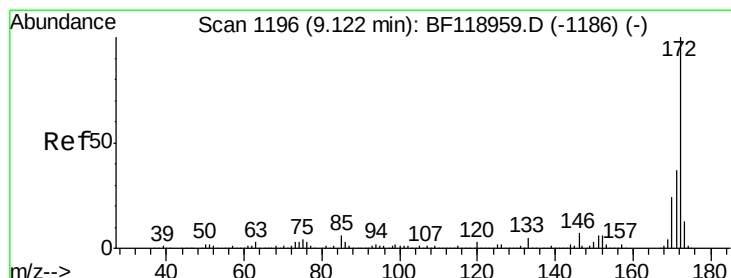
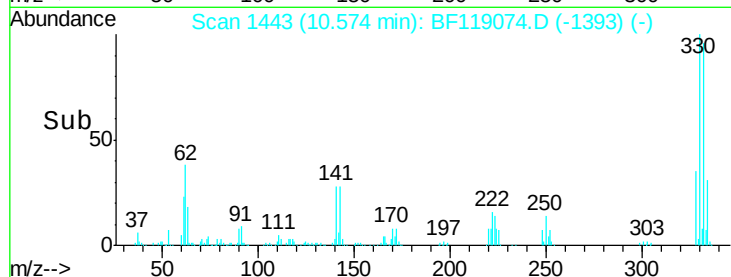
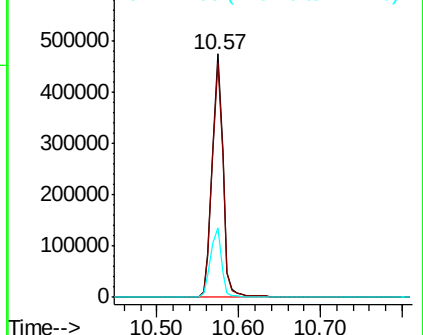
141 29.1 23.0 34.6



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: 51.306 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119074.D

Acq: 25 Feb 2020 19:47

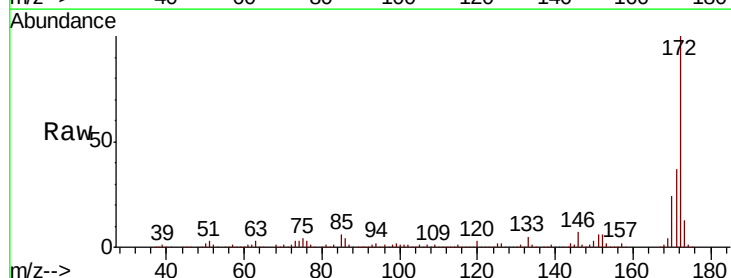
Tgt Ion:172 Resp: 1519787

Ion Ratio Lower Upper

172 100

171 36.8 29.4 44.2

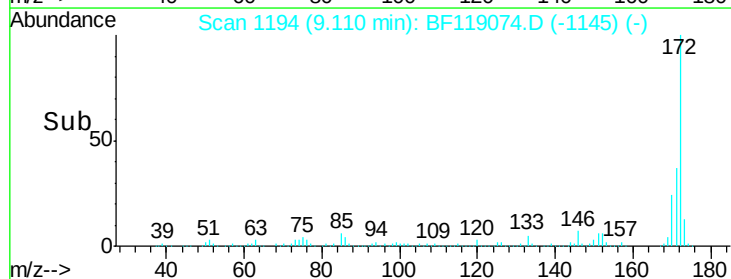
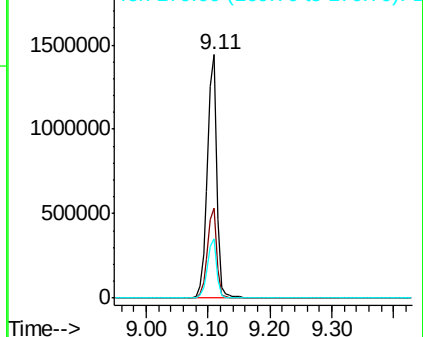
170 24.2 19.6 29.4

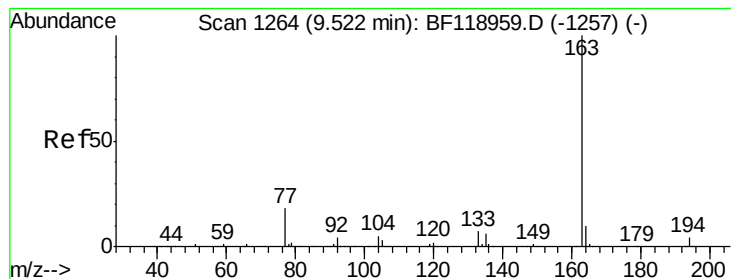


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.349 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119074.D

Acq: 25 Feb 2020 19:47

Instrument :

BNA_F

ClientSampleId :

LIED-TS003-01

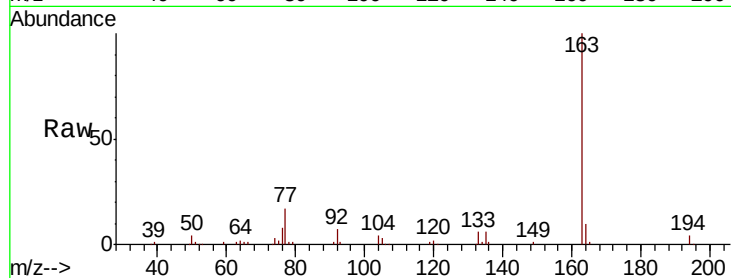
Tot Ion:163 Resp: 111750

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

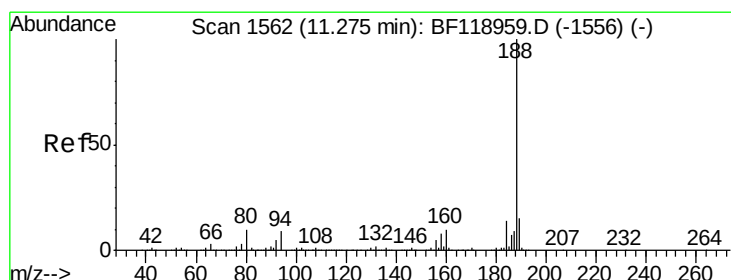
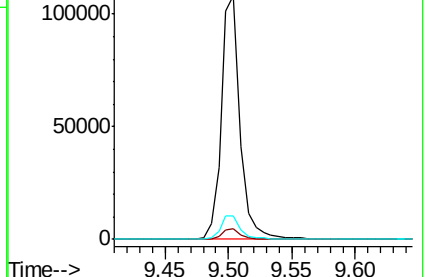
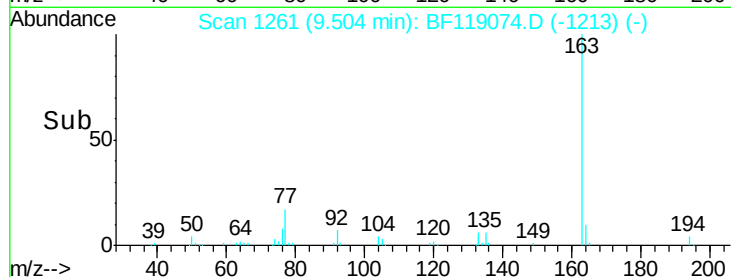
164 9.9 8.2 12.2



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: BF119074.D

Acq: 25 Feb 2020 19:47

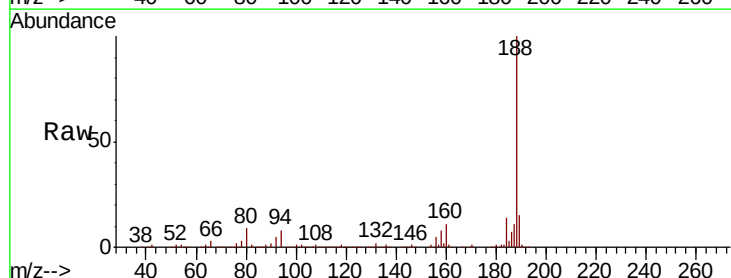
Tgt Ion:188 Resp: 821625

Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

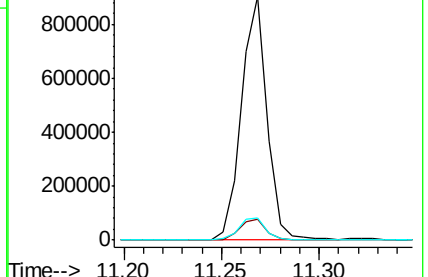
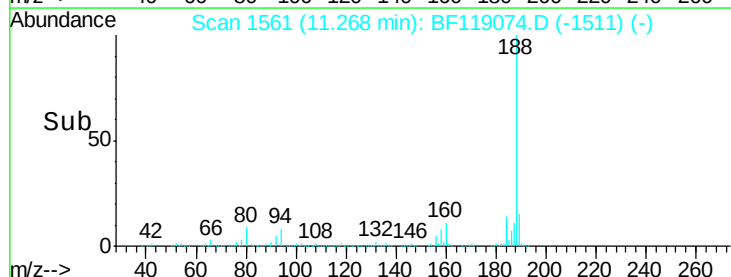
80 8.9 7.9 11.9

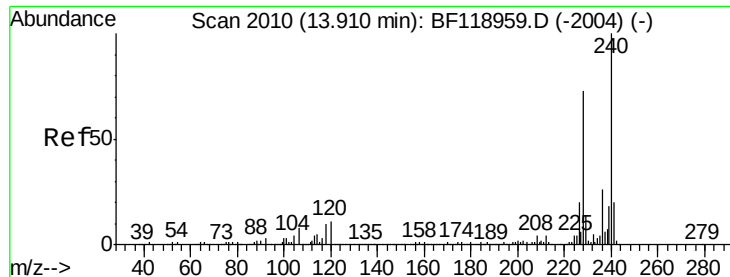


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF119074.D

Acq: 25 Feb 2020 19:47

Instrument :

BNA_F

ClientSampleId :

LIED-TS003-01

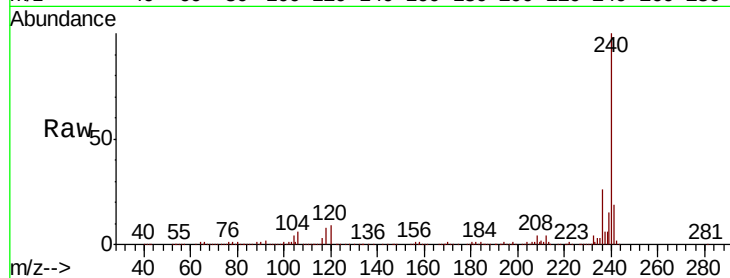
Tot Ion:240 Resp: 620340

Ion Ratio Lower Upper

240 100

120 9.2 8.9 13.3

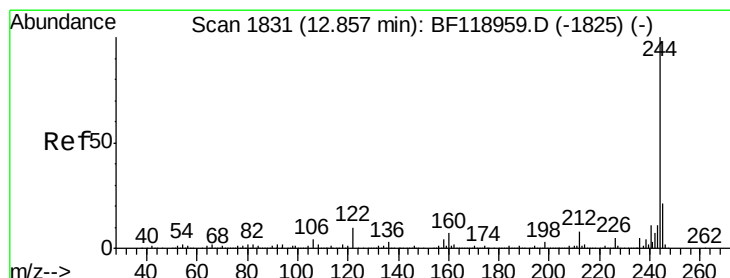
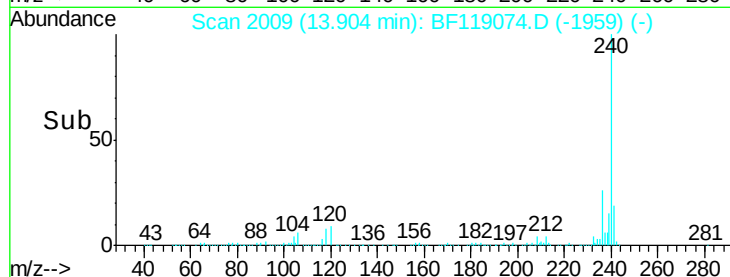
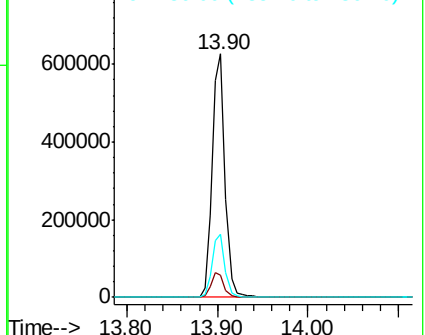
236 25.8 20.6 30.8



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: 50.458 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119074.D

Acq: 25 Feb 2020 19:47

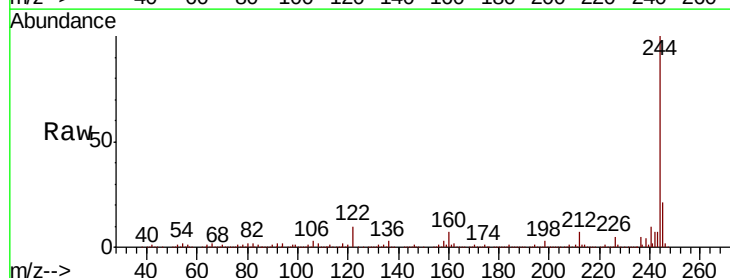
Tgt Ion:244 Resp: 1818058

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

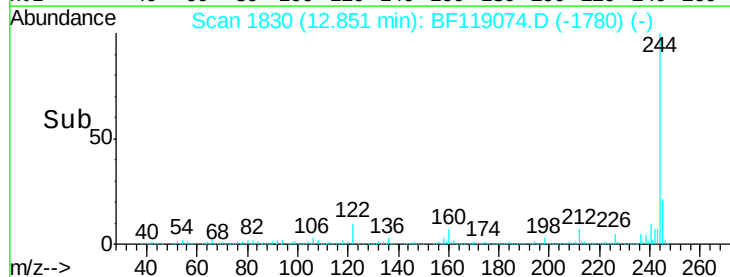
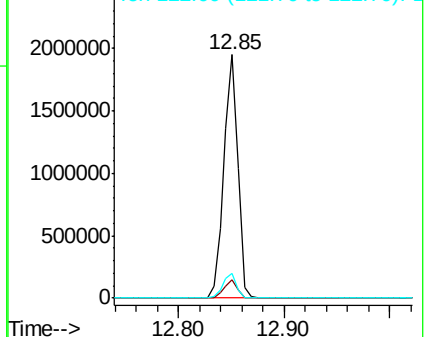
122 10.1 8.4 12.6

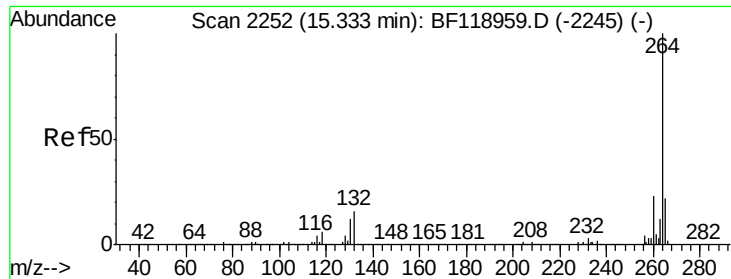


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

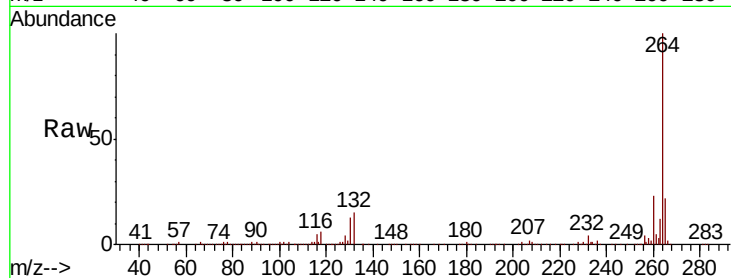




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF119074.D
Acq: 25 Feb 2020 19:47

Instrument :
BNA_F
ClientSampleId :
LIED-TS003-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.5	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

