

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
 Data File : BF112829.D
 Acq On : 4 Mar 2019 17:29
 Operator : JU/SJ
 Sample : K1712-07 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-1

Quant Time: Mar 05 01:36:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	162248	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	574316	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	253844	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	538232	20.00	ng	0.01
76) Chrysene-d12	13.88	240	492869	20.00	ng	0.00
87) Perylene-d12	15.30	264	328481	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	598311	57.36	ng	0.00
7) Phenol-d6	6.37	99	744764	56.84	ng	0.00
23) Nitrobenzene-d5	7.30	82	427958	44.59	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	195859	72.68	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	739637	42.17	ng	0.00
79) Terphenyl-d14	12.83	244	844411	33.21	ng	0.00

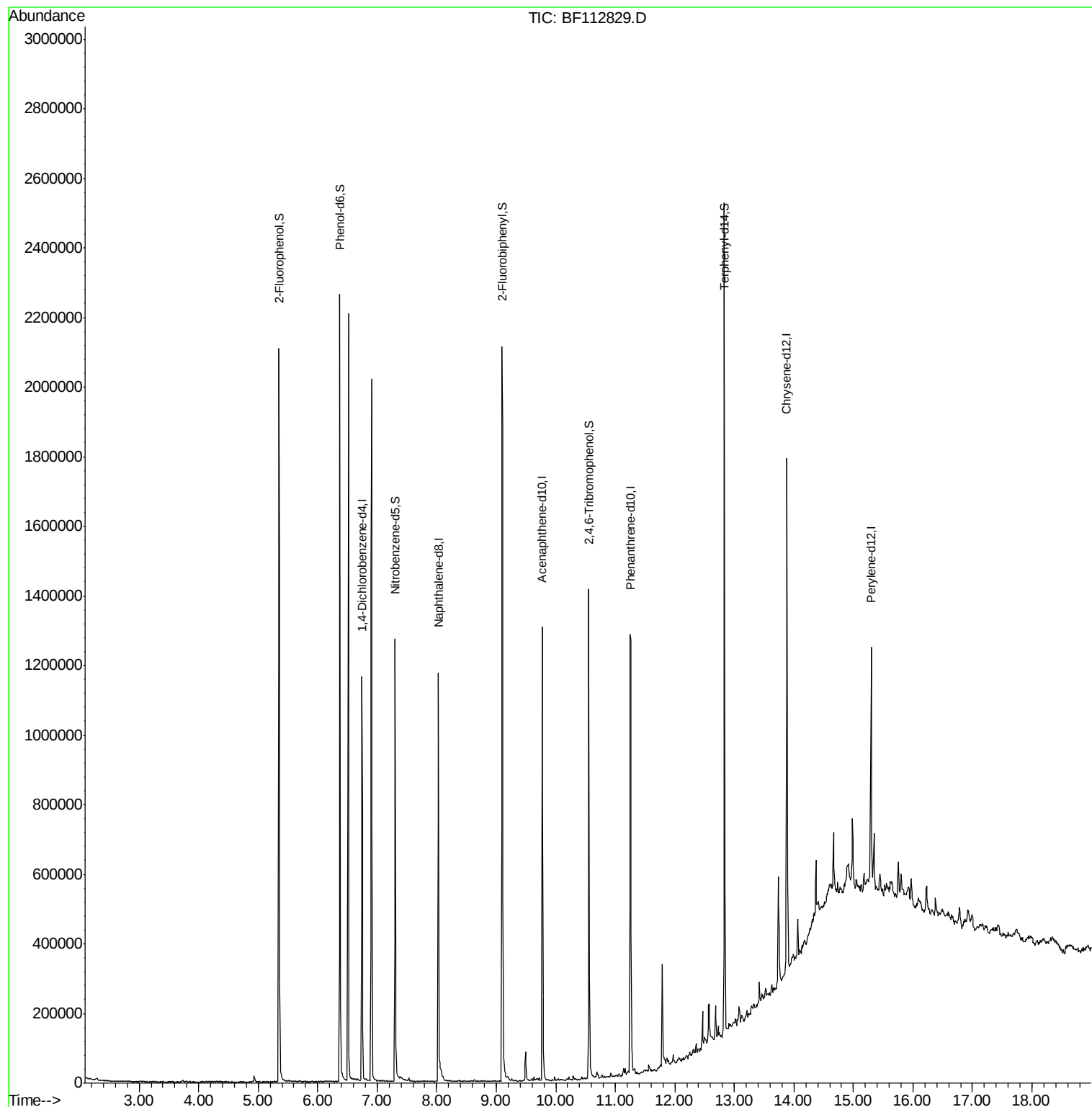
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030419\
Data File : BF112829.D
Acq On : 4 Mar 2019 17:29
Operator : JU/SJ
Sample : K1712-07 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Z-2-1

Quant Time: Mar 05 01:36:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



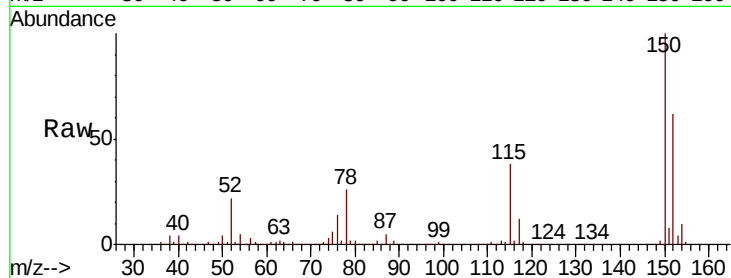


#1

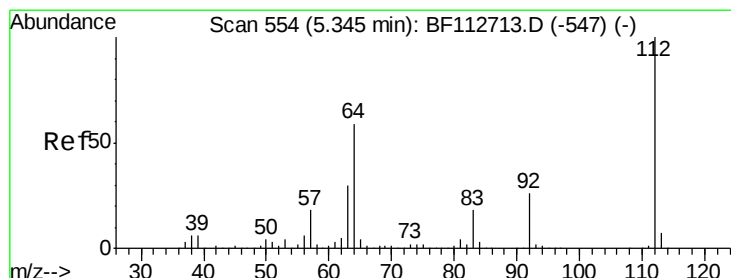
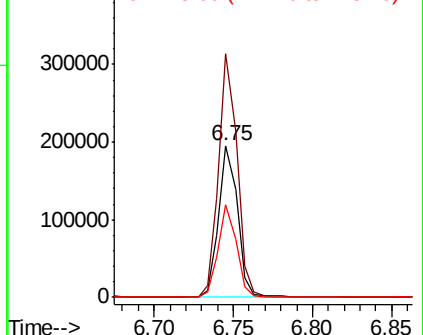
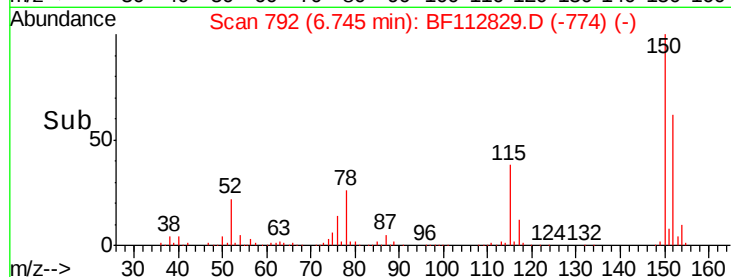
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

Instrument :
BNA_F
ClientSampleId :
Z-2-1

Tot Ion:152 Resp: 162248
Ion Ratio Lower Upper
152 100
150 160.5 124.2 186.2
115 61.4 48.2 72.4



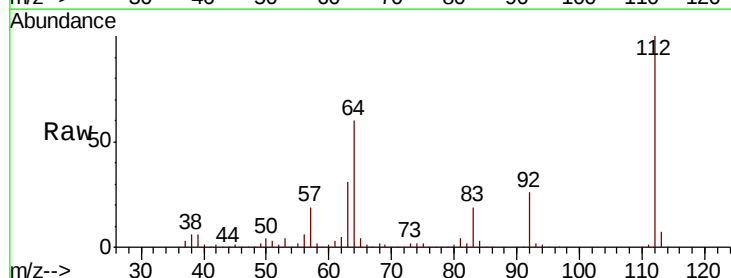
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



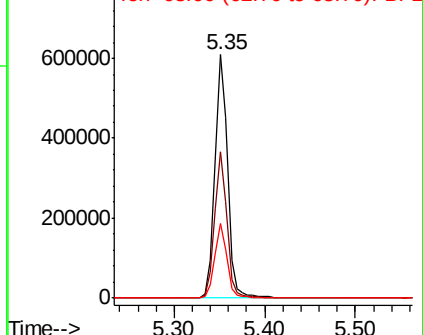
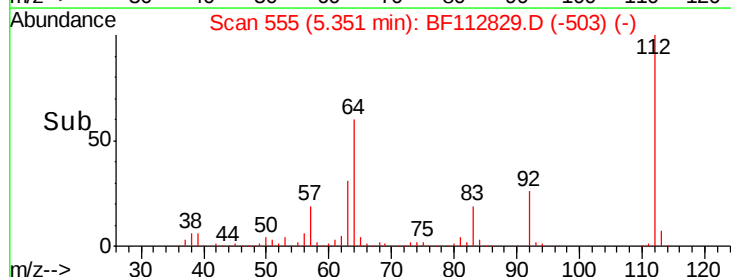
#5

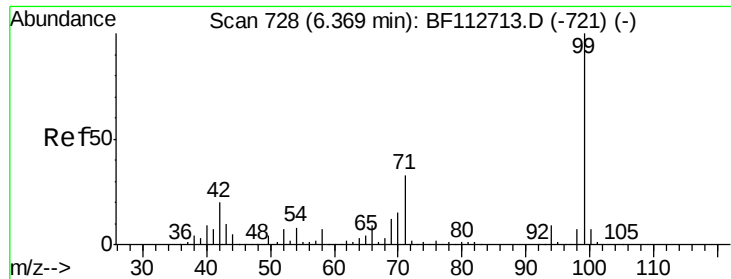
2-Fluorophenol
Concen: 57.363 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

Tgt Ion:112 Resp: 598311
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 30.8 24.4 36.6



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: 56.843 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112829.D

Acq: 4 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

Z-2-1

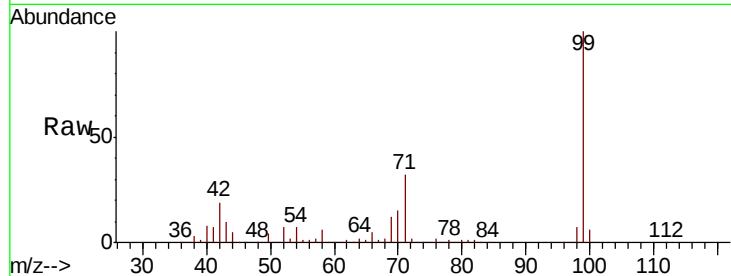
Tot Ion: 99 Resp: 744764

Ion Ratio Lower Upper

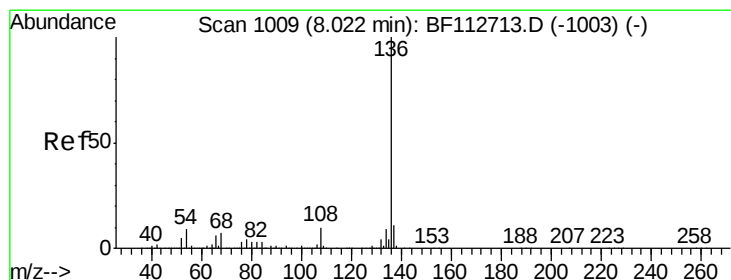
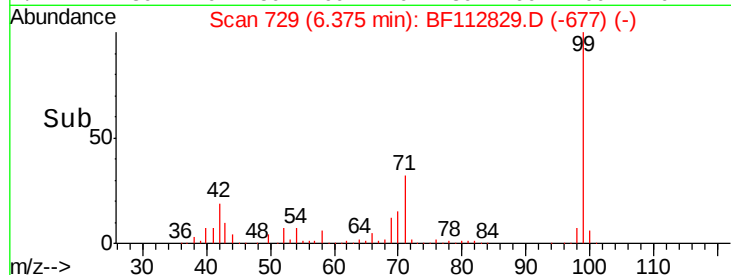
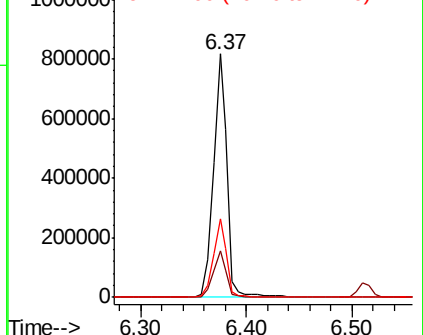
99 100

42 19.3 16.3 24.5

71 32.3 26.2 39.4



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# 1010

Delta R.T. 0.01 min

Lab File: BF112829.D

Acq: 4 Mar 2019 17:29

Tgt Ion: 136 Resp: 574316

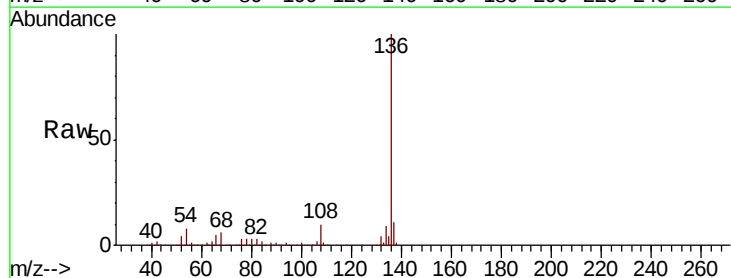
Ion Ratio Lower Upper

136 100

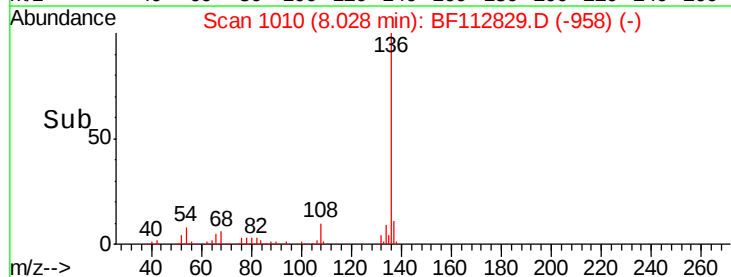
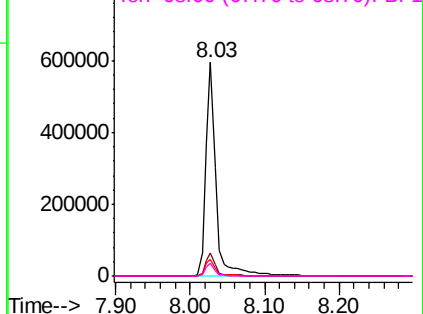
137 10.8 8.9 13.3

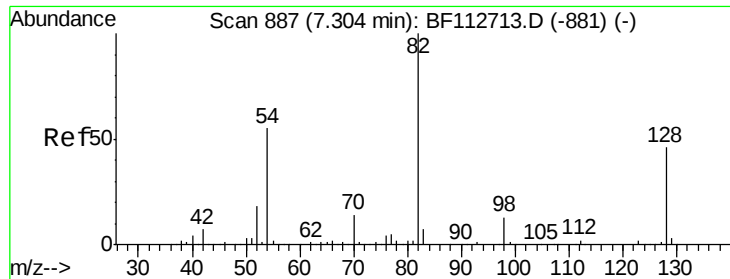
54 7.9 7.3 10.9

68 5.8 5.4 8.2



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

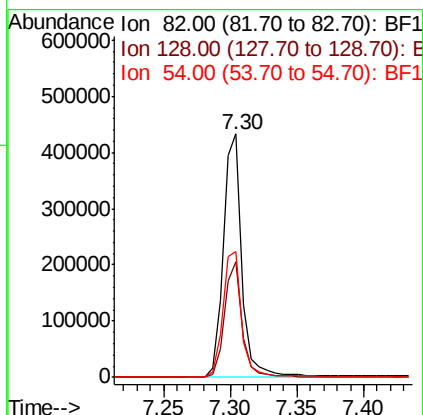
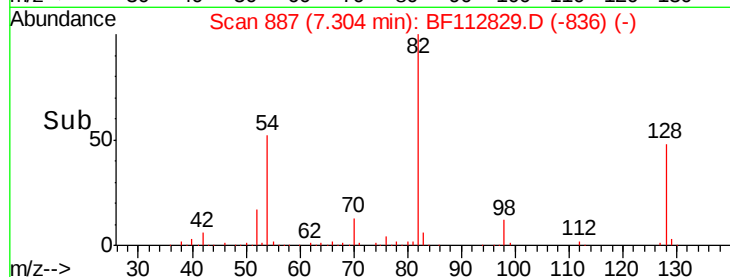
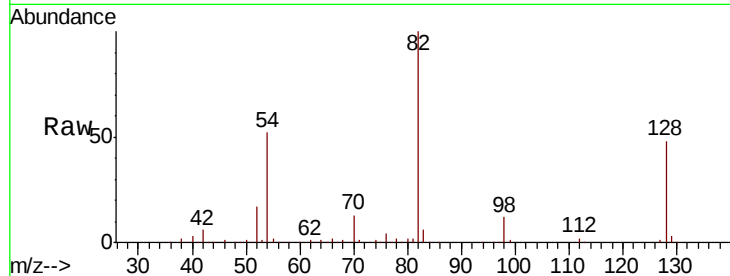




#23
Nitrobenzene-d5
Concen: 44.589 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

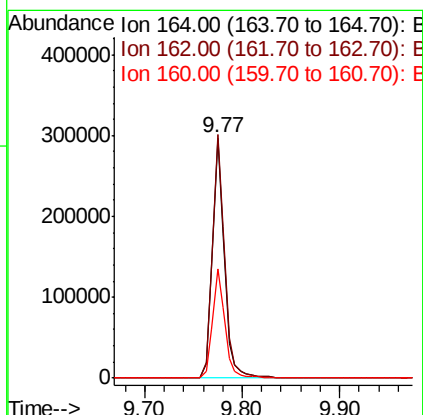
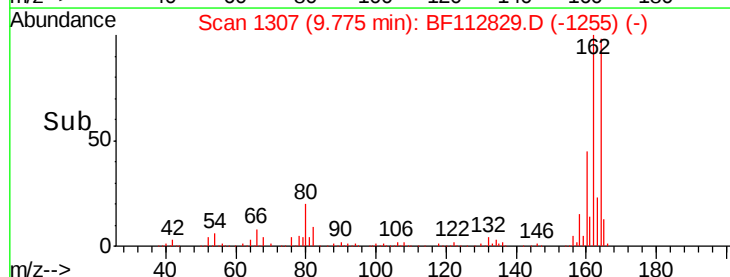
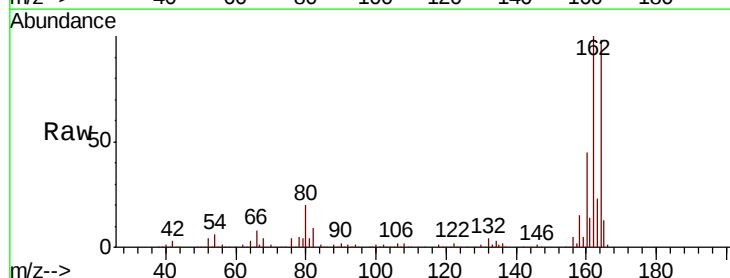
Instrument :
BNA_F
ClientSampled :
Z-2-1

Tot Ion: 82 Resp: 427958
Ion Ratio Lower Upper
82 100
128 47.6 36.3 54.5
54 51.8 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

Tgt Ion:164 Resp: 253844
Ion Ratio Lower Upper
164 100
162 101.6 80.6 120.8
160 45.3 36.0 54.0

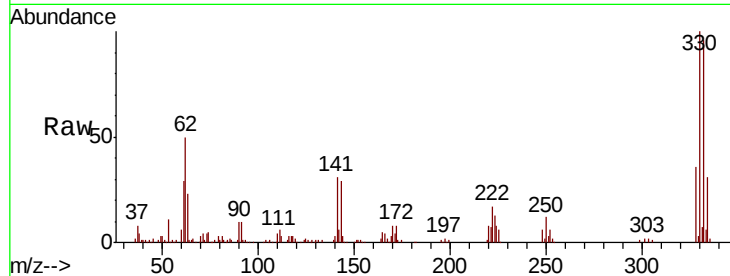




#42
 2,4,6-Tribromophenol
 Concen: 72.678 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112829.D
 Acq: 4 Mar 2019 17:29

Instrument :
 BNA_F
 ClientSampled :
 Z-2-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.2	114.4
141	29.5	27.0	40.6

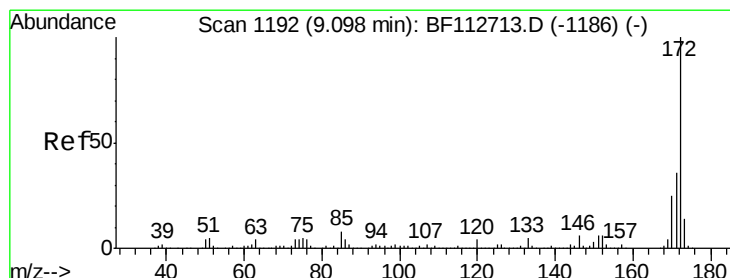
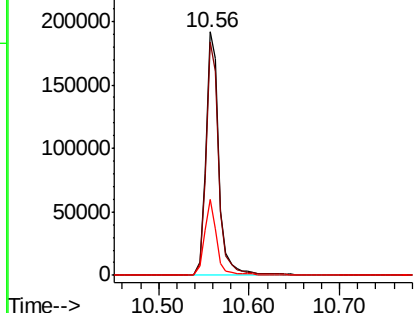
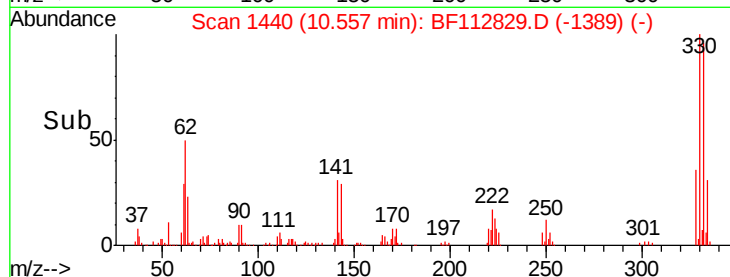


Abundance

Ion 329.80 (329.50 to 330.50): E

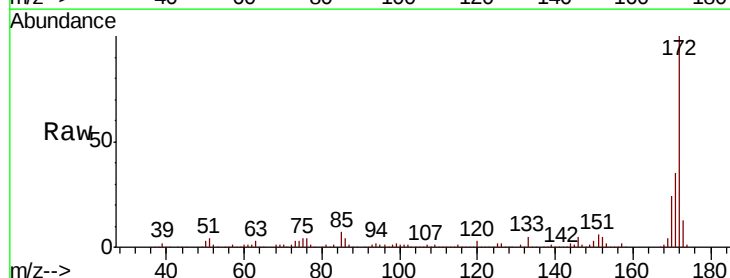
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 42.165 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112829.D
 Acq: 4 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.0	43.4
170	23.9	20.0	30.0

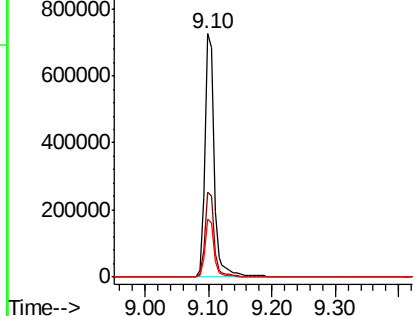
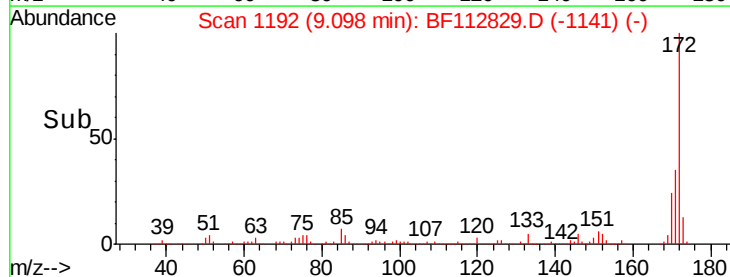


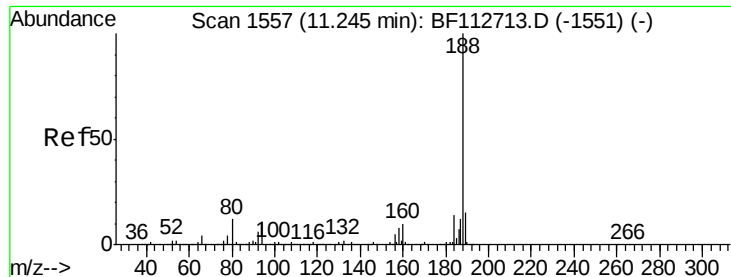
Abundance

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

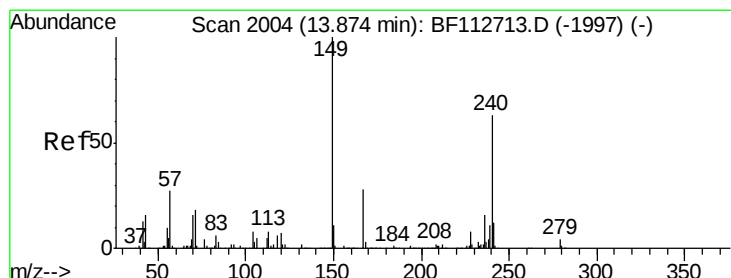
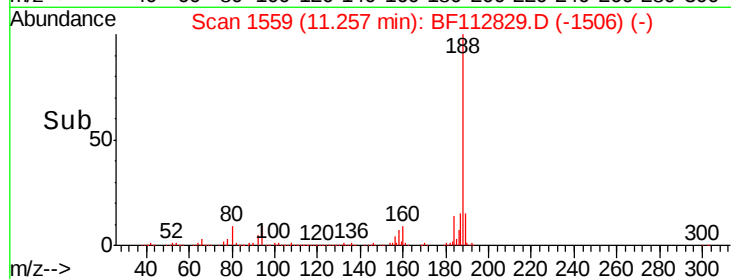
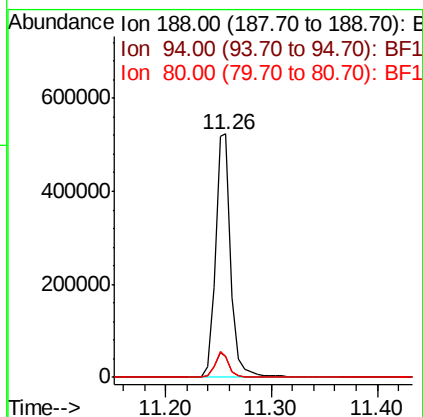
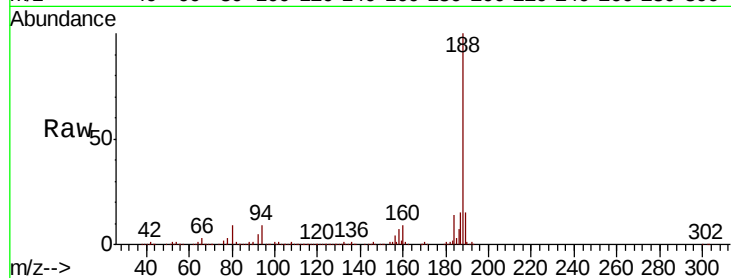




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. 0.01 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

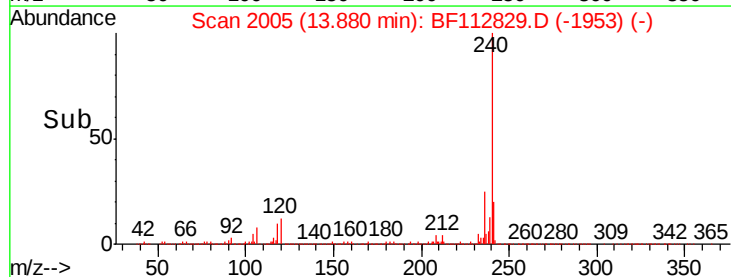
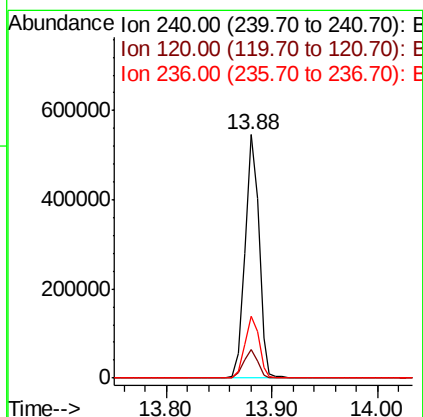
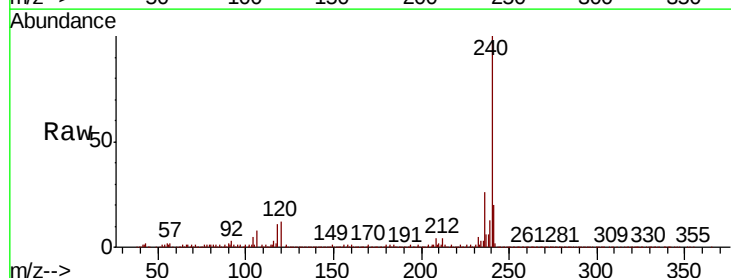
Instrument :
BNA_F
ClientSampleId :
Z-2-1

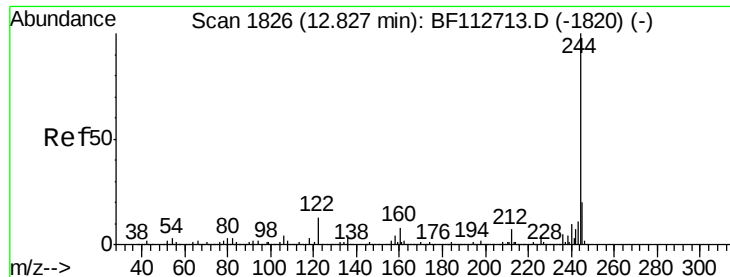
Tot Ion:188 Resp: 538232
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 8.6 9.2 13.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

Tgt Ion:240 Resp: 492869
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 33.211 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF112829.D

Acq: 4 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

Z-2-1

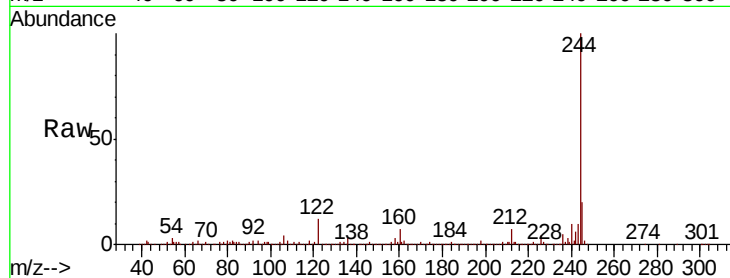
Tot Ion:244 Resp: 844411

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

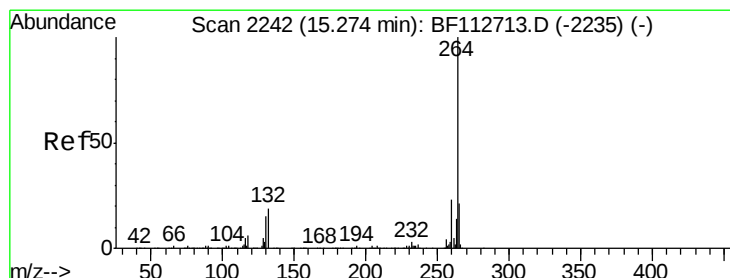
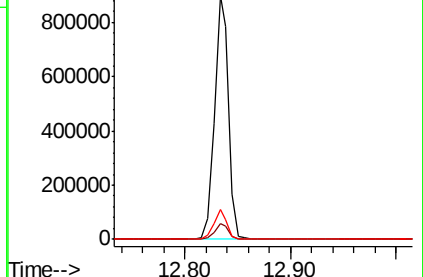
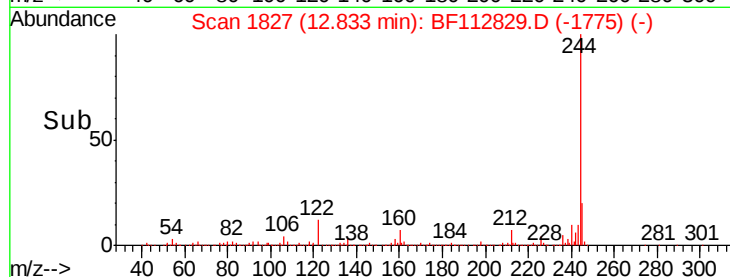
122 12.3 10.5 15.7



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: 15.30 min Scan# 2246

Delta R.T. 0.02 min

Lab File: BF112829.D

Acq: 4 Mar 2019 17:29

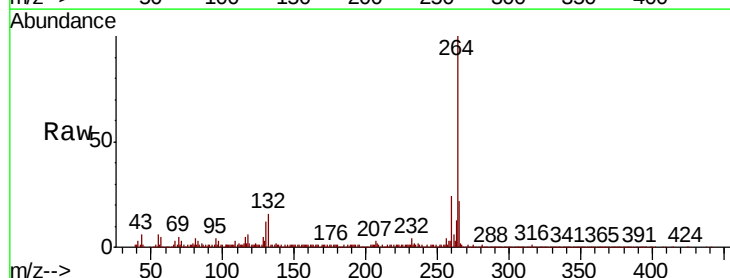
Tgt Ion:264 Resp: 328481

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 22.1 17.2 25.8



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

