

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022520\
 Data File : BF119075.D
 Acq On : 25 Feb 2020 20:16
 Operator : CG/JU
 Sample : L1635-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS002-01

Quant Time: Feb 26 03:27:18 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

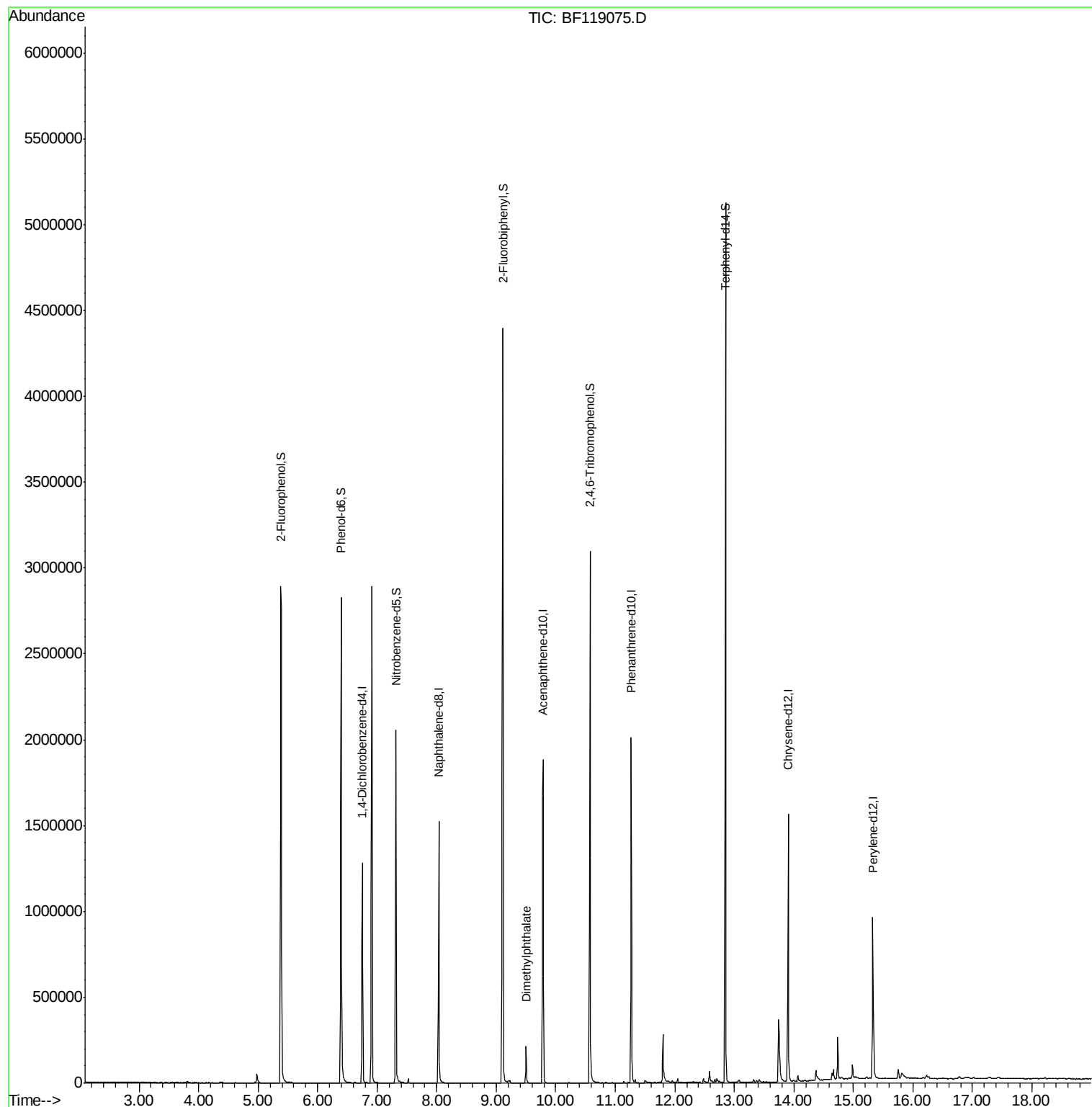
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	197817	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	762546	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	421514	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	789368	20.00	ng	0.00
76) Chrysene-d12	13.90	240	572960	20.00	ng	0.00
87) Perylene-d12	15.33	264	448192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	946902	80.00	ng	0.00
7) Phenol-d6	6.40	99	1161031	80.65	ng	0.00
23) Nitrobenzene-d5	7.32	82	766505	53.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	425596	77.18	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1519955	53.12	ng	-0.01
79) Terphenyl-d14	12.85	244	1802302	54.16	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	107552	3.337	ng	Qvalue 99

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

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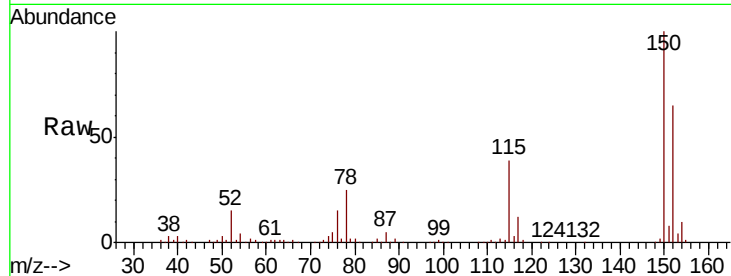


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF119075.D
Acq: 25 Feb 2020 20:16

Instrument :
BNA_F
ClientSampleId :
LIED-TS002-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.3	186.5
115	59.5	44.6	67.0

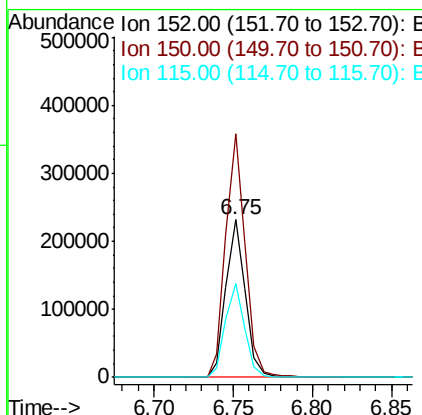
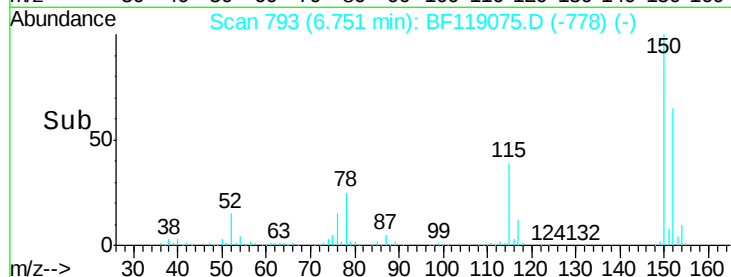


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

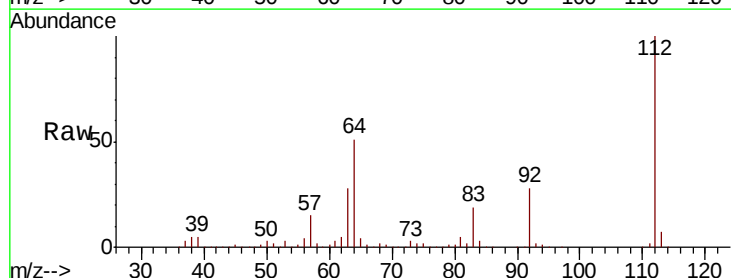
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 79.995 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF119075.D
Acq: 25 Feb 2020 20:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.5	40.4	60.6
63	27.7	21.3	31.9

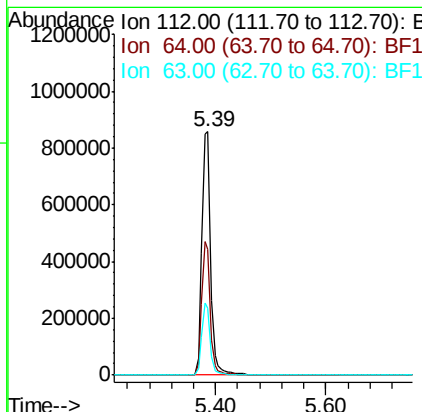
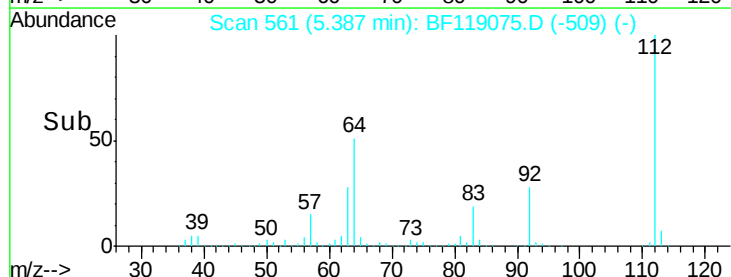


Abundance

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: 80.650 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119075.D

Acq: 25 Feb 2020 20:16

Instrument :

BNA_F

ClientSampleId :

LIED-TS002-01

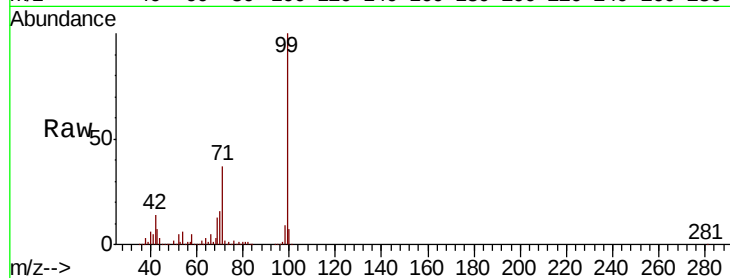
Tot Ion: 99 Resp: 1161031

Ion Ratio Lower Upper

99 100

42 14.0 11.4 17.0

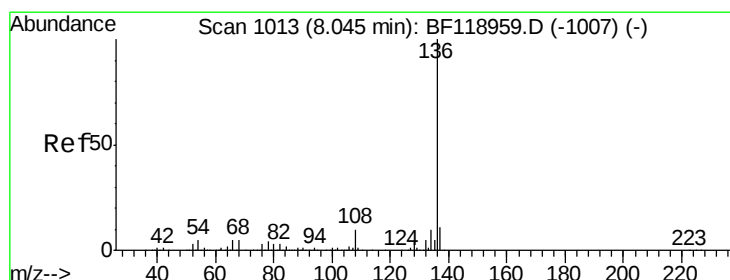
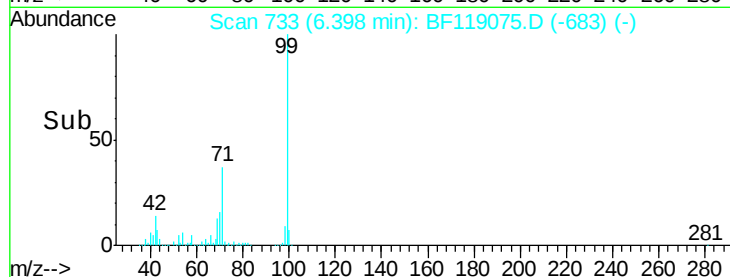
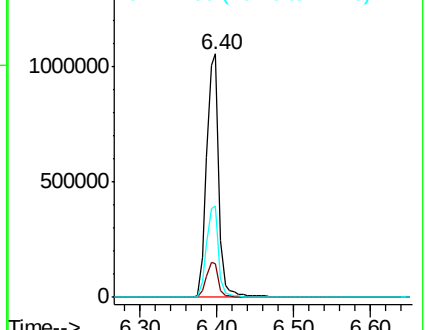
71 37.5 29.8 44.6



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: BF119075.D

Acq: 25 Feb 2020 20:16

Tgt Ion: 136 Resp: 762546

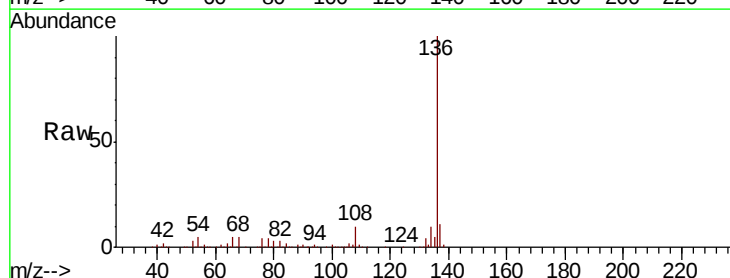
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 4.7 3.8 5.6

68 5.2 4.2 6.2

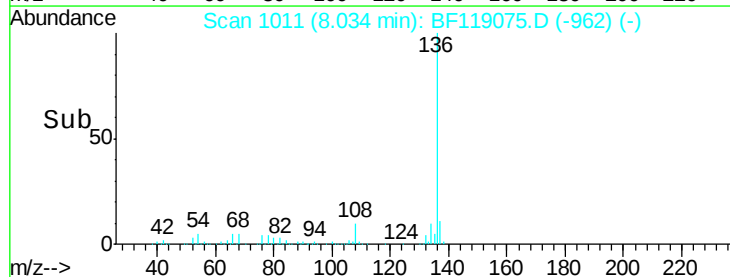
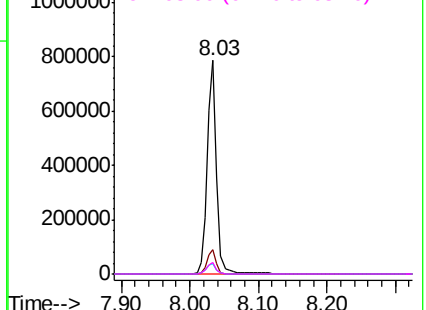


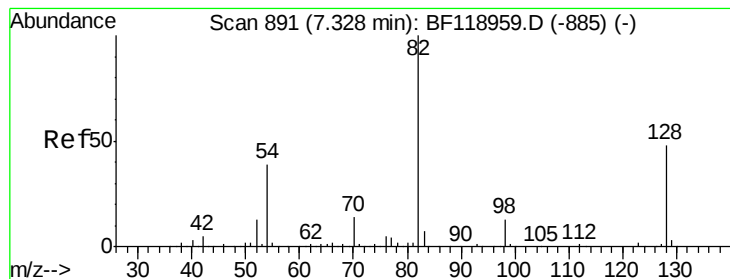
Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.074 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF119075.D

Acq: 25 Feb 2020 20:16

Instrument :

BNA_F

ClientSampleId :

LIED-TS002-01

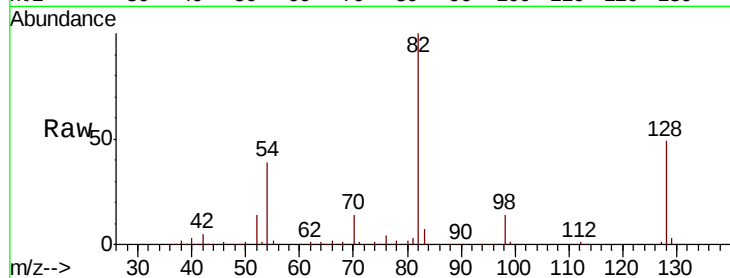
Tot Ion: 82 Resp: 766505

Ion Ratio Lower Upper

82 100

128 49.0 38.2 57.2

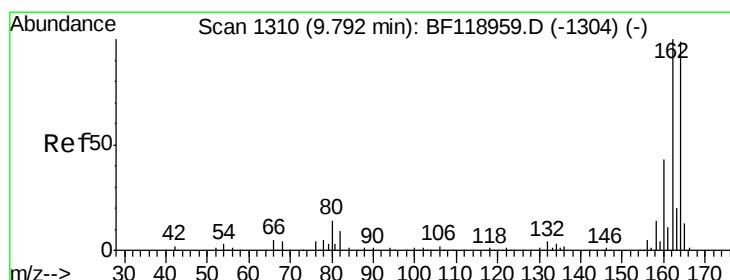
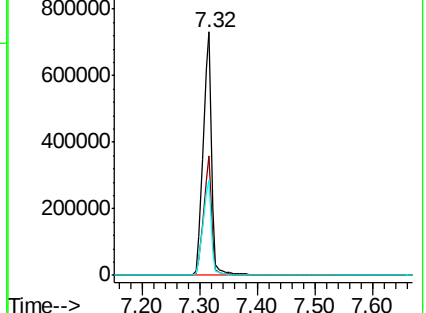
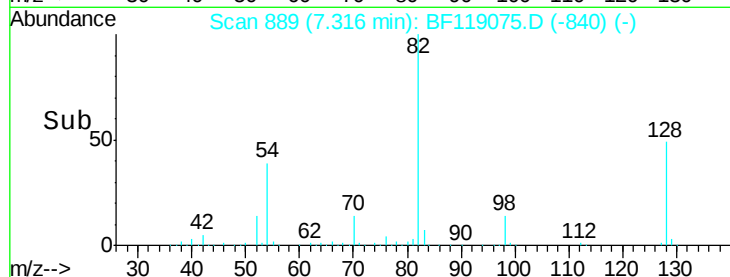
54 39.1 31.3 46.9



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: BF119075.D

Acq: 25 Feb 2020 20:16

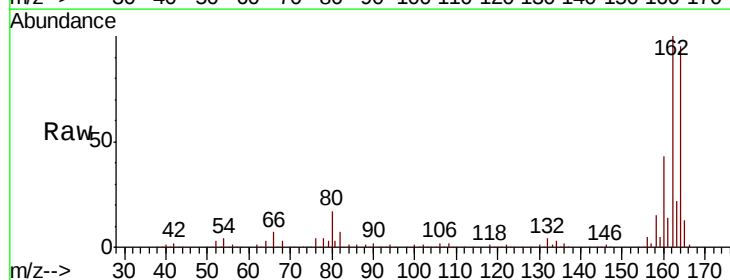
Tgt Ion: 164 Resp: 421514

Ion Ratio Lower Upper

164 100

162 104.9 81.2 121.8

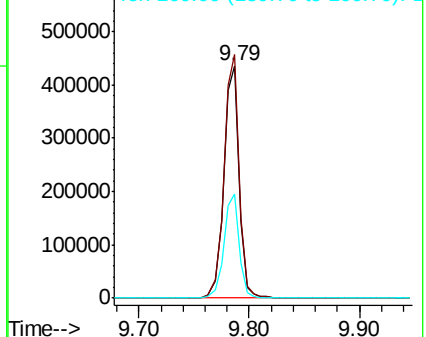
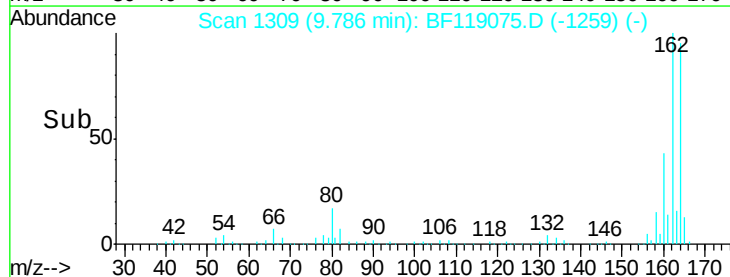
160 44.9 35.2 52.8



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

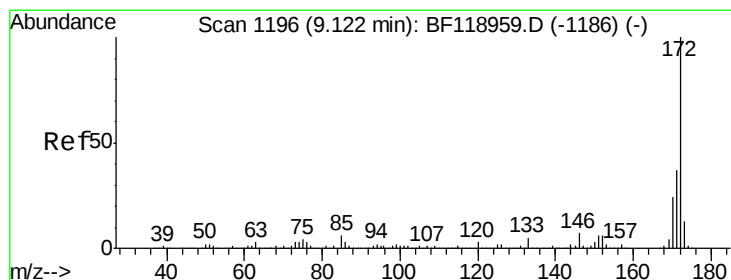
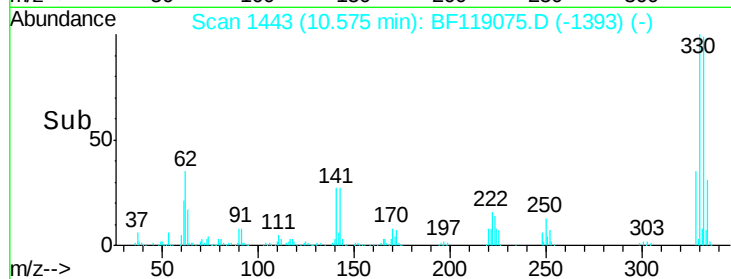
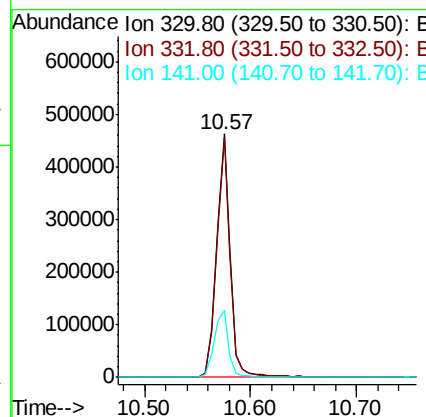
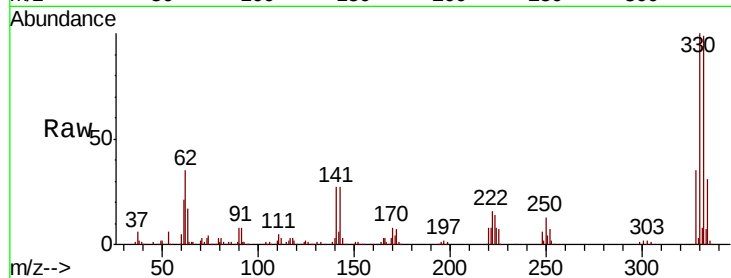




#42
 2,4,6-Tribromophenol
 Concen: 77.183 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119075.D
 Acq: 25 Feb 2020 20:16

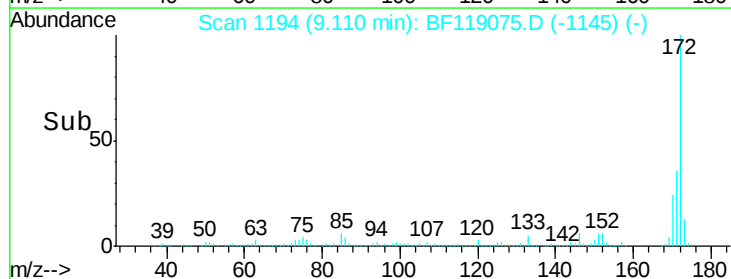
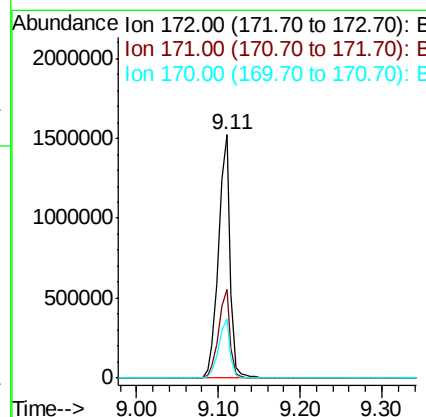
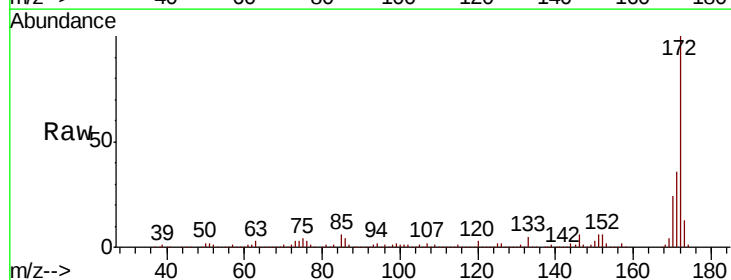
Instrument :
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 LIED-TS002-01

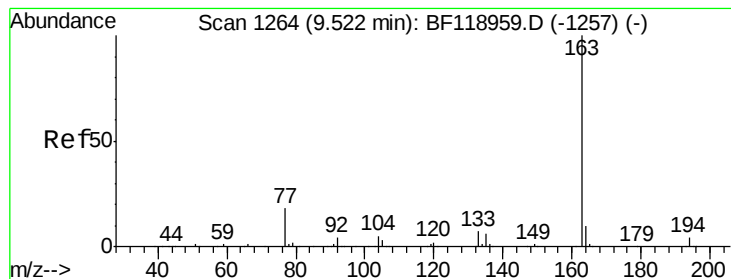
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.1	115.7
141	29.1	23.0	34.6



#45
 2-Fluorobiphenyl
 Concen: 53.122 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119075.D
 Acq: 25 Feb 2020 20:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.3	19.6	29.4





#50

Dimethylphthalate

Concen: 3.337 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119075.D

Acq: 25 Feb 2020 20:16

Instrument :

BNA_F

ClientSampleId :

LIED-TS002-01

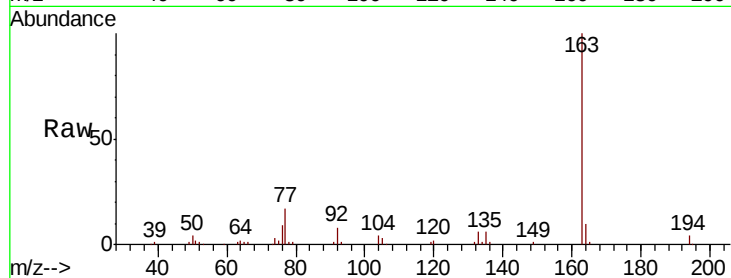
Tot Ion:163 Resp: 107552

Ion Ratio Lower Upper

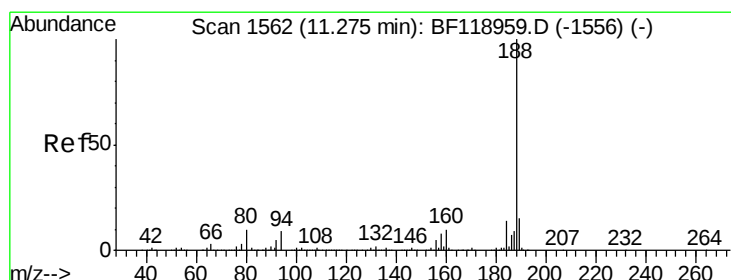
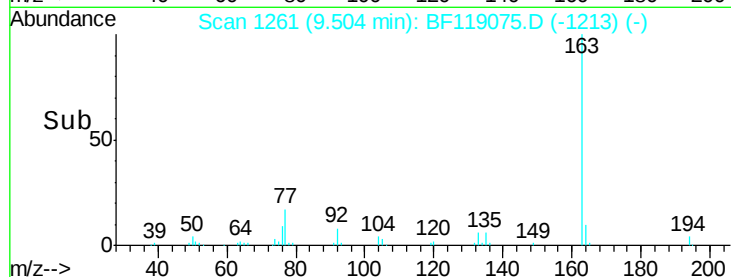
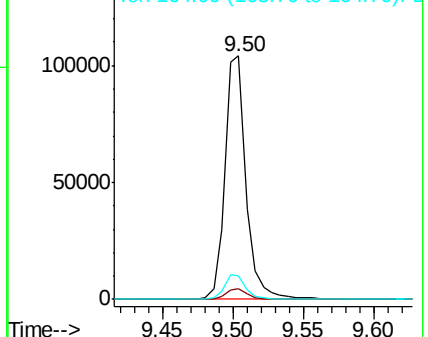
163 100

194 4.3 3.4 5.2

164 9.7 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: BF119075.D

Acq: 25 Feb 2020 20:16

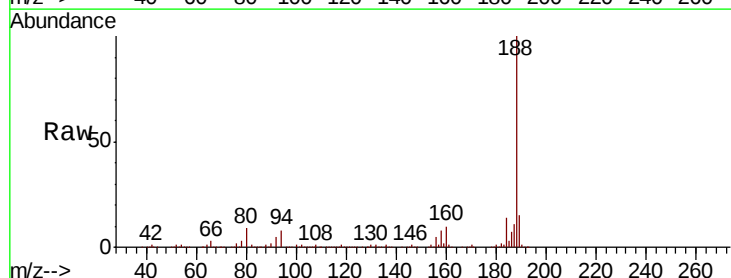
Tgt Ion:188 Resp: 789368

Ion Ratio Lower Upper

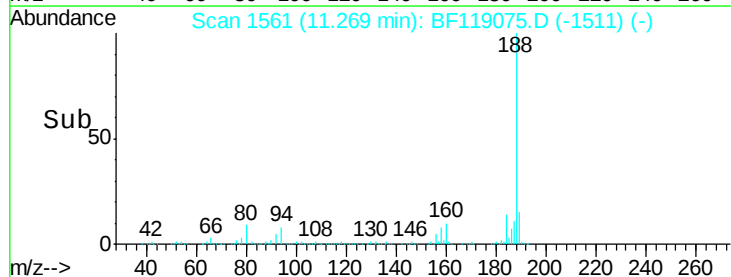
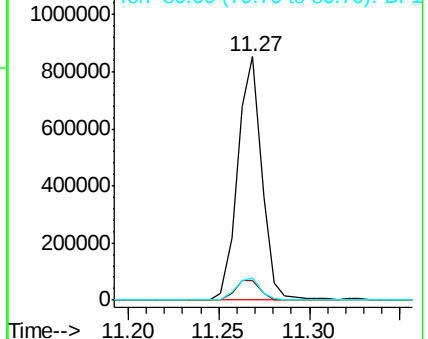
188 100

94 7.9 7.0 10.6

80 9.1 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

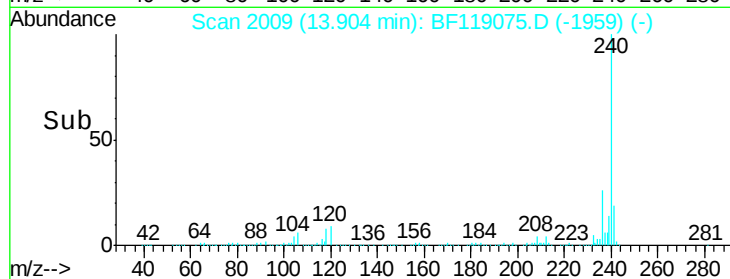
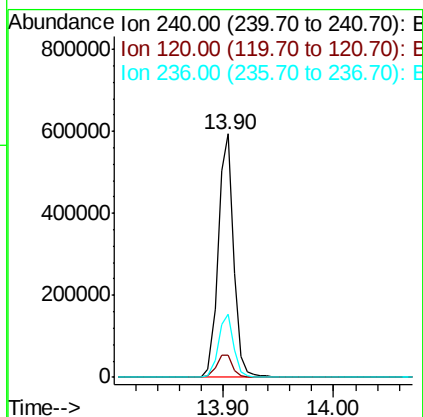
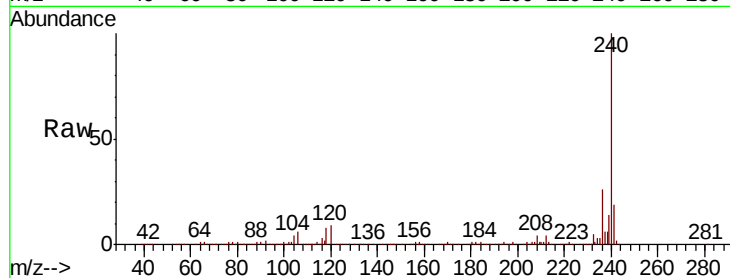




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119075.D
Acq: 25 Feb 2020 20:16

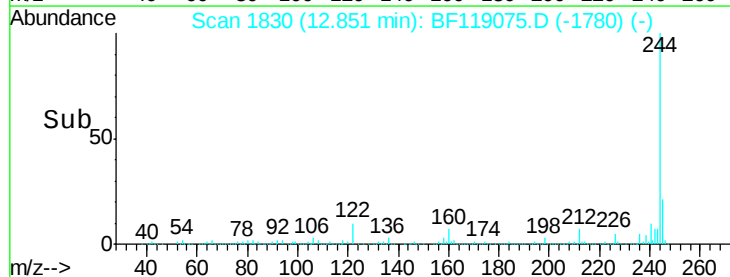
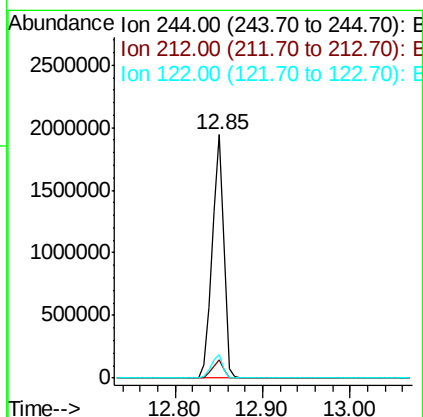
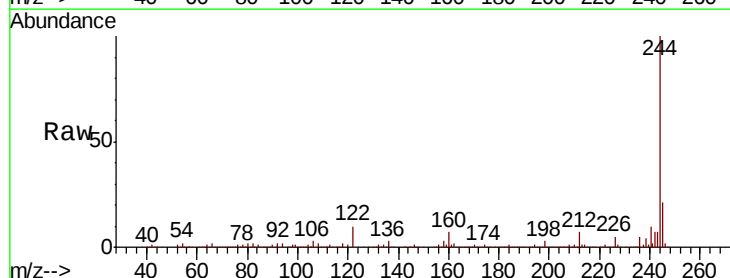
Instrument :
BNA_F
ClientSampleId :
LIED-TS002-01

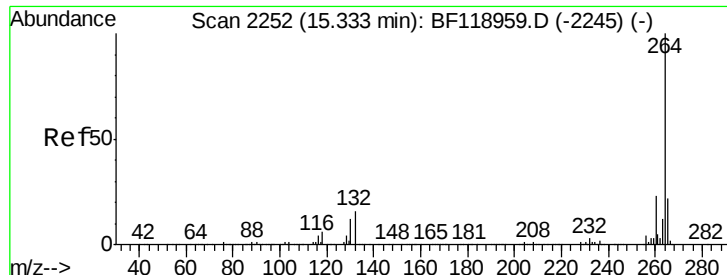
Tot Ion:240	Resp:	572960
Ion	Ratio	Lower Upper
240	100	
120	9.1	8.9 13.3
236	26.2	20.6 30.8



#79
Terphenyl-d14
Concen: 54.157 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BF119075.D
Acq: 25 Feb 2020 20:16

Tgt Ion:244	Resp:	1802302
Ion	Ratio	Lower Upper
244	100	
212	7.4	6.3 9.5
122	9.7	8.4 12.6





#87
 Pervlone-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119075.D
 Acq: 25 Feb 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS002-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.4	17.3	25.9

