

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116600.D
 Acq On : 27 Aug 2019 23:17
 Operator : HP/JU
 Sample : K4528-27
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-R-(0-1.9)

Quant Time: Aug 28 08:22:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	92431	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	353508	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	188889	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	338735	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	235976	20.00	ng	-0.02
87) Perylene-d12	15.48	264	223930	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	821292	129.83	ng	0.00
7) Phenol-d6	6.50	99	800940	103.26	ng	0.00
23) Nitrobenzene-d5	7.43	82	642632	99.46	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	275986	170.16	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1143433	97.49	ng	-0.01
79) Terphenyl-d14	12.97	244	1366573	108.17	ng	0.00

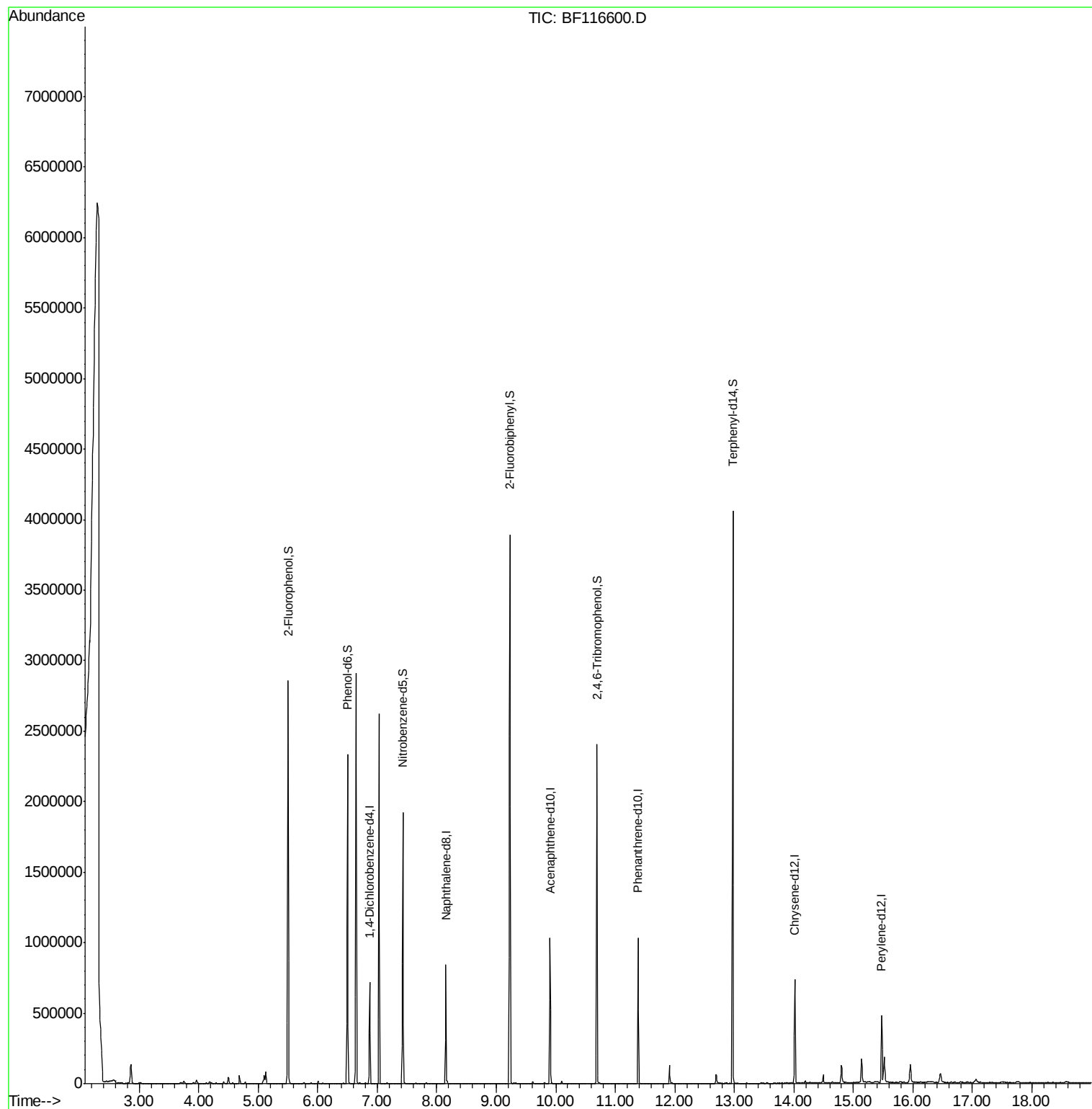
Target Compounds Qvalue

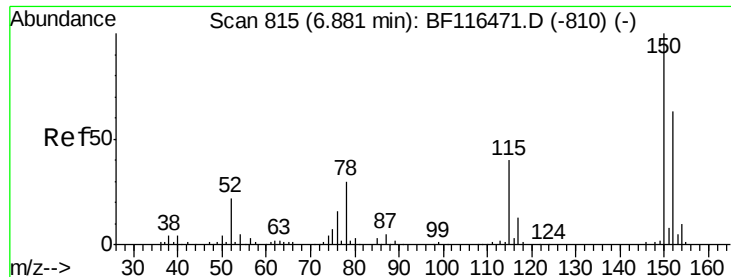
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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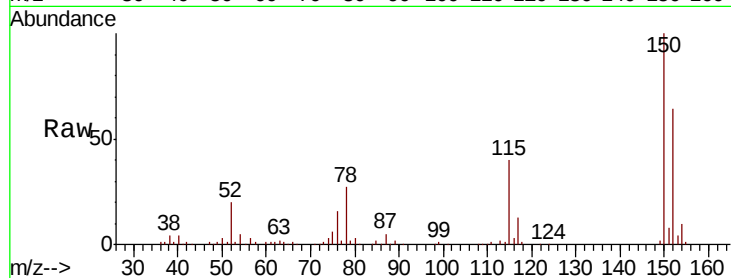


#1

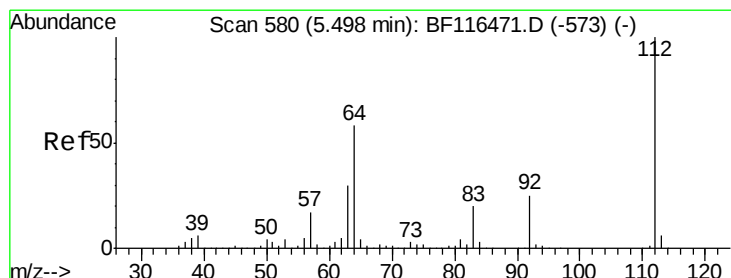
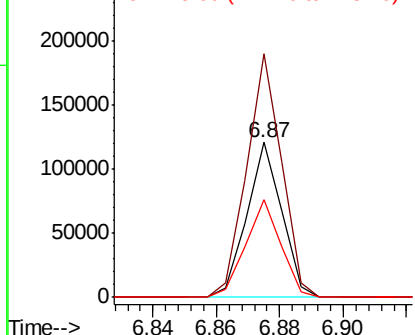
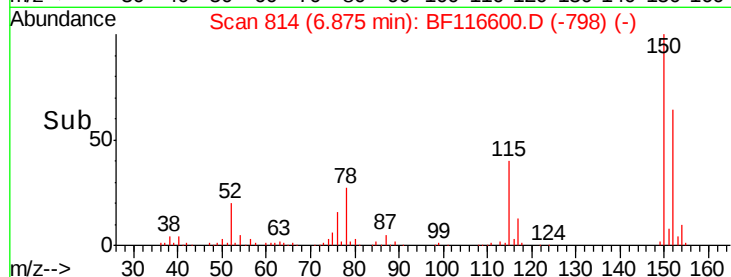
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116600.D
Acq: 27 Aug 2019 23:17

Instrument :
BNA_F
ClientSampleId :
T9-12-13-R-(0-1.9)

Tot Ion:152 Resp: 92431
Ion Ratio Lower Upper
152 100
150 156.8 126.7 190.1
115 63.3 50.9 76.3



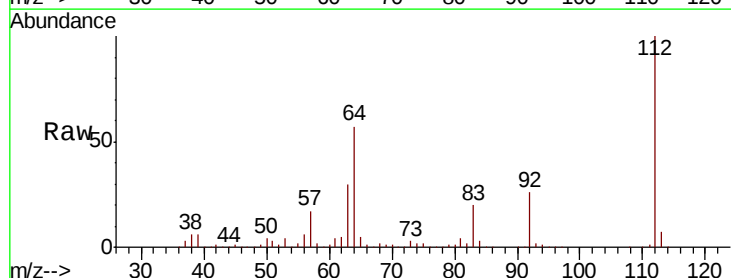
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



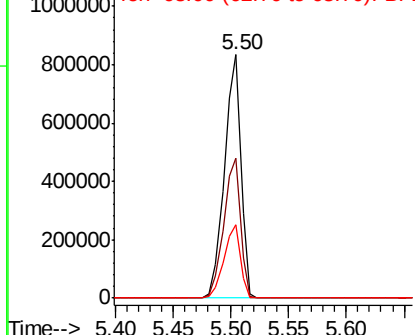
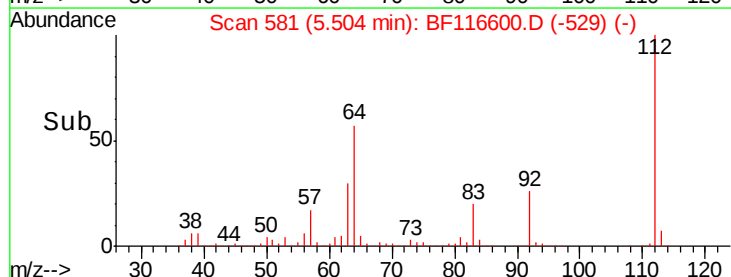
#5

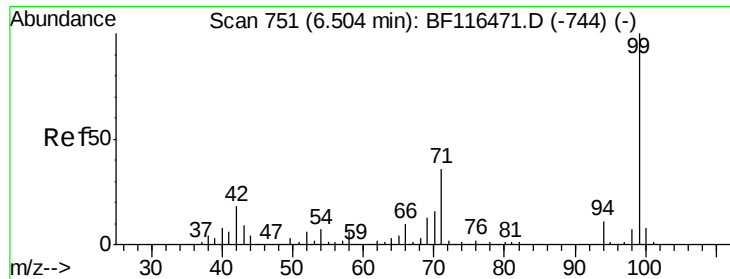
2-Fluorophenol
Concen: 129.830 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF116600.D
Acq: 27 Aug 2019 23:17

Tgt Ion:112 Resp: 821292
Ion Ratio Lower Upper
112 100
64 57.2 46.3 69.5
63 30.0 24.2 36.4



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: 103.260 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116600.D

Acq: 27 Aug 2019 23:17

Instrument :

BNA_F

ClientSampleId :

T9-12-13-R-(0-1.9)

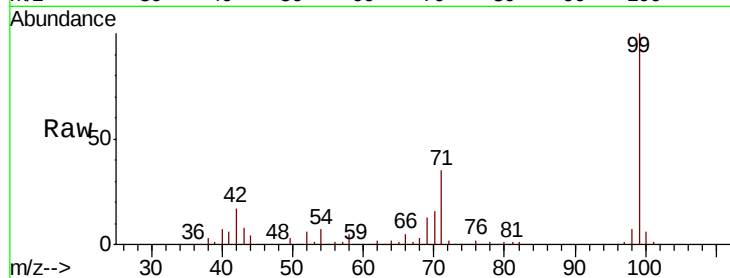
Tot Ion: 99 Resp: 800940

Ion Ratio Lower Upper

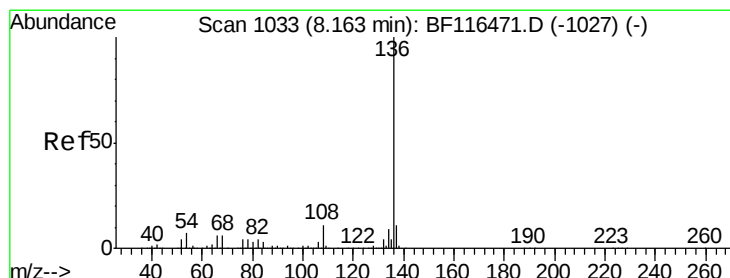
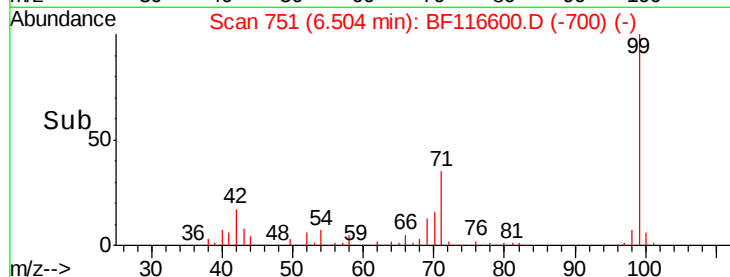
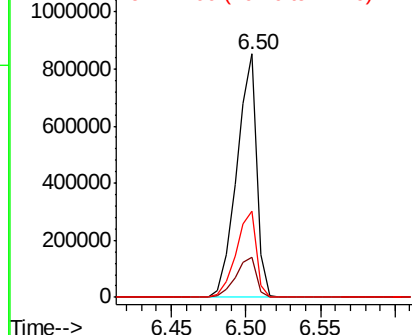
99 100

42 16.6 14.6 21.8

71 35.5 28.5 42.7



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116600.D

Acq: 27 Aug 2019 23:17

Tgt Ion: 136 Resp: 353508

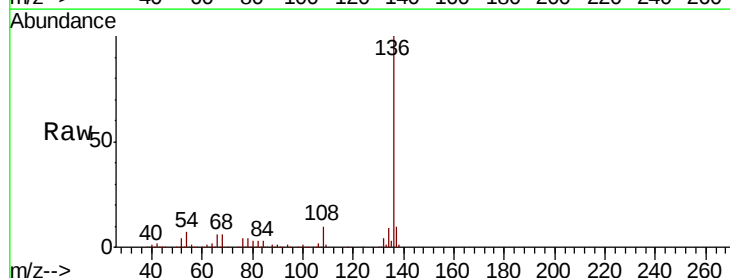
Ion Ratio Lower Upper

136 100

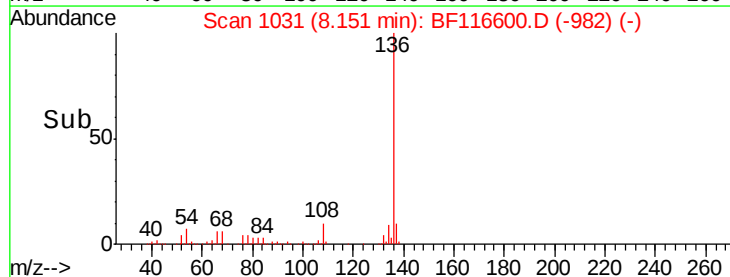
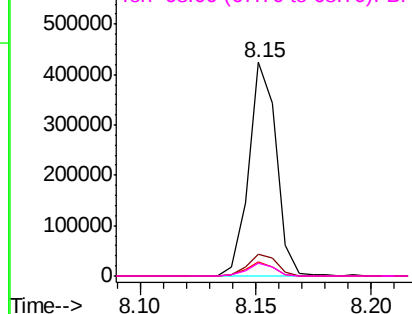
137 10.4 9.0 13.4

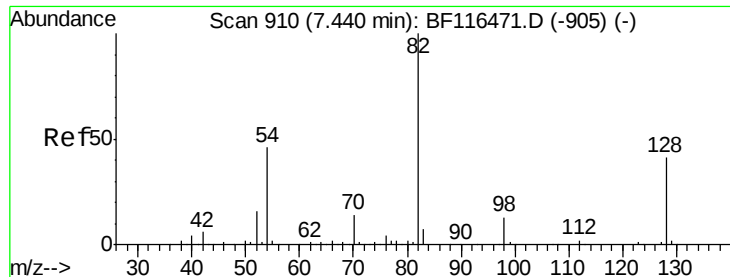
54 6.6 5.8 8.6

68 5.8 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

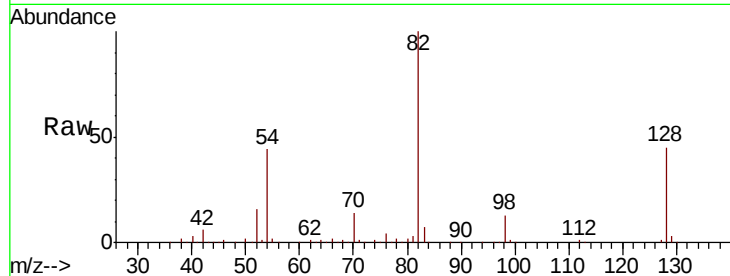




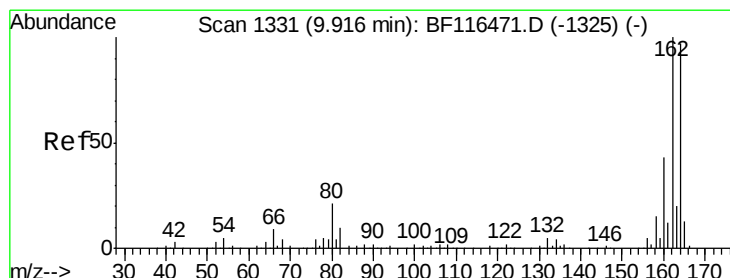
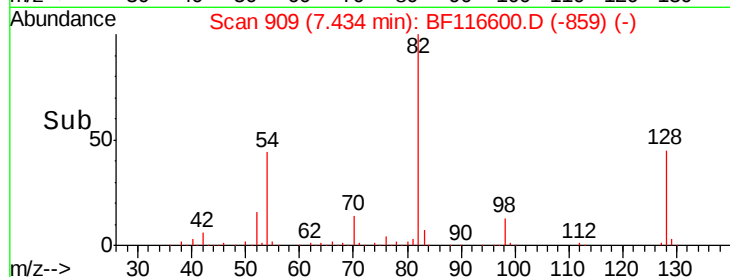
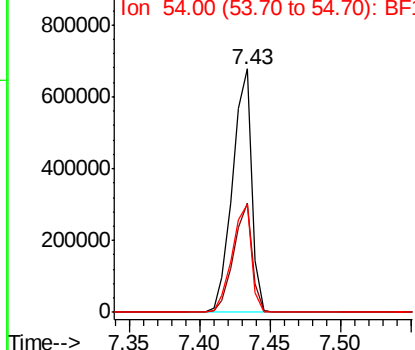
#23
Nitrobenzene-d5
Concen: 99.456 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF116600.D
Acq: 27 Aug 2019 23:17

Instrument :
BNA_F
ClientSampleId :
T9-12-13-R-(0-1.9)

Tot Ion: 82 Resp: 642632
Ion Ratio Lower Upper
82 100
128 45.1 32.2 48.4
54 44.3 36.5 54.7

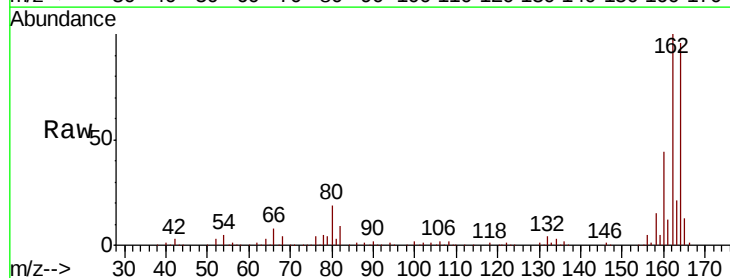


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

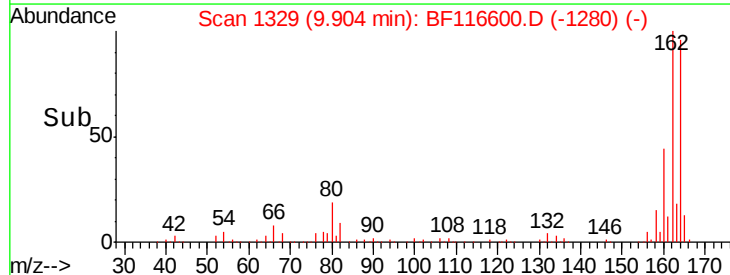
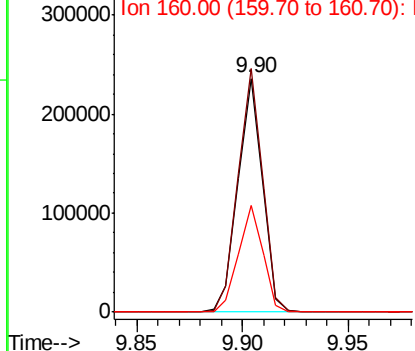


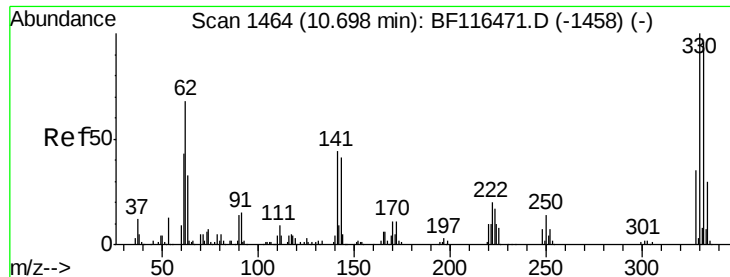
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF116600.D
Acq: 27 Aug 2019 23:17

Tgt Ion:164 Resp: 188889
Ion Ratio Lower Upper
164 100
162 104.2 82.6 123.8
160 45.5 35.8 53.8



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

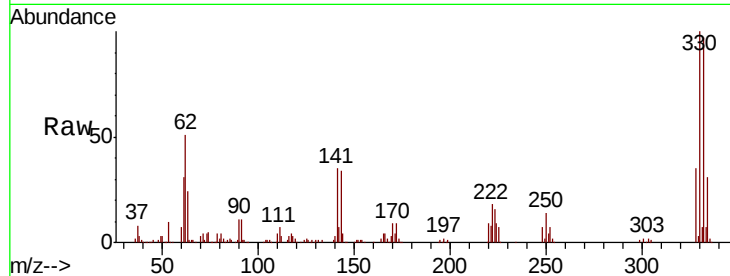




#42
 2,4,6-Tribromophenol
 Concen: 170.158 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF116600.D
 Acq: 27 Aug 2019 23:17

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-R-(0-1.9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.2	115.8
141	37.1	33.3	49.9

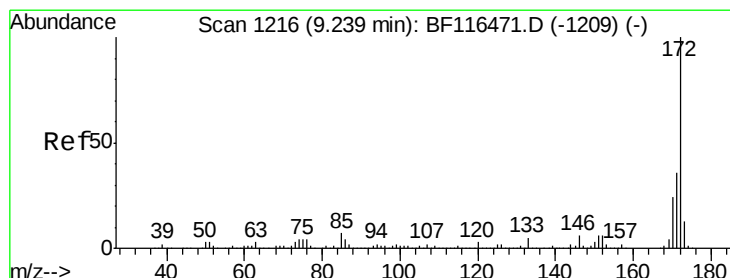
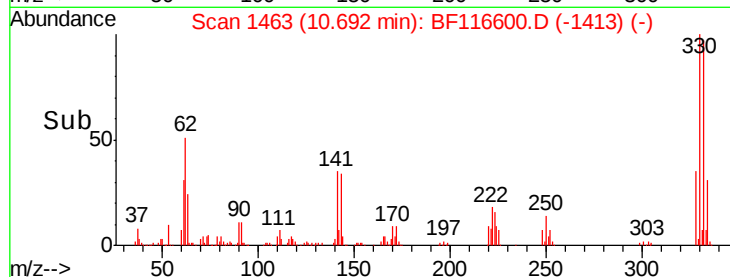
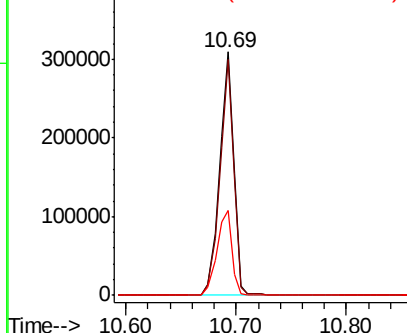


Abundance

Ion 329.80 (329.50 to 330.50): E

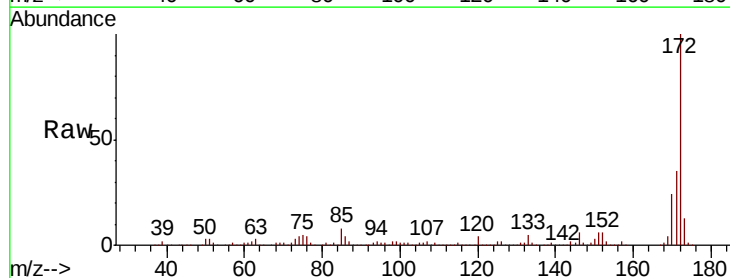
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.485 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF116600.D
 Acq: 27 Aug 2019 23:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.9	43.3
170	23.7	19.4	29.0

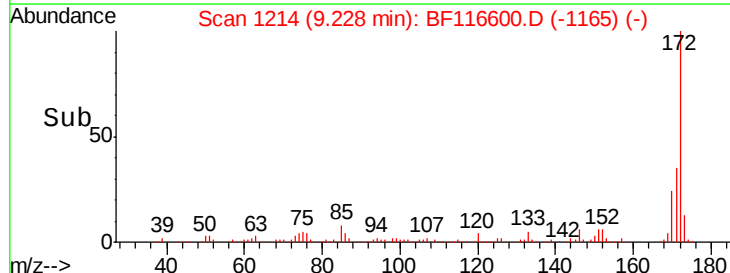
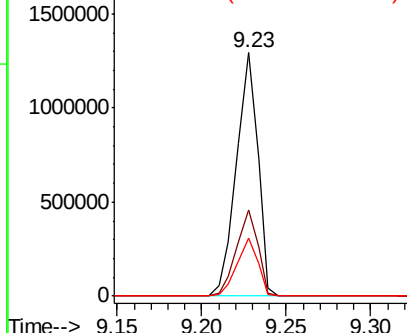


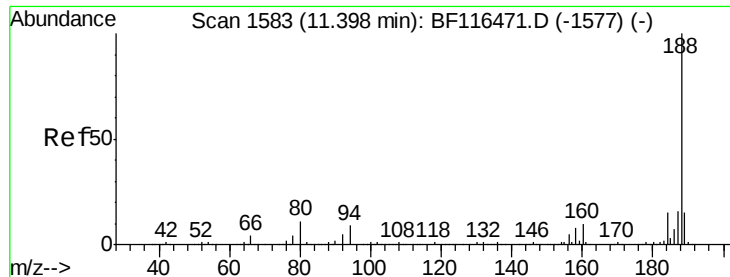
Abundance

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

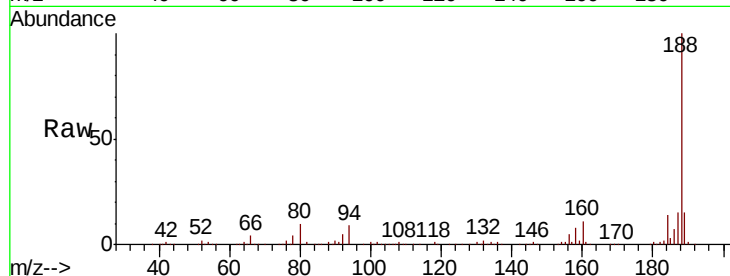




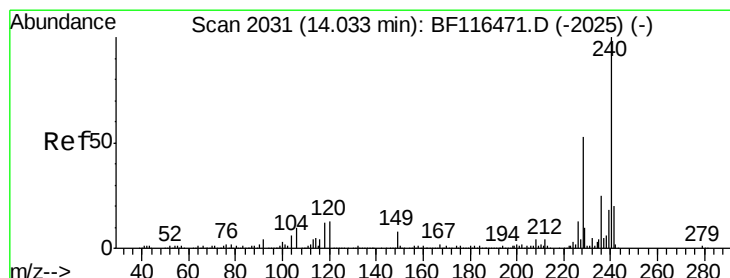
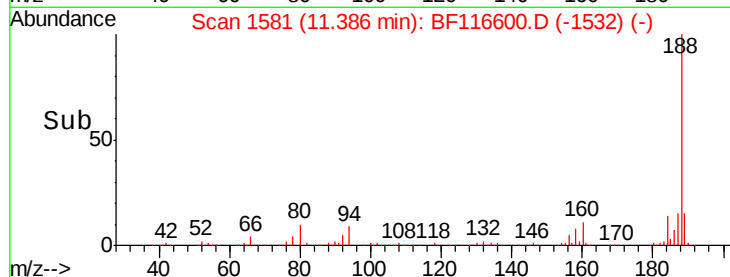
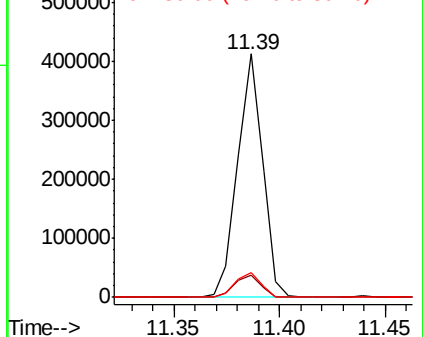
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116600.D
Acq: 27 Aug 2019 23:17

Instrument :
BNA_F
ClientSampleId :
T9-12-13-R-(0-1.9)

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.3	8.6	12.8

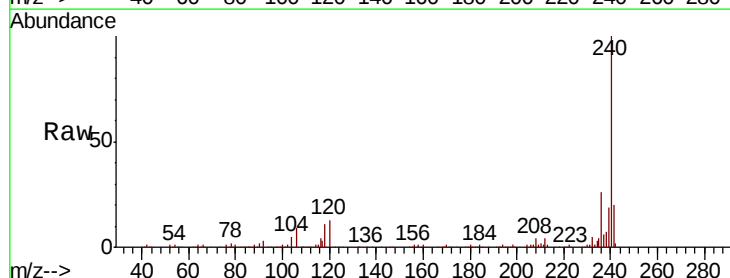


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

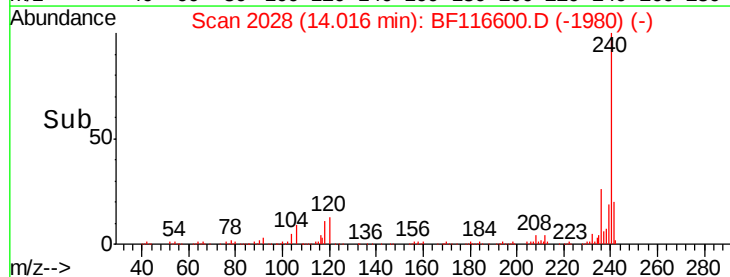
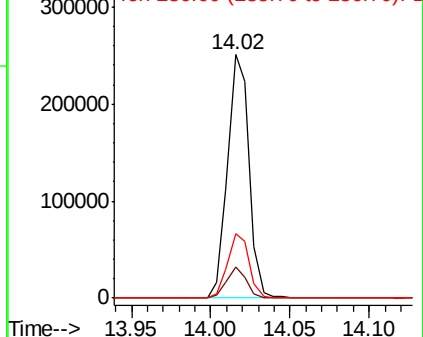


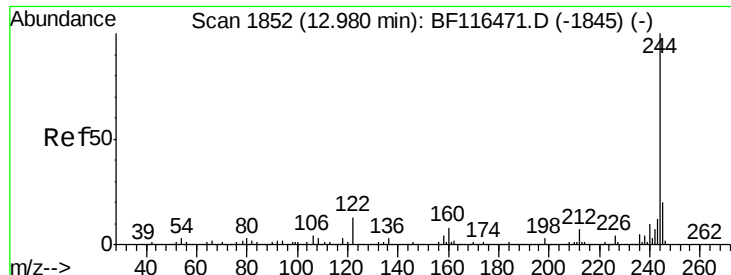
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF116600.D
Acq: 27 Aug 2019 23:17

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.8	10.5	15.7
236	26.4	20.2	30.2



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: 108.173 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116600.D

Acq: 27 Aug 2019 23:17

Instrument :

BNA_F

ClientSampleId :

T9-12-13-R-(0-1.9)

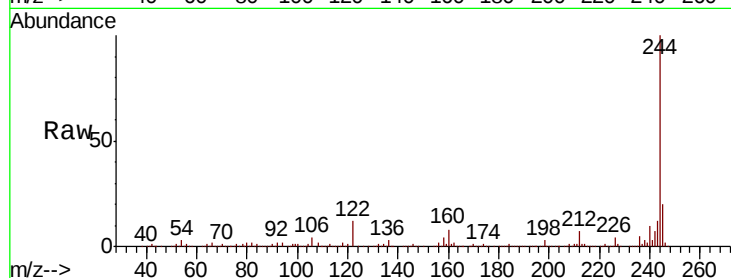
Tot Ion:244 Resp: 1366573

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

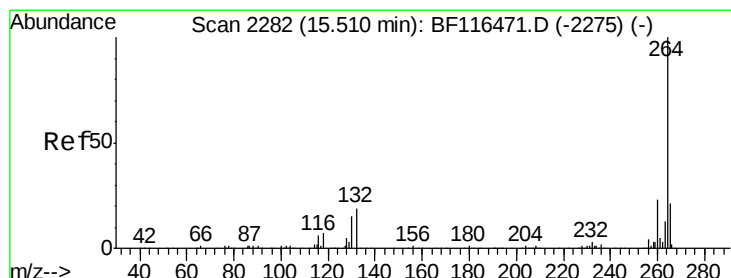
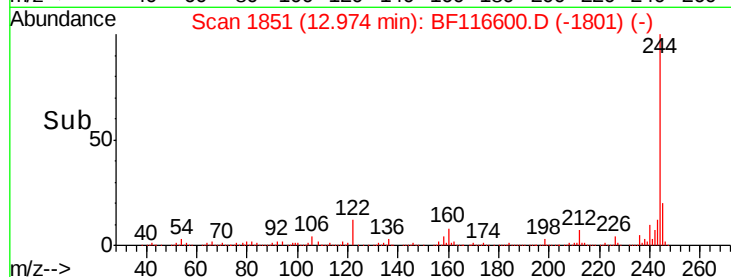
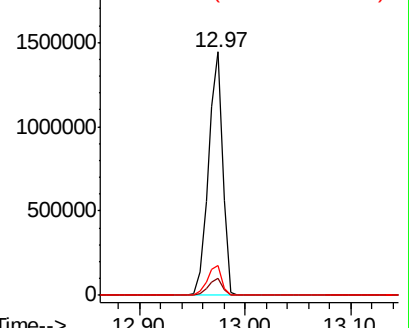
122 12.1 10.2 15.4



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: 15.48 min Scan# 2277

Delta R.T. -0.03 min

Lab File: BF116600.D

Acq: 27 Aug 2019 23:17

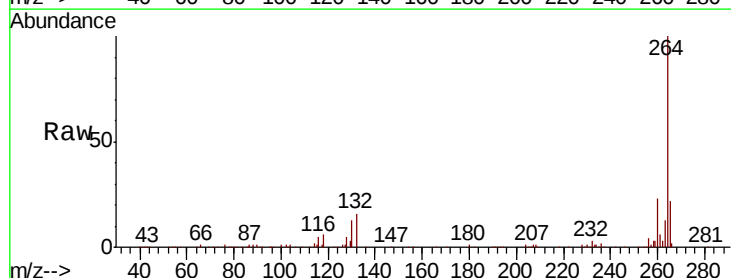
Tgt Ion:264 Resp: 223930

Ion Ratio Lower Upper

264 100

260 23.1 18.8 28.2

265 21.5 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

