

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116211.D
 Acq On : 13 Aug 2019 1:29
 Operator : HP/JU
 Sample : K4158-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-055

Quant Time: Aug 13 02:13:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

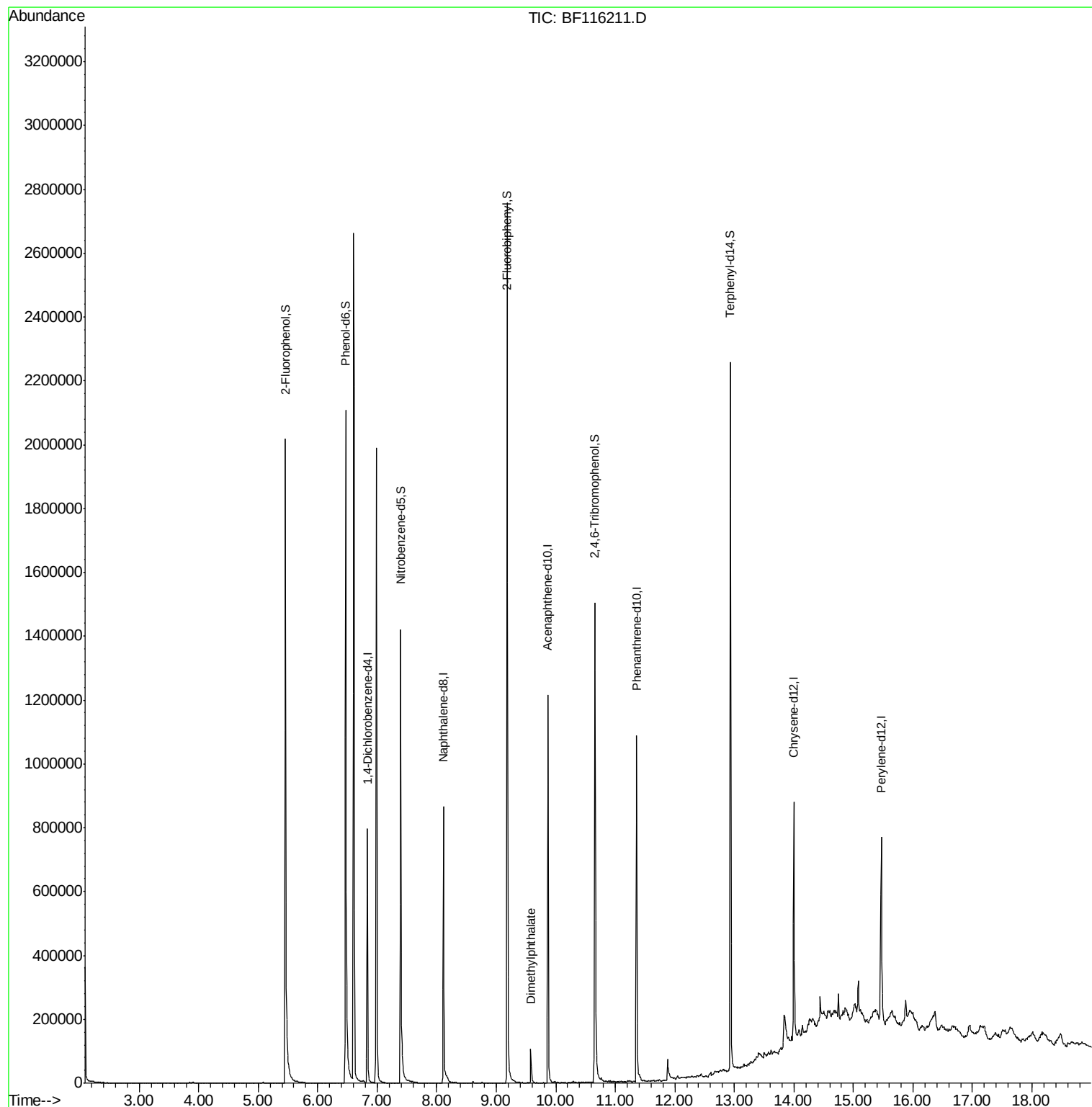
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	120430	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	480904	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	254192	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	437162	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	278951	20.00	ng	-0.01
87) Perylene-d12	15.47	264	327351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	697040	96.89	ng	-0.01
7) Phenol-d6	6.47	99	916235	100.95	ng	-0.02
23) Nitrobenzene-d5	7.39	82	575882	69.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	218737	88.76	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	877994	64.70	ng	-0.02
79) Terphenyl-d14	12.93	244	771852	58.30	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.59	163	59048	3.412	ng	Qvalue 98

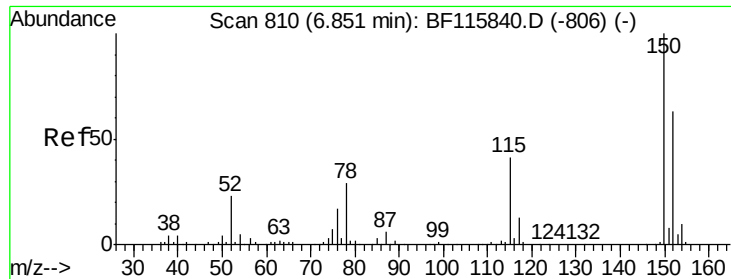
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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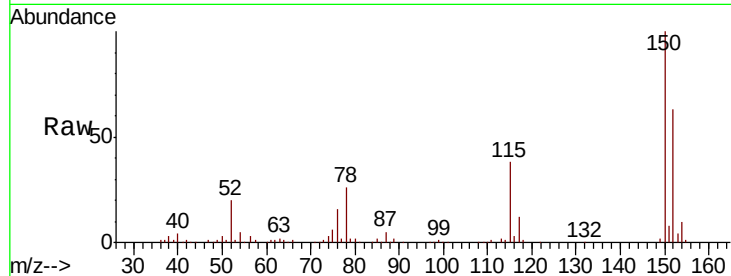


#1

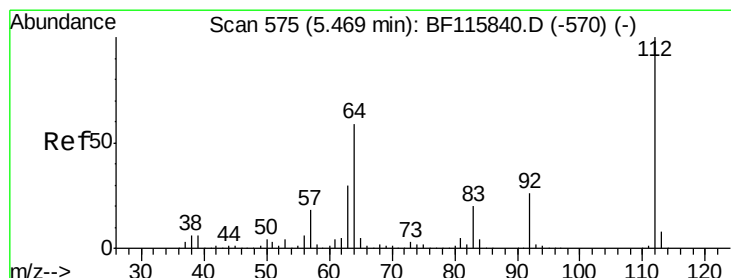
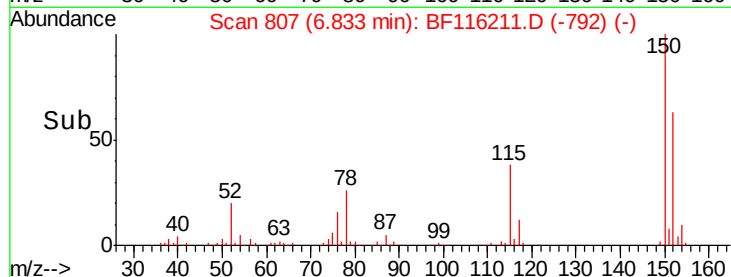
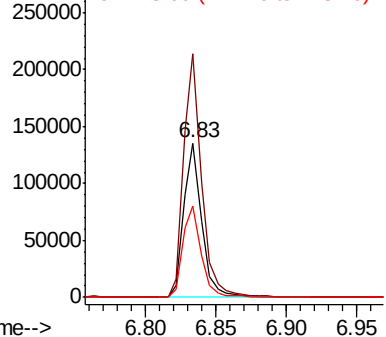
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116211.D
Acq: 13 Aug 2019 1:29

Instrument :
BNA_F
ClientSampleId :
FK-PS-01-055

Tot Ion:152 Resp: 120430
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 59.4 49.9 74.9



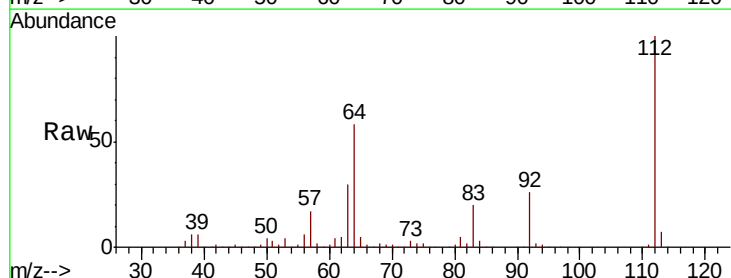
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



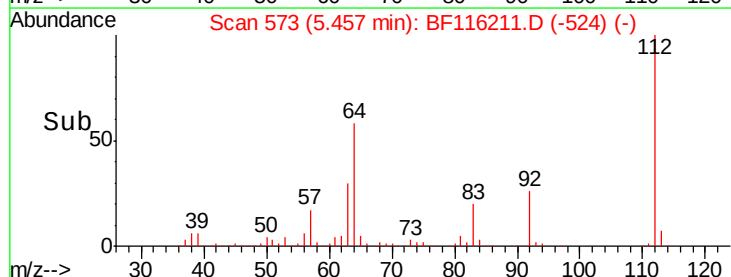
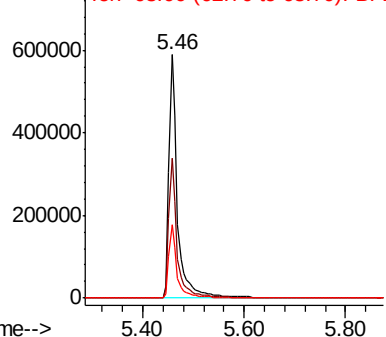
#5

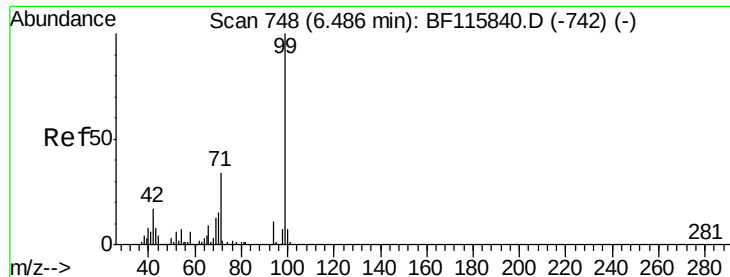
2-Fluorophenol
Concen: 96.893 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116211.D
Acq: 13 Aug 2019 1:29

Tgt Ion:112 Resp: 697040
Ion Ratio Lower Upper
112 100
64 57.6 45.4 68.2
63 30.3 23.7 35.5



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: 100.948 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-055

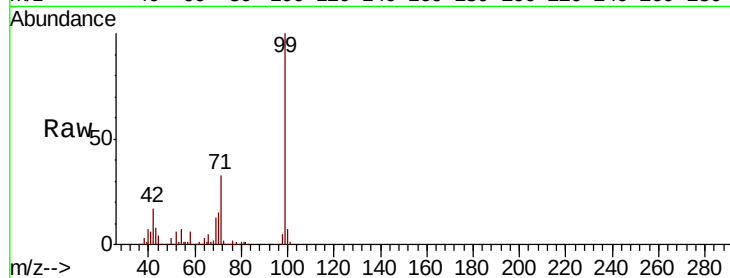
Tot Ion: 99 Resp: 916235

Ion Ratio Lower Upper

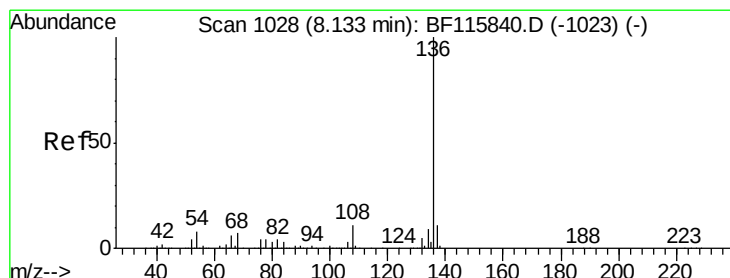
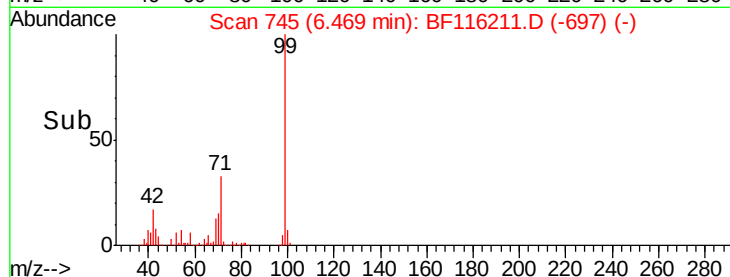
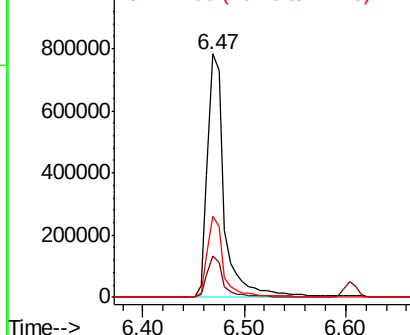
99 100

42 17.2 13.8 20.8

71 33.5 27.3 40.9



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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

Tgt Ion: 136 Resp: 480904

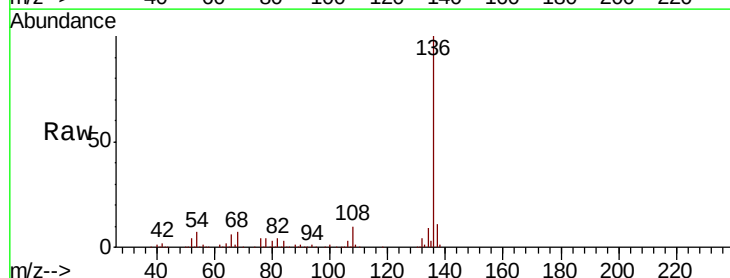
Ion Ratio Lower Upper

136 100

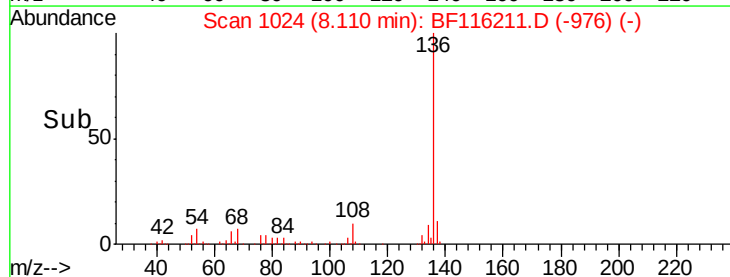
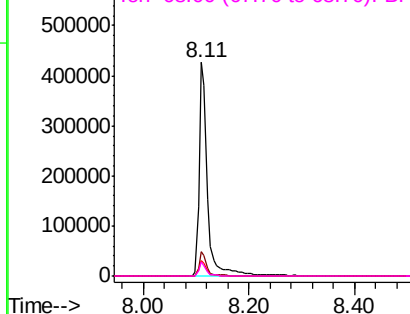
137 11.3 9.0 13.4

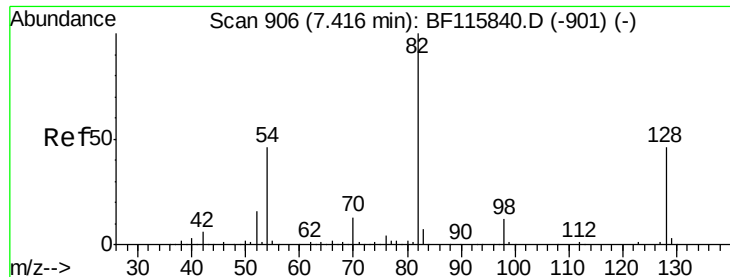
54 7.3 5.8 8.6

68 6.5 5.2 7.8



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

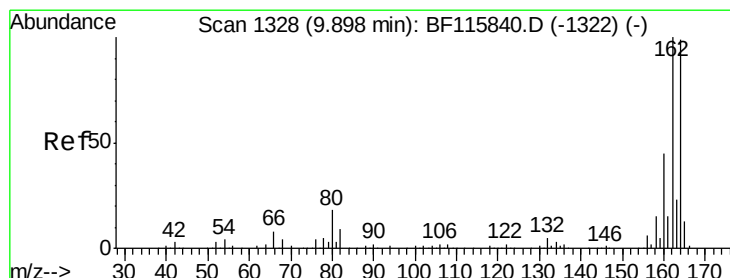
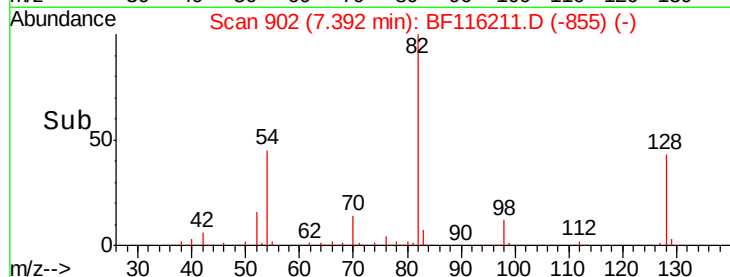
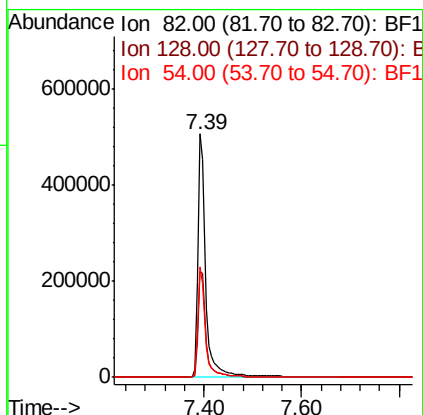
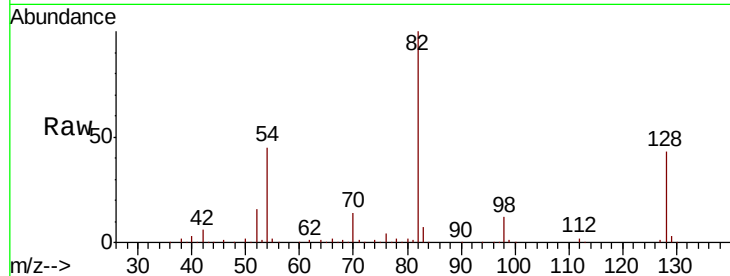




#23
 Nitrobenzene-d5
 Concen: 69.123 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116211.D
 Acq: 13 Aug 2019 1:29

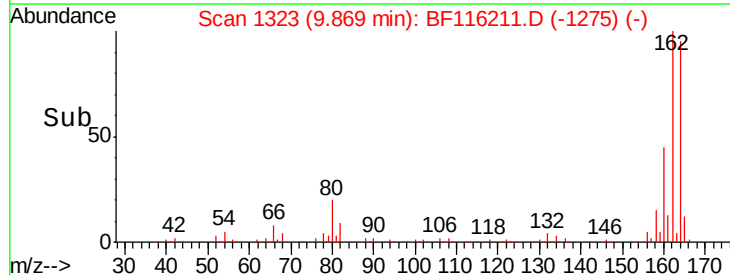
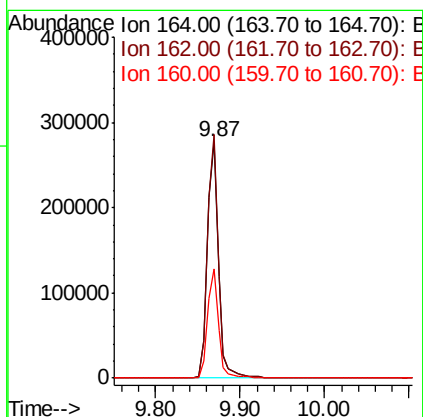
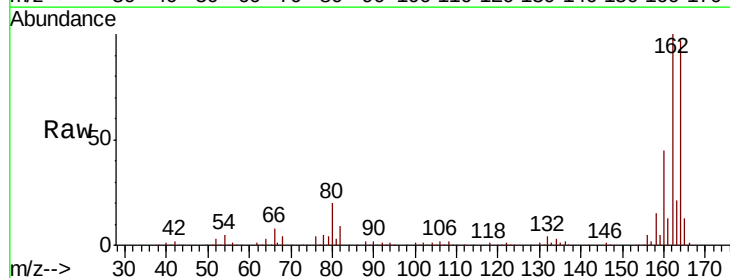
Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-055

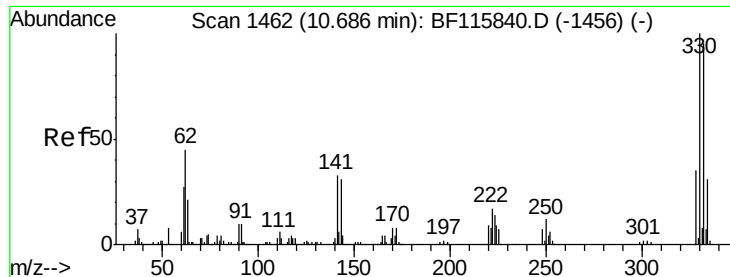
Tot Ion: 82 Resp: 575882
 Ion Ratio Lower Upper
 82 100
 128 43.1 36.5 54.7
 54 45.2 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116211.D
 Acq: 13 Aug 2019 1:29

Tgt Ion: 164 Resp: 254192
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 124.0
 160 46.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 88.756 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-055

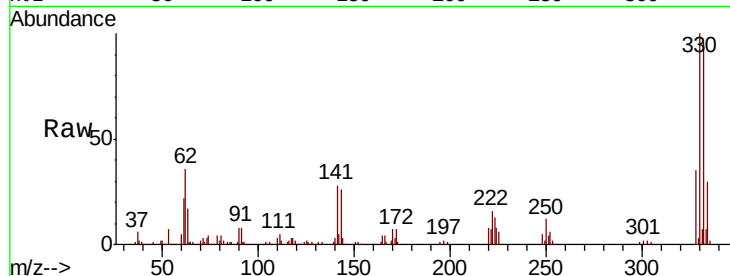
Tot Ion:330 Resp: 218737

Ion Ratio Lower Upper

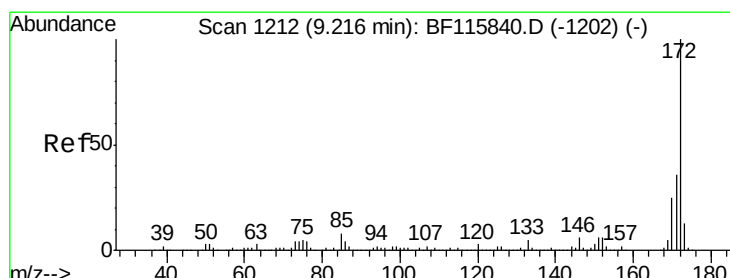
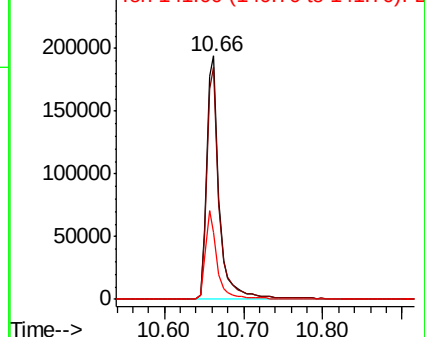
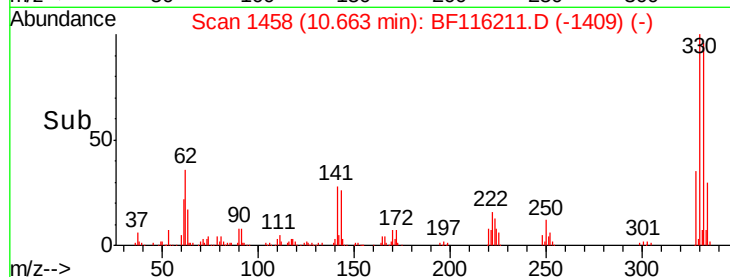
330 100

332 95.9 76.8 115.2

141 34.8 26.3 39.5



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: 64.697 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

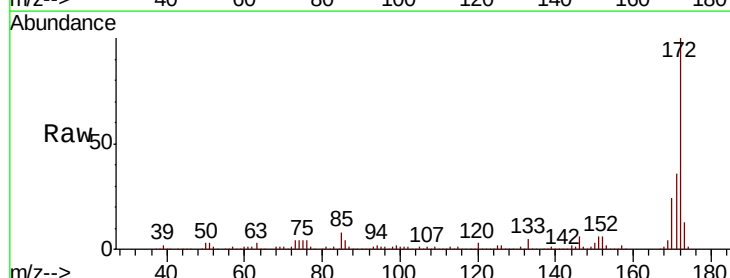
Tgt Ion:172 Resp: 877994

Ion Ratio Lower Upper

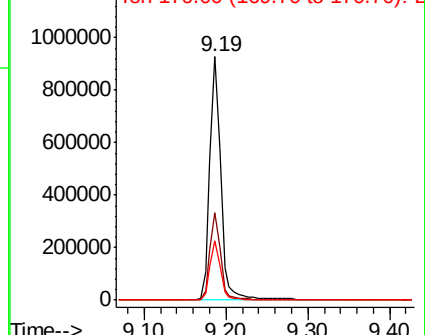
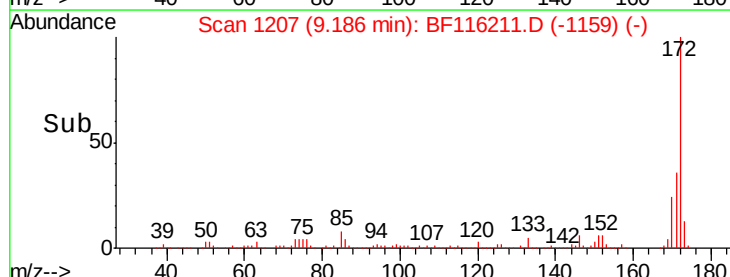
172 100

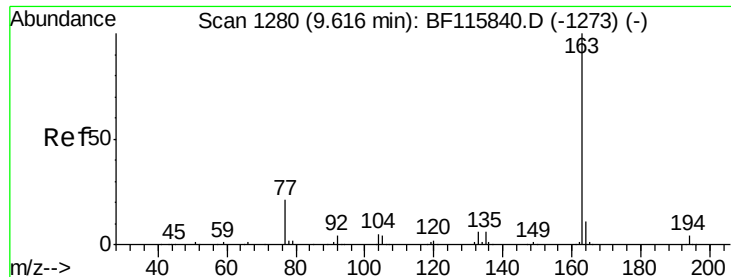
171 35.9 29.6 44.4

170 24.4 20.1 30.1



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





#50

Dimethylphthalate

Concen: 3.412 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

Instrument :

BNA_F

ClientSampleId :

FK-PS-01-055

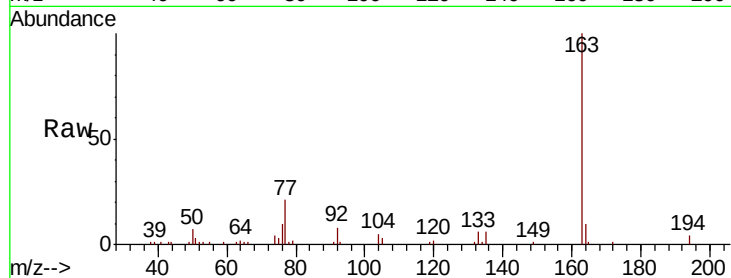
Tot Ion:163 Resp: 59048

Ion Ratio Lower Upper

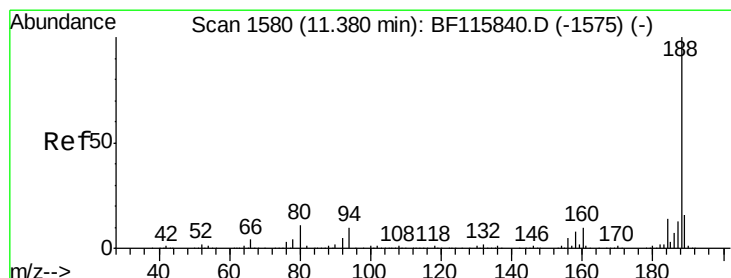
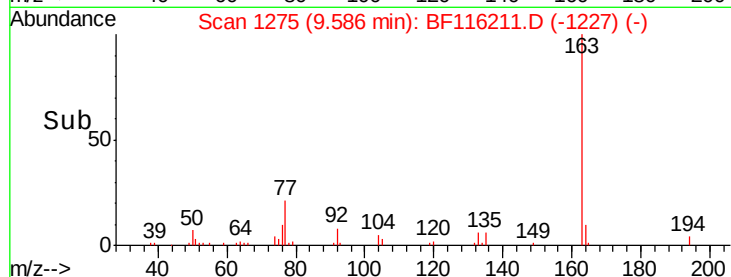
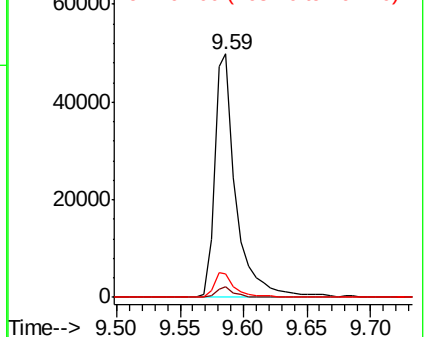
163 100

194 4.1 3.0 4.6

164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116211.D

Acq: 13 Aug 2019 1:29

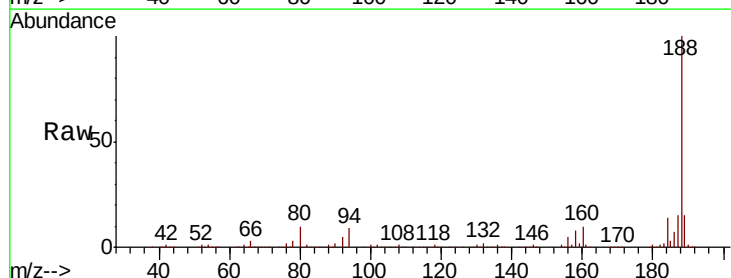
Tgt Ion:188 Resp: 437162

Ion Ratio Lower Upper

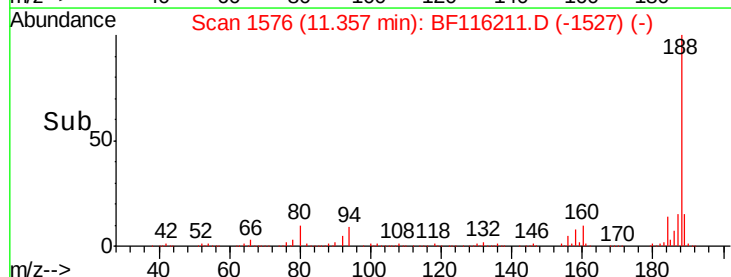
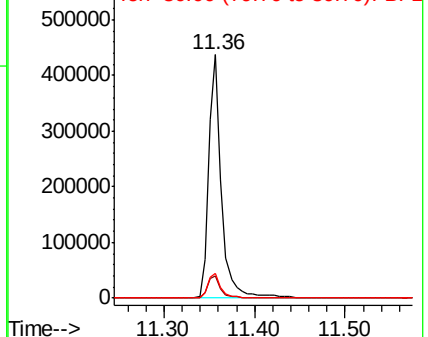
188 100

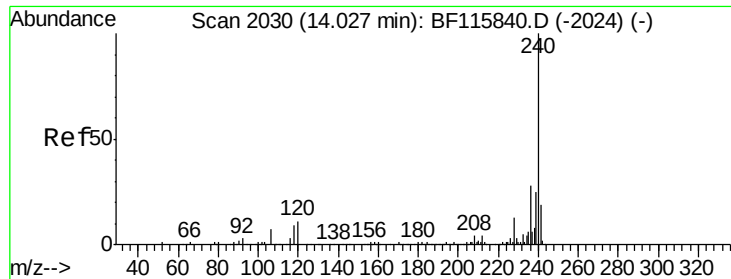
94 9.2 8.1 12.1

80 10.0 8.7 13.1



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

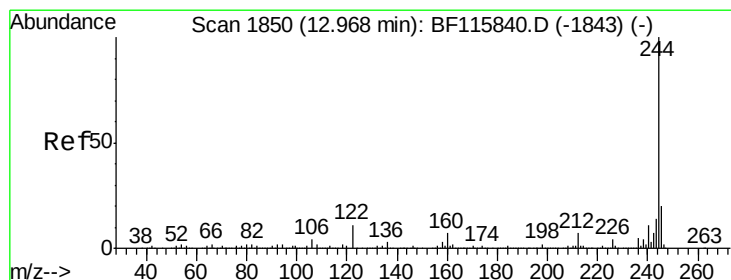
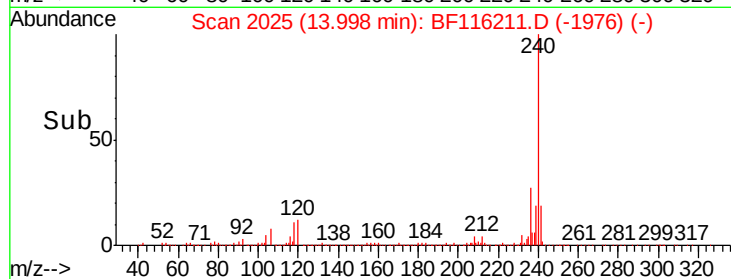
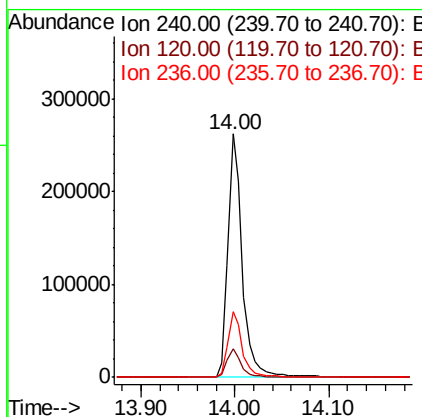
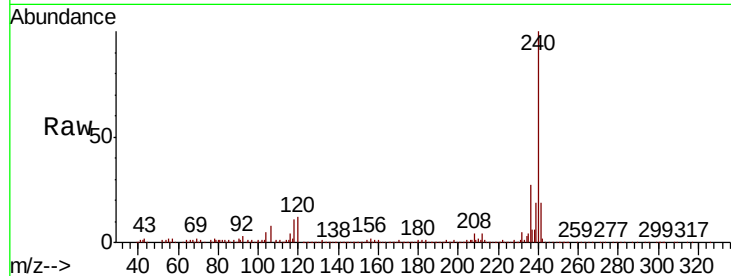




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116211.D
 Acq: 13 Aug 2019 1:29

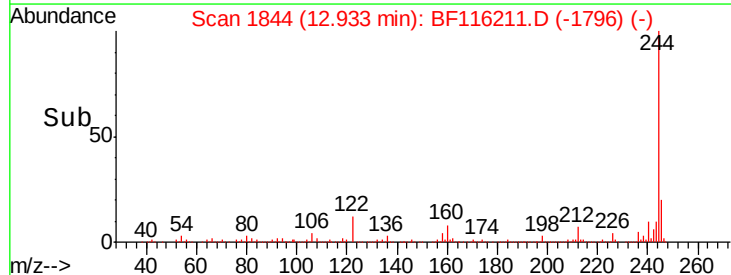
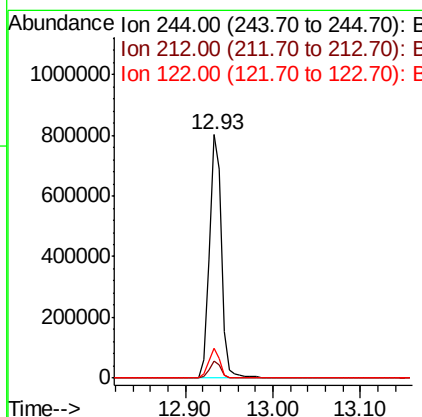
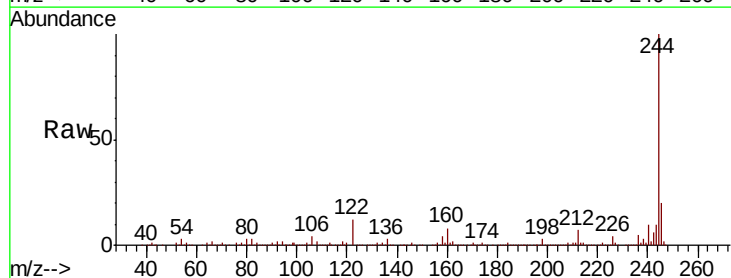
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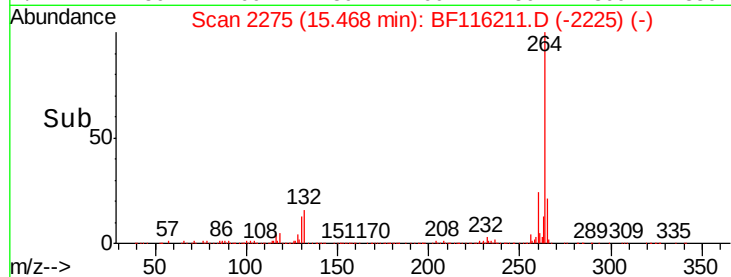
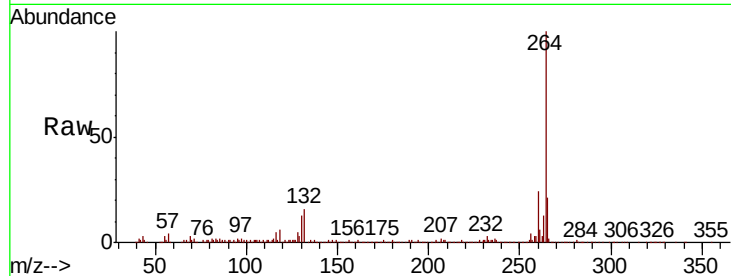
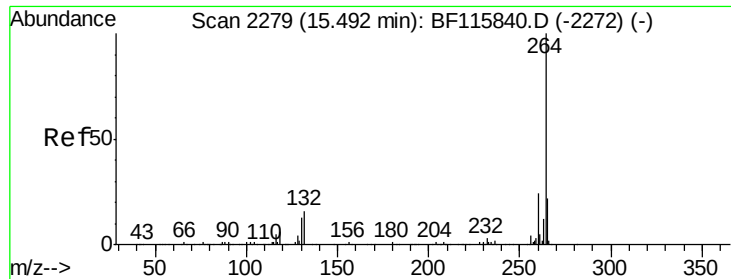
Tot Ion:240 Resp: 278951
 Ion Ratio Lower Upper
 240 100
 120 11.9 10.7 16.1
 236 27.1 22.2 33.2



#79
 Terphenyl-d14
 Concen: 58.305 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BF116211.D
 Acq: 13 Aug 2019 1:29

Tgt Ion:244 Resp: 771852
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 12.4 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116211.D
 Acq: 13 Aug 2019 1:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-055

Tot Ion:	264	Resp:	327351
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.4	17.4	26.0

