

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022420\
 Data File : BF119029.D
 Acq On : 24 Feb 2020 19:03
 Operator : CG/JU
 Sample : L1650-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-2

Quant Time: Feb 25 01:01:24 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	154119	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	588973	20.00	ng	-0.01
39) Acenaphthene-d10	9.79	164	317090	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	561520	20.00	ng	0.00
76) Chrysene-d12	13.90	240	406006	20.00	ng	0.00
87) Perylene-d12	15.33	264	381319	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	951053	103.13	ng	0.00
7) Phenol-d6	6.40	99	1138345	101.49	ng	0.00
23) Nitrobenzene-d5	7.32	82	748158	67.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	399129	96.22	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1410251	65.52	ng	-0.01
79) Terphenyl-d14	12.85	244	1524272	64.64	ng	0.00

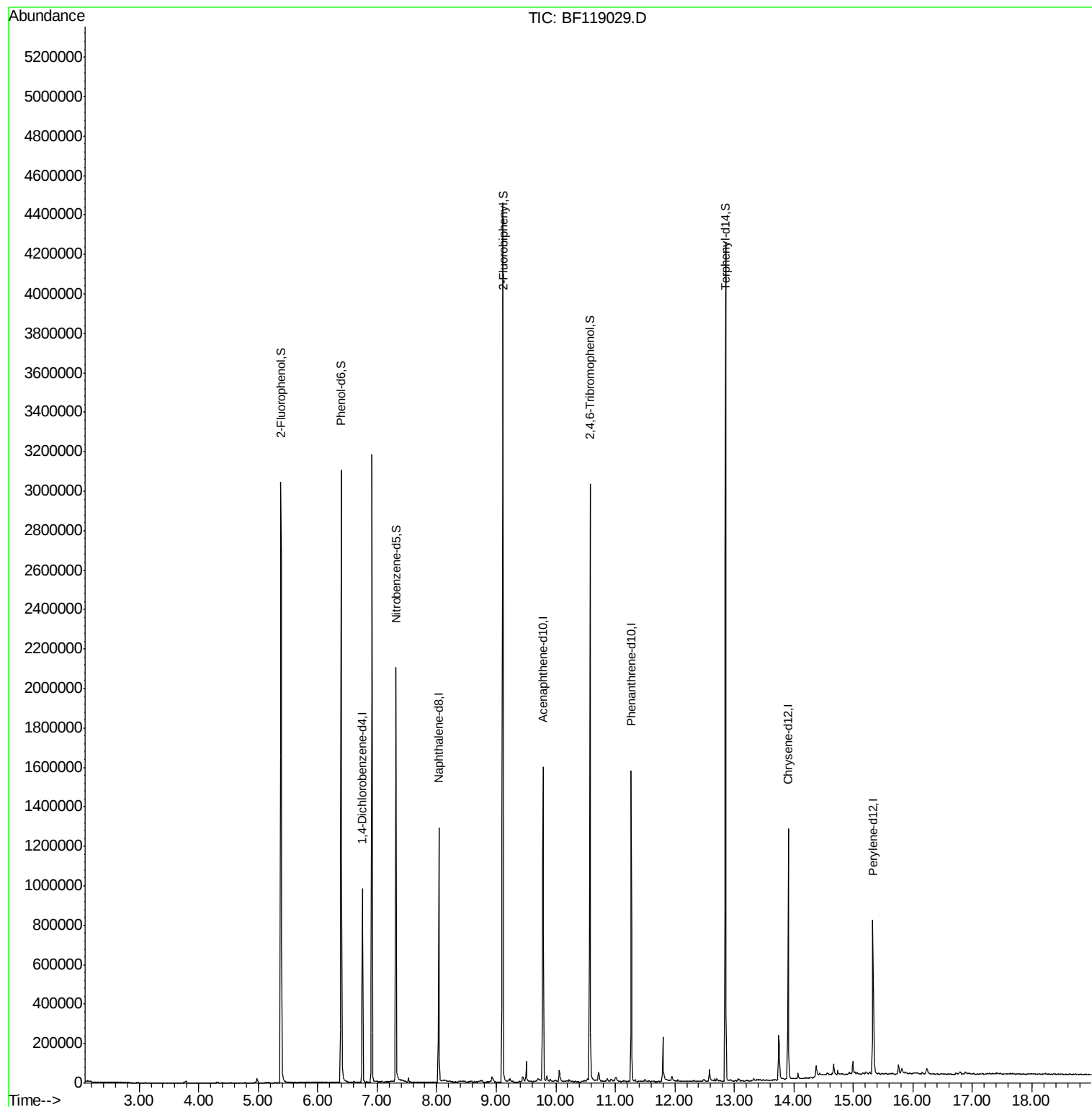
Target Compounds Qvalue

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

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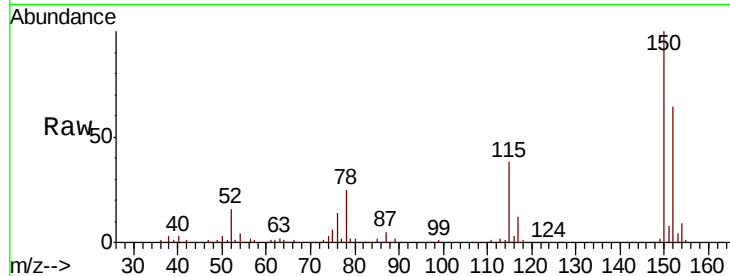


#1

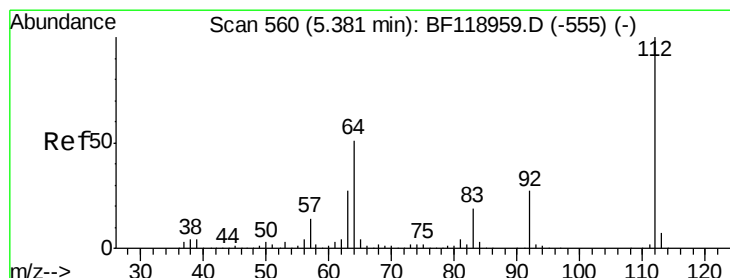
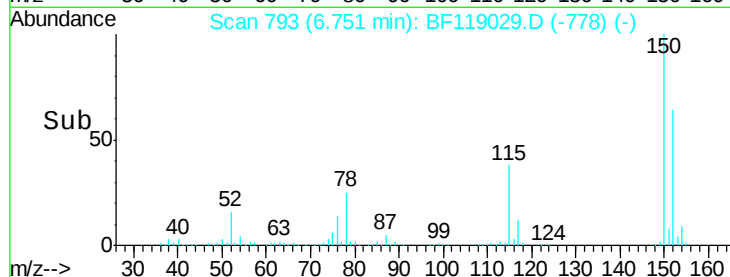
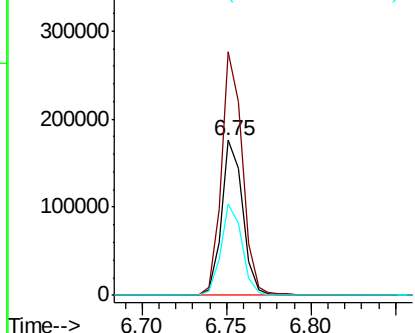
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BF119029.D
 Acq: 24 Feb 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 EP-2

Tot Ion:152 Resp: 154119
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.3 186.5
 115 59.2 44.6 67.0



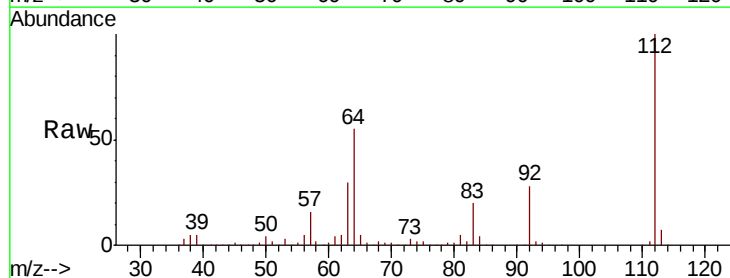
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



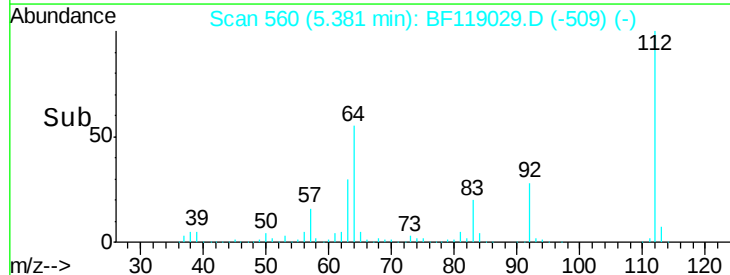
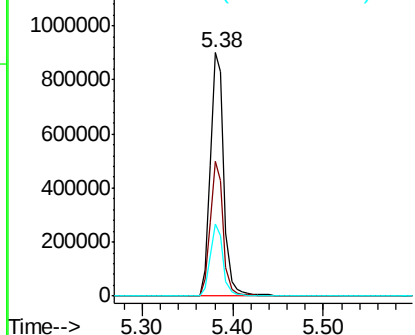
#5

2-Fluorophenol
 Concen: 103.127 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: BF119029.D
 Acq: 24 Feb 2020 19:03

Tgt Ion:112 Resp: 951053
 Ion Ratio Lower Upper
 112 100
 64 55.3 40.4 60.6
 63 29.7 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: 101.494 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF119029.D

Acq: 24 Feb 2020 19:03

Instrument :

BNA_F

ClientSampleId :

EP-2

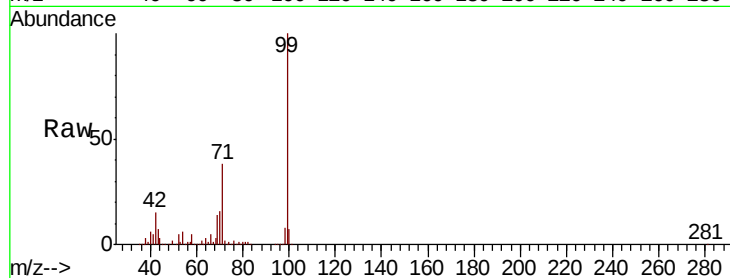
Tot Ion: 99 Resp: 1138345

Ion Ratio Lower Upper

99 100

42 14.9 11.4 17.0

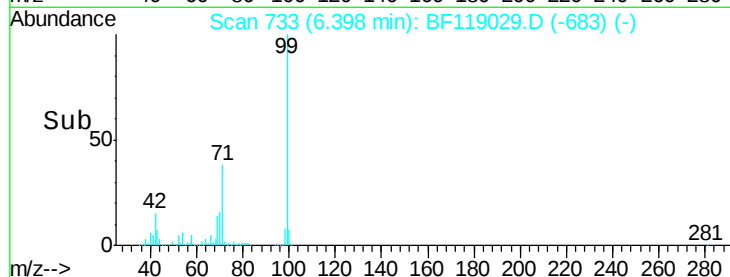
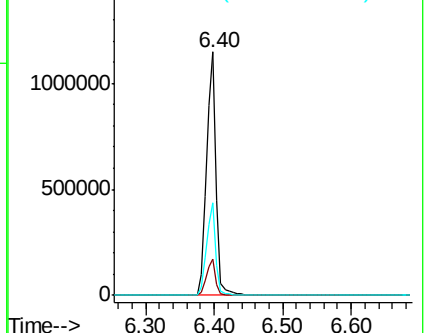
71 37.8 29.8 44.6



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: BF119029.D

Acq: 24 Feb 2020 19:03

Tgt Ion: 136 Resp: 588973

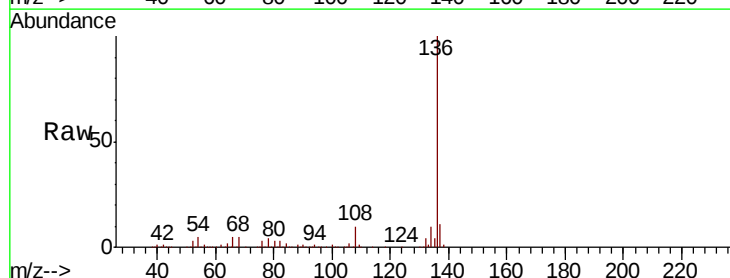
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 4.8 3.8 5.6

68 5.4 4.2 6.2

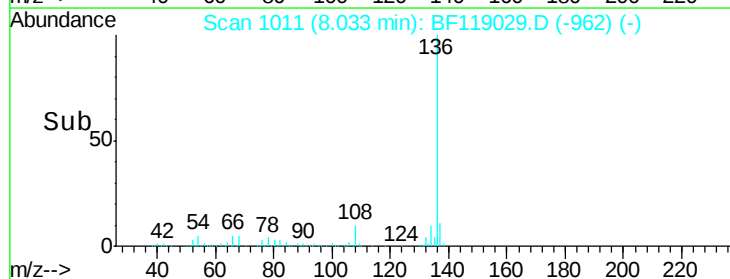
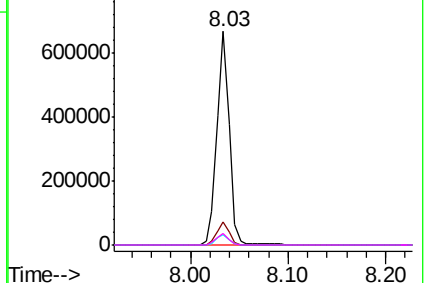


Abundance Ion 136.00 (135.70 to 136.70): E

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

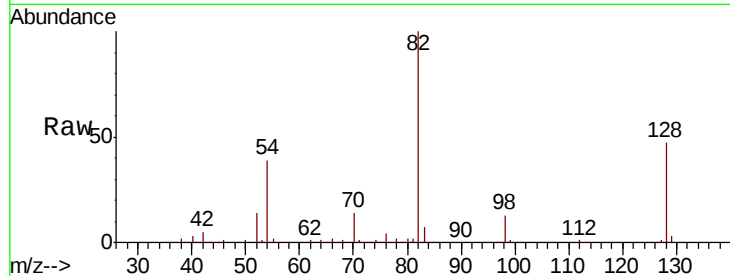




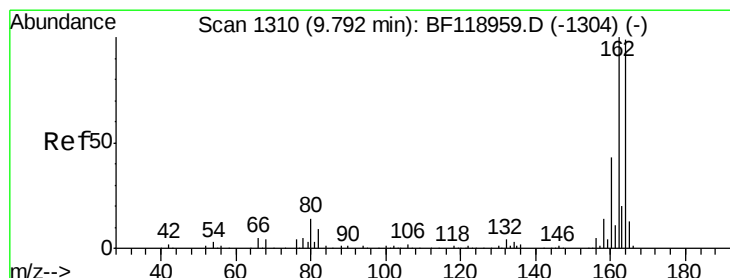
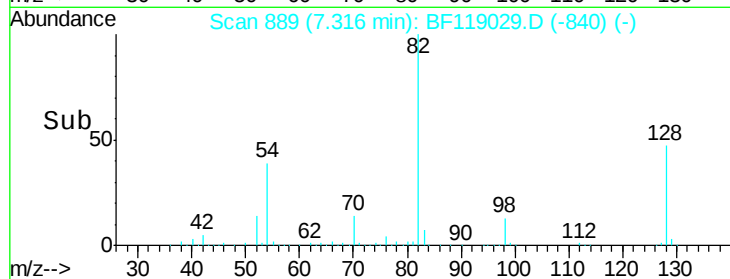
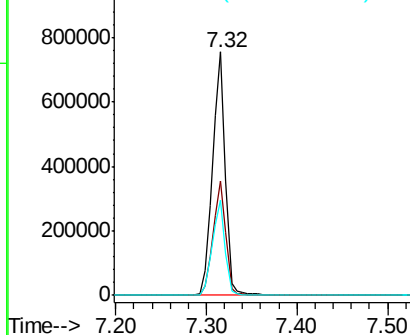
#23
Nitrobenzene-d5
Concen: 67.071 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

Instrument :
BNA_F
ClientSampled :
EP-2

Tot Ion: 82 Resp: 748158
Ion Ratio Lower Upper
82 100
128 46.8 38.2 57.2
54 39.3 31.3 46.9

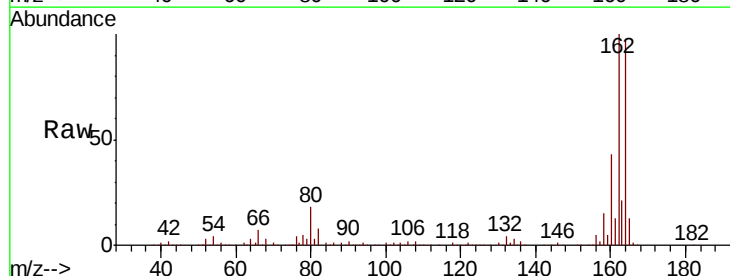


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

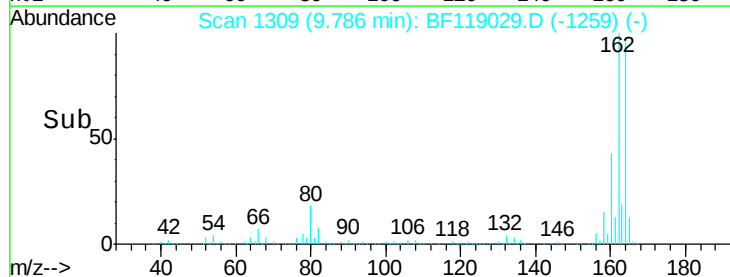
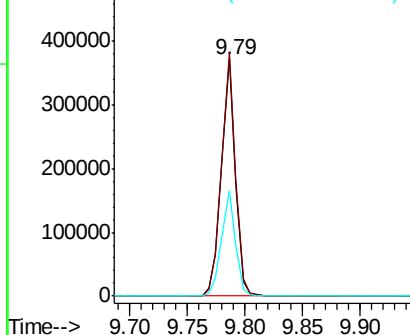


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

Tgt Ion: 164 Resp: 317090
Ion Ratio Lower Upper
164 100
162 102.7 81.2 121.8
160 44.7 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

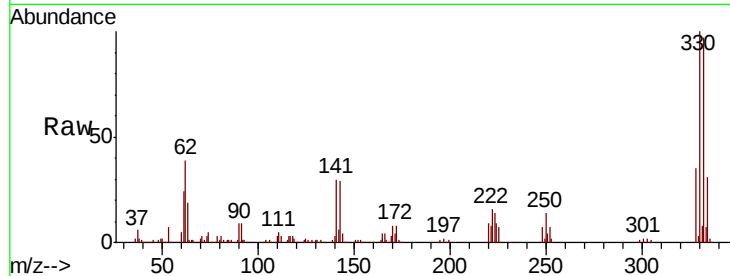




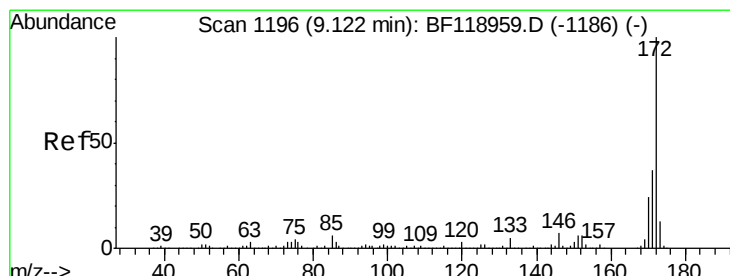
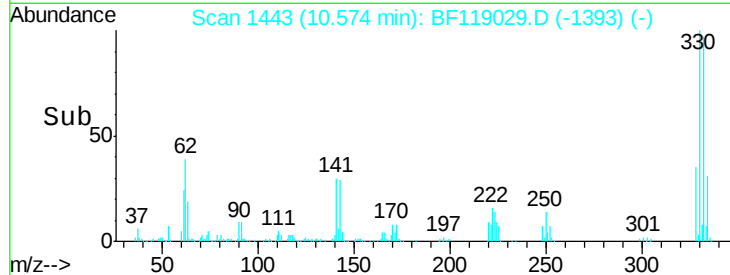
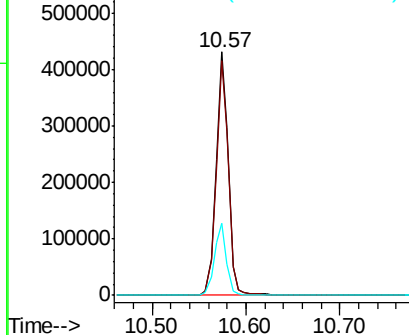
#42
 2,4,6-Tribromophenol
 Concen: 96.220 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF119029.D
 Acq: 24 Feb 2020 19:03

Instrument :
 BNA_F
 ClientSampleId :
 EP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	29.4	23.0	34.6

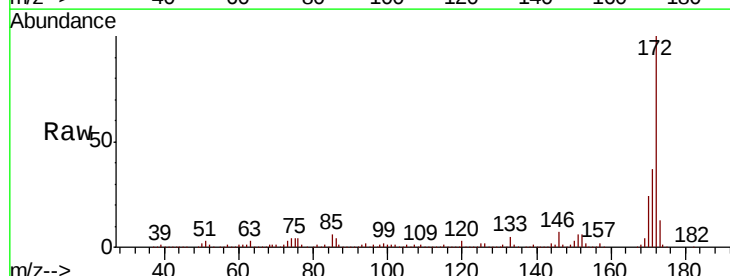


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

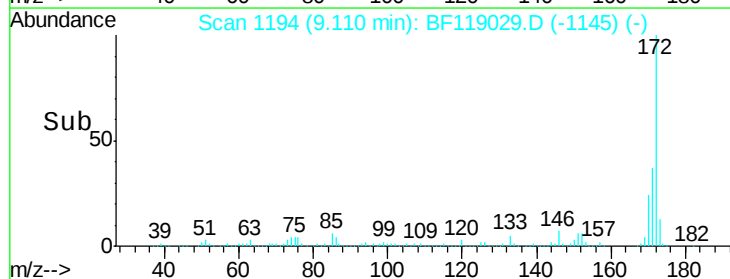
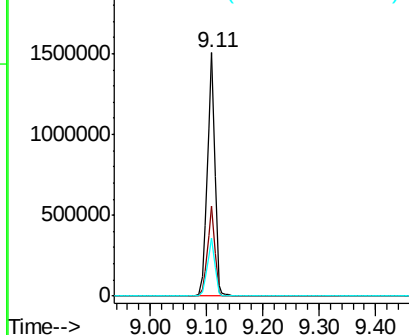


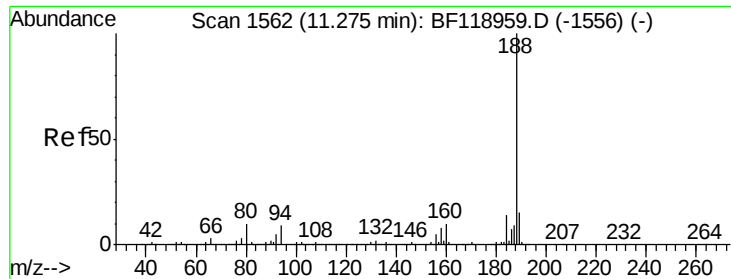
#45
 2-Fluorobiphenyl
 Concen: 65.519 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF119029.D
 Acq: 24 Feb 2020 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.2
170	24.0	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

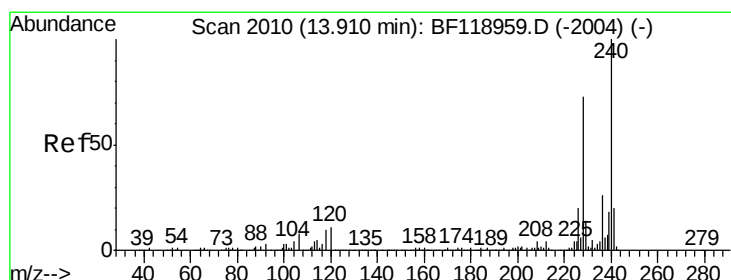
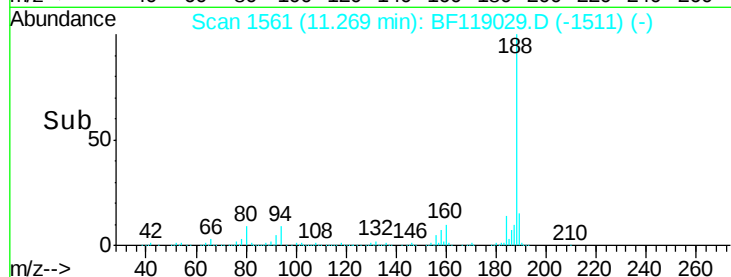
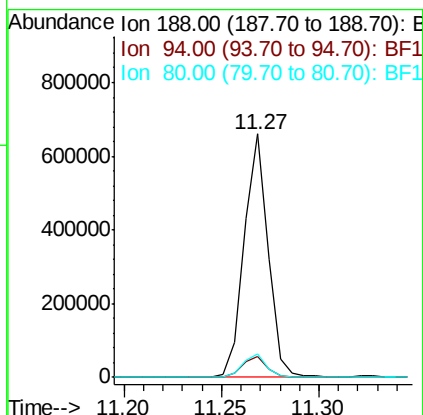
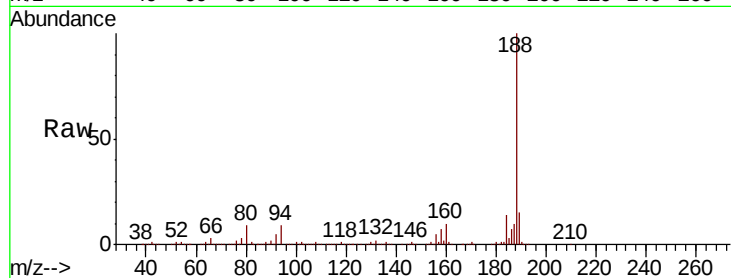




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

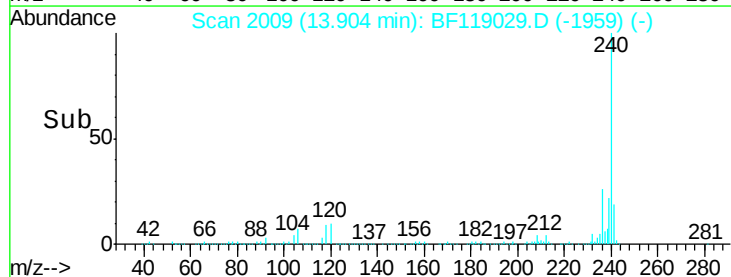
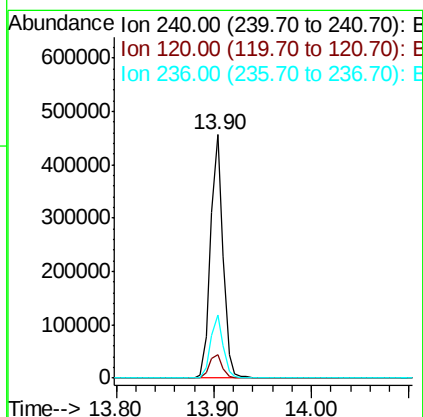
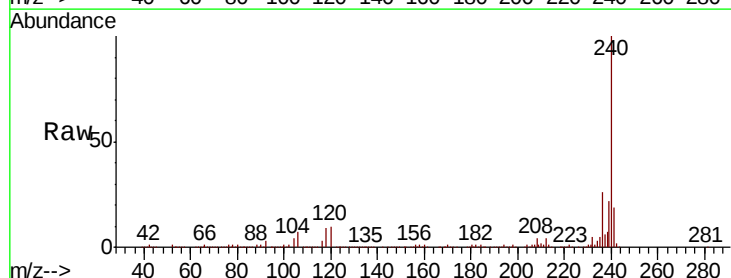
Instrument :
BNA_F
ClientSampleId :
EP-2

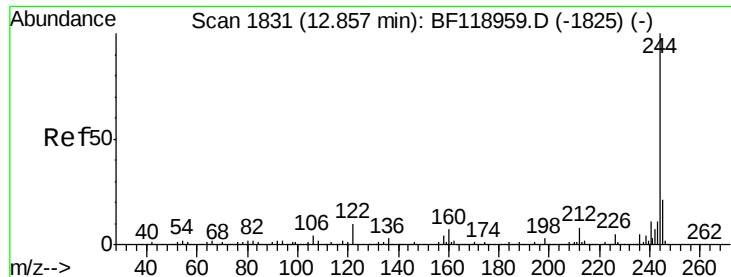
Tot Ion:188 Resp: 561520
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.6
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF119029.D
Acq: 24 Feb 2020 19:03

Tgt Ion:240 Resp: 406006
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 26.1 20.6 30.8





#79

Terphenyl-d14

Concen: 64.637 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF119029.D

Acq: 24 Feb 2020 19:03

Instrument :

BNA_F

ClientSampleId :

EP-2

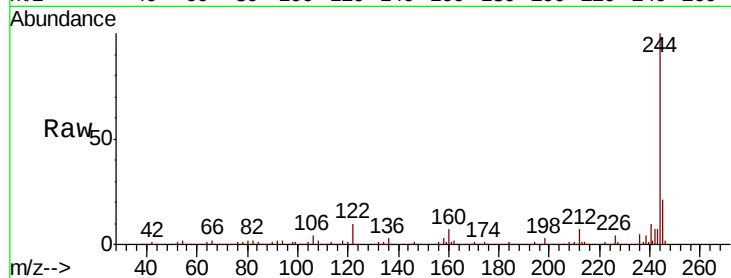
Tot Ion:244 Resp: 1524272

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

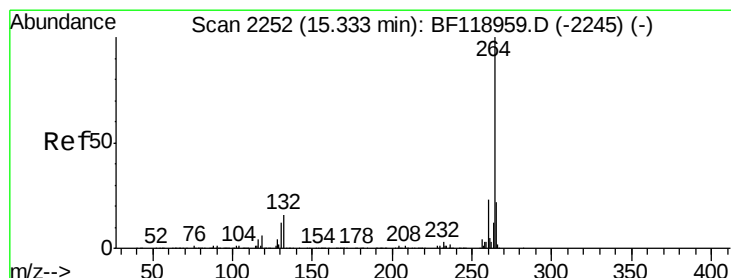
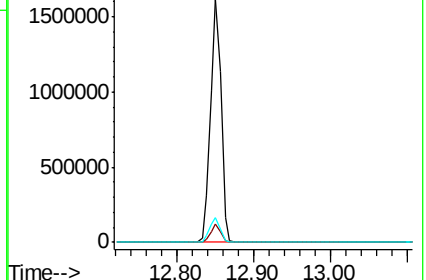
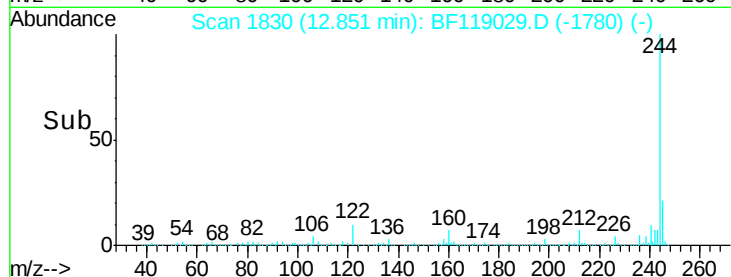
122 10.4 8.4 12.6



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BF119029.D

Acq: 24 Feb 2020 19:03

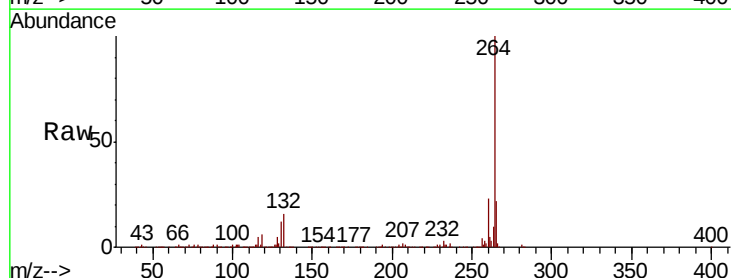
Tgt Ion:264 Resp: 381319

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 22.1 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

