

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119049.D
 Acq On : 25 Feb 2020 4:49
 Operator : CG/JU
 Sample : L1635-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS007-01

Quant Time: Feb 25 06:54:04 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

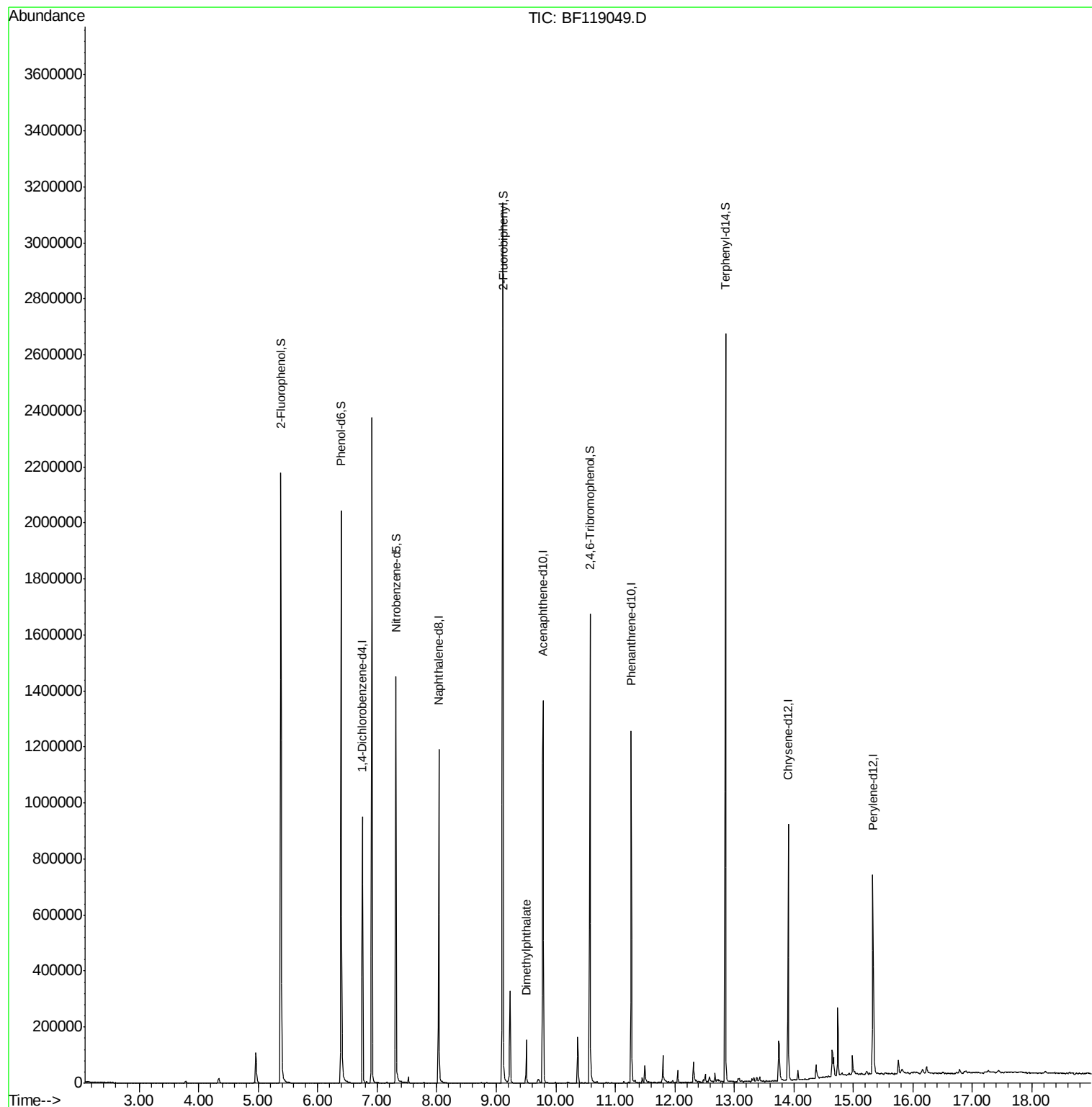
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	146356	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	553188	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	288252	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	489425	20.00	ng	0.00
76) Chrysene-d12	13.90	240	310926	20.00	ng	0.00
87) Perylene-d12	15.33	264	347297	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	644312	73.57	ng	0.00
7) Phenol-d6	6.40	99	801169	75.22	ng	0.00
23) Nitrobenzene-d5	7.32	82	544143	51.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	240531	63.79	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1043250	53.32	ng	-0.01
79) Terphenyl-d14	12.85	244	1028208	56.93	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	71707	3.253	ng	Qvalue 98

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

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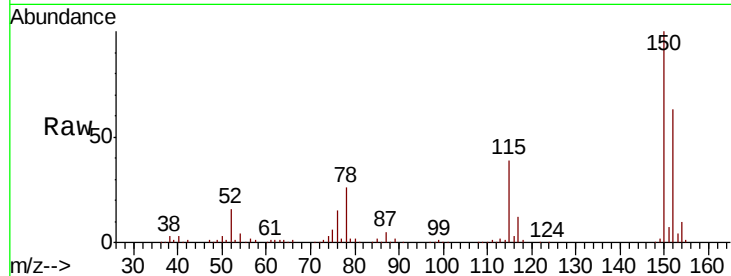


#1

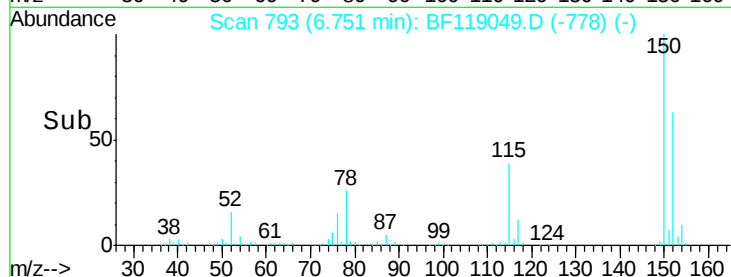
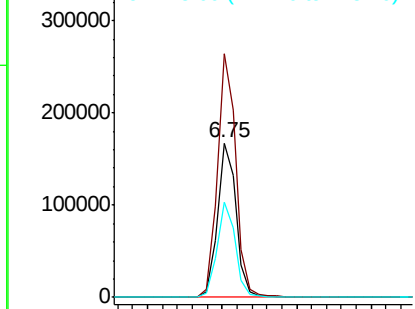
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119049.D
 Acq: 25 Feb 2020 4:49

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.3	186.5
115	61.5	44.6	67.0



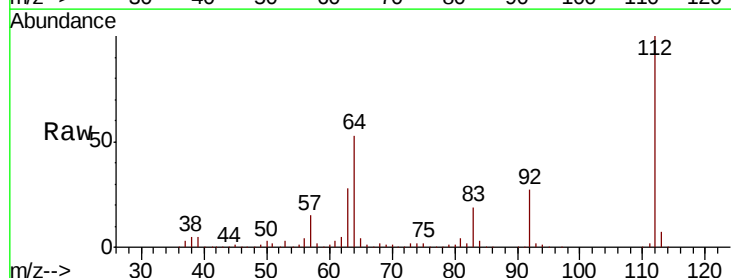
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



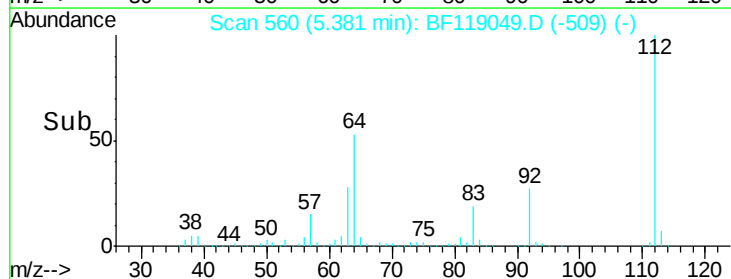
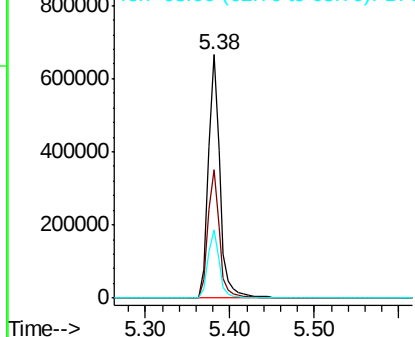
#5

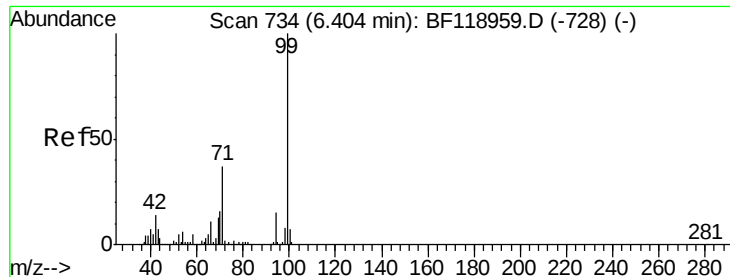
2-Fluorophenol
 Concen: 73.571 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF119049.D
 Acq: 25 Feb 2020 4:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	40.4	60.6
63	28.1	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: 75.221 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

Instrument :

BNA_F

ClientSampleId :

LIED-TS007-01

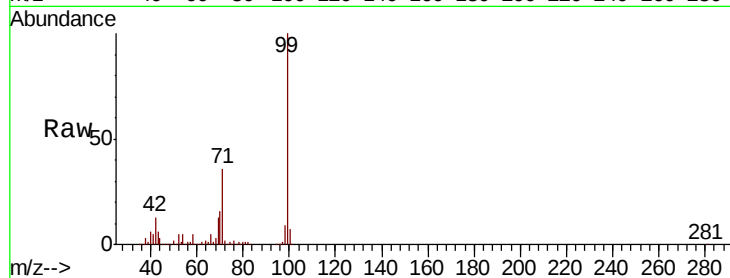
Tot Ion: 99 Resp: 801169

Ion Ratio Lower Upper

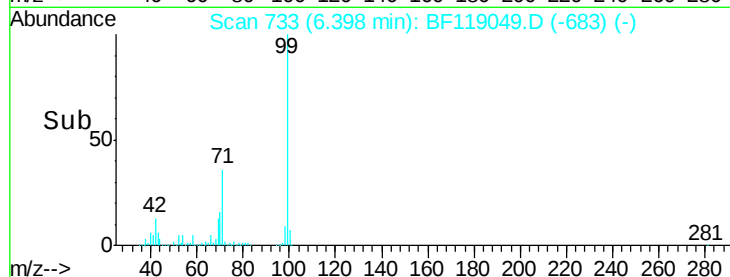
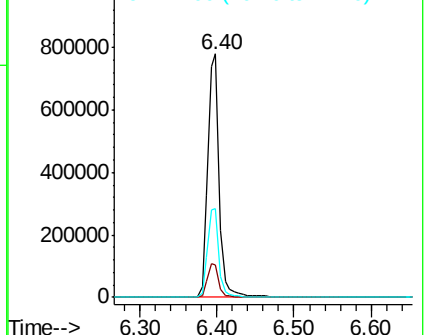
99 100

42 13.4 11.4 17.0

71 36.3 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: BF119049.D

Acq: 25 Feb 2020 4:49

Tgt Ion: 136 Resp: 553188

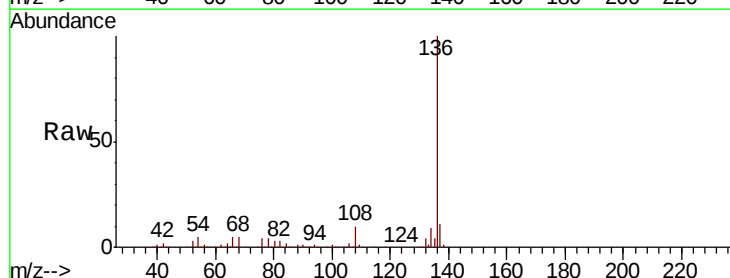
Ion Ratio Lower Upper

136 100

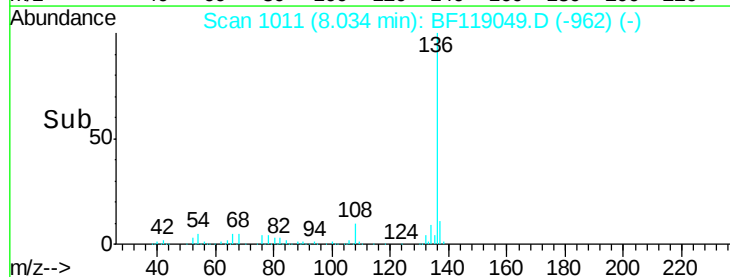
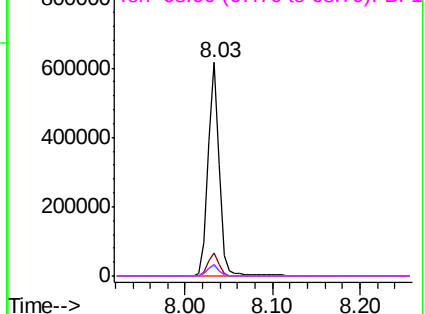
137 10.9 8.9 13.3

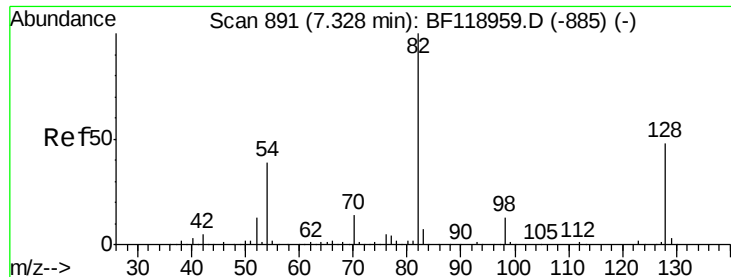
54 4.9 3.8 5.6

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

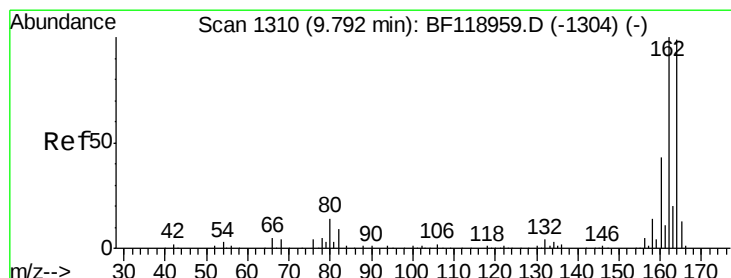
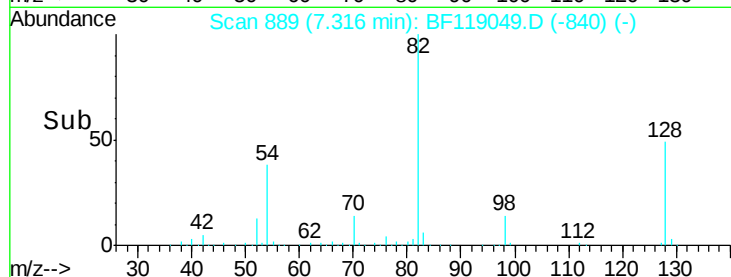
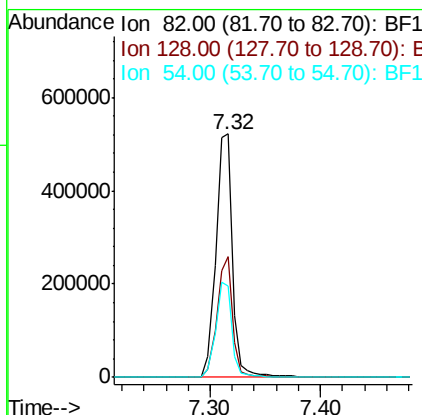
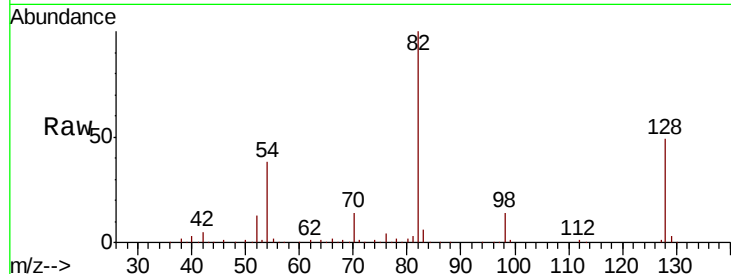




#23
 Nitrobenzene-d5
 Concen: 51.937 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119049.D
 Acq: 25 Feb 2020 4:49

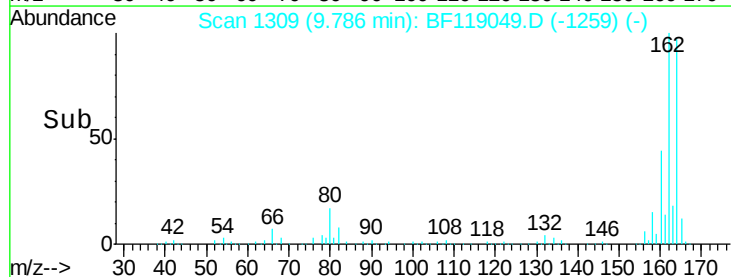
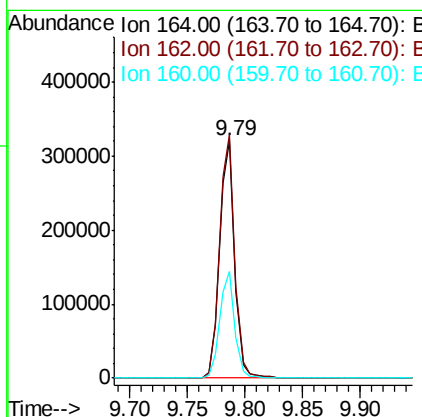
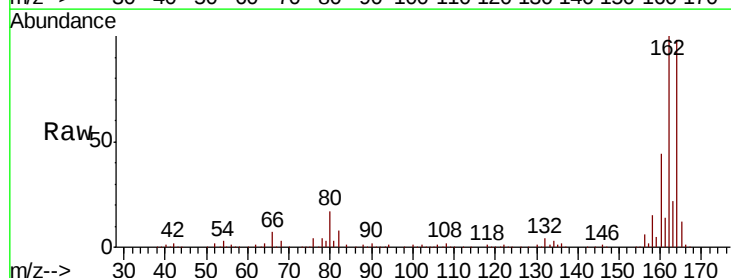
Instrument :
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Tot Ion	82	Resp	544143
Ion Ratio	Lower	Upper	
82	100		
128	49.5	38.2	57.2
54	37.5	31.3	46.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119049.D
 Acq: 25 Feb 2020 4:49

Tgt Ion	164	Resp	288252
Ion Ratio	Lower	Upper	
164	100		
162	102.4	81.2	121.8
160	44.9	35.2	52.8





#42

2,4,6-Tribromophenol

Concen: 63.787 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

Instrument :

BNA_F

ClientSampleId :

LIED-TS007-01

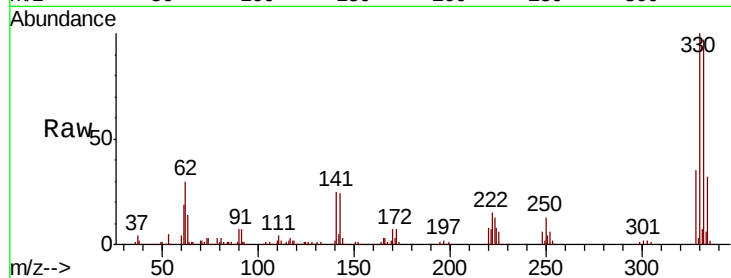
Tot Ion:330 Resp: 240531

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

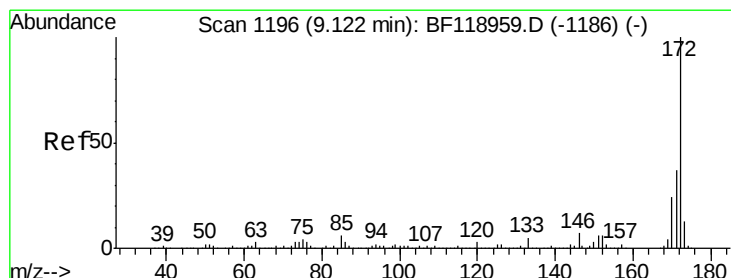
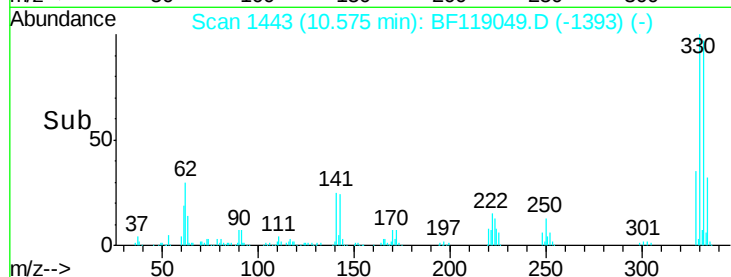
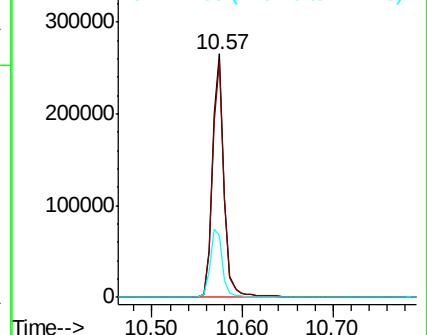
141 29.9 23.0 34.6



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: 53.317 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

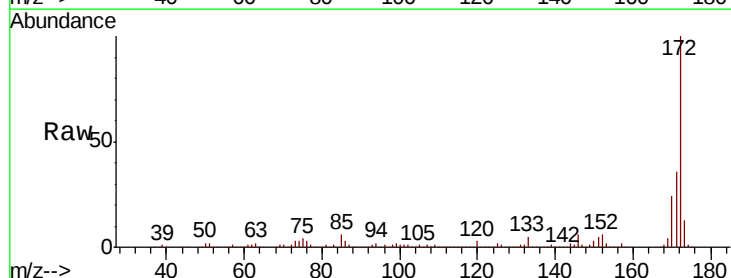
Tgt Ion:172 Resp: 1043250

Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.2

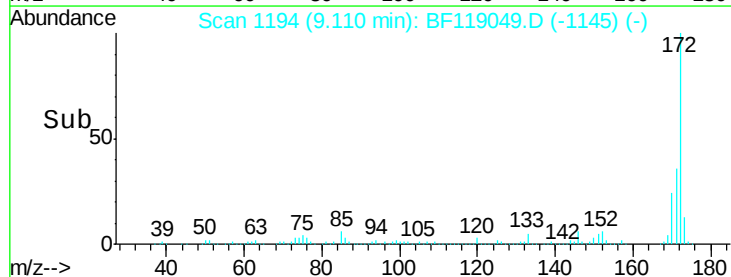
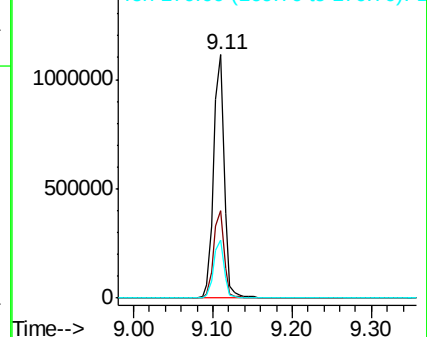
170 23.7 19.6 29.4

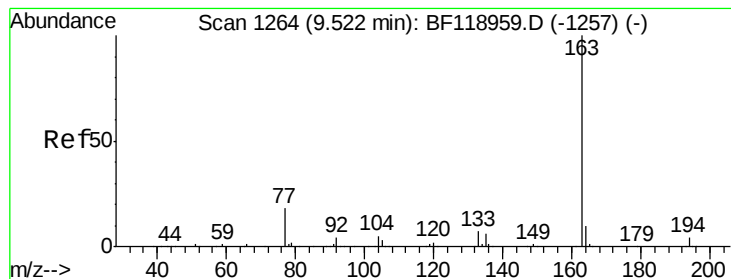


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.253 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119049.D

Acq: 25 Feb 2020 4:49

Instrument :

BNA_F

ClientSampleId :

LIED-TS007-01

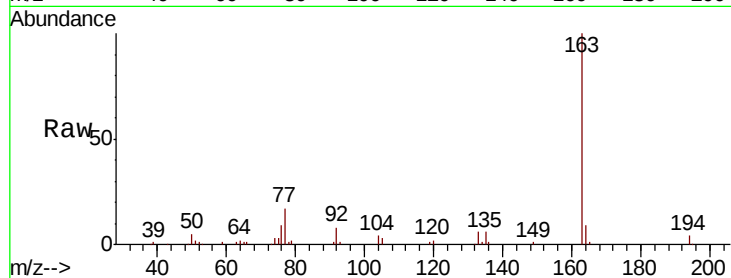
Tot Ion:163 Resp: 71707

Ion Ratio Lower Upper

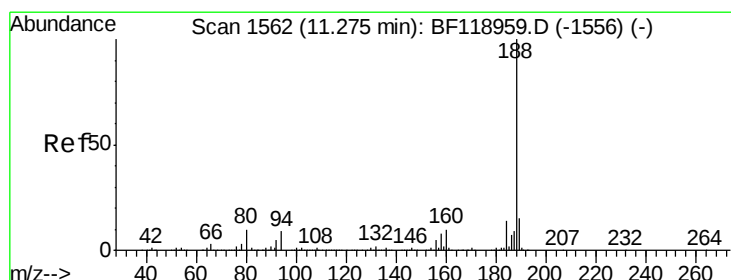
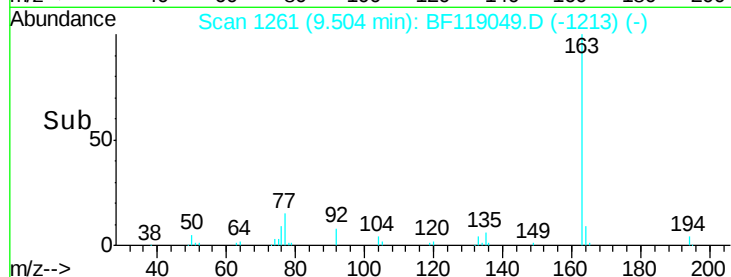
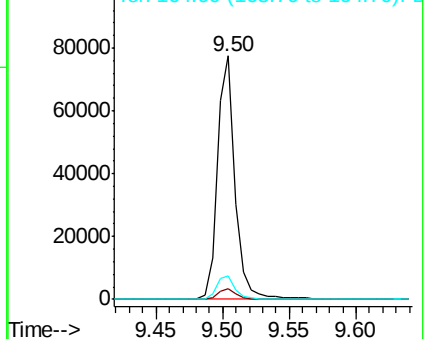
163 100

194 4.5 3.4 5.2

164 9.5 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: BF119049.D

Acq: 25 Feb 2020 4:49

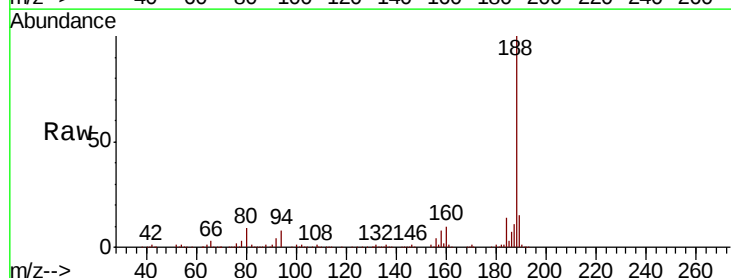
Tgt Ion:188 Resp: 489425

Ion Ratio Lower Upper

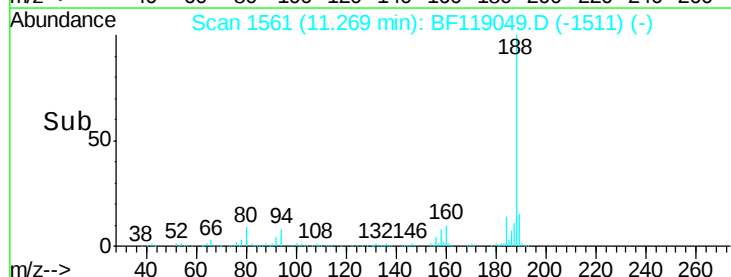
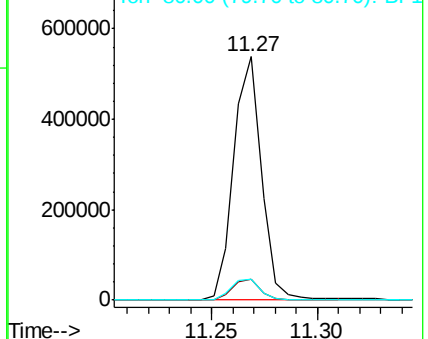
188 100

94 8.4 7.0 10.6

80 8.8 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

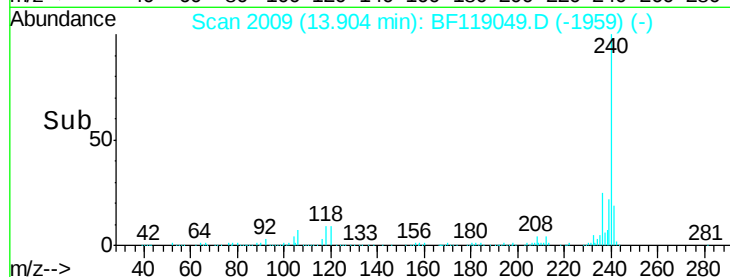
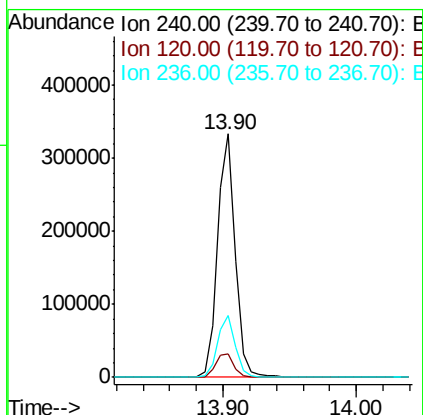
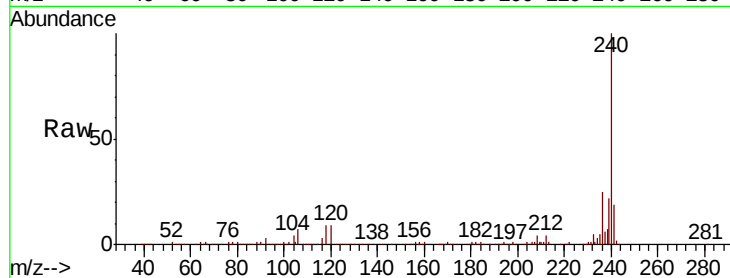




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119049.D
 Acq: 25 Feb 2020 4:49

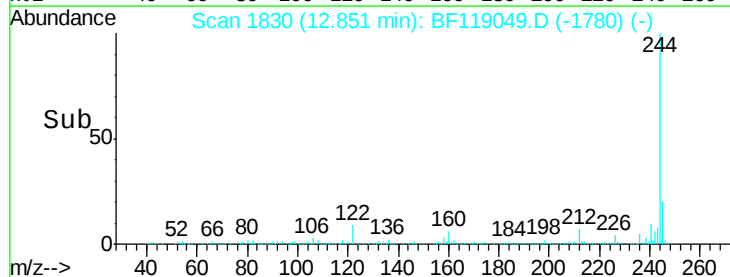
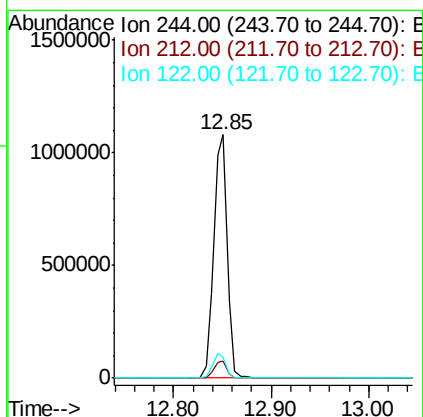
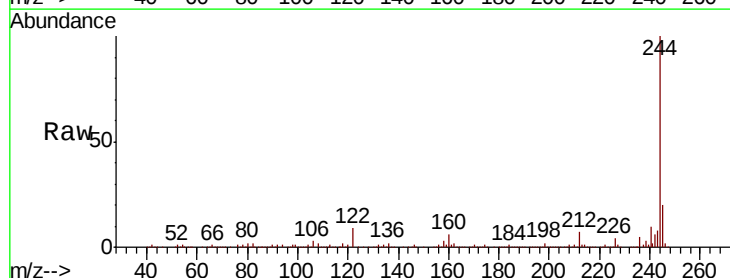
Instrument :
 BNA_F
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 LIED-TS007-01

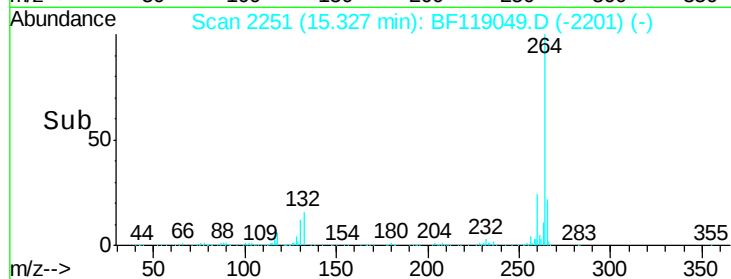
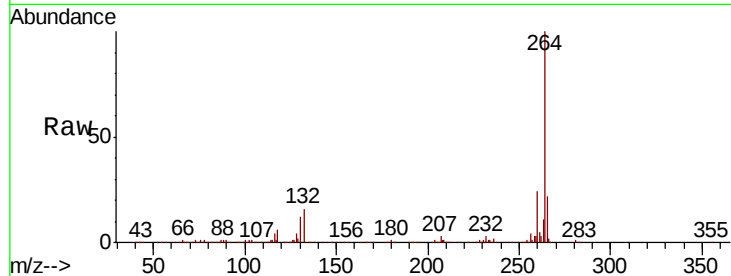
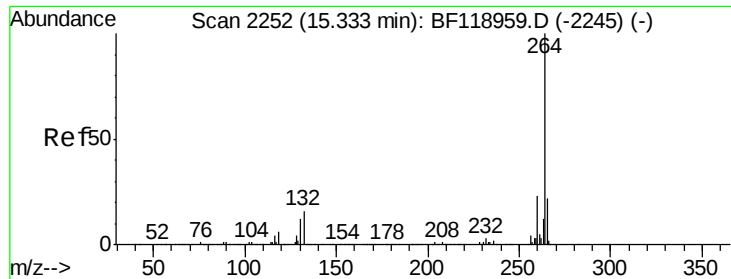
Tot Ion:240 Resp: 310926
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.9 13.3
 236 25.4 20.6 30.8



#79
 Terphenyl-d14
 Concen: 56.934 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119049.D
 Acq: 25 Feb 2020 4:49

Tgt Ion:244 Resp: 1028208
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 8.7 8.4 12.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF119049.D
 Acq: 25 Feb 2020 4:49

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS007-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	21.6	17.3	25.9

