

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
 Data File : BF112145.D
 Acq On : 19 Jan 2019 00:40
 Operator : JU/SJ
 Sample : K1189-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT3422

Quant Time: Jan 19 01:12:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 19 01:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	257756	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	955237	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	465118	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	821846	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	594012	20.00	ng	-0.01
87) Perylene-d12	15.49	264	608173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1470788	103.57	ng	0.00
7) Phenol-d6	6.50	99	1596377	89.85	ng	0.00
23) Nitrobenzene-d5	7.42	82	1356131	98.08	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	640930	127.74	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2586877	81.54	ng	0.00
79) Terphenyl-d14	12.96	244	2479585	88.80	ng	0.00

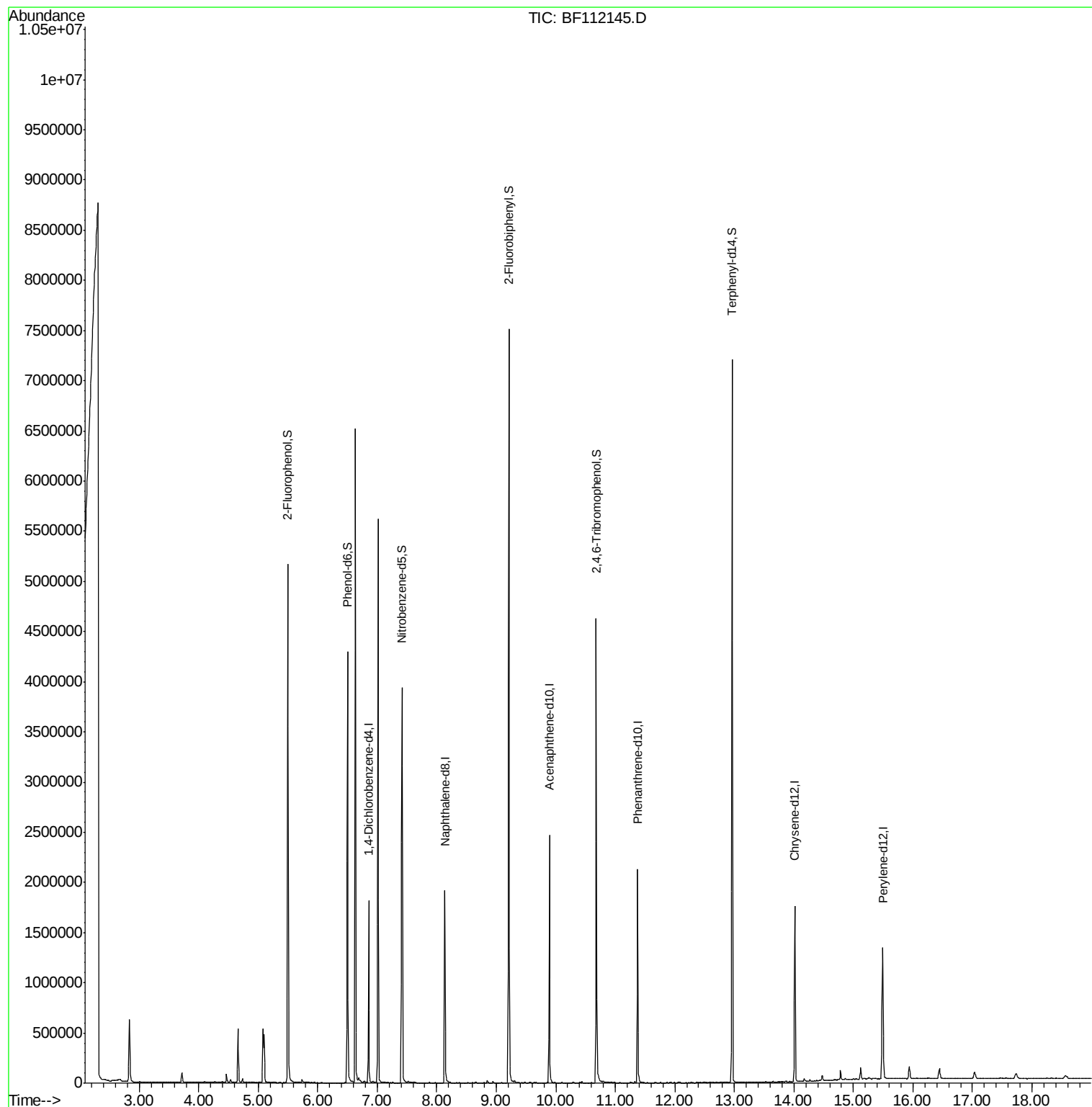
Target Compounds Qvalue

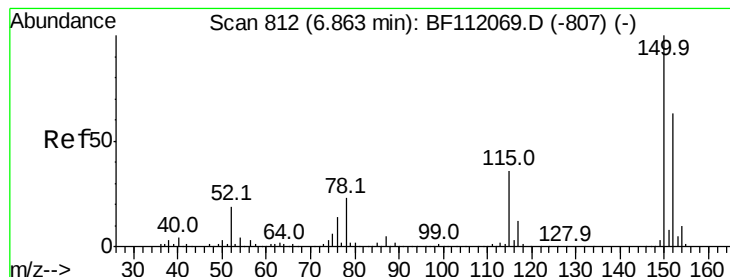
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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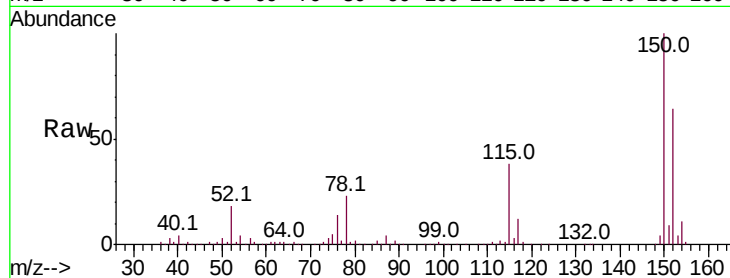


#1

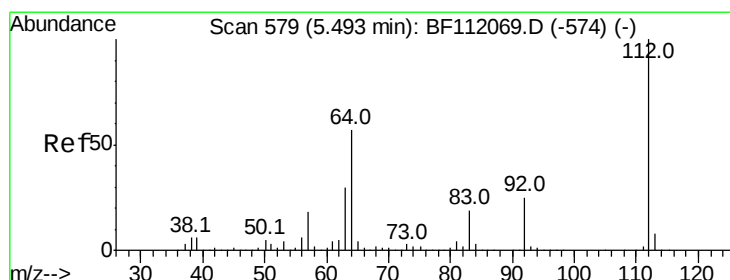
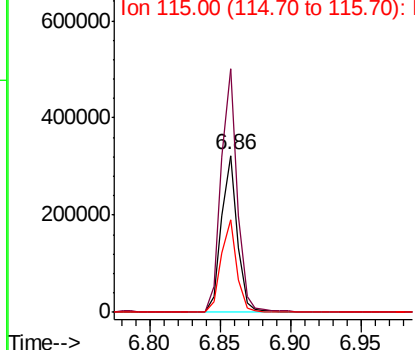
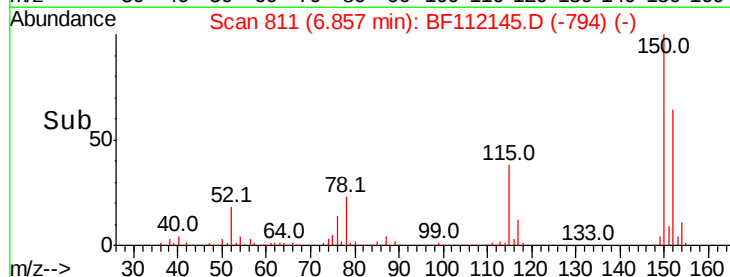
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF112145.D
Acq: 19 Jan 2019 00:40

Instrument :
BNA_F
ClientSampleId :
RT3422

Tot Ion:152 Resp: 257756
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.0
115 59.3 45.5 68.3



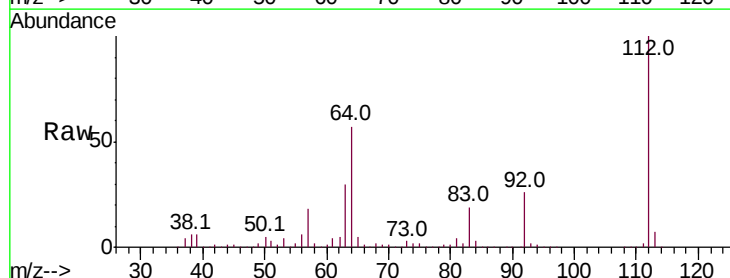
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



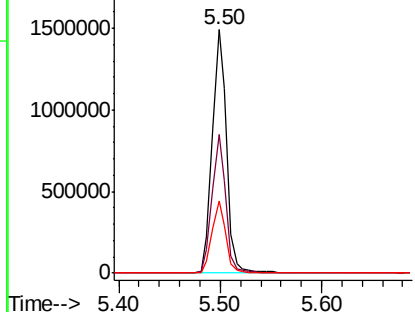
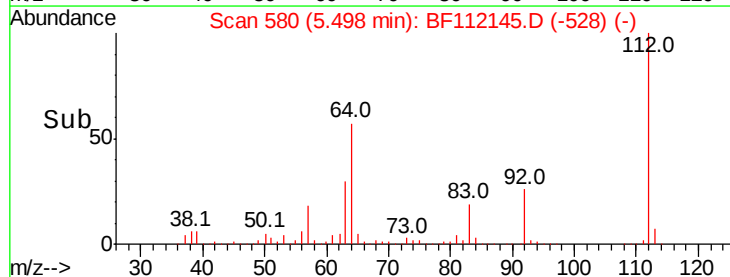
#5

2-Fluorophenol
Concen: 103.568 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF112145.D
Acq: 19 Jan 2019 00:40

Tgt Ion:112 Resp: 1470788
Ion Ratio Lower Upper
112 100
64 57.2 45.7 68.5
63 29.9 23.6 35.4



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: 89.847 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF112145.D

Acq: 19 Jan 2019 00:40

Instrument :

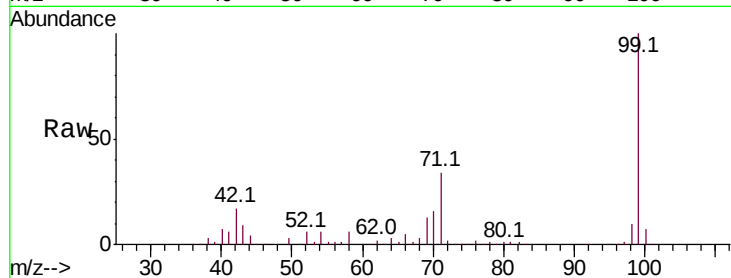
BNA_F

ClientSampleId :

RT3422

Tot Ion: 99 Resp: 1596377

Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.1	22.7
71	33.9	26.9	40.3

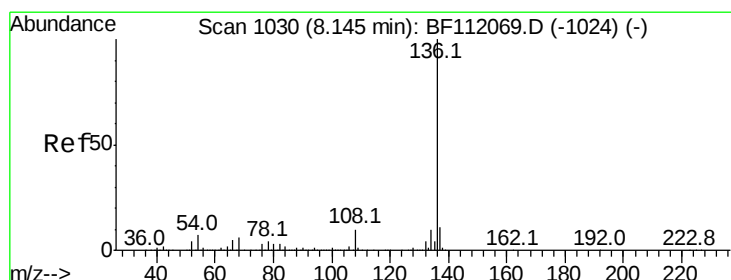
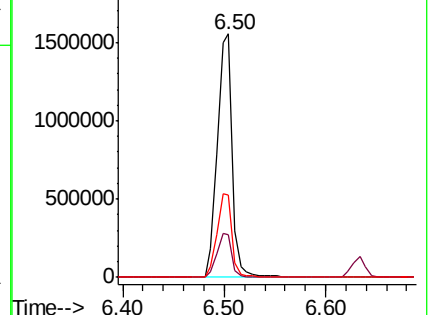
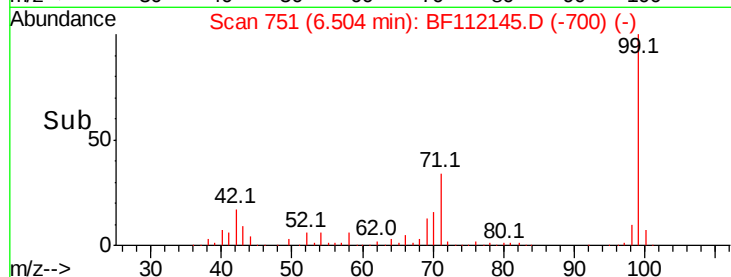


Abundance

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: 8.14 min Scan# 1029

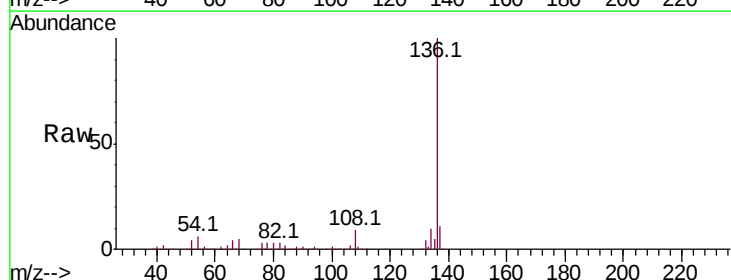
Delta R.T. 0.00 min

Lab File: BF112145.D

Acq: 19 Jan 2019 00:40

Tgt Ion: 136 Resp: 955237

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.1	5.9	8.9
68	4.9	5.1	7.7#



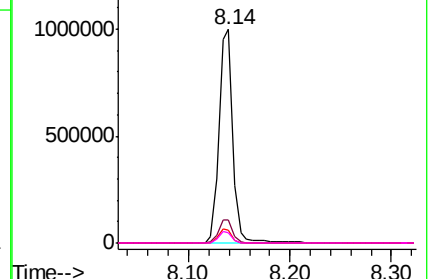
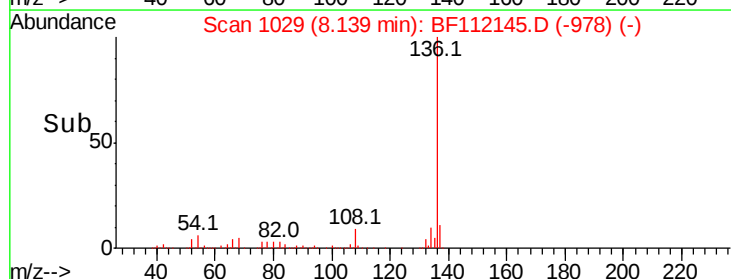
Abundance

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

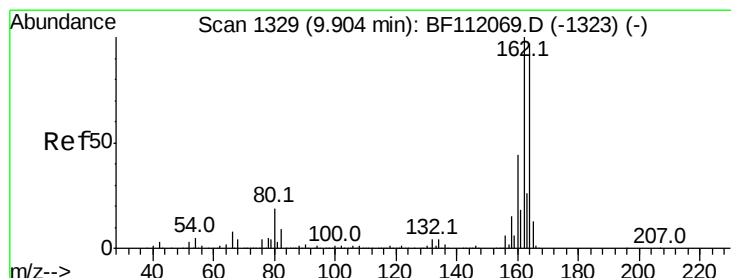
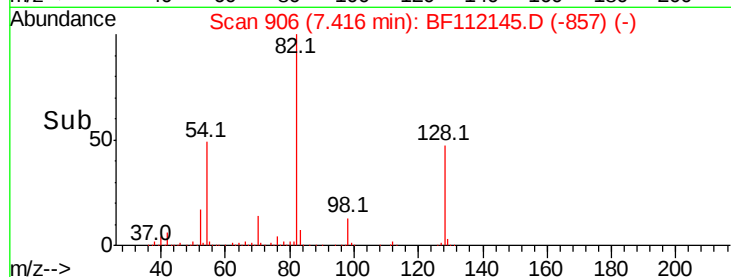
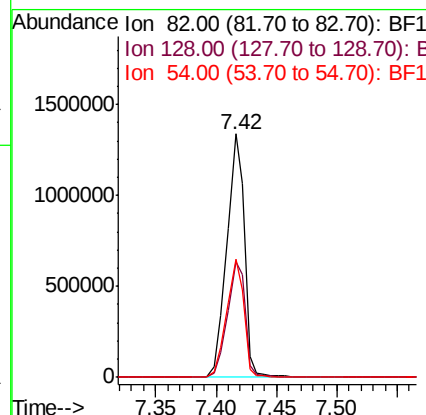
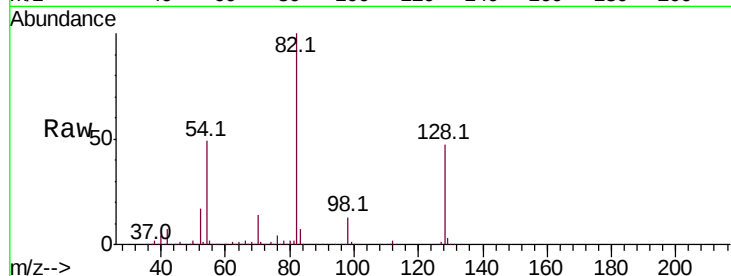




#23
 Nitrobenzene-d5
 Concen: 98.084 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF112145.D
 Acq: 19 Jan 2019 00:40

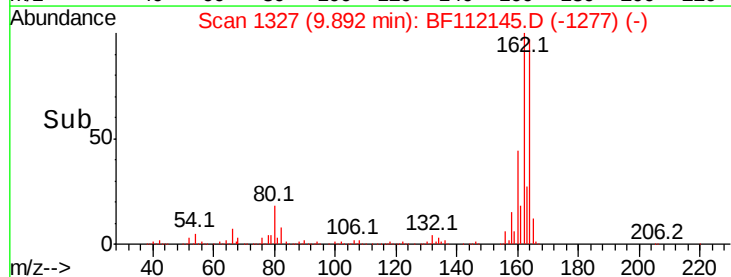
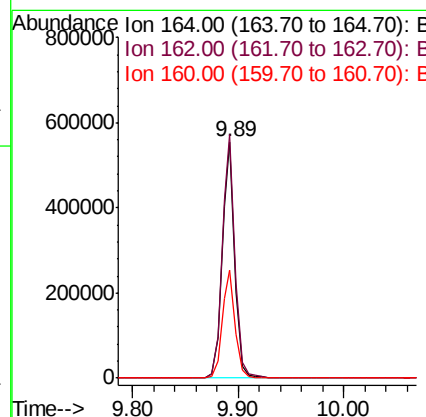
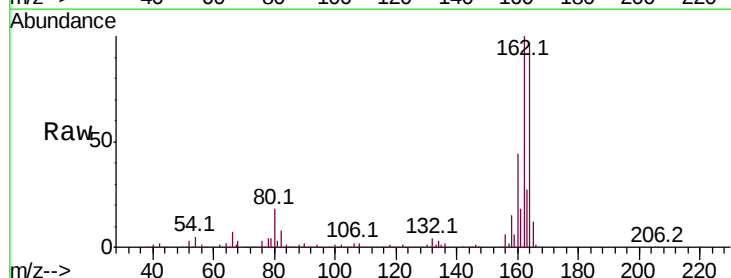
Instrument :
 BNA_F
 ClientSampleId :
 RT3422

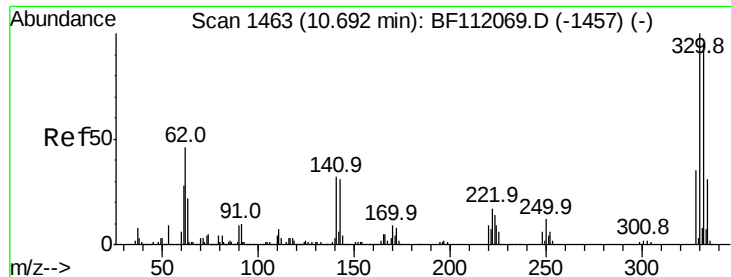
Tot Ion: 82 Resp: 1356131
 Ion Ratio Lower Upper
 82 100
 128 47.4 37.8 56.8
 54 48.7 39.7 59.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: BF112145.D
 Acq: 19 Jan 2019 00:40

Tgt Ion: 164 Resp: 465118
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.2 123.4
 160 45.7 36.2 54.4

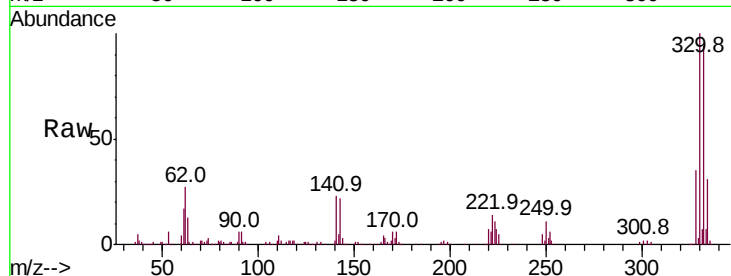




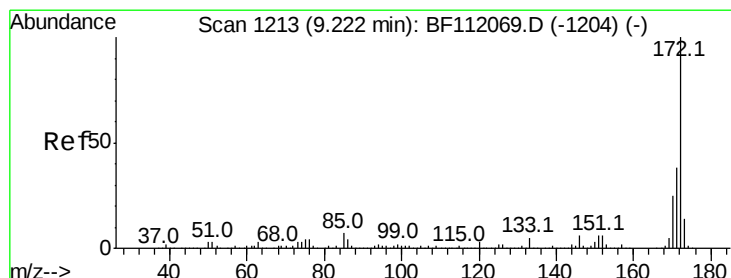
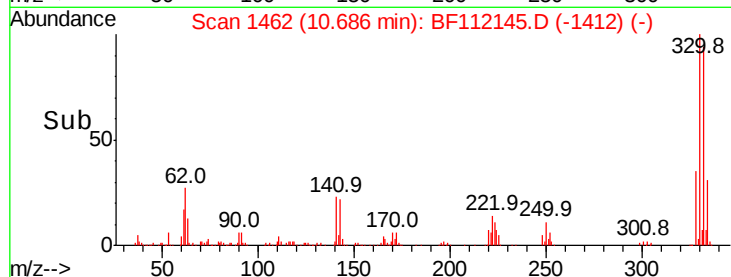
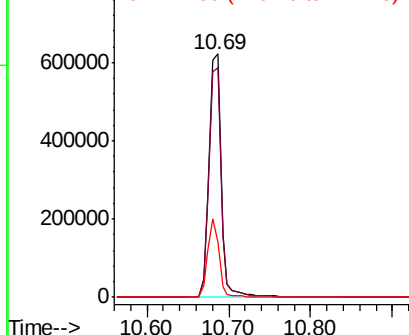
#42
 2,4,6-Tribromophenol
 Concen: 127.736 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF112145.D
 Acq: 19 Jan 2019 00:40

Instrument :
 BNA_F
 ClientSampleId :
 RT3422

Tot Ion:330 Resp: 640930
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 30.3 24.3 36.5

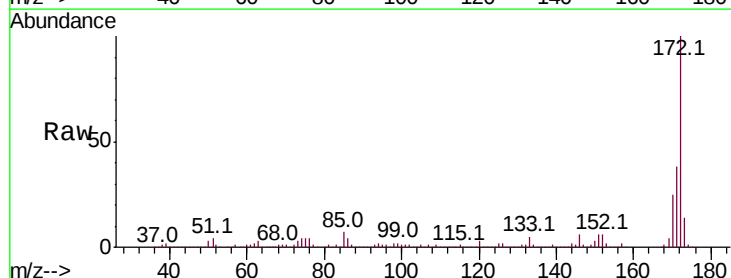


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

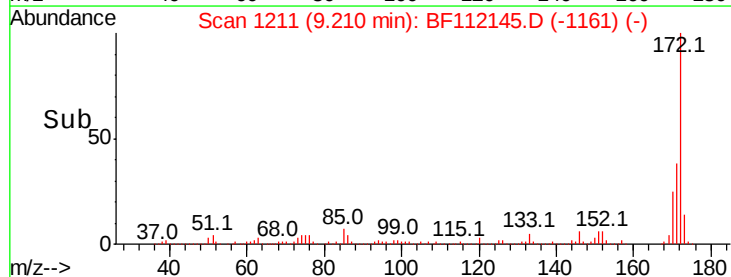
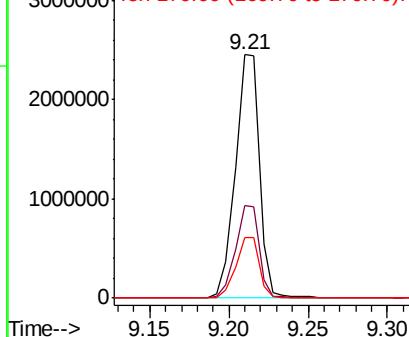


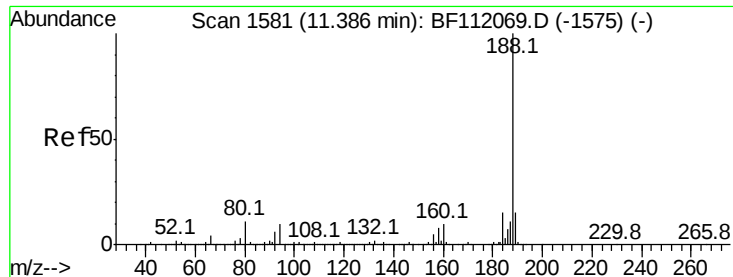
#45
 2-Fluorobiphenyl
 Concen: 81.542 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF112145.D
 Acq: 19 Jan 2019 00:40

Tgt Ion:172 Resp: 2586877
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.5 45.7
 170 25.1 20.2 30.4



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

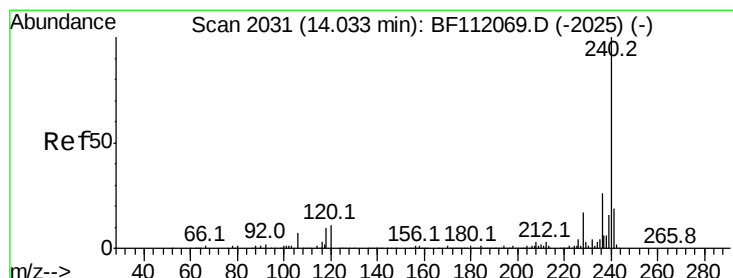
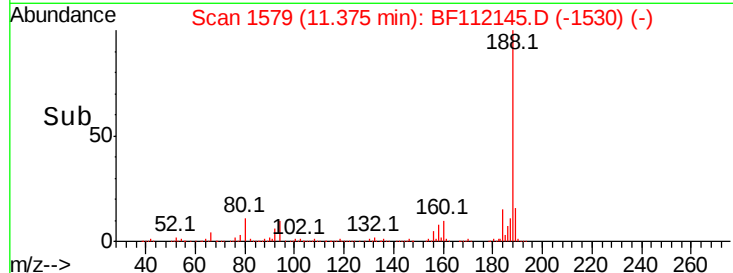
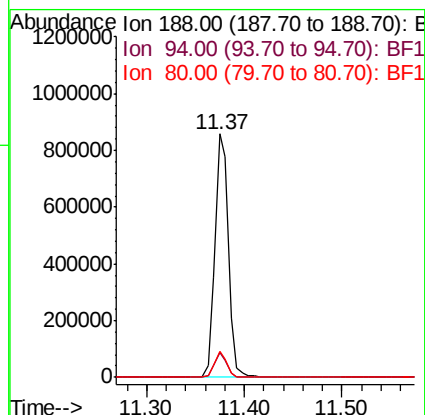
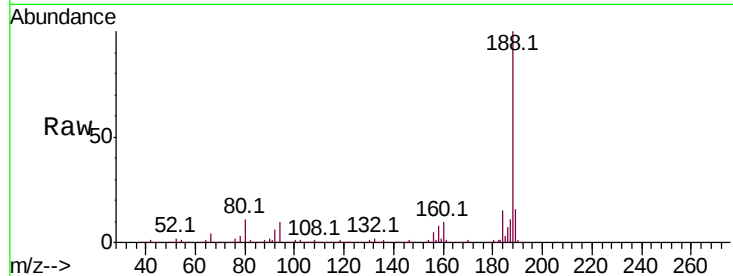




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF112145.D
Acq: 19 Jan 2019 00:40

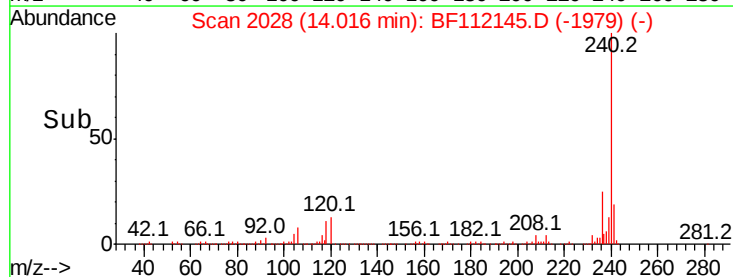
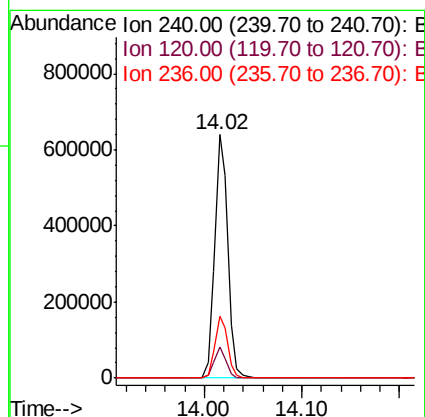
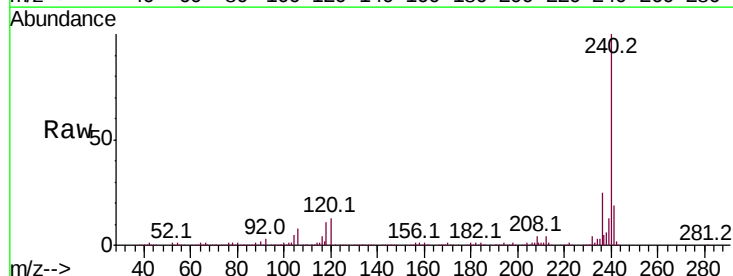
Instrument :
BNA_F
ClientSampled :
RT3422

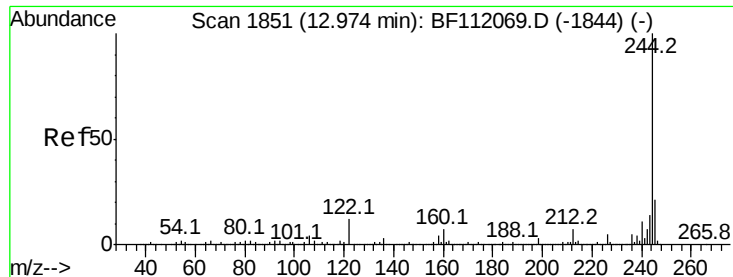
Tot Ion:188 Resp: 821846
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF112145.D
Acq: 19 Jan 2019 00:40

Tgt Ion:240 Resp: 594012
Ion Ratio Lower Upper
240 100
120 12.6 9.0 13.6
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 88.803 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF112145.D

Acq: 19 Jan 2019 00:40

Instrument :

BNA_F

ClientSampleId :

RT3422

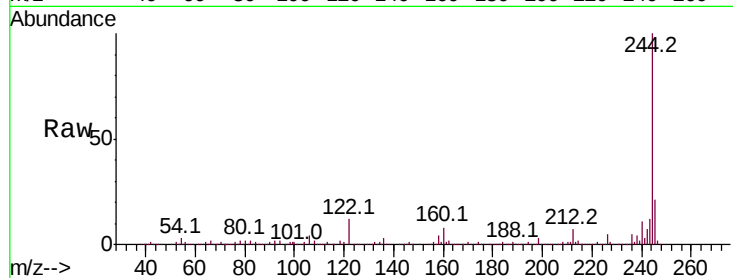
Tot Ion:244 Resp: 2479585

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

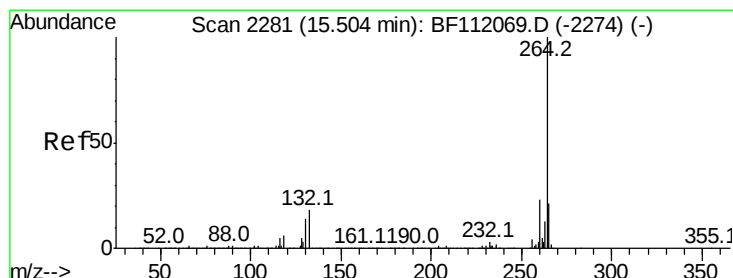
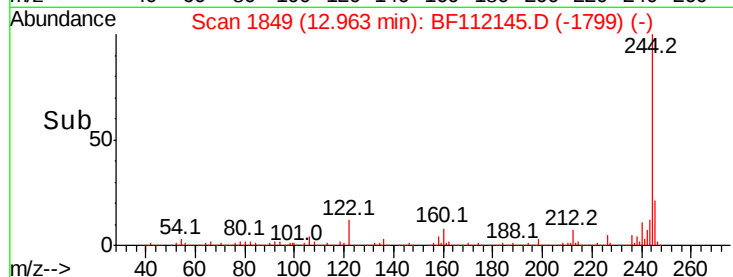
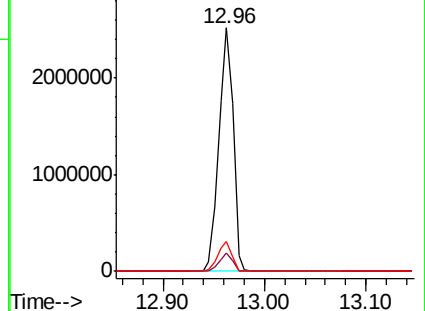
122 12.3 9.8 14.6



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: 15.49 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF112145.D

Acq: 19 Jan 2019 00:40

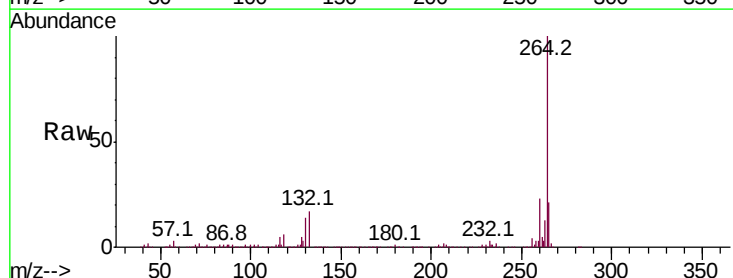
Tgt Ion:264 Resp: 608173

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 21.4 17.0 25.4



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

