

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071719\
 Data File : BF115628.D
 Acq On : 17 Jul 2019 18:03
 Operator : HP/JU
 Sample : K3835-25
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)

Quant Time: Jul 18 05:27:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

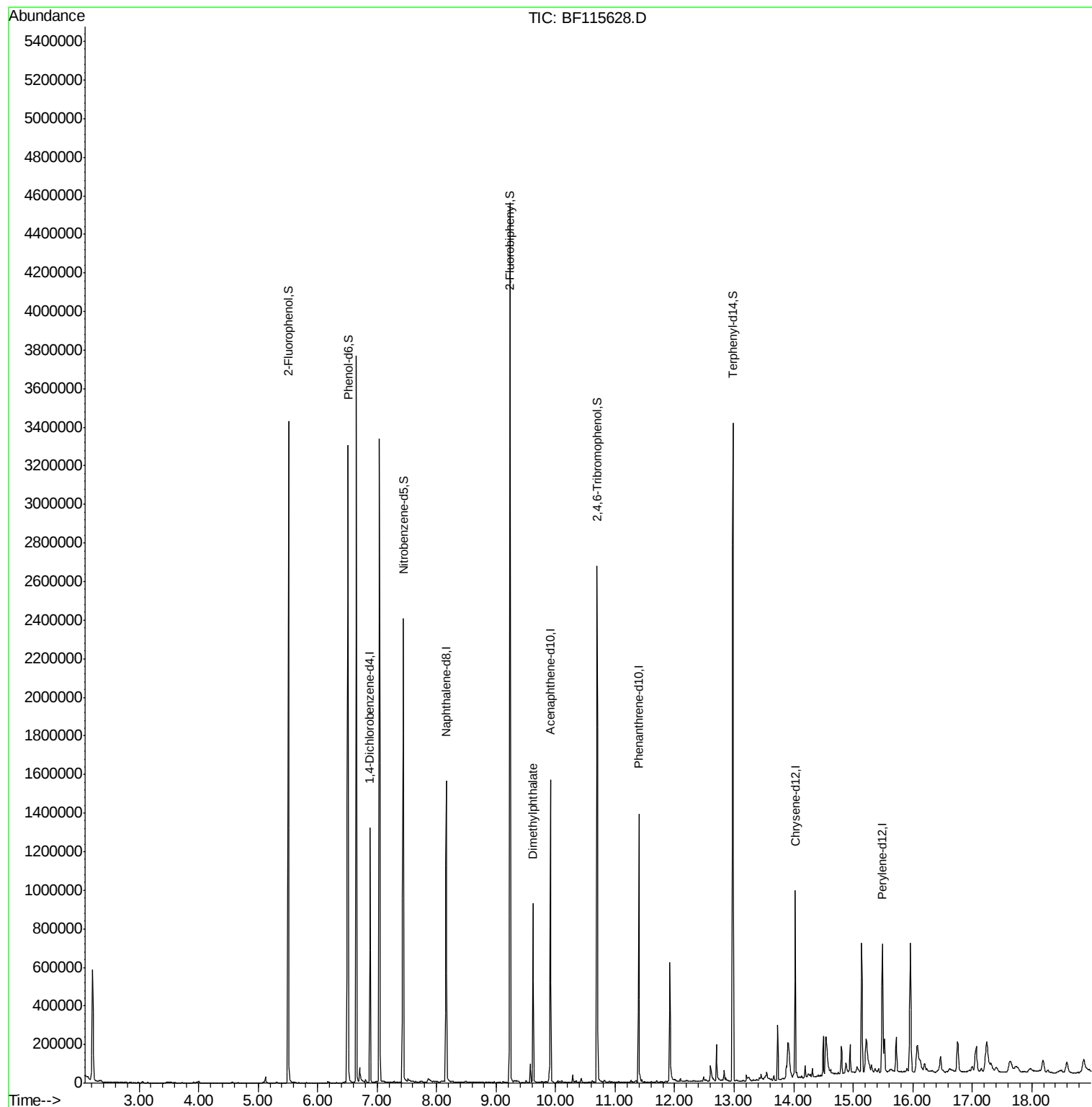
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	177085	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	690276	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	326736	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	503557	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	290047	20.00	ng	-0.02
87) Perylene-d12	15.49	264	300221	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1014272	93.69	ng	0.00
7) Phenol-d6	6.51	99	1365926	99.43	ng	0.00
23) Nitrobenzene-d5	7.44	82	832285	70.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	345234	90.52	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1485345	79.57	ng	-0.02
79) Terphenyl-d14	12.98	244	1181231	75.15	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	342117	13.917	ng	Qvalue 99

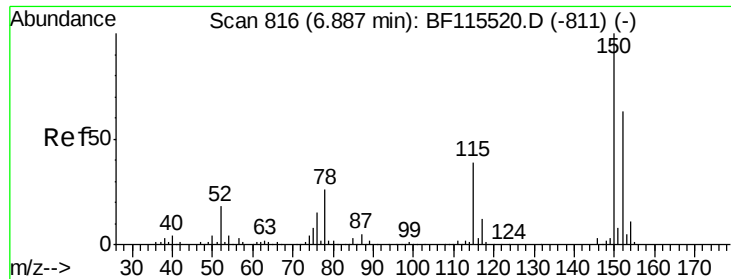
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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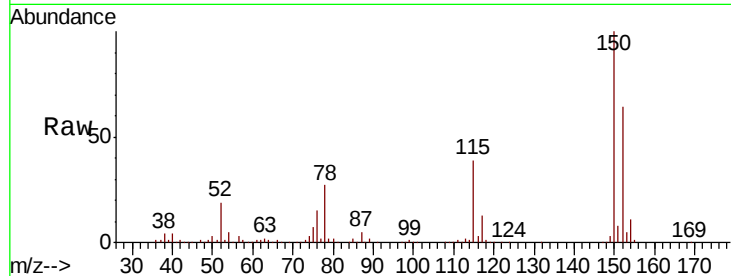


#1

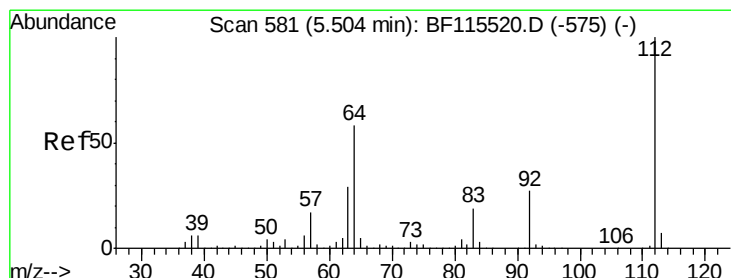
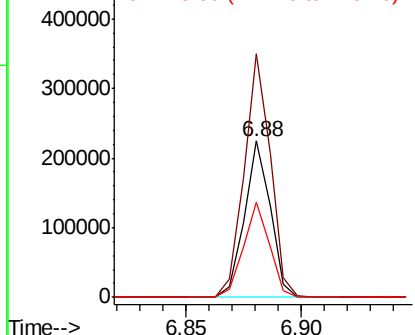
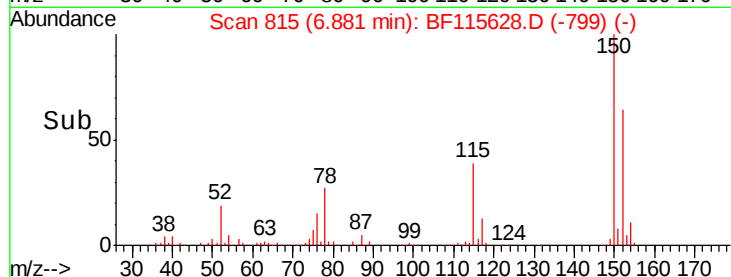
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

Instrument :
BNA_F
ClientSampleId :
SB-9(0-2)

Tot Ion:152 Resp: 177085
Ion Ratio Lower Upper
152 100
150 155.8 129.7 194.5
115 61.1 48.2 72.4



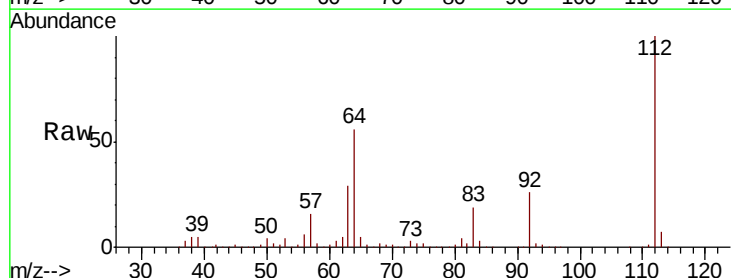
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



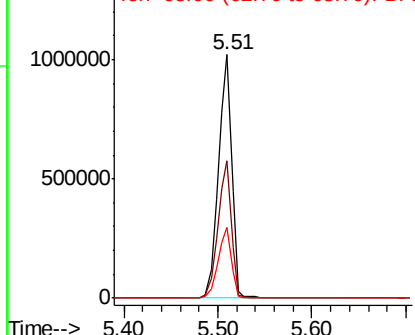
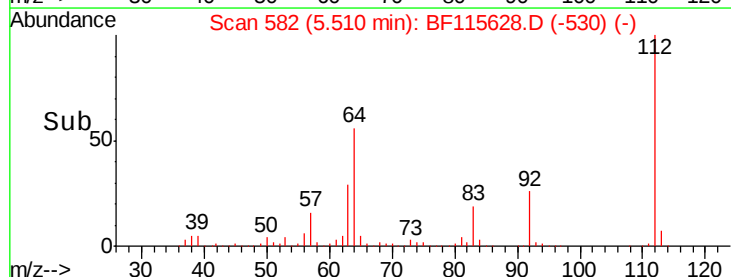
#5

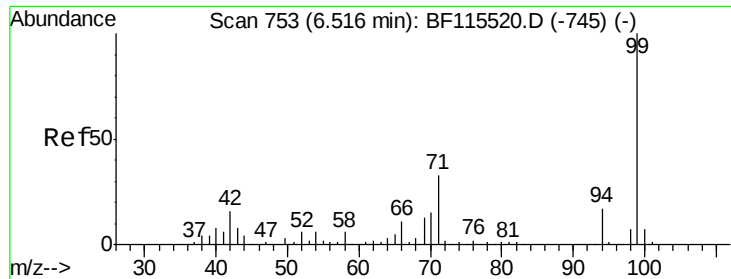
2-Fluorophenol
Concen: 93.687 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

Tgt Ion:112 Resp: 1014272
Ion Ratio Lower Upper
112 100
64 56.5 46.8 70.2
63 28.9 24.1 36.1



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: 99.433 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115628.D

Acq: 17 Jul 2019 18:03

Instrument :

BNA_F

ClientSampleId :

SB-9(0-2)

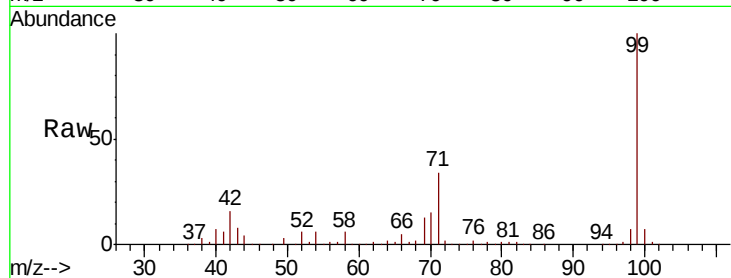
Tot Ion: 99 Resp: 1365926

Ion Ratio Lower Upper

99 100

42 16.3 13.6 20.4

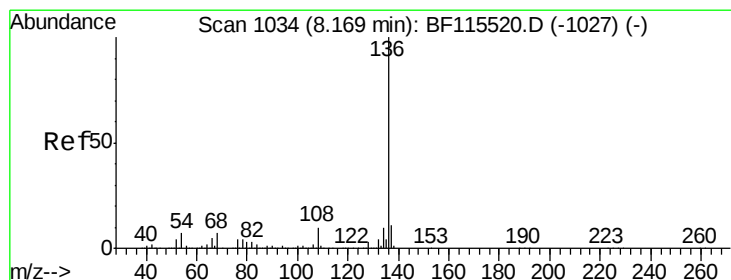
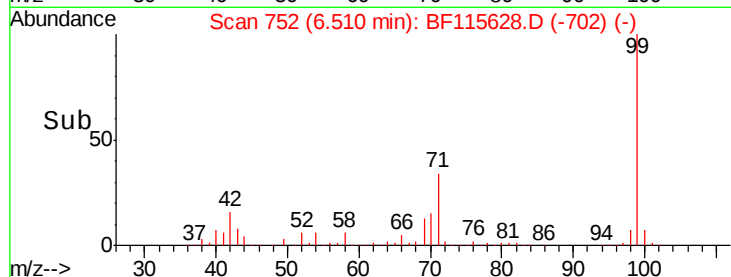
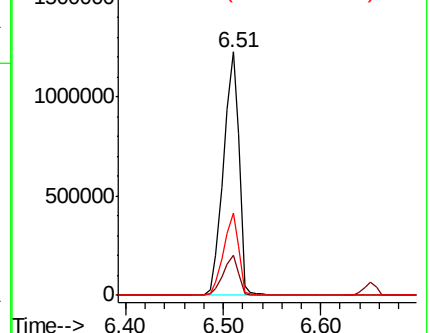
71 33.8 28.5 42.7



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: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF115628.D

Acq: 17 Jul 2019 18:03

Tgt Ion: 136 Resp: 690276

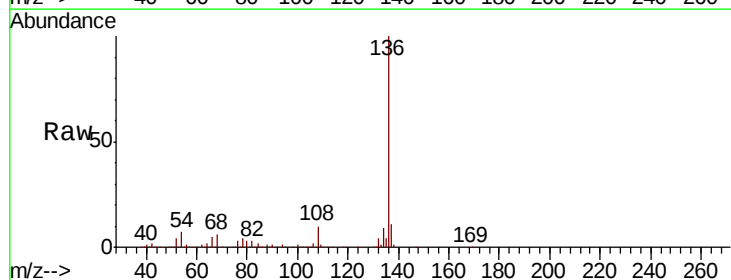
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.6 5.6 8.4

68 6.3 5.0 7.6

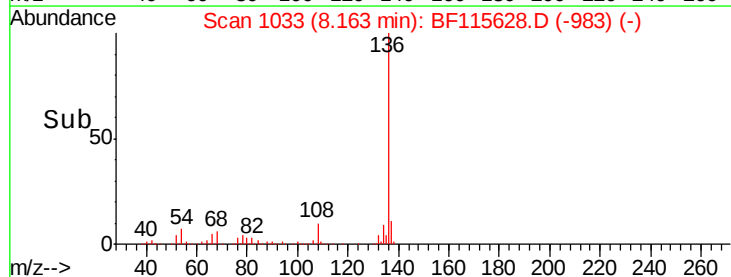
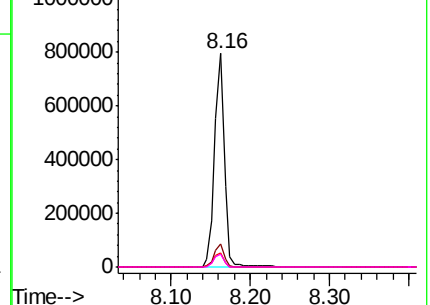


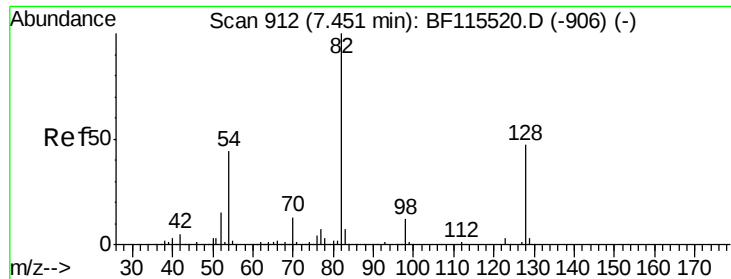
Abundance Ion 136.00 (135.70 to 136.70): E

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

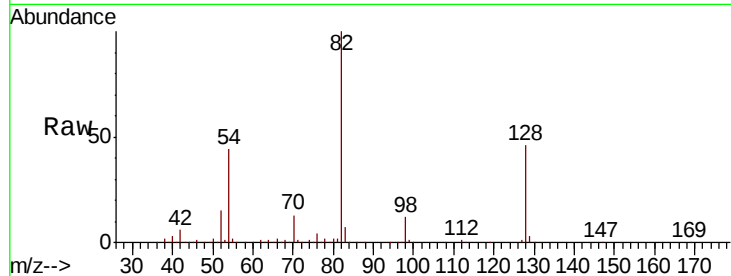




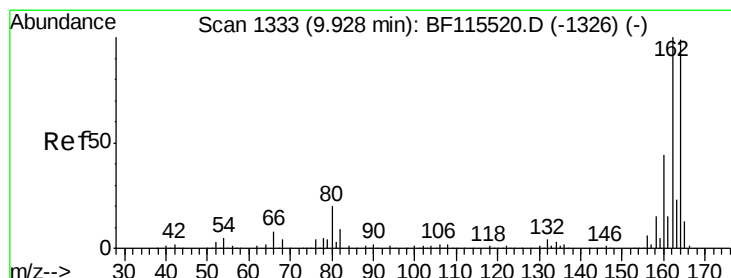
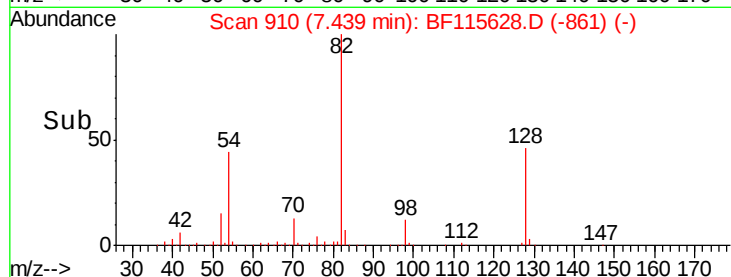
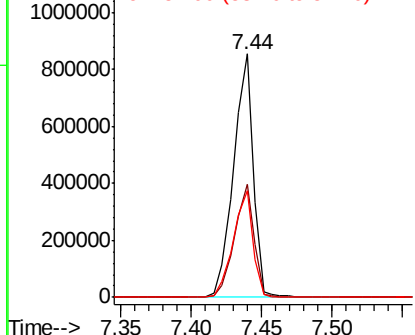
#23
 Nitrobenzene-d5
 Concen: 70.109 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.01 min
 Lab File: BF115628.D
 Acq: 17 Jul 2019 18:03

Instrument :
 BNA_F
 ClientSampled :
 SB-9(0-2)

Tot Ion	82	Resp	832285
Ion Ratio	Lower	Upper	
82	100		
128	46.3	38.6	57.8
54	43.7	35.6	53.4

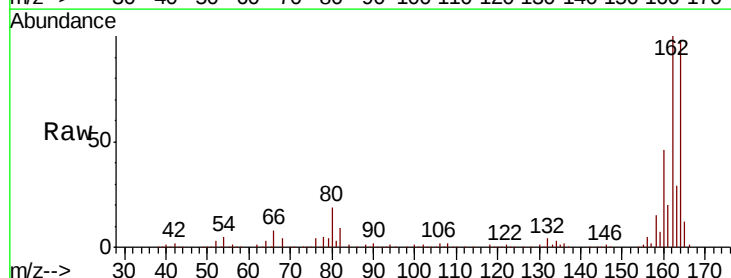


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

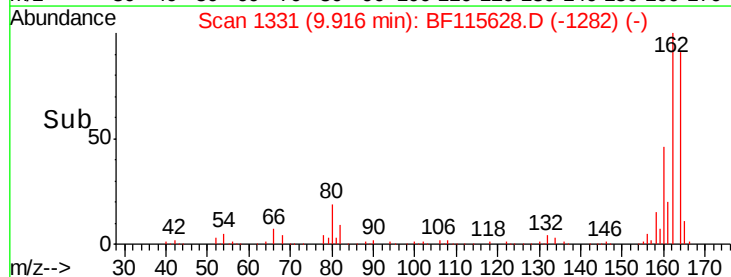
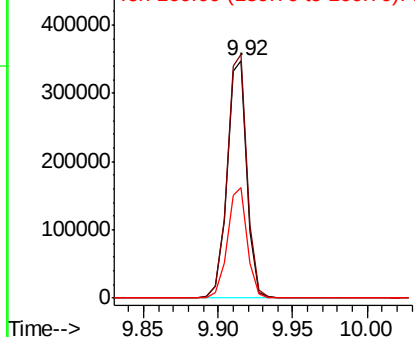


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF115628.D
 Acq: 17 Jul 2019 18:03

Tgt Ion	164	Resp	326736
Ion Ratio	Lower	Upper	
164	100		
162	102.4	82.9	124.3
160	46.8	36.8	55.2



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

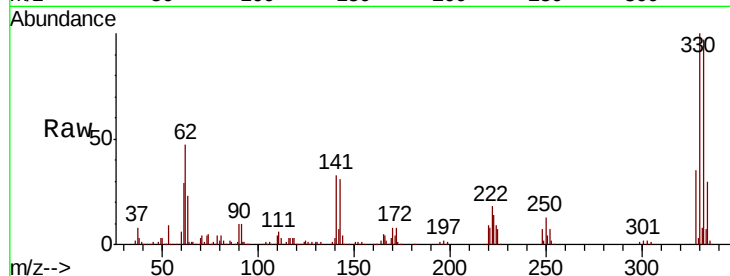




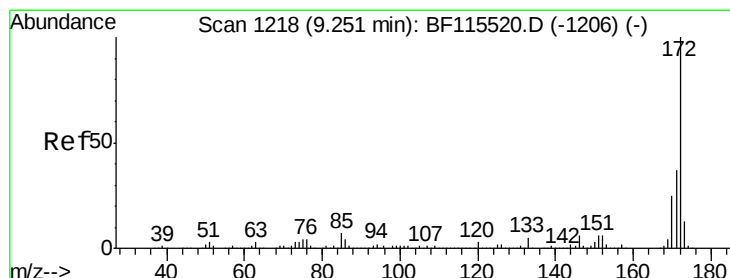
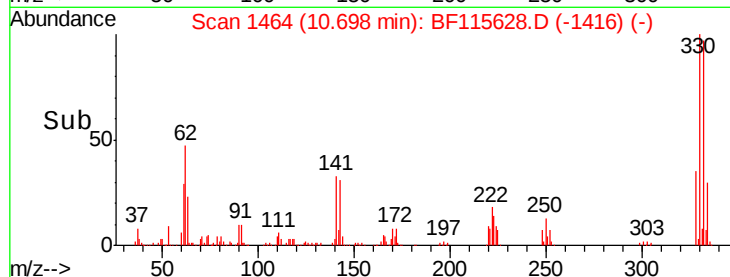
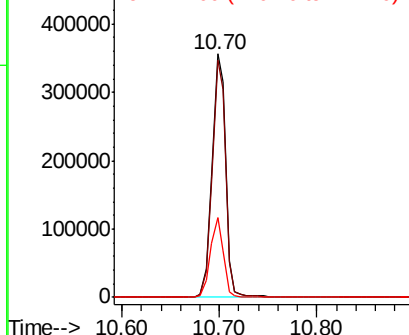
#42
 2,4,6-Tribromophenol
 Concen: 90.522 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115628.D
 Acq: 17 Jul 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)

Tot Ion:330 Resp: 345234
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 31.4 22.4 33.6

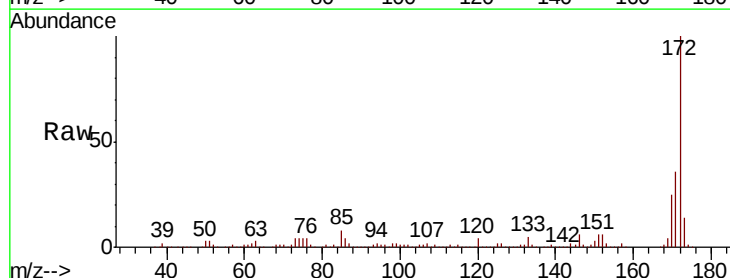


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

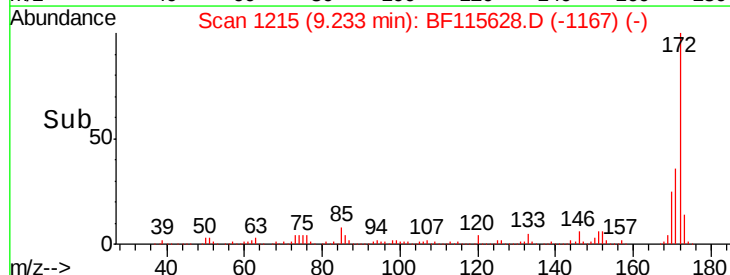
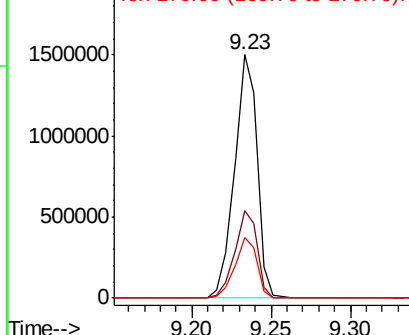


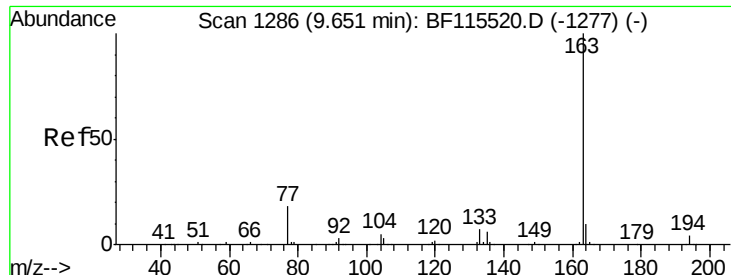
#45
 2-Fluorobiphenyl
 Concen: 79.568 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF115628.D
 Acq: 17 Jul 2019 18:03

Tgt Ion:172 Resp: 1485345
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.6 46.0
 170 25.0 20.5 30.7



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

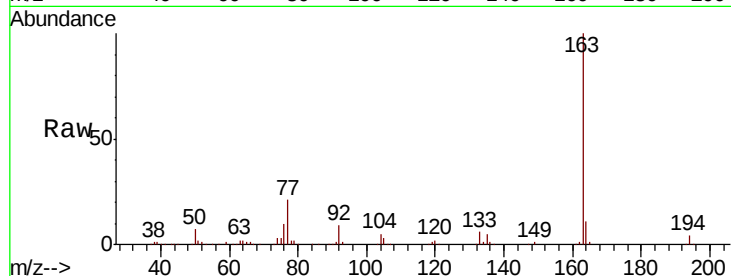




#50
Dimethylphthalate
Concen: 13.917 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.03 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

Instrument :
BNA_F
ClientSampled :
SB-9(0-2)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.3	4.9
164	10.5	8.7	13.1

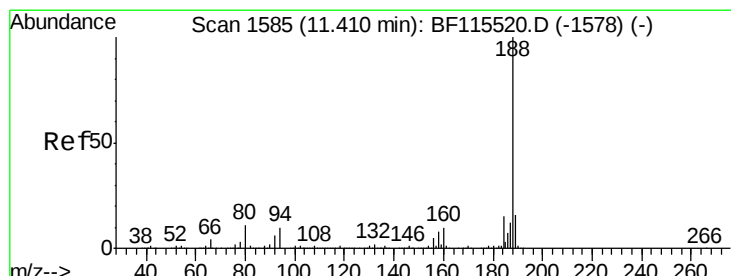
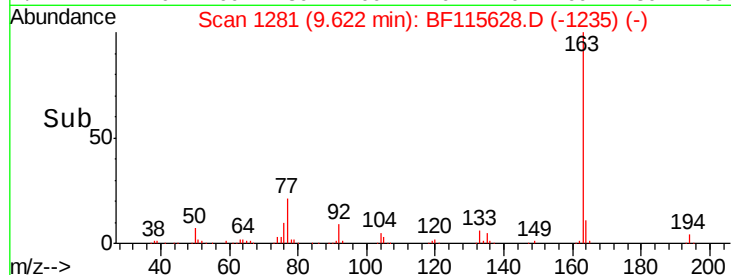
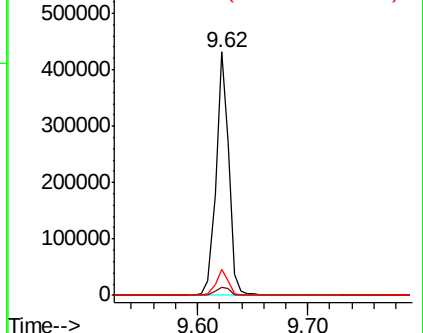


Abundance

Ion 163.00 (162.70 to 163.70): E

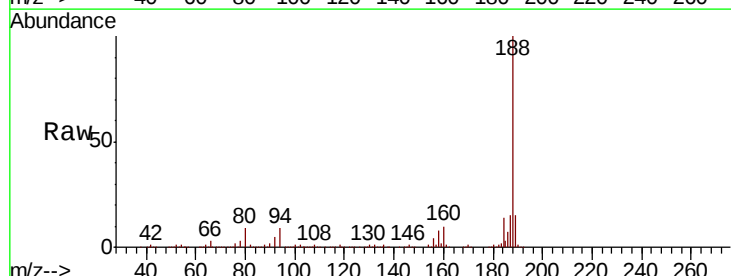
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF115628.D
Acq: 17 Jul 2019 18:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.8	11.6
80	9.4	8.6	13.0

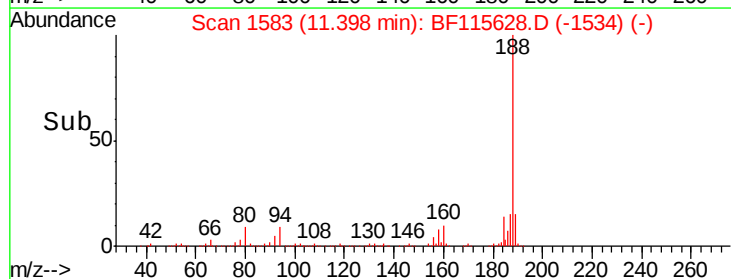
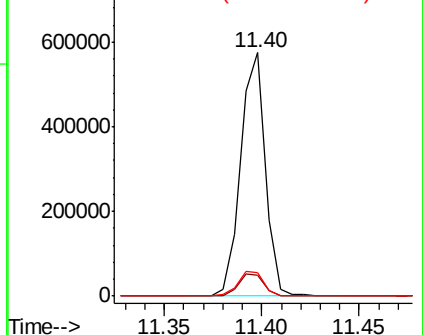


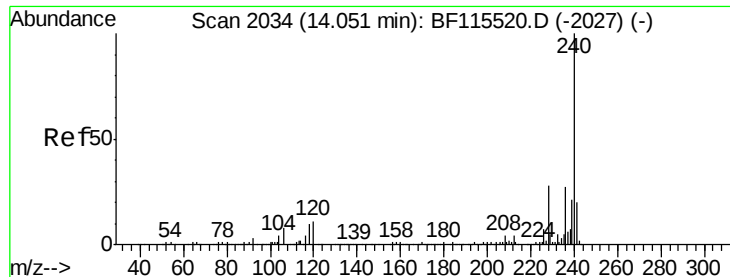
Abundance

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

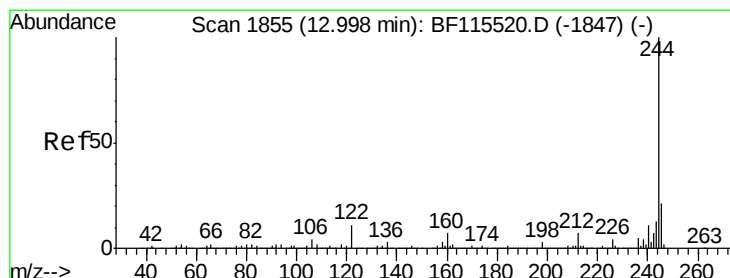
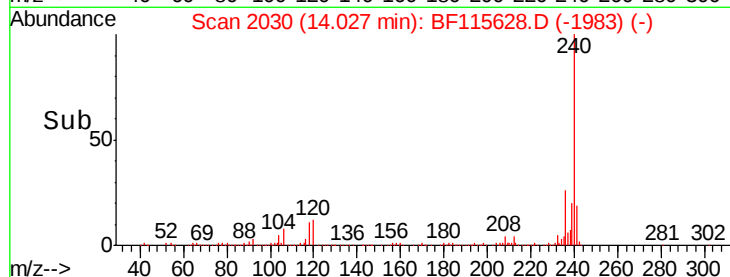
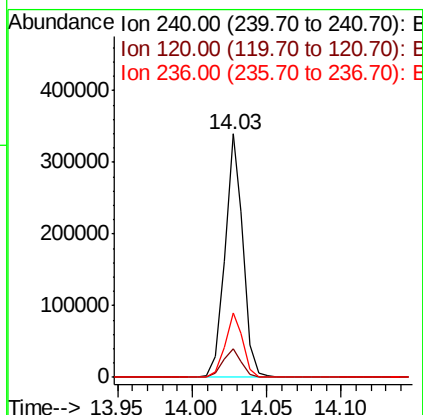
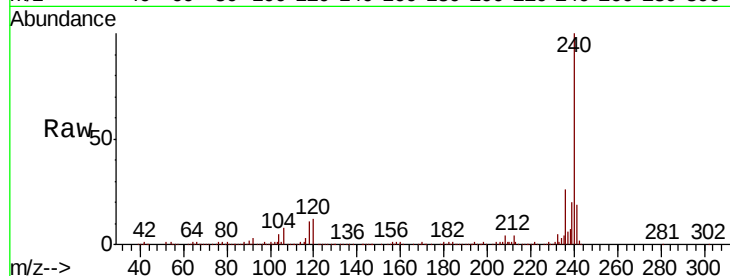




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF115628.D
 Acq: 17 Jul 2019 18:03

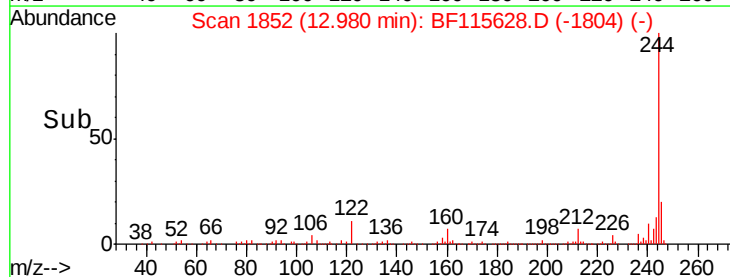
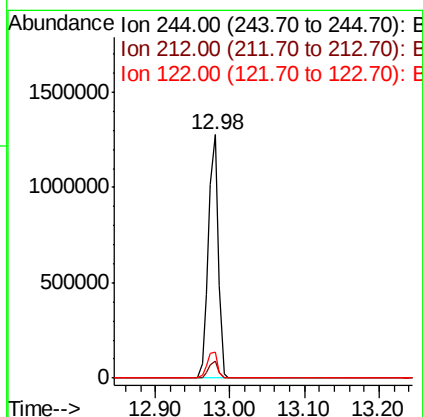
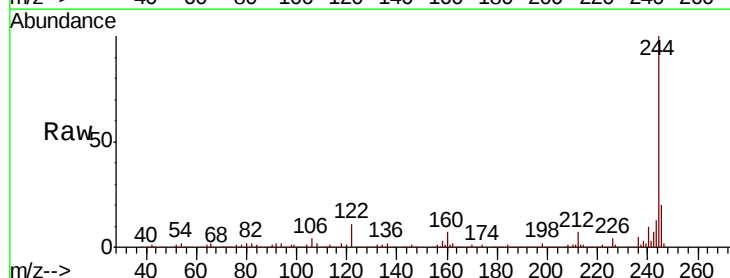
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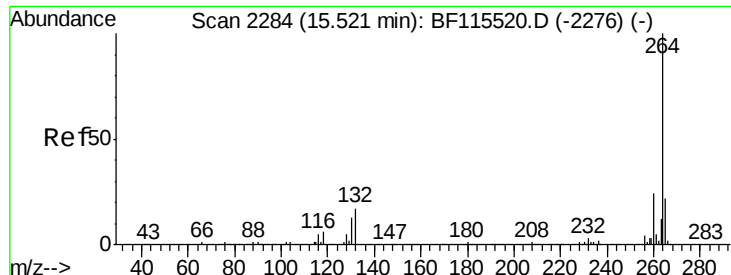
Tot Ion:240 Resp: 290047
 Ion Ratio Lower Upper
 240 100
 120 11.7 8.6 13.0
 236 26.3 21.3 31.9



#79
 Terphenyl-d14
 Concen: 75.145 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115628.D
 Acq: 17 Jul 2019 18:03

Tgt Ion:244 Resp: 1181231
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.7 8.6 12.8

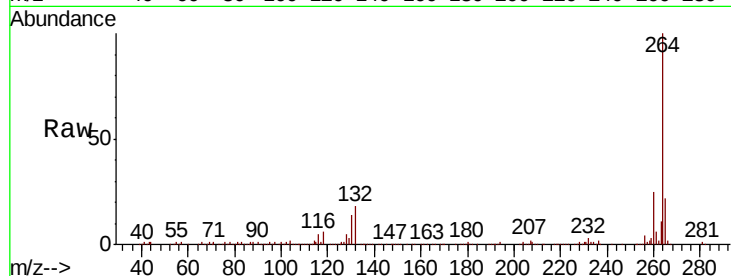




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.03 min
 Lab File: BF115628.D
 Acq: 17 Jul 2019 18:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-9(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.8	29.8
265	22.1	17.7	26.5



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

