

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113439.D
 Acq On : 30 Mar 2019 4:31
 Operator : JU/SJ
 Sample : K1698-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-032819

Quant Time: Mar 30 05:43:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	167406	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	635376	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	302248	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	590453	20.00	ng	0.00
76) Chrysene-d12	13.84	240	567316	20.00	ng	0.00
87) Perylene-d12	15.24	264	466429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	979805	95.70	ng	0.01
7) Phenol-d6	6.36	99	1120185	86.49	ng	0.00
23) Nitrobenzene-d5	7.27	82	881755	82.37	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	454208	121.66	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1665409	86.72	ng	0.00
79) Terphenyl-d14	12.80	244	1843261	71.62	ng	0.00

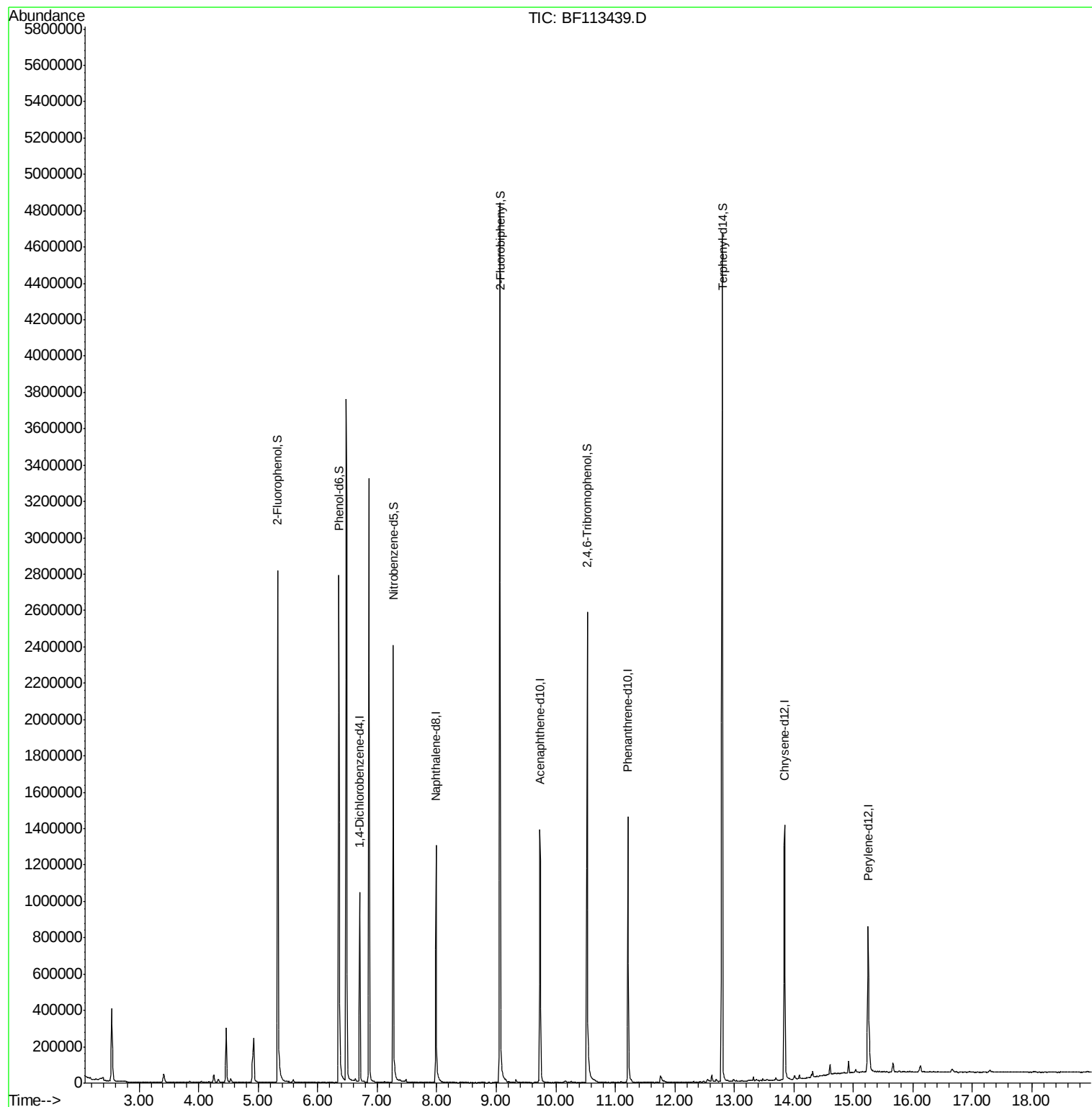
Target Compounds Qvalue

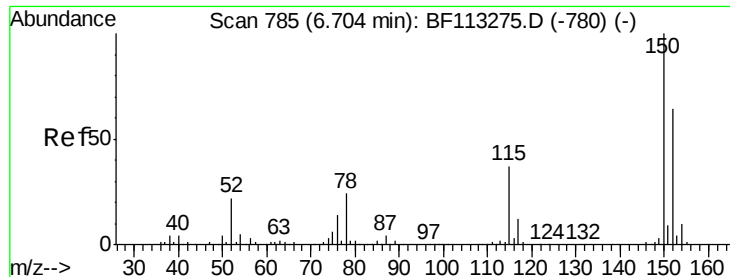
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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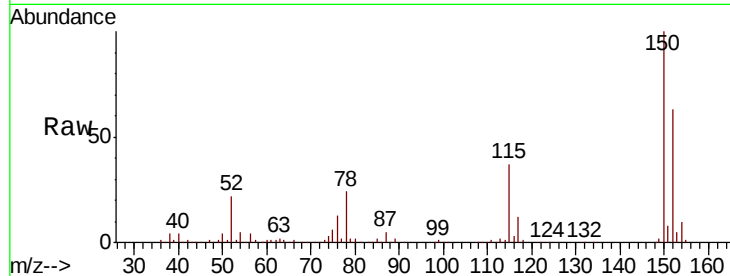


#1

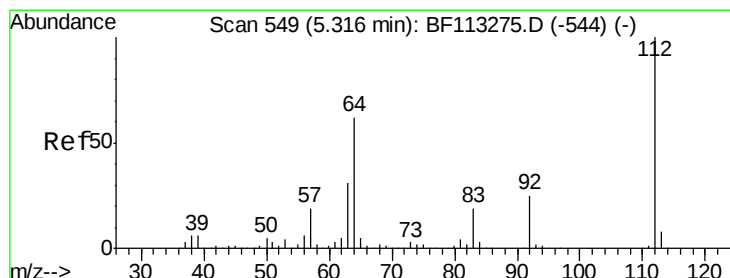
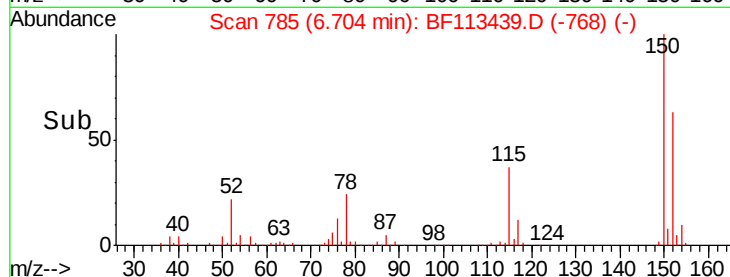
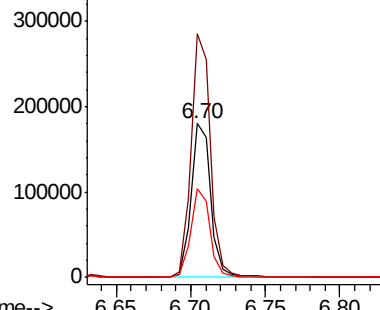
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF113439.D
 Acq: 30 Mar 2019 4:31

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-032819

Tot Ion:152 Resp: 167406
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.7 187.1
 115 57.8 46.0 69.0



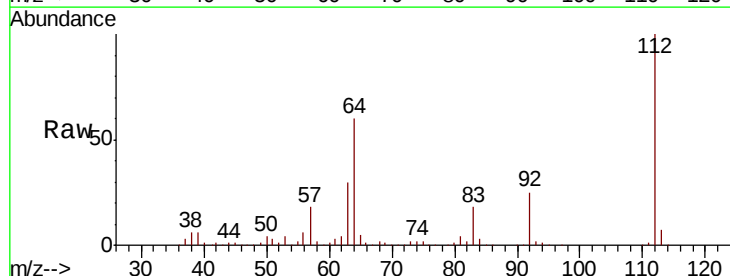
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



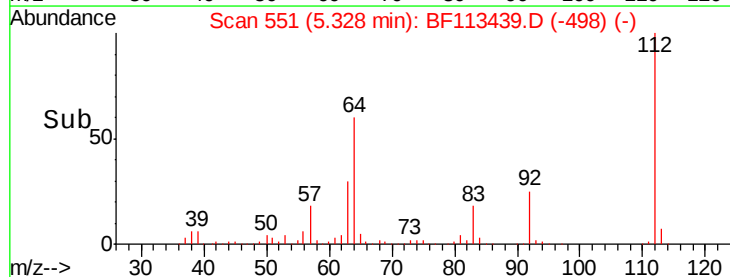
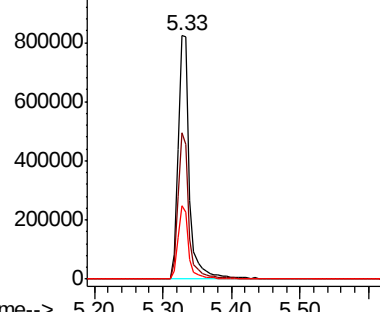
#5

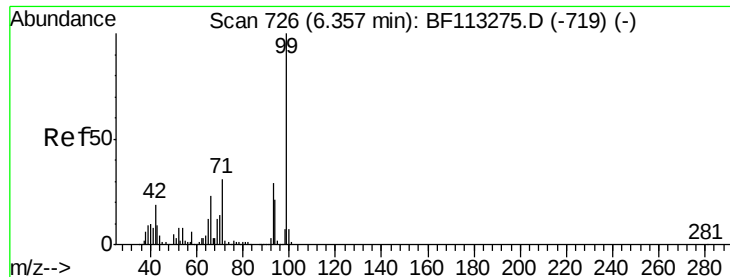
2-Fluorophenol
 Concen: 95.701 ng
 RT: 5.33 min Scan# 551
 Delta R.T. 0.01 min
 Lab File: BF113439.D
 Acq: 30 Mar 2019 4:31

Tgt Ion:112 Resp: 979805
 Ion Ratio Lower Upper
 112 100
 64 59.9 49.2 73.8
 63 30.1 24.9 37.3



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: 86.489 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

Instrument :

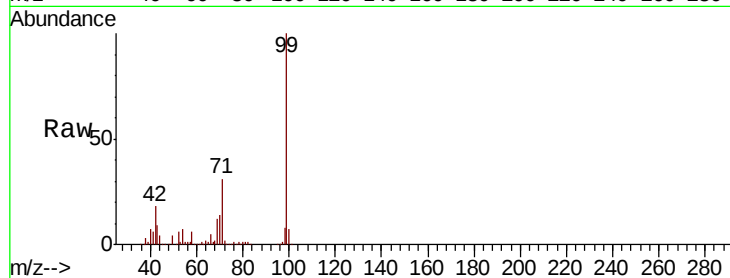
BNA_F

ClientSampled :

TR-05-032819

Tot Ion: 99 Resp: 1120185

Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.8	22.2
71	31.1	24.9	37.3

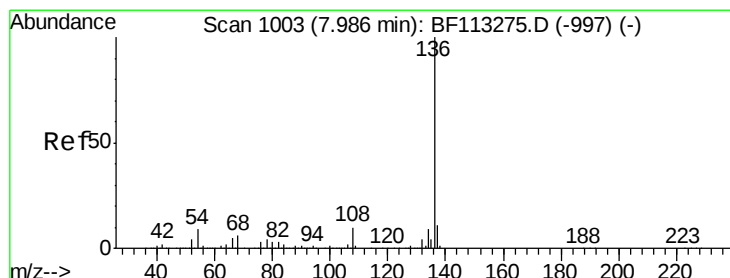
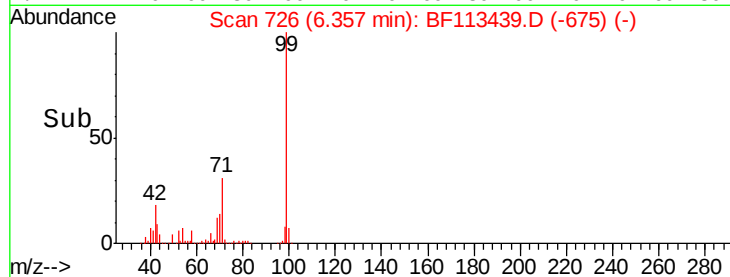


Abundance

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: 7.99 min Scan# 1003

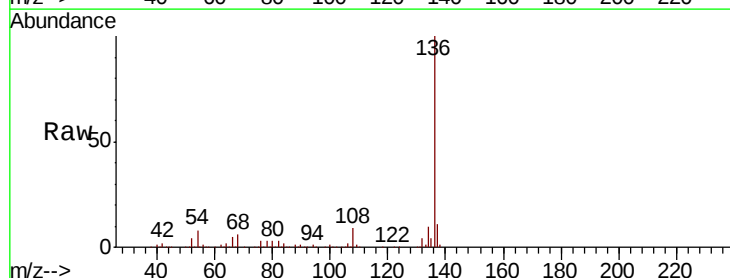
Delta R.T. -0.00 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

Tgt Ion: 136 Resp: 635376

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.9	7.0	10.6
68	6.4	4.8	7.2



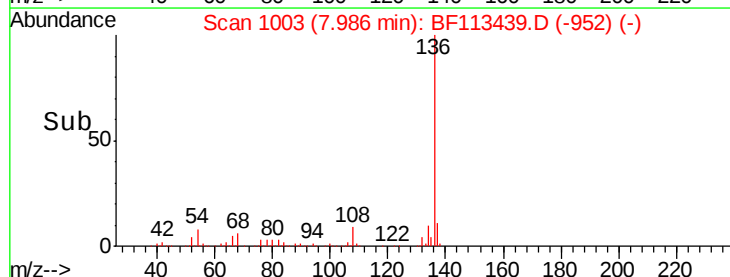
Abundance

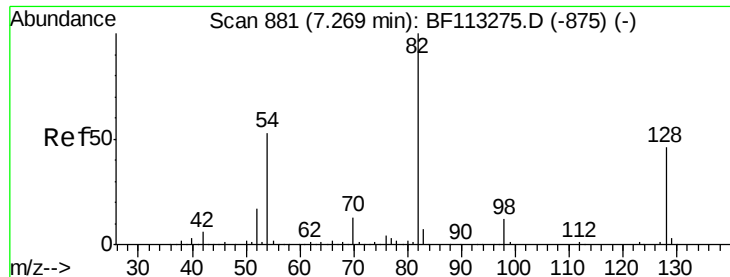
Ion 136.00 (135.70 to 136.70): E

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

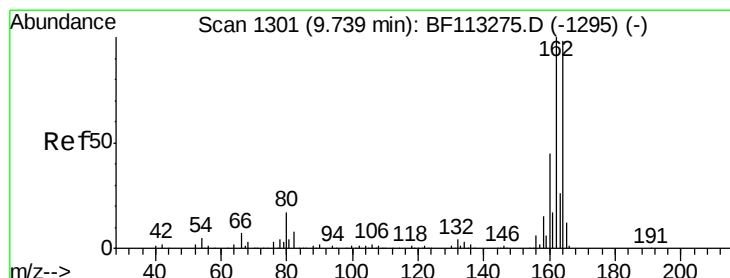
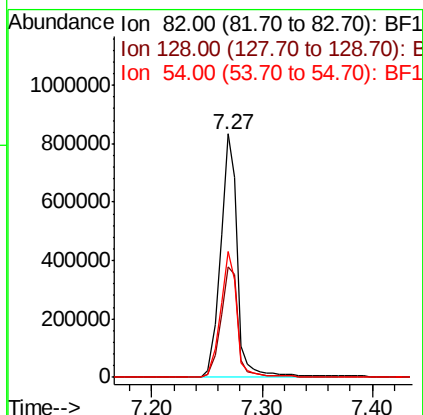
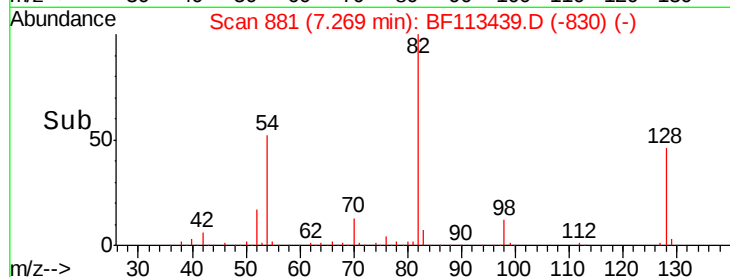
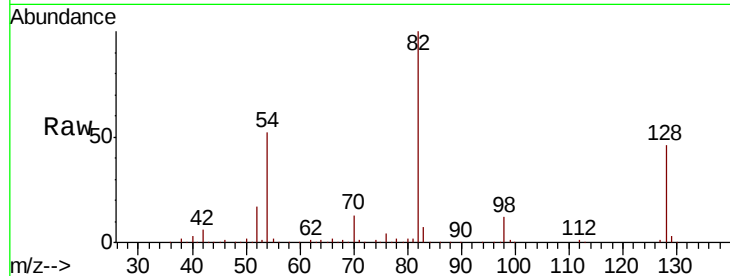




#23
 Nitrobenzene-d5
 Concen: 82.370 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113439.D
 Acq: 30 Mar 2019 4:31

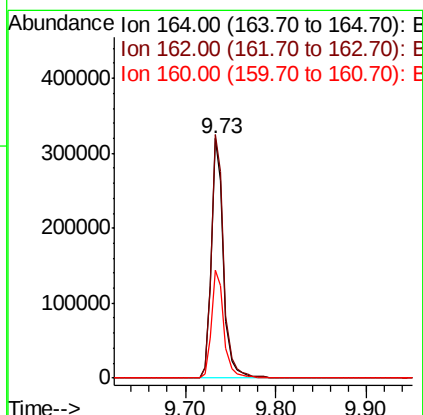
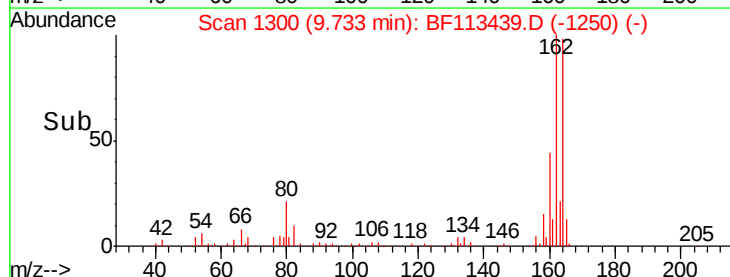
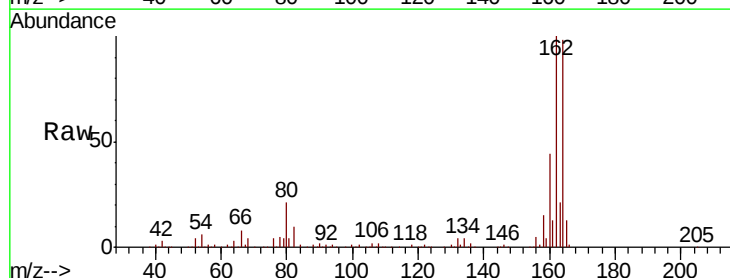
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-032819

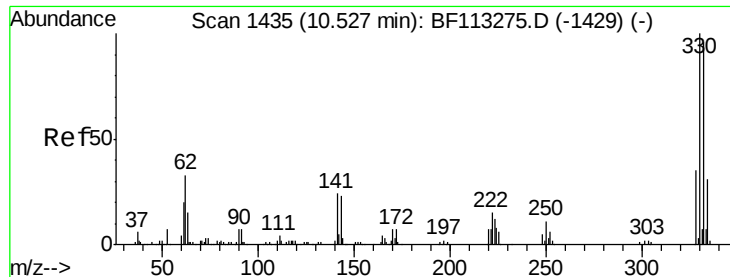
Tot Ion: 82 Resp: 881755
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.5 54.7
 54 51.7 42.2 63.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF113439.D
 Acq: 30 Mar 2019 4:31

Tgt Ion:164 Resp: 302248
 Ion Ratio Lower Upper
 164 100
 162 101.8 81.8 122.6
 160 45.3 36.4 54.6

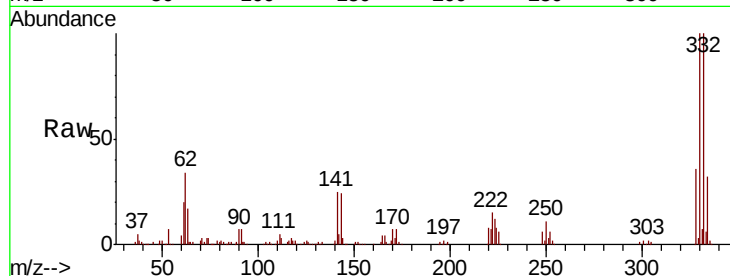




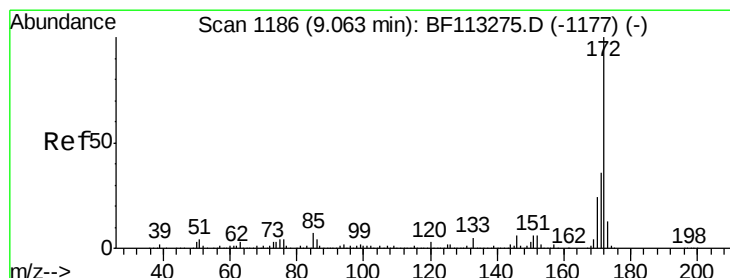
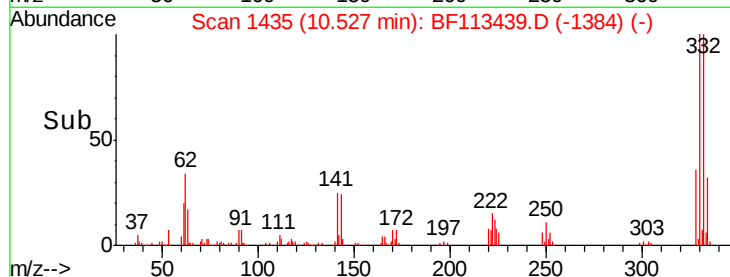
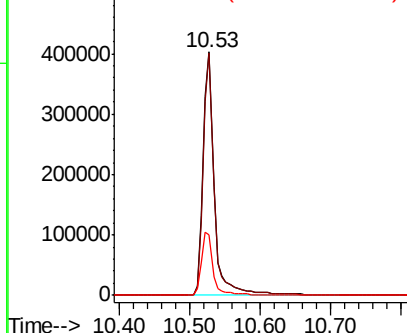
#42
 2,4,6-Tribromophenol
 Concen: 121.659 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF113439.D
 Acq: 30 Mar 2019 4:31

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-032819

Tot Ion:330 Resp: 454208
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.8 116.6
 141 27.6 22.7 34.1

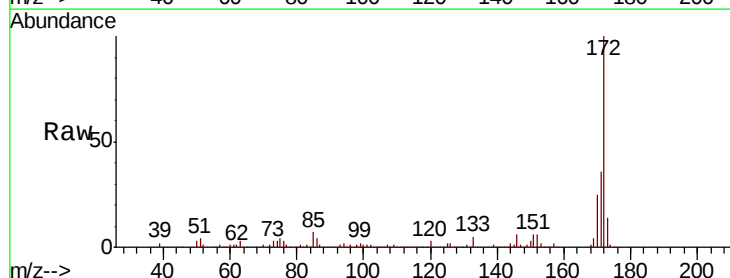


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

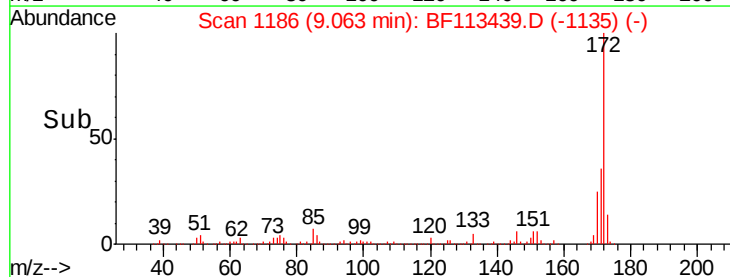
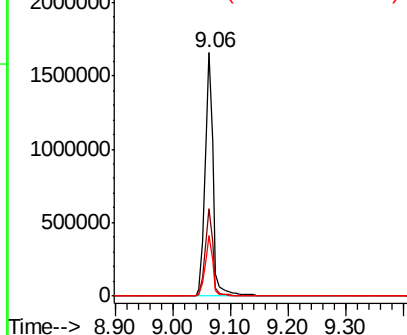


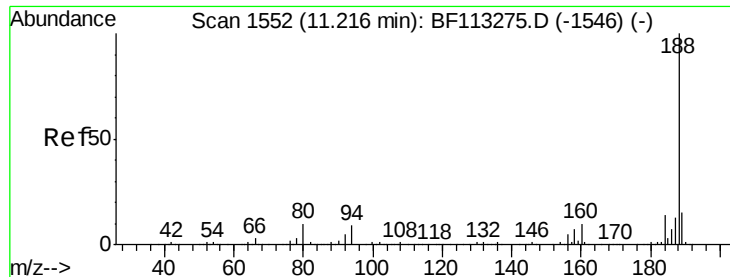
#45
 2-Fluorobiphenyl
 Concen: 86.719 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113439.D
 Acq: 30 Mar 2019 4:31

Tgt Ion:172 Resp: 1665409
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.6
 170 24.9 19.5 29.3



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

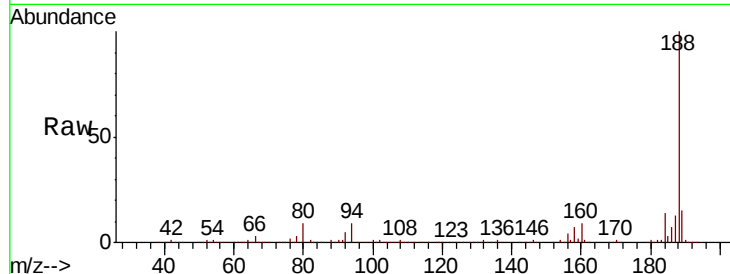




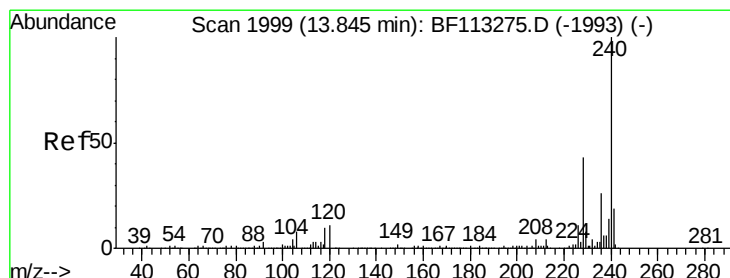
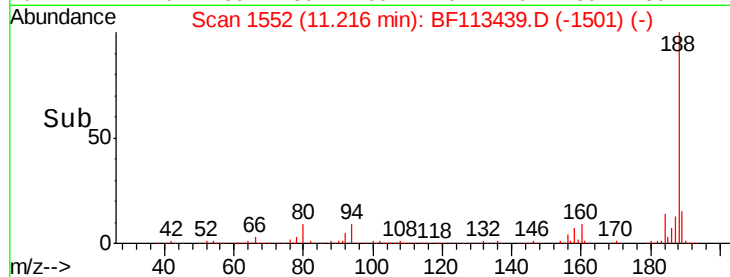
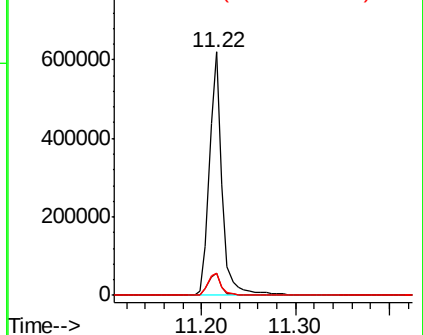
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF113439.D
Acq: 30 Mar 2019 4:31

Instrument :
BNA_F
ClientSampleId :
TR-05-032819

Tot Ion:188 Resp: 590453
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.3 7.7 11.5

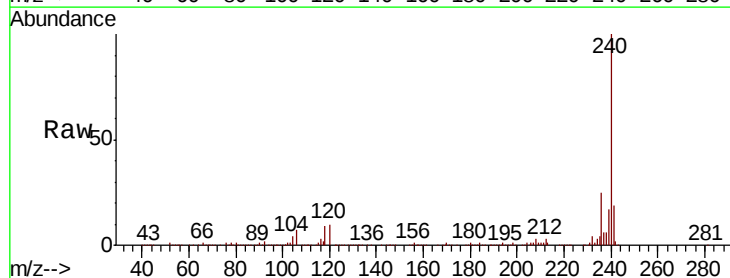


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

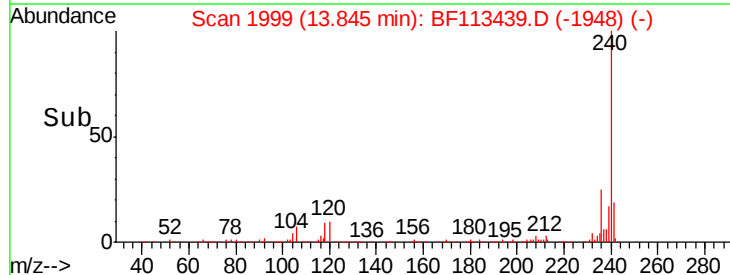
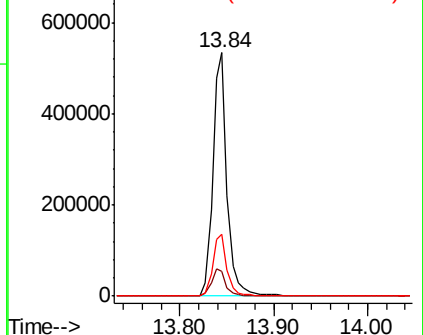


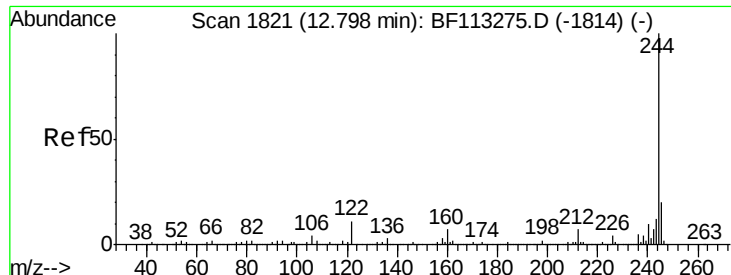
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF113439.D
Acq: 30 Mar 2019 4:31

Tgt Ion:240 Resp: 567316
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 25.5 20.9 31.3



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: 71.615 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

Instrument :

BNA_F

ClientSampleId :

TR-05-032819

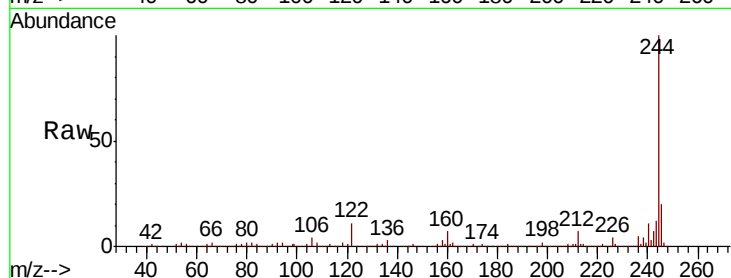
Tot Ion:244 Resp: 1843261

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

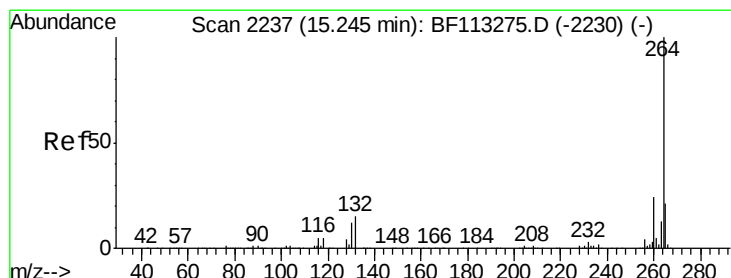
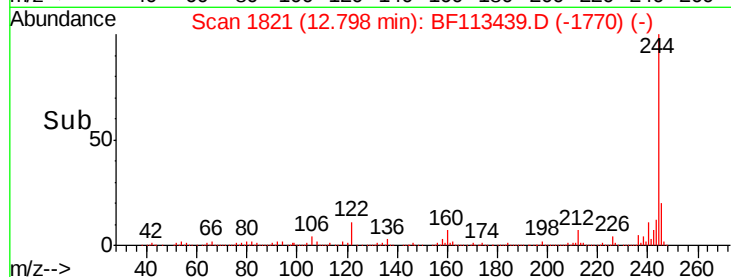
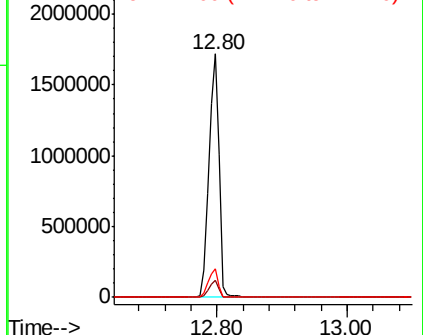
122 11.5 8.6 13.0



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: 15.24 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BF113439.D

Acq: 30 Mar 2019 4:31

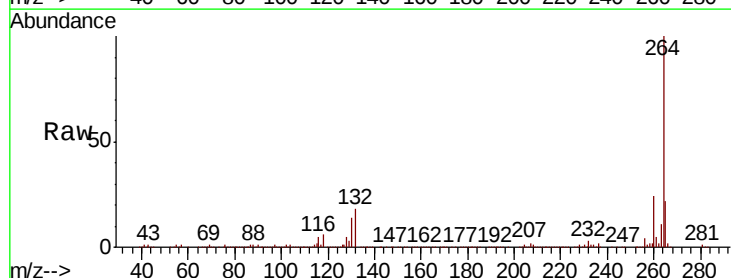
Tgt Ion:264 Resp: 466429

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.7 17.1 25.7



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

