

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032919\
 Data File : BF113427.D
 Acq On : 29 Mar 2019 21:49
 Operator : JU/SJ
 Sample : K1685-09 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-032819-A

Quant Time: Mar 30 02:32:50 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	147878	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	577825	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	278361	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	532946	20.00	ng	0.00
76) Chrysene-d12	13.84	240	479759	20.00	ng	0.00
87) Perylene-d12	15.24	264	456700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	464172	51.32	ng	0.00
7) Phenol-d6	6.35	99	621031	54.28	ng	-0.01
23) Nitrobenzene-d5	7.26	82	361609	37.14	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	163608	47.58	ng	-0.01
45) 2-Fluorobiphenyl	9.06	172	630728	22.56	ng	0.00
79) Terphenyl-d14	12.79	244	618843	28.43	ng	0.00

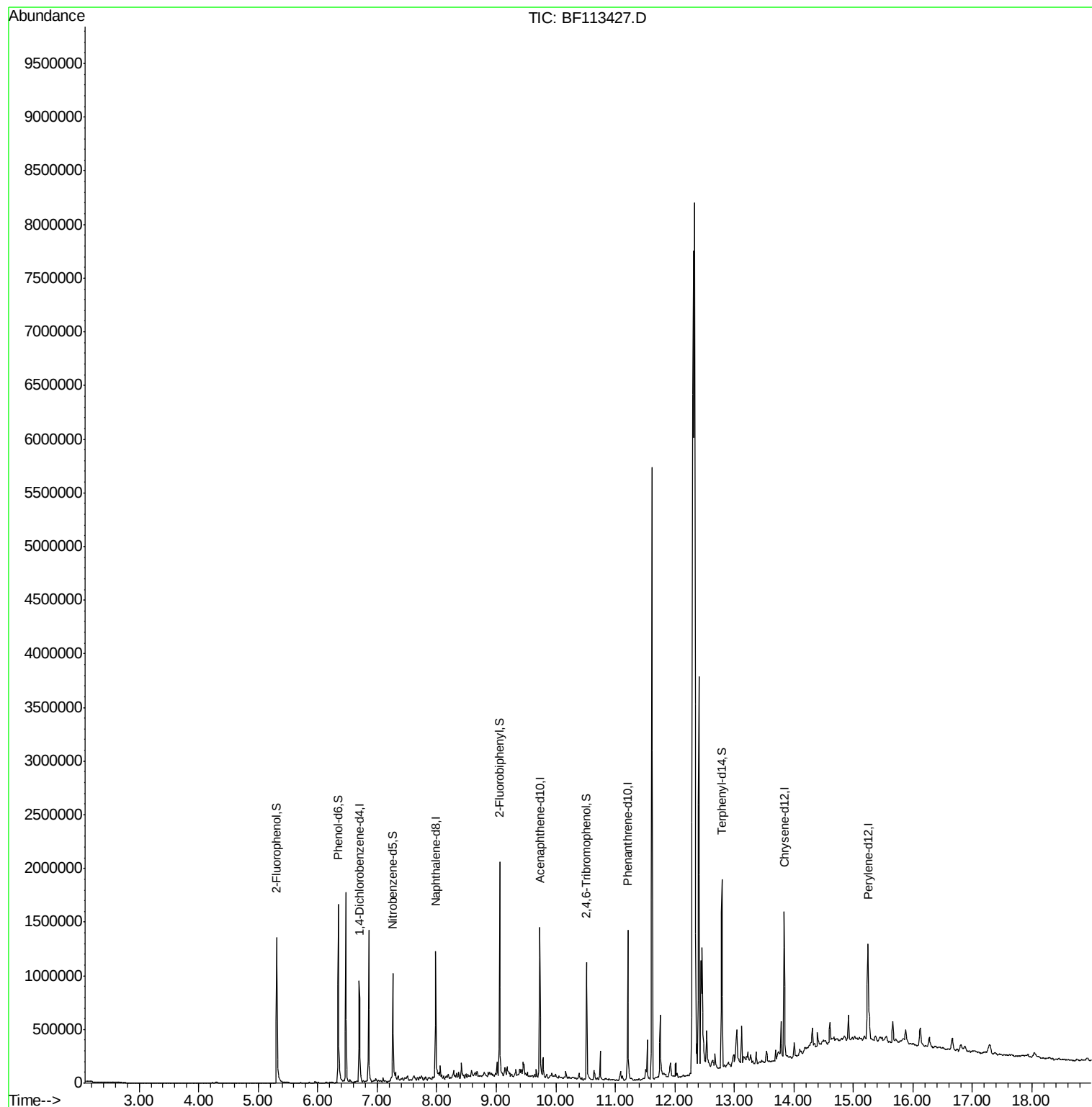
Target Compounds Qvalue

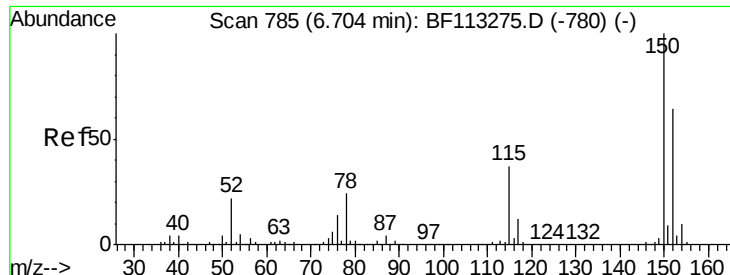
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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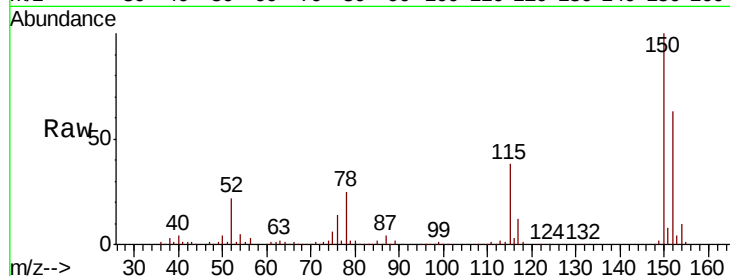


#1

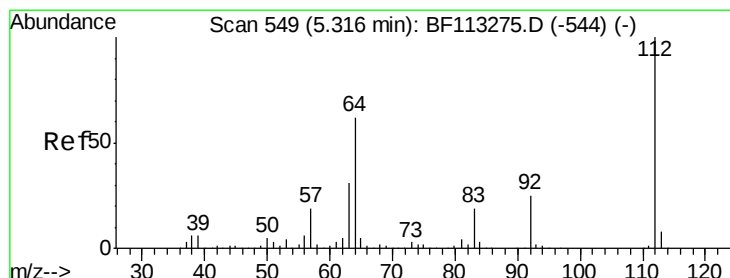
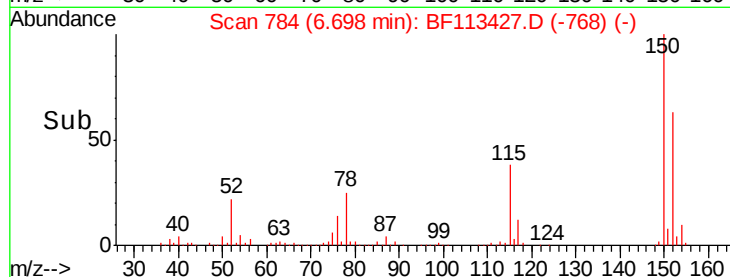
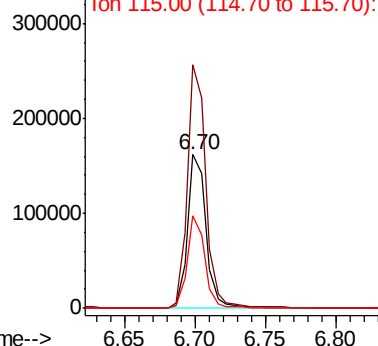
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113427.D
 Acq: 29 Mar 2019 21:49

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-032819-A

Tot Ion:152 Resp: 147878
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.7 187.1
 115 60.2 46.0 69.0



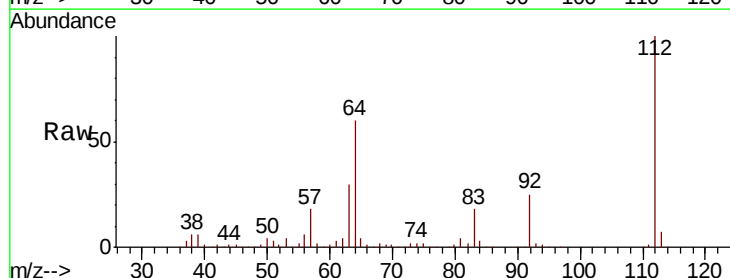
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



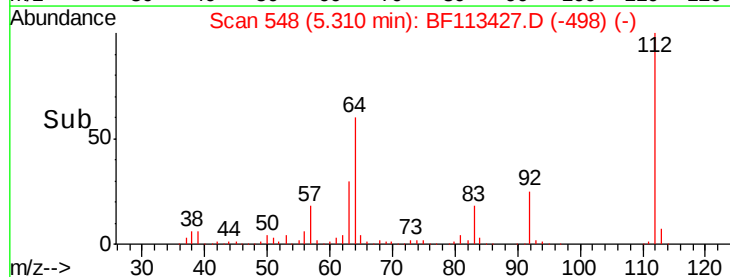
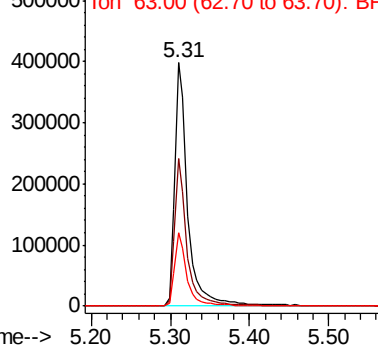
#5

2-Fluorophenol
 Concen: 51.325 ng
 RT: 5.31 min Scan# 548
 Delta R.T. -0.01 min
 Lab File: BF113427.D
 Acq: 29 Mar 2019 21:49

Tgt Ion:112 Resp: 464172
 Ion Ratio Lower Upper
 112 100
 64 60.5 49.2 73.8
 63 30.3 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: 54.281 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113427.D

Acq: 29 Mar 2019 21:49

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-A

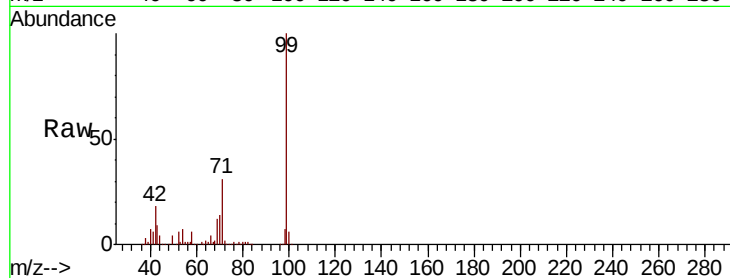
Tot Ion: 99 Resp: 621031

Ion Ratio Lower Upper

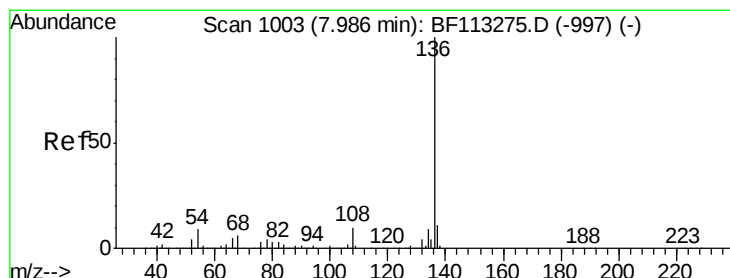
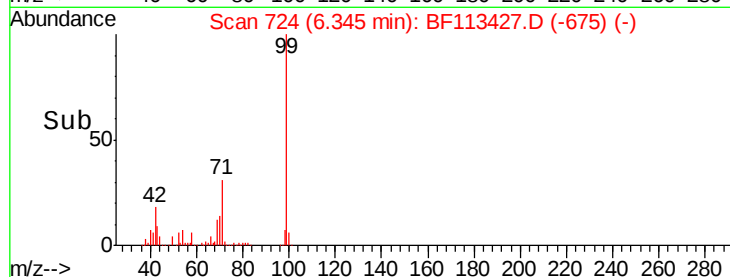
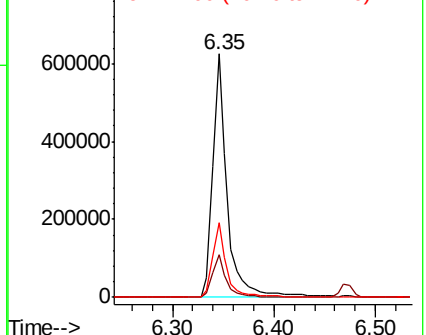
99 100

42 17.6 14.8 22.2

71 30.5 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF113427.D

Acq: 29 Mar 2019 21:49

Tgt Ion: 136 Resp: 577825

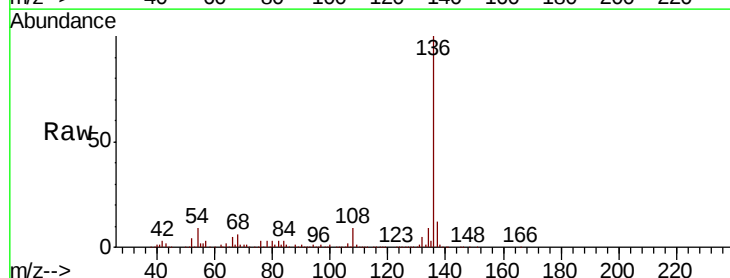
Ion Ratio Lower Upper

136 100

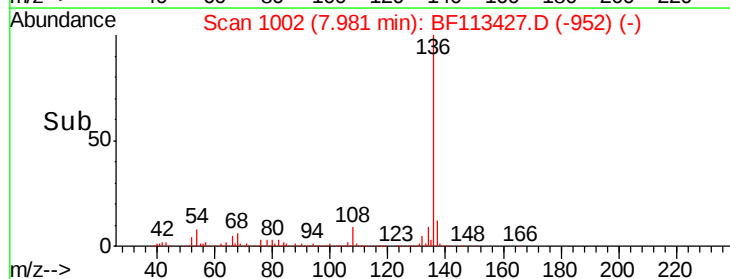
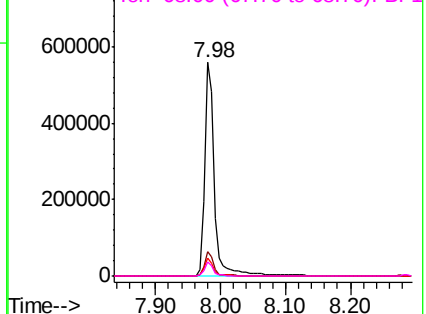
137 11.6 8.9 13.3

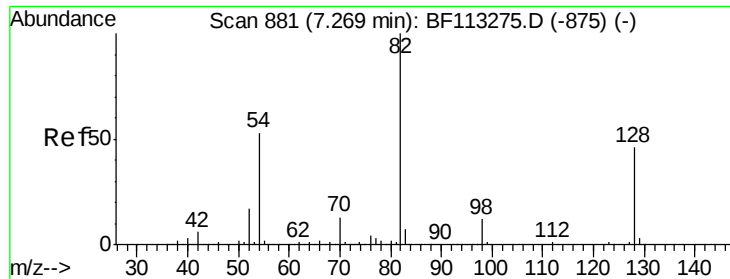
54 8.5 7.0 10.6

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

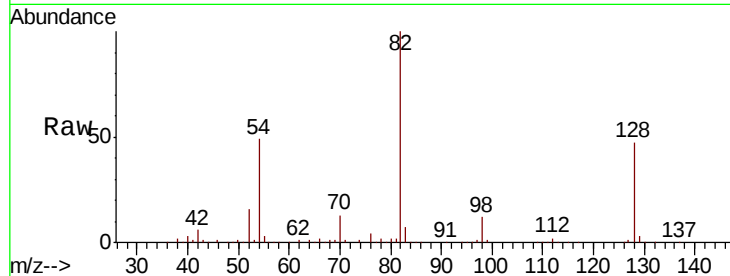




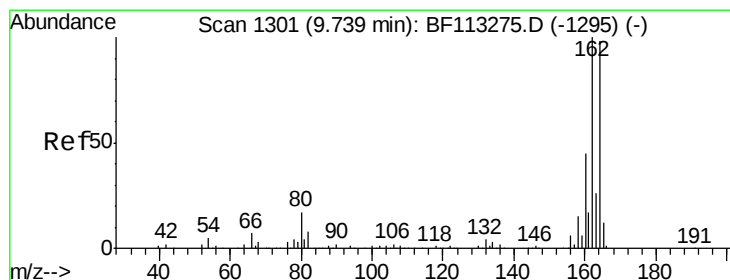
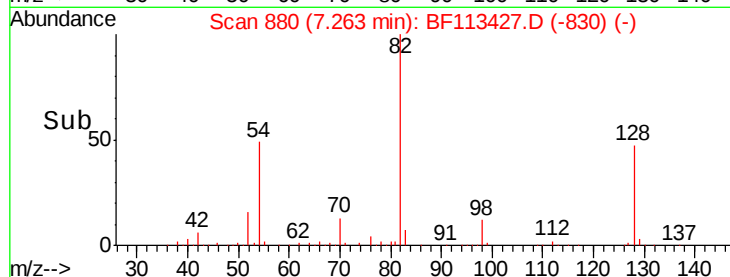
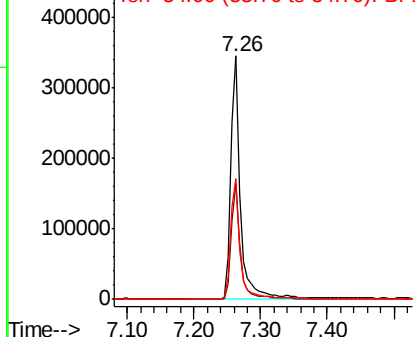
#23
Nitrobenzene-d5
Concen: 37.144 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113427.D
Acq: 29 Mar 2019 21:49

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-A

Tot Ion	82	Resp	361609
Ion Ratio	Lower	Upper	
82	100		
128	47.5	36.5	54.7
54	49.5	42.2	63.2

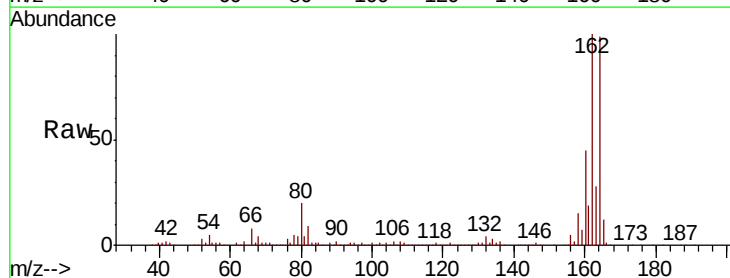


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

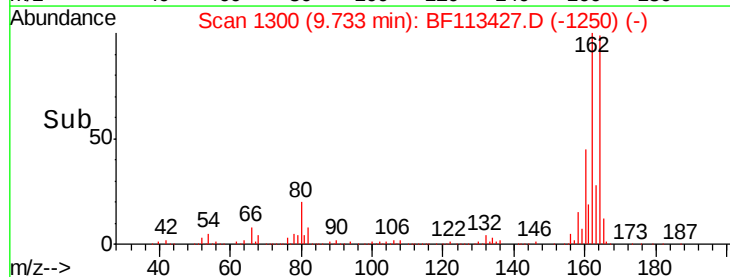
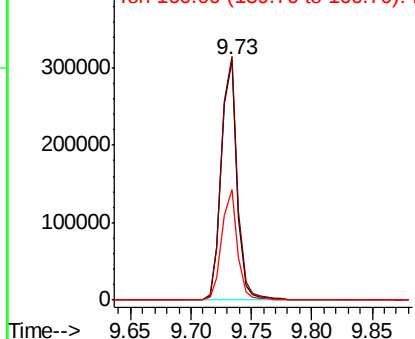


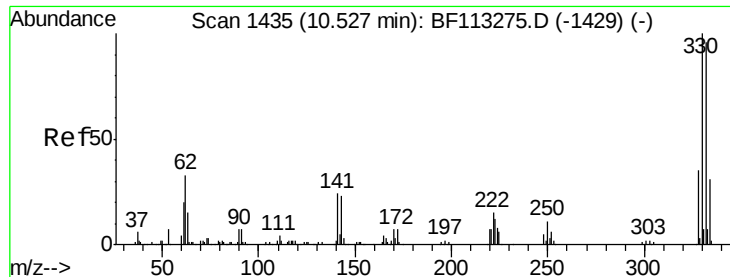
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF113427.D
Acq: 29 Mar 2019 21:49

Tgt Ion	164	Resp	278361
Ion Ratio	Lower	Upper	
164	100		
162	101.5	81.8	122.6
160	45.9	36.4	54.6



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

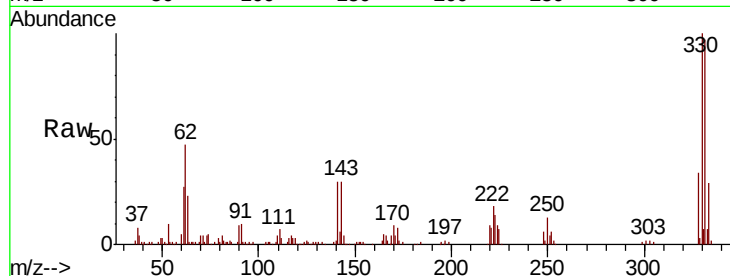




#42
 2,4,6-Tribromophenol
 Concen: 47.583 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF113427.D
 Acq: 29 Mar 2019 21:49

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-032819-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	28.6	22.7	34.1

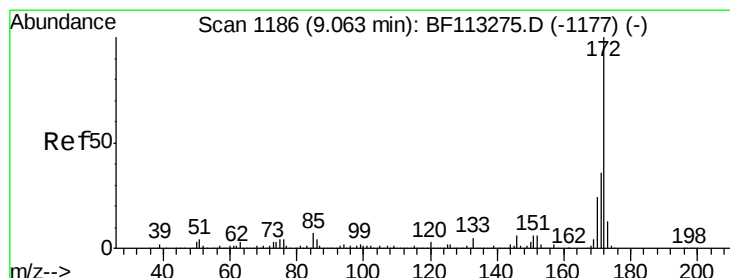
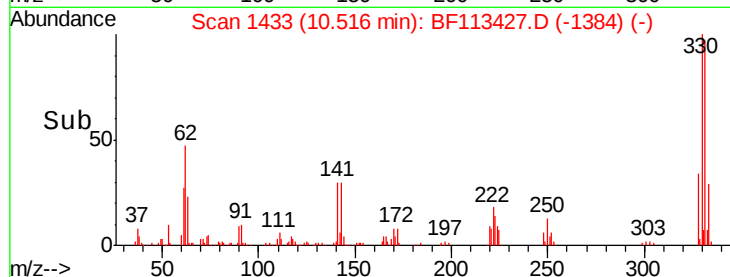
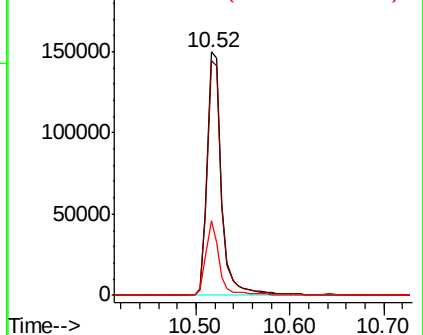


Abundance

Ion 329.80 (329.50 to 330.50): E

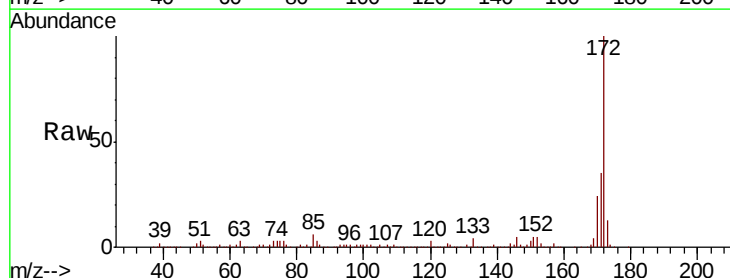
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 22.558 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF113427.D
 Acq: 29 Mar 2019 21:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.0	43.6
170	23.6	19.5	29.3

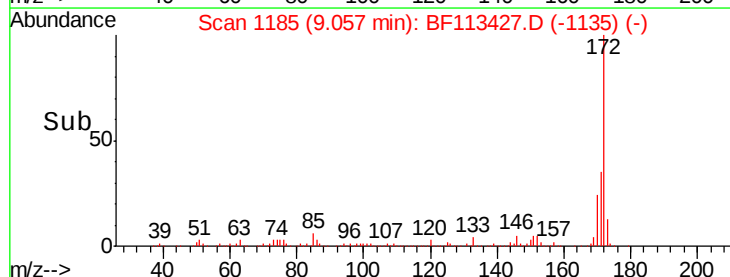
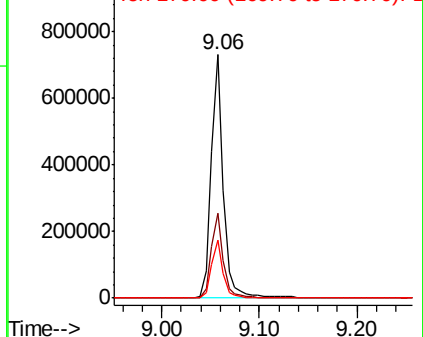


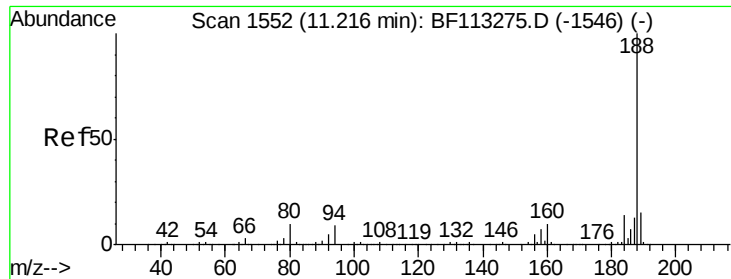
Abundance

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

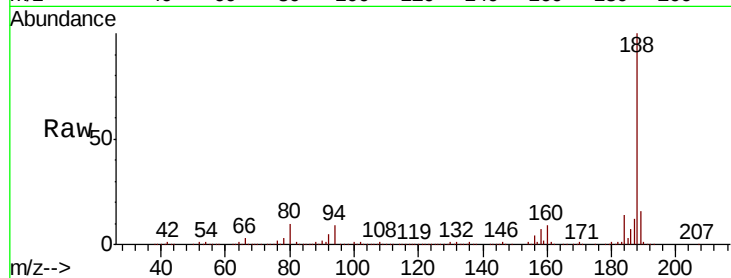




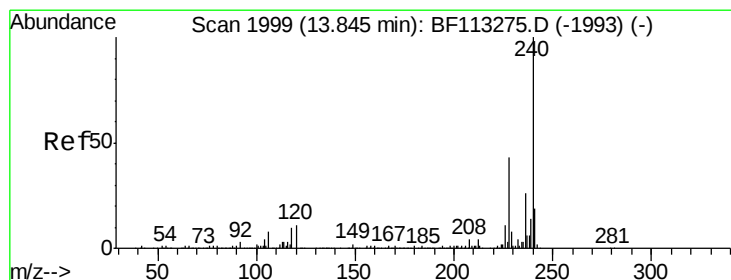
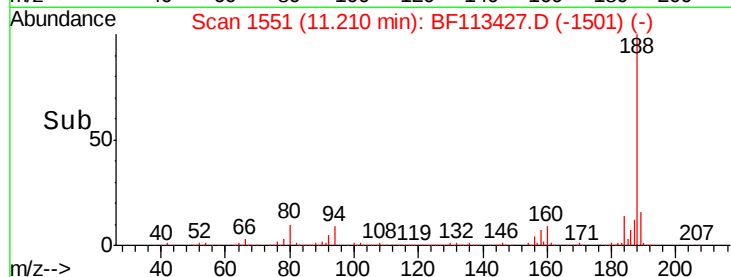
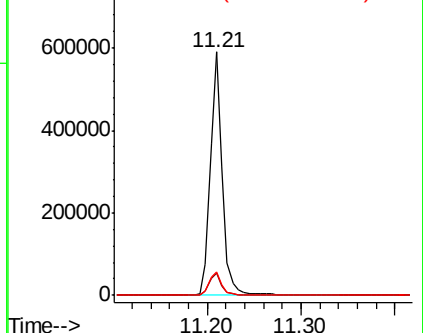
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113427.D
Acq: 29 Mar 2019 21:49

Instrument :
BNA_F
ClientSampleId :
AU-06-032819-A

Tot Ion:188 Resp: 532946
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.6 7.7 11.5

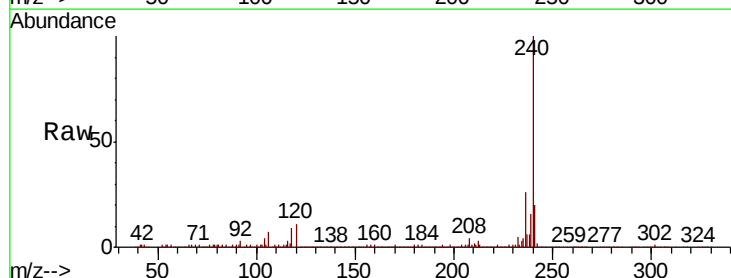


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

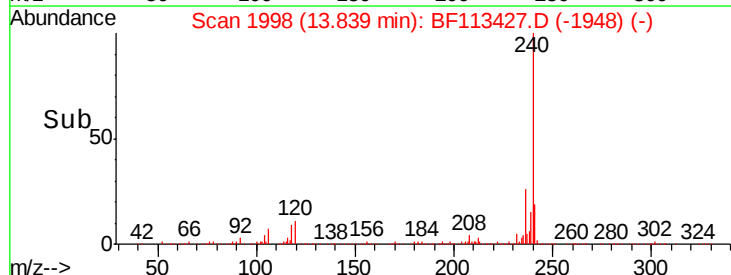
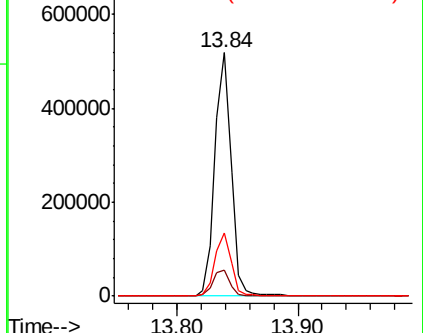


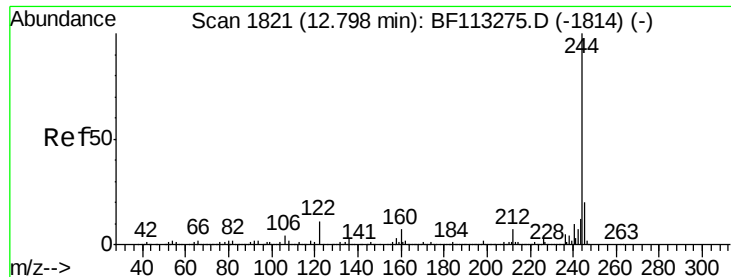
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113427.D
Acq: 29 Mar 2019 21:49

Tgt Ion:240 Resp: 479759
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 26.1 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: 28.432 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113427.D

Acq: 29 Mar 2019 21:49

Instrument :

BNA_F

ClientSampleId :

AU-06-032819-A

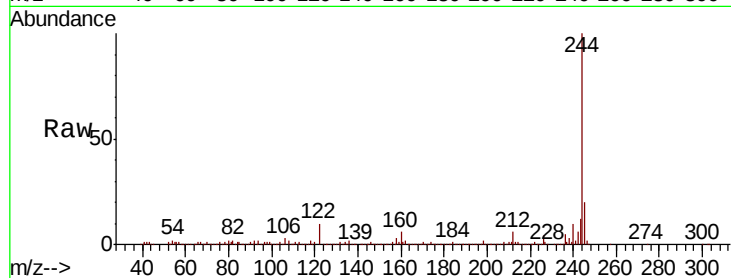
Tot Ion:244 Resp: 618843

Ion Ratio Lower Upper

244 100

212 6.2 5.5 8.3

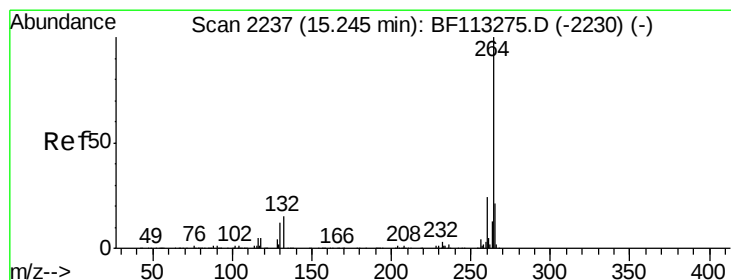
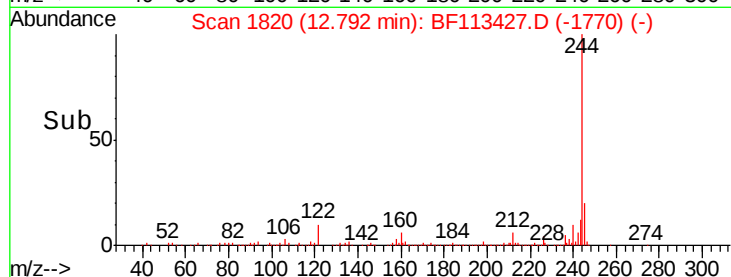
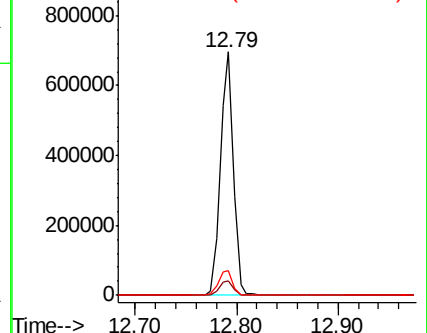
122 10.1 8.6 13.0



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: BF113427.D

Acq: 29 Mar 2019 21:49

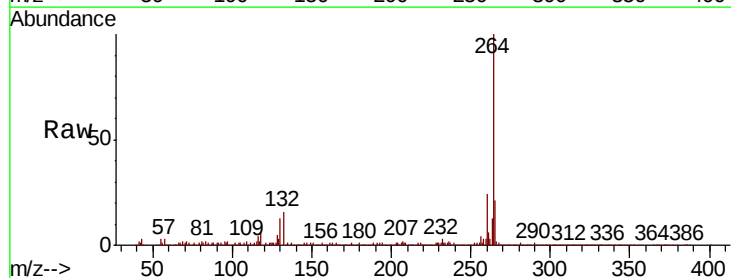
Tgt Ion:264 Resp: 456700

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.3 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

