

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119046.D
 Acq On : 25 Feb 2020 3:21
 Operator : CG/JU
 Sample : L1635-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS001-02

Quant Time: Feb 25 06:49:27 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

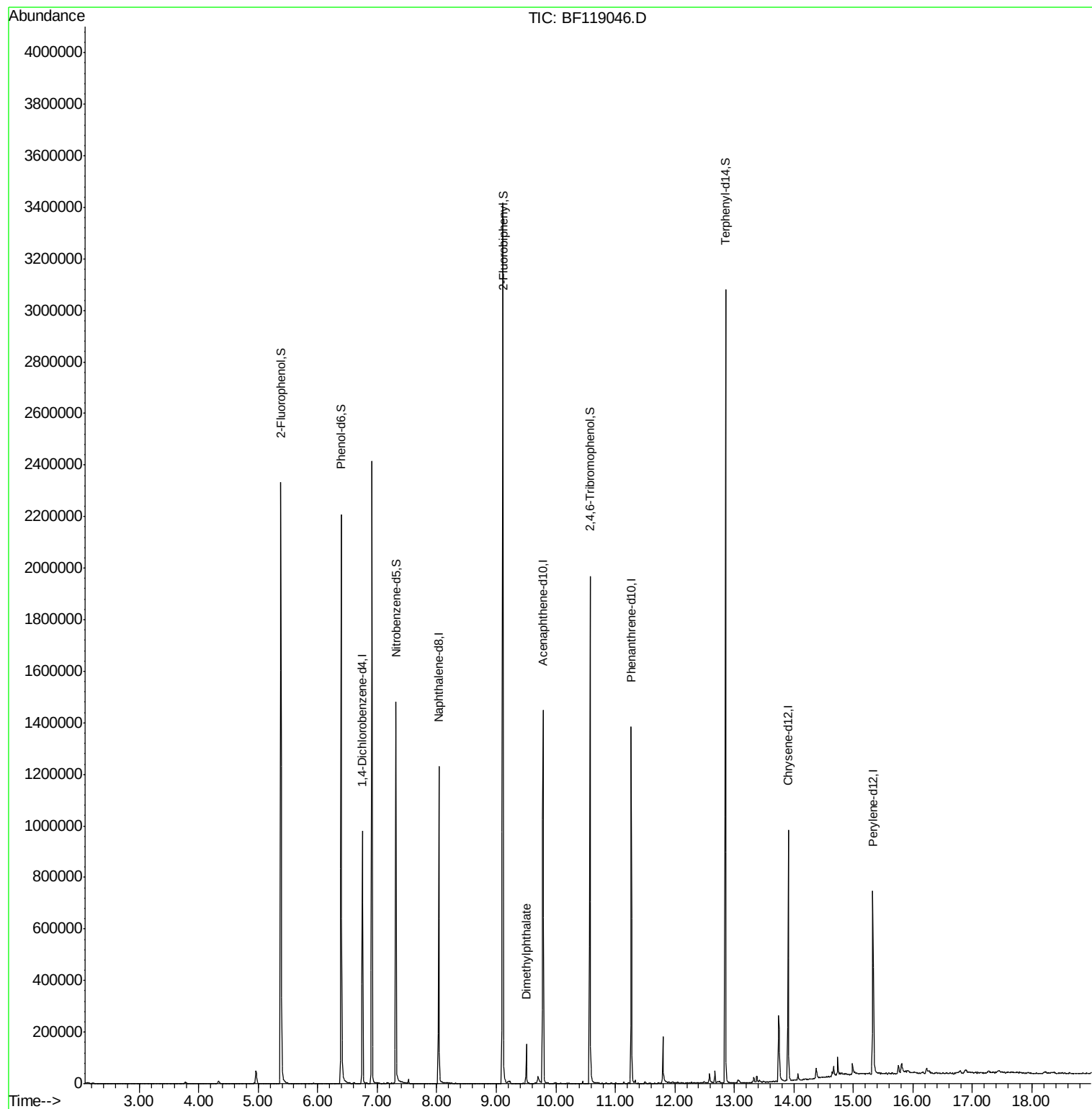
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	145543	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	563928	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	296726	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	504867	20.00	ng	0.00
76) Chrysene-d12	13.90	240	318901	20.00	ng	0.00
87) Perylene-d12	15.33	264	354144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	682120	78.32	ng	0.00
7) Phenol-d6	6.40	99	823345	77.73	ng	0.00
23) Nitrobenzene-d5	7.32	82	540489	50.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	270356	69.65	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1097910	54.51	ng	-0.01
79) Terphenyl-d14	12.85	244	1112722	60.07	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	68535	3.020	ng	Qvalue 99

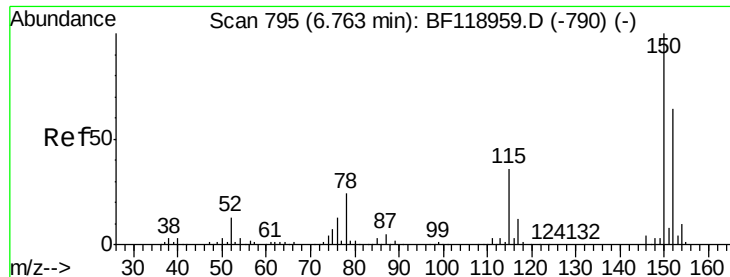
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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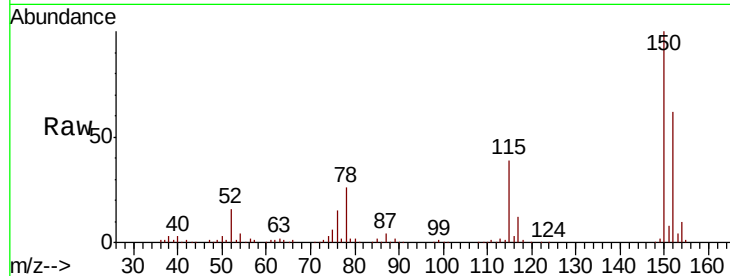


#1

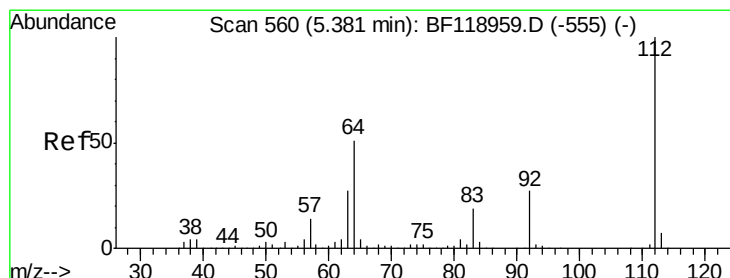
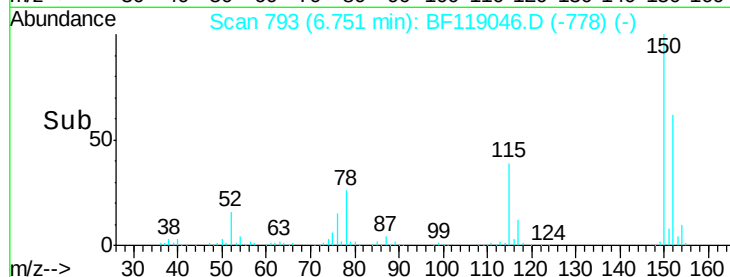
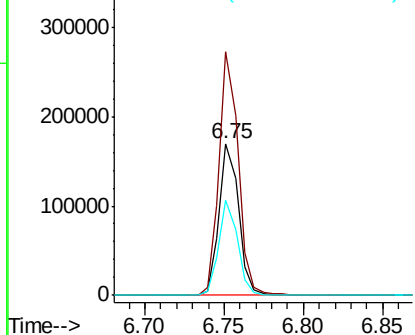
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119046.D
 Acq: 25 Feb 2020 3:21

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS001-02

Tot Ion:152 Resp: 145543
 Ion Ratio Lower Upper
 152 100
 150 160.5 124.3 186.5
 115 62.7 44.6 67.0



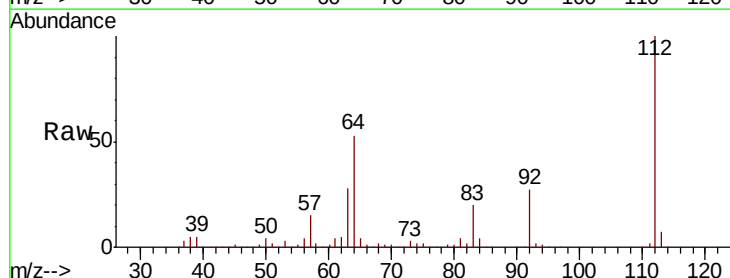
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



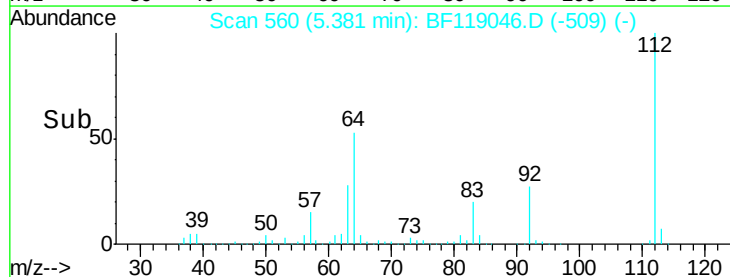
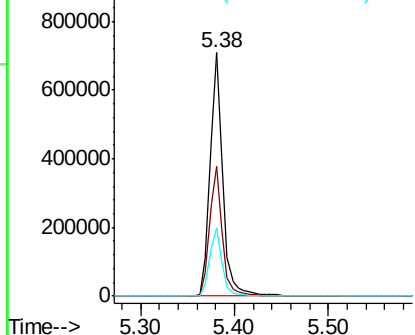
#5

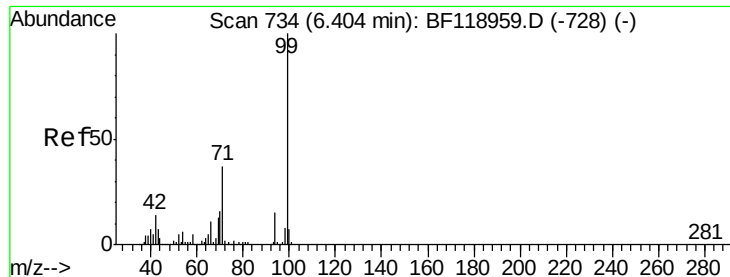
2-Fluorophenol
 Concen: 78.323 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF119046.D
 Acq: 25 Feb 2020 3:21

Tgt Ion:112 Resp: 682120
 Ion Ratio Lower Upper
 112 100
 64 53.2 40.4 60.6
 63 28.3 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: 77.734 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119046.D

Acq: 25 Feb 2020 3:21

Instrument :

BNA_F

ClientSampleId :

LIED-TS001-02

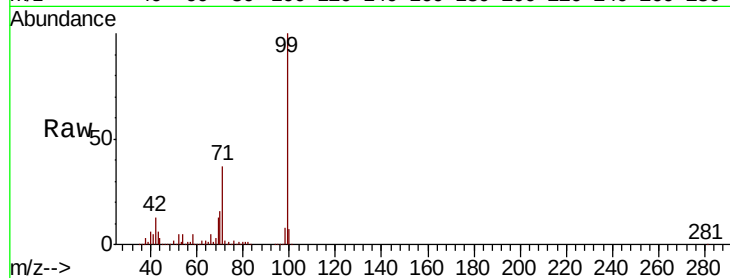
Tot Ion: 99 Resp: 823345

Ion Ratio Lower Upper

99 100

42 13.4 11.4 17.0

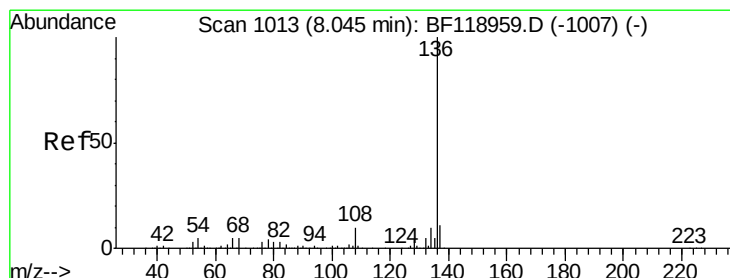
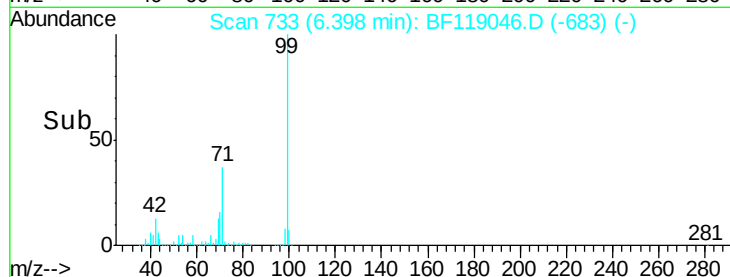
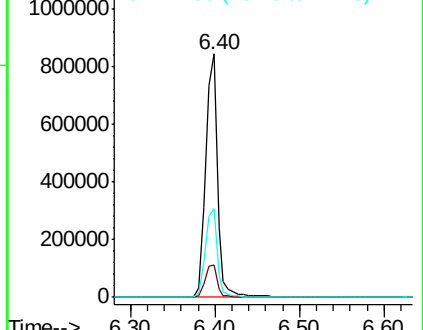
71 36.6 29.8 44.6



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: BF119046.D

Acq: 25 Feb 2020 3:21

Tgt Ion: 136 Resp: 563928

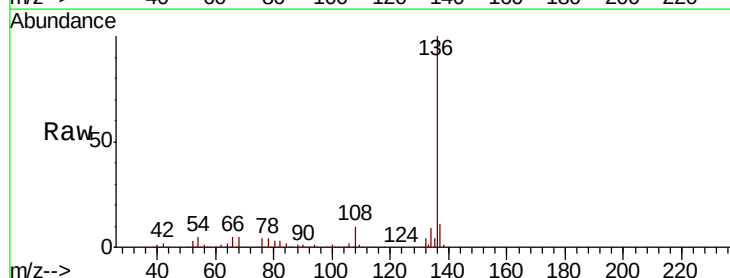
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 4.7 3.8 5.6

68 5.5 4.2 6.2

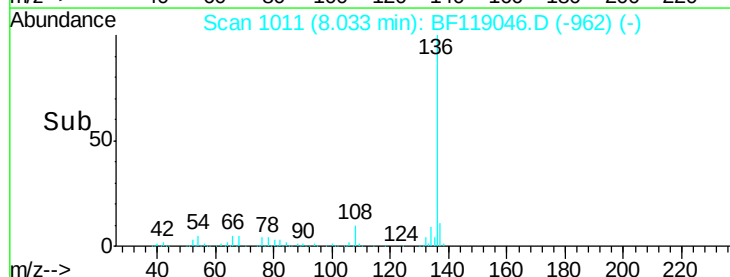
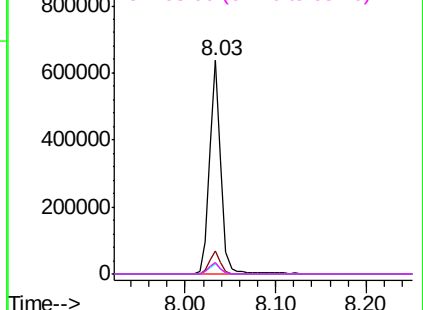


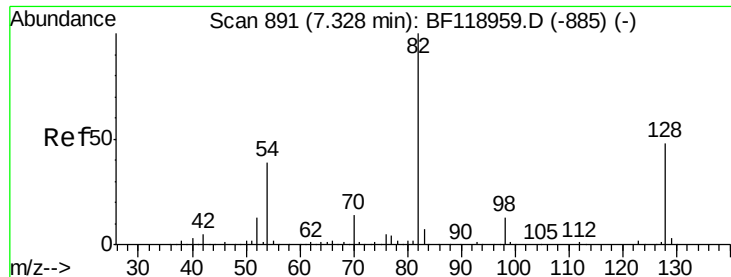
Abundance Ion 136.00 (135.70 to 136.70): E

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

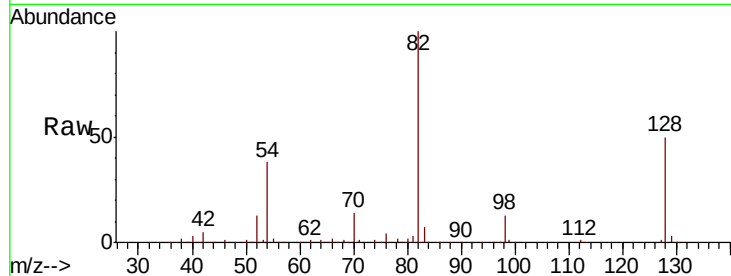




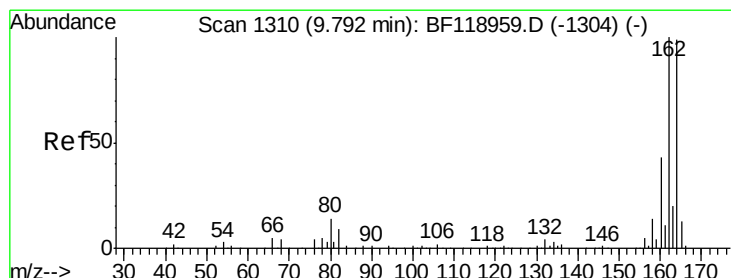
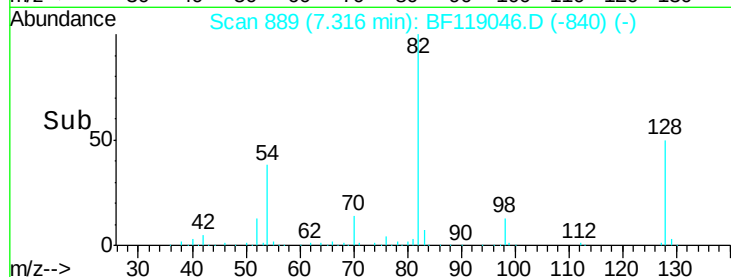
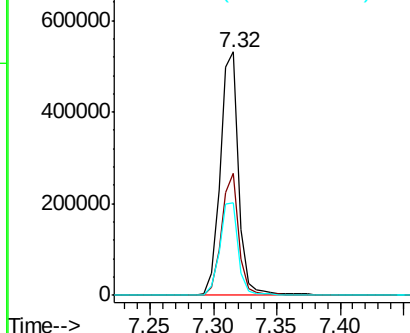
#23
 Nitrobenzene-d5
 Concen: 50.605 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF119046.D
 Acq: 25 Feb 2020 3:21

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS001-02

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.1	38.2	57.2
54	38.1	31.3	46.9

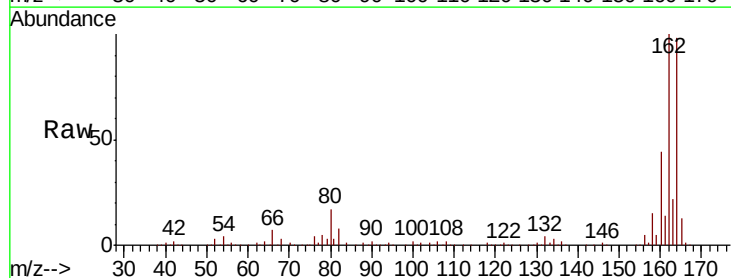


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

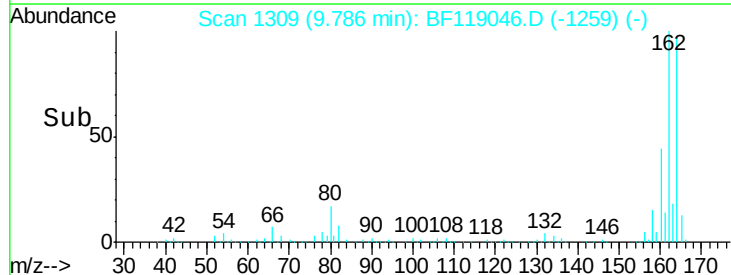
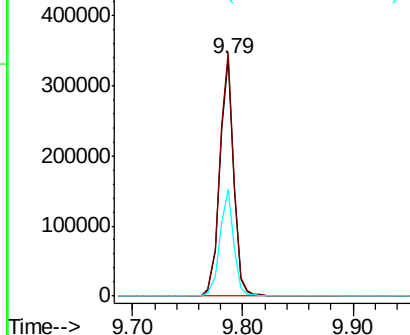


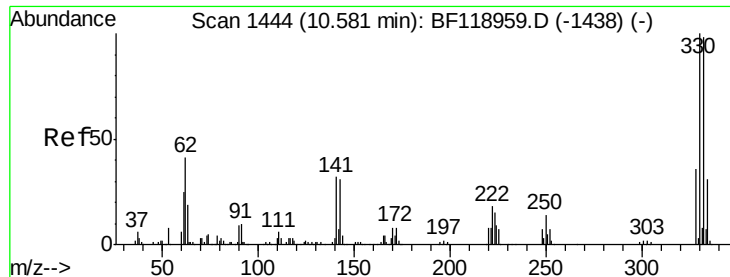
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF119046.D
 Acq: 25 Feb 2020 3:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.2	121.8
160	44.7	35.2	52.8



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

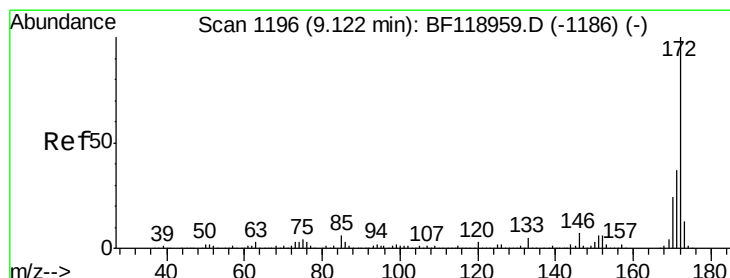
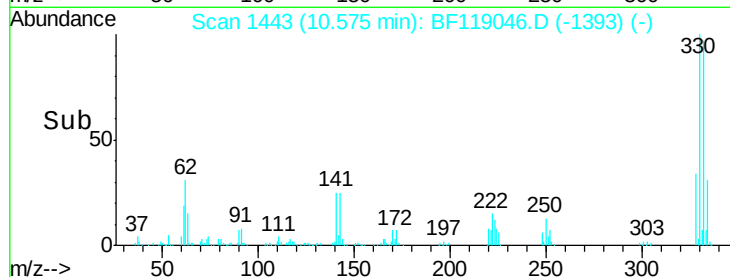
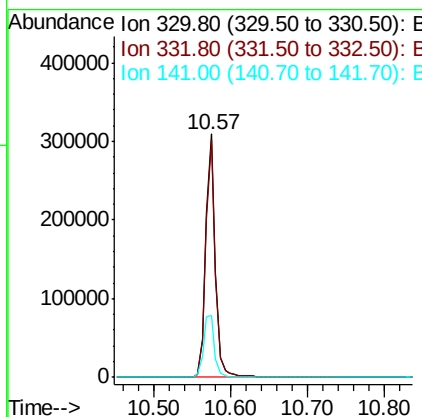
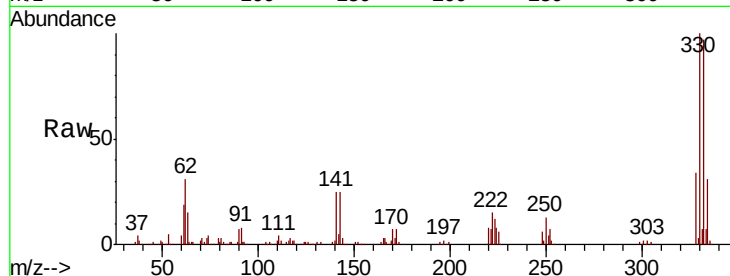




#42
 2,4,6-Tribromophenol
 Concen: 69.649 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119046.D
 Acq: 25 Feb 2020 3:21

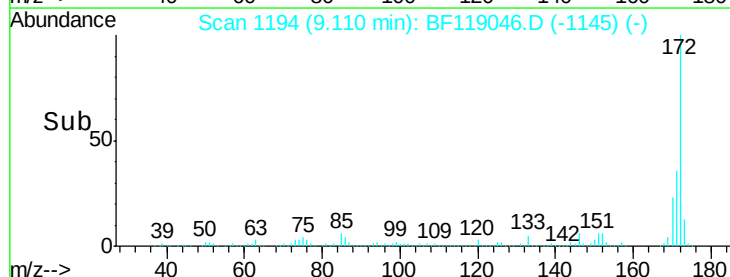
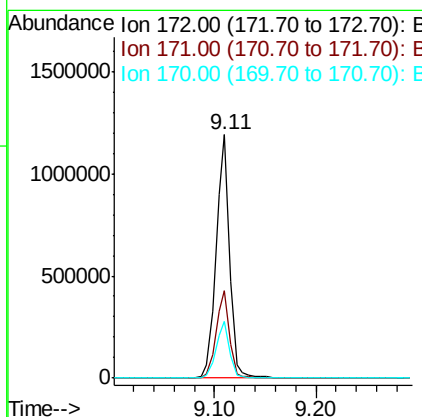
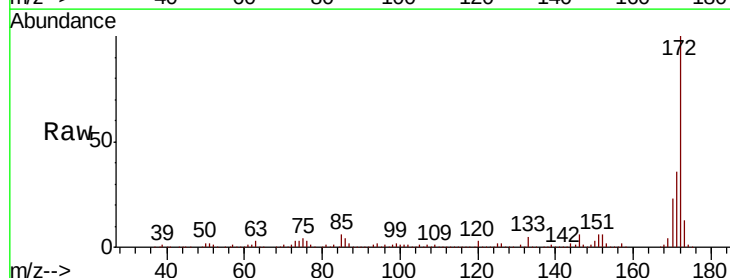
Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS001-02

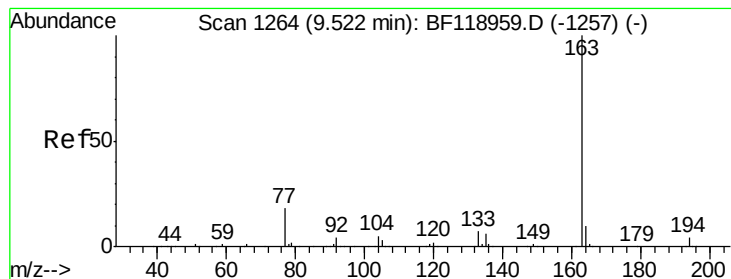
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	29.0	23.0	34.6



#45
 2-Fluorobiphenyl
 Concen: 54.509 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119046.D
 Acq: 25 Feb 2020 3:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.2
170	23.5	19.6	29.4





#50

Dimethylphthalate

Concen: 3.020 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BF119046.D

Acq: 25 Feb 2020 3:21

Instrument :

BNA_F

ClientSampleId :

LIED-TS001-02

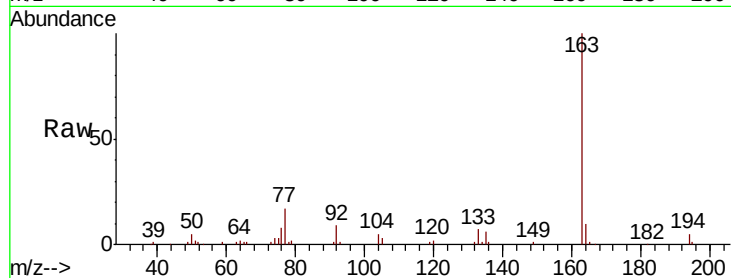
Tot Ion:163 Resp: 68535

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

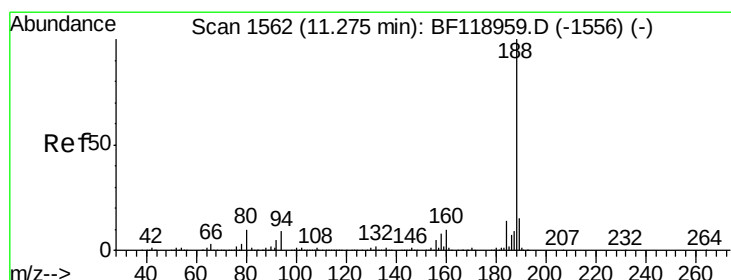
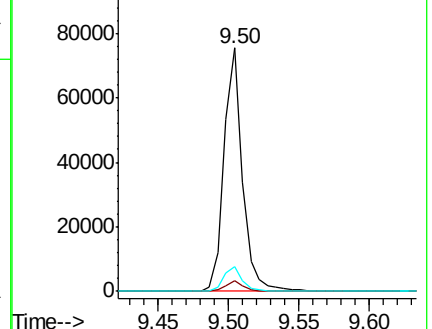
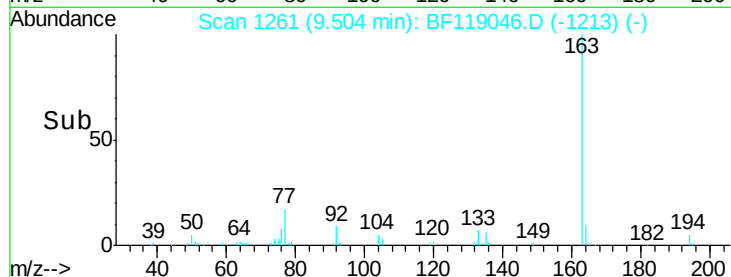
164 9.9 8.2 12.2



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: BF119046.D

Acq: 25 Feb 2020 3:21

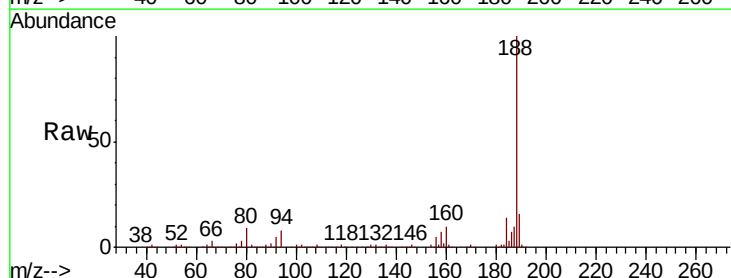
Tgt Ion:188 Resp: 504867

Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

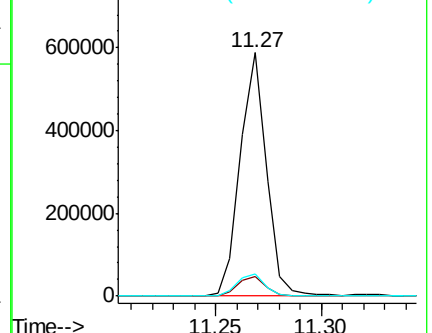
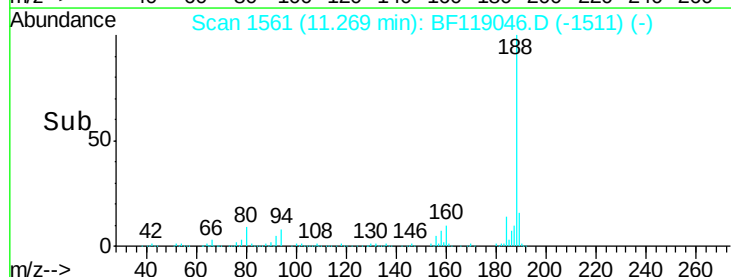
80 9.0 7.9 11.9

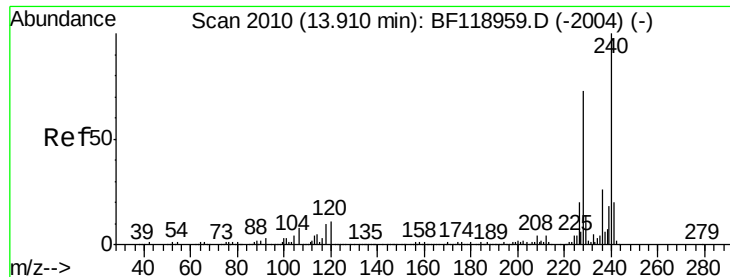


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

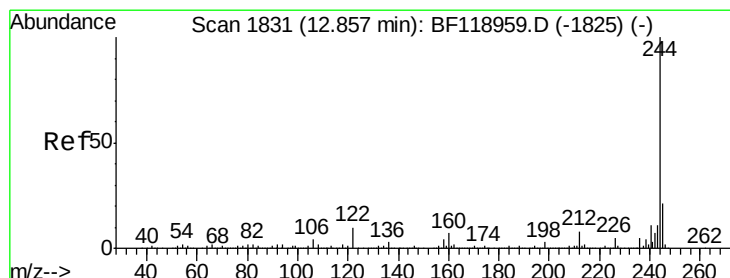
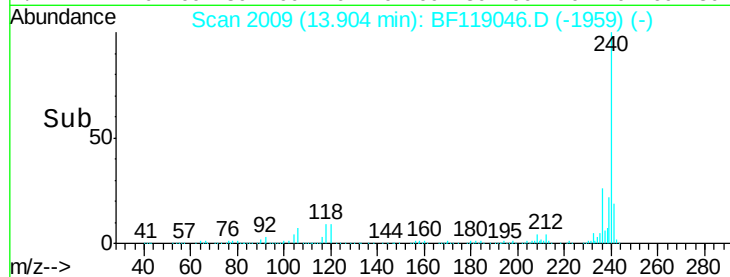
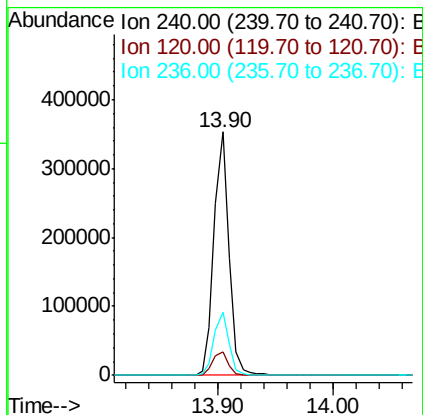
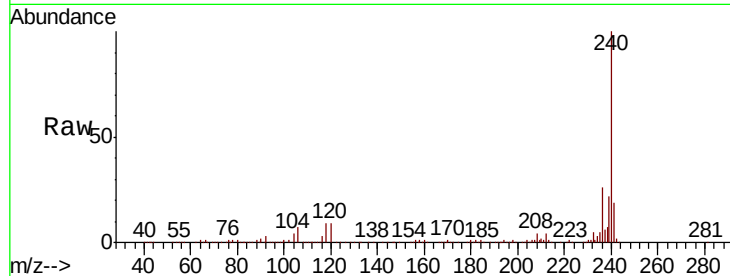




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF119046.D
 Acq: 25 Feb 2020 3:21

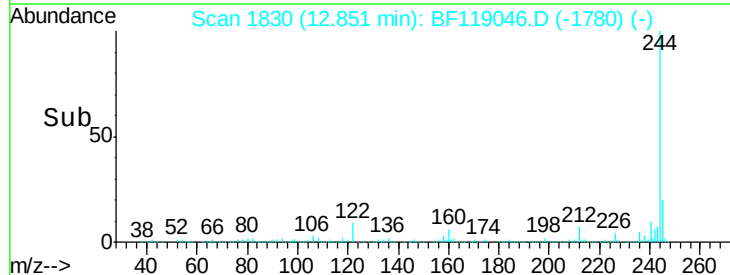
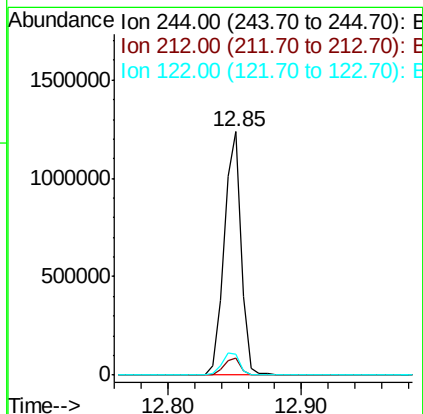
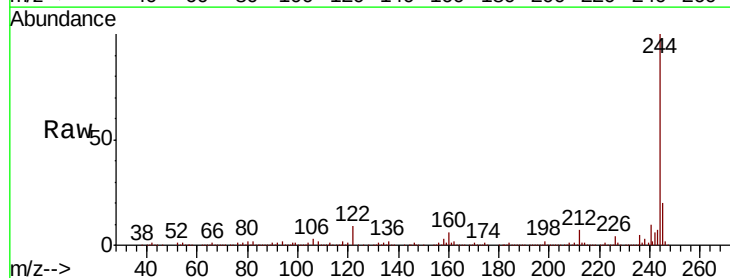
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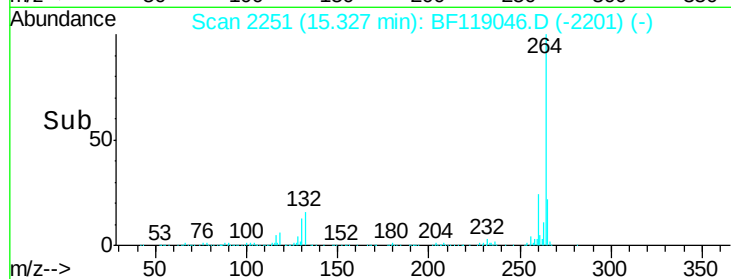
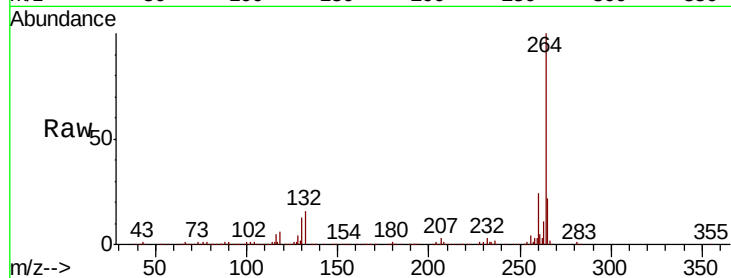
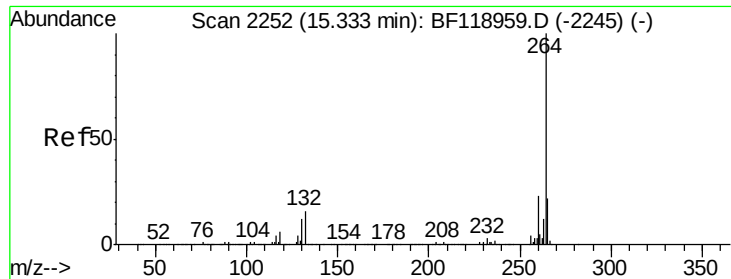
Tot Ion:240 Resp: 318901
 Ion Ratio Lower Upper
 240 100
 120 9.4 8.9 13.3
 236 25.8 20.6 30.8



#79
 Terphenyl-d14
 Concen: 60.073 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BF119046.D
 Acq: 25 Feb 2020 3:21

Tgt Ion:244 Resp: 1112722
 Ion Ratio Lower Upper
 244 100
 212 6.9 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: BF119046.D
 Acq: 25 Feb 2020 3:21

Instrument :
 BNA_F
 ClientSampleId :
 LIED-TS001-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	28.0
265	21.6	17.3	25.9

