

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115793.D
 Acq On : 26 Jul 2019 18:17
 Operator : HP/JU
 Sample : K3626-16
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-072519-B

Quant Time: Jul 27 00:10:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	151725	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	594577	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	325599	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	610736	20.00	ng	0.00
76) Chrysene-d12	14.03	240	493902	20.00	ng	0.00
87) Perylene-d12	15.50	264	445148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1029838	111.02	ng	0.01
7) Phenol-d6	6.50	99	1151218	97.81	ng	0.00
23) Nitrobenzene-d5	7.43	82	996604	97.46	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	498668	131.21	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1805642	97.06	ng	0.00
79) Terphenyl-d14	12.98	244	2293094	85.67	ng	0.00

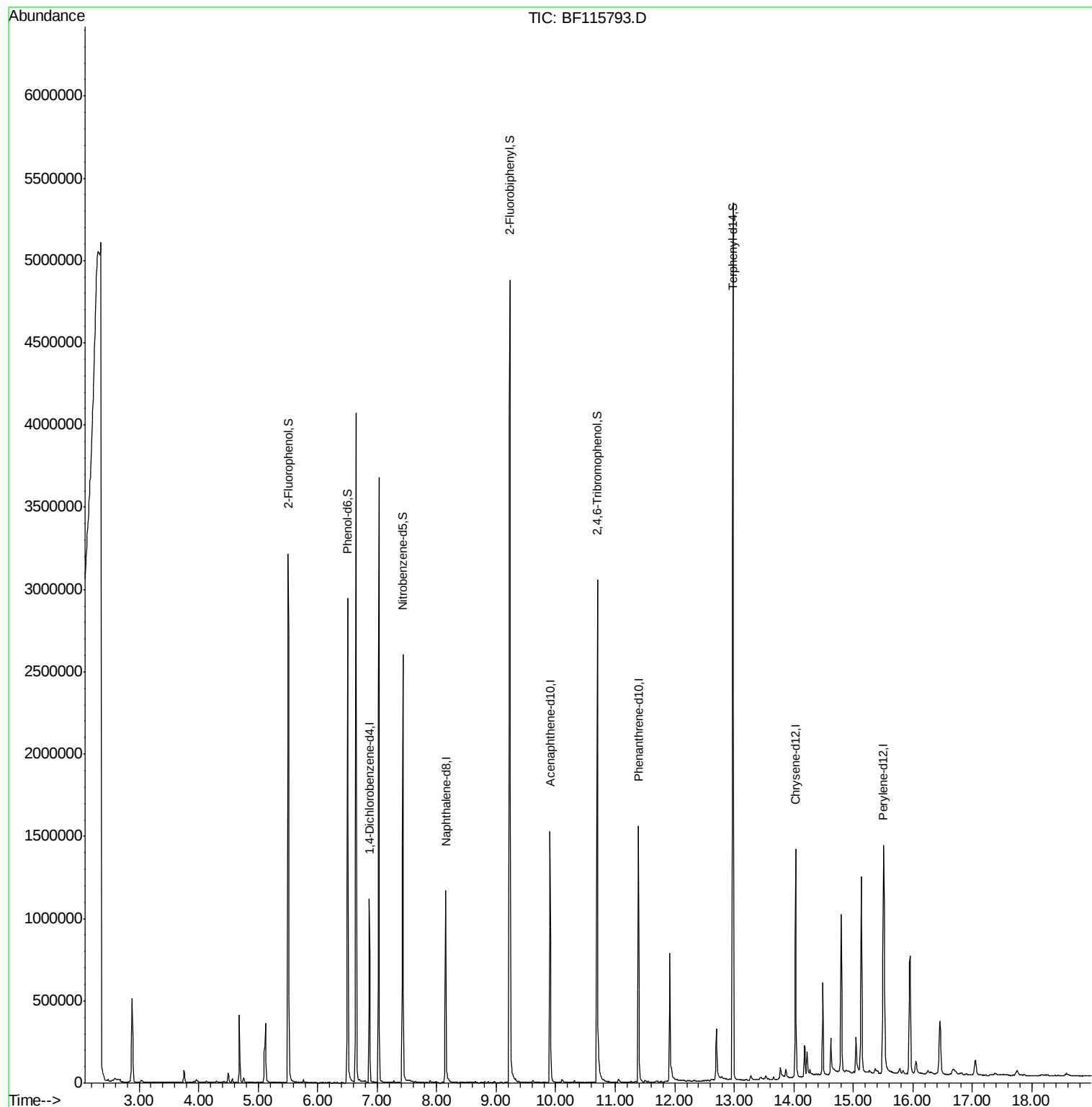
Target Compounds Qvalue

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

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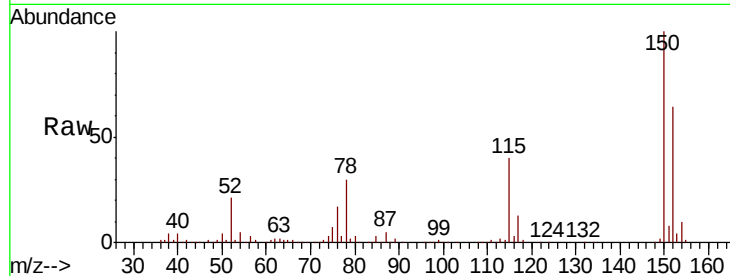


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF115793.D
 Acq: 26 Jul 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-072519-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.6	189.8
115	62.4	47.8	71.6

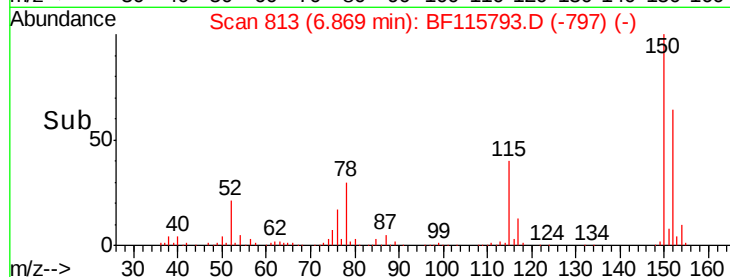
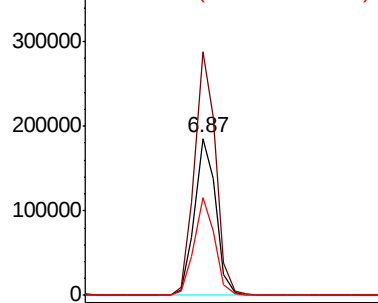


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

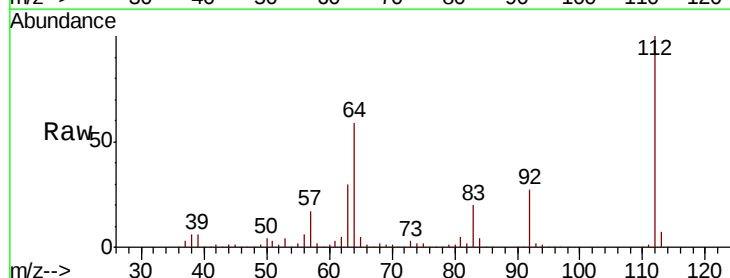
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 111.024 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF115793.D
 Acq: 26 Jul 2019 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.8	68.8
63	30.1	23.6	35.4

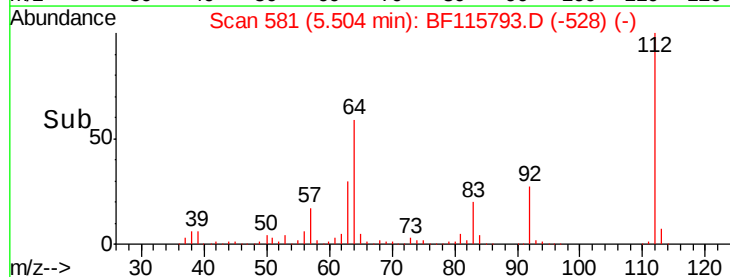
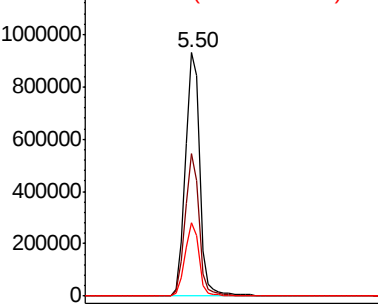


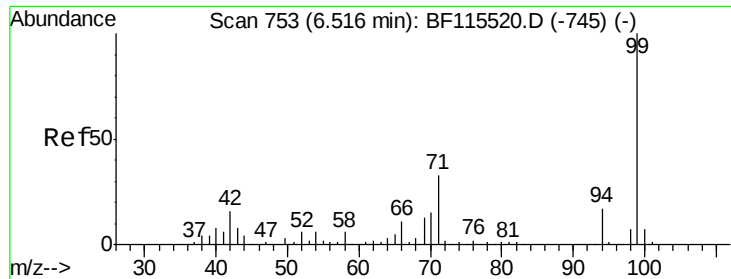
Abundance

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: 97.810 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF115793.D

Acq: 26 Jul 2019 18:17

Instrument :

BNA_F

ClientSampleId :

SU-03-072519-B

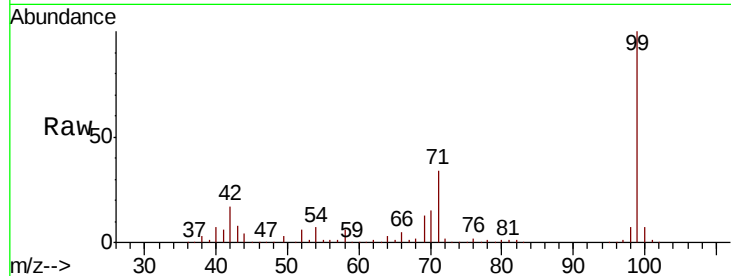
Tot Ion: 99 Resp: 1151218

Ion Ratio Lower Upper

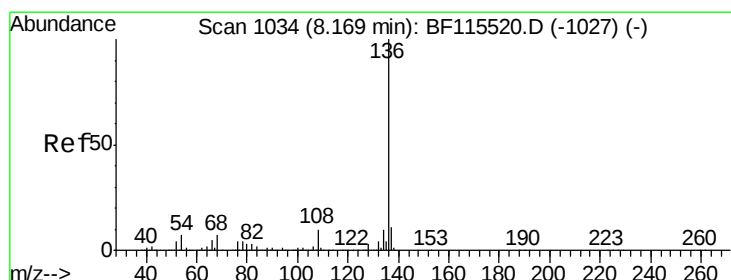
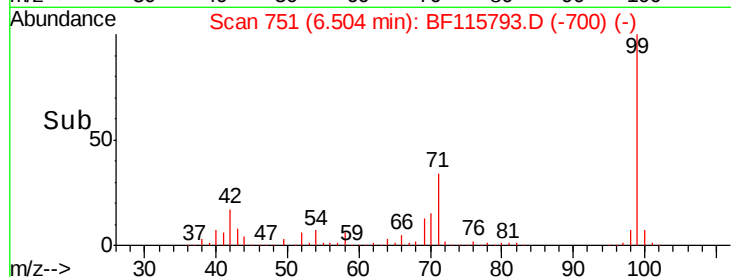
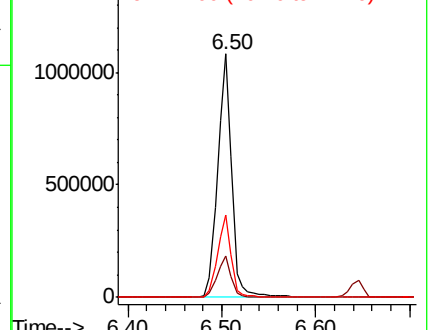
99 100

42 16.9 13.4 20.2

71 33.8 26.7 40.1



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: BF115793.D

Acq: 26 Jul 2019 18:17

Tgt Ion: 136 Resp: 594577

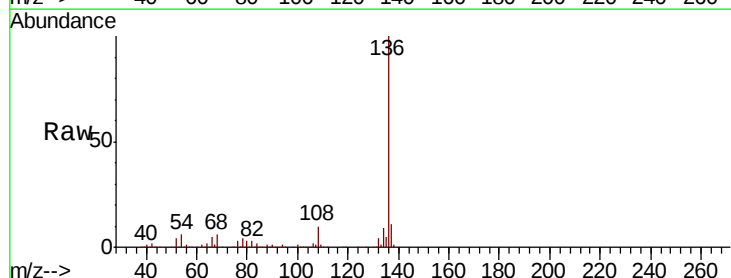
Ion Ratio Lower Upper

136 100

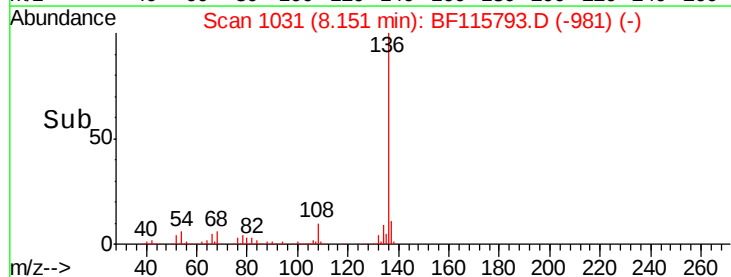
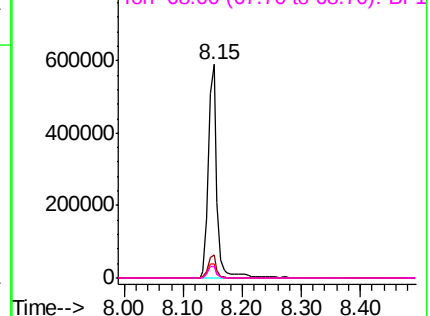
137 10.9 8.7 13.1

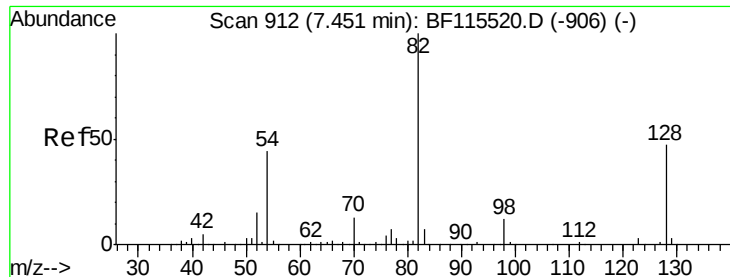
54 6.5 5.0 7.6

68 5.7 4.7 7.1



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

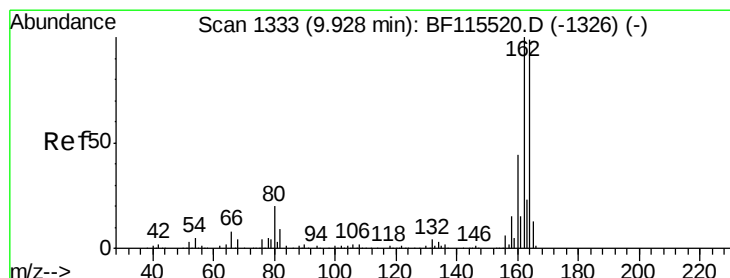
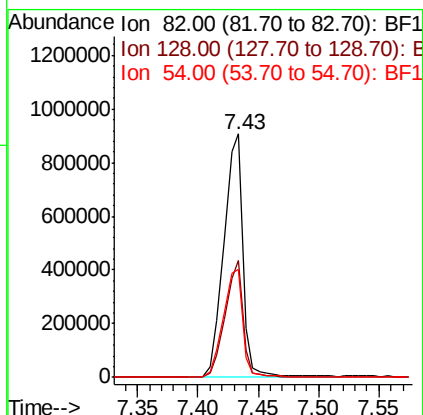
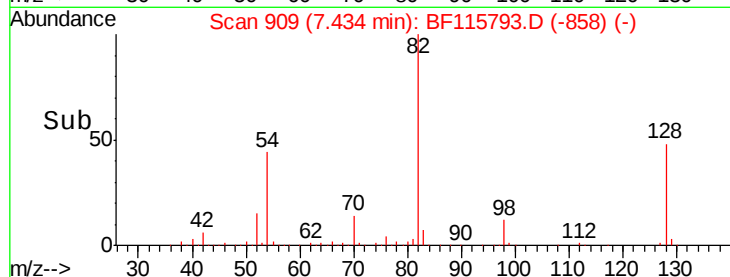
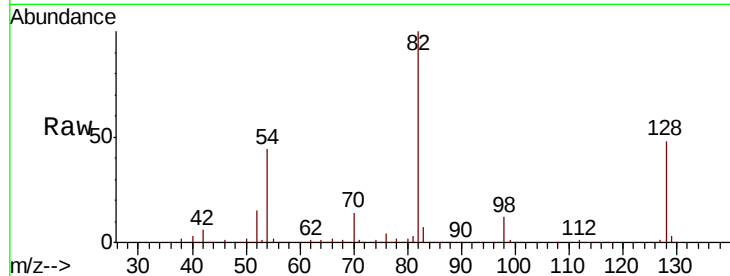




#23
Nitrobenzene-d5
Concen: 97.463 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115793.D
Acq: 26 Jul 2019 18:17

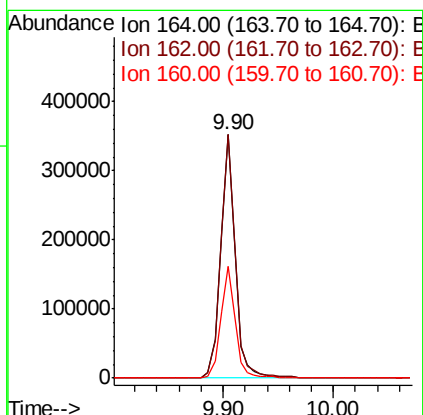
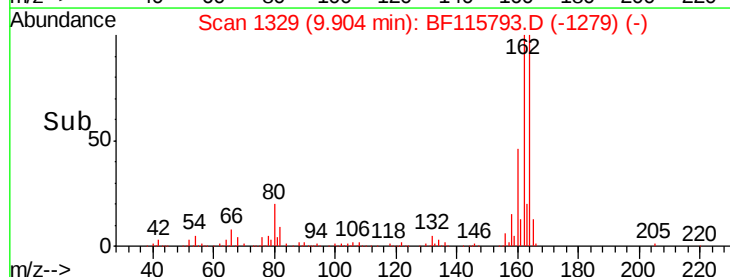
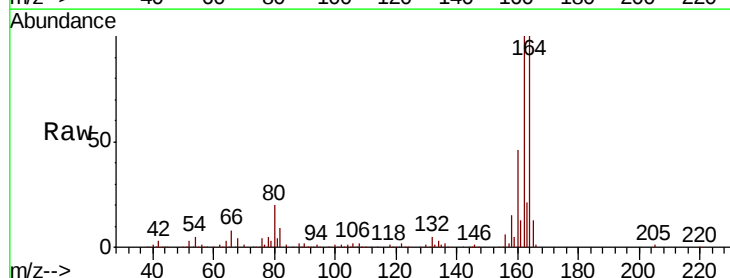
Instrument :
BNA_F
ClientSampleId :
SU-03-072519-B

Tot Ion: 82 Resp: 996604
Ion Ratio Lower Upper
82 100
128 47.9 36.6 55.0
54 44.3 36.6 54.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115793.D
Acq: 26 Jul 2019 18:17

Tgt Ion:164 Resp: 325599
Ion Ratio Lower Upper
164 100
162 100.0 81.8 122.6
160 45.8 37.5 56.3

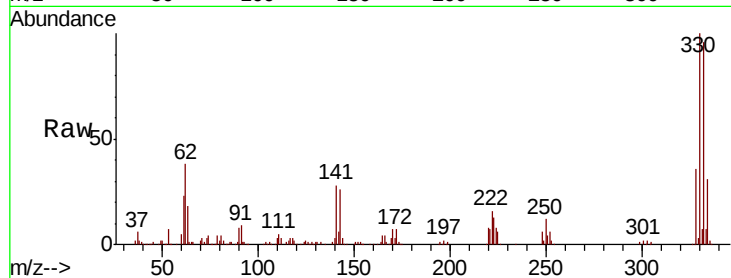




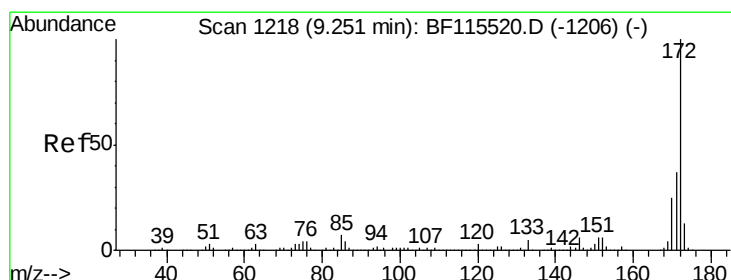
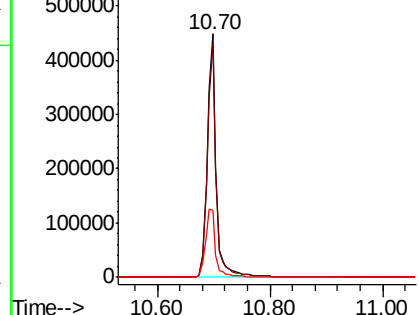
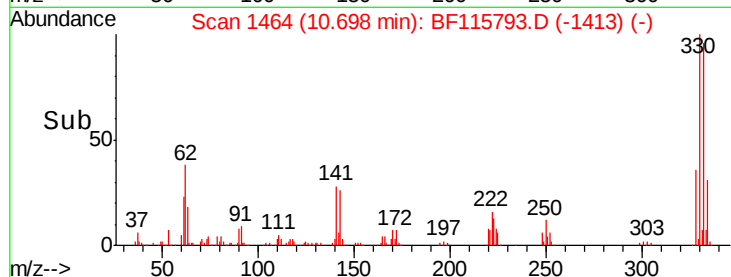
#42
 2,4,6-Tribromophenol
 Concen: 131.210 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF115793.D
 Acq: 26 Jul 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-072519-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.1	114.1
141	32.6	25.9	38.9

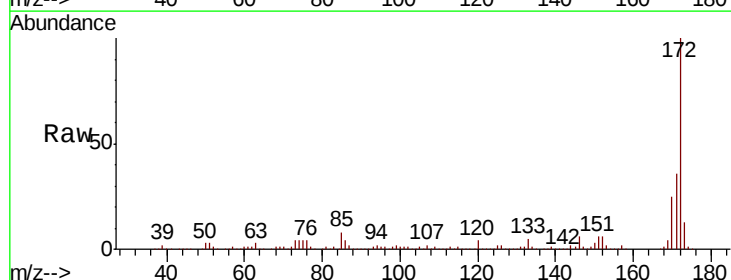


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

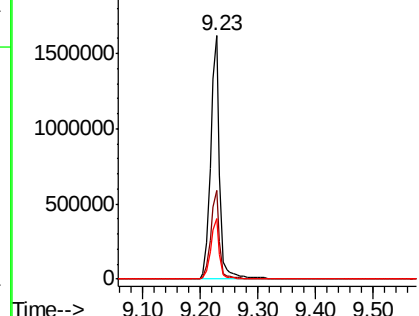
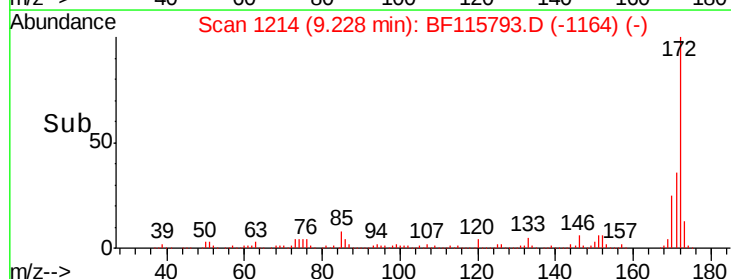


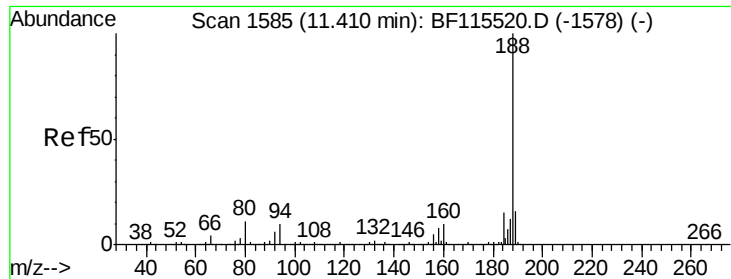
#45
 2-Fluorobiphenyl
 Concen: 97.064 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115793.D
 Acq: 26 Jul 2019 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	25.0	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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BF115793.D

Acq: 26 Jul 2019 18:17

Instrument :

BNA_F

ClientSampleId :

SU-03-072519-B

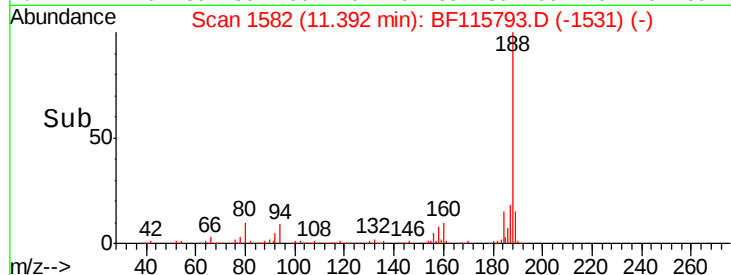
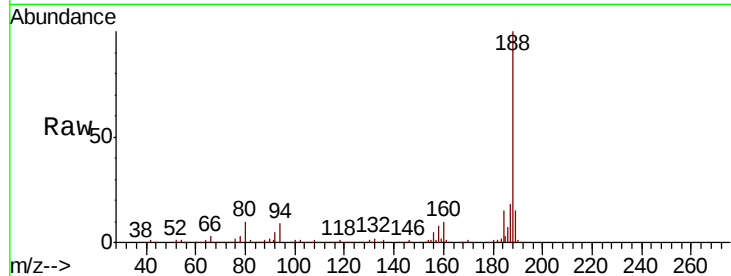
Tot Ion:188 Resp: 610736

Ion Ratio Lower Upper

188 100

94 8.8 8.2 12.2

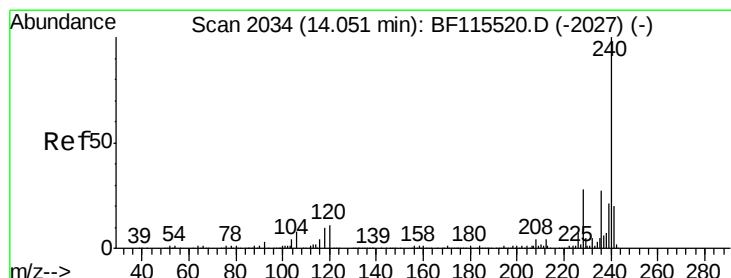
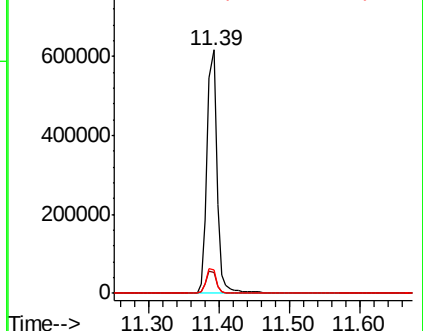
80 9.9 9.0 13.6



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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF115793.D

Acq: 26 Jul 2019 18:17

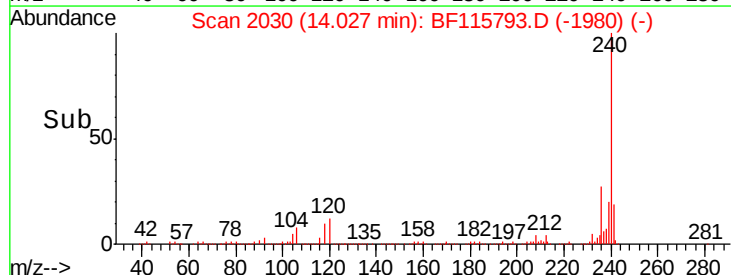
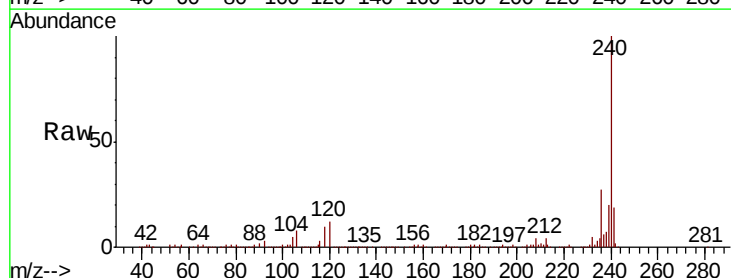
Tgt Ion:240 Resp: 493902

Ion Ratio Lower Upper

240 100

120 12.0 10.0 15.0

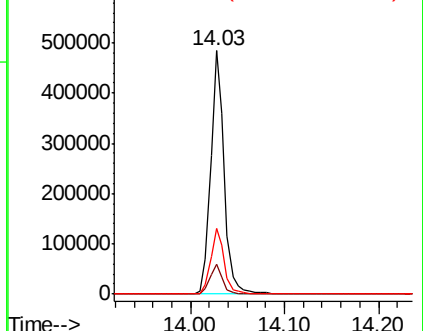
236 26.8 21.8 32.6

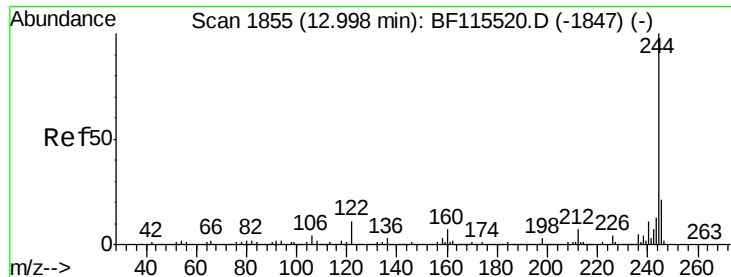


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.668 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF115793.D

Acq: 26 Jul 2019 18:17

Instrument :

BNA_F

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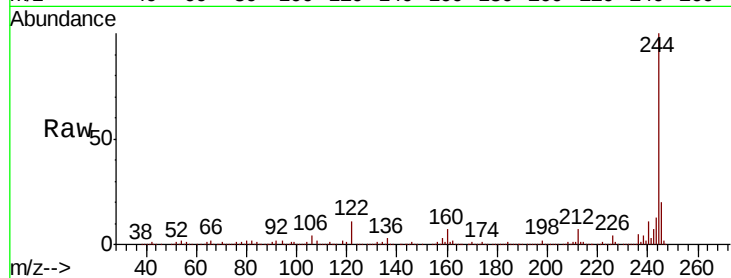
Tot Ion:244 Resp: 2293094

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 10.9 8.2 12.4

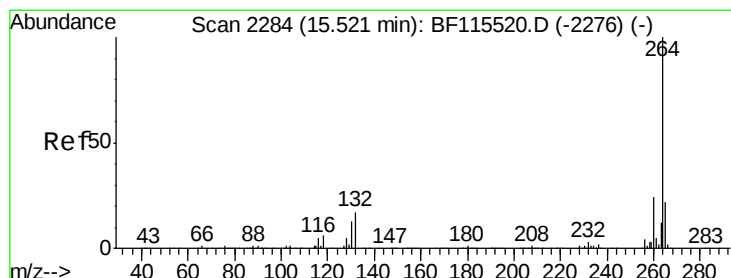
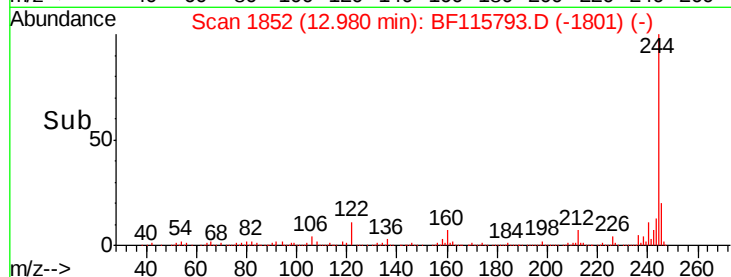
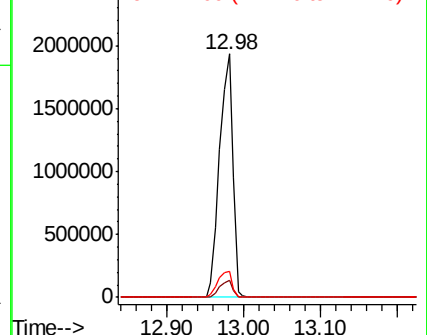


Abundance

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: 15.50 min Scan# 2280

Delta R.T. 0.00 min

Lab File: BF115793.D

Acq: 26 Jul 2019 18:17

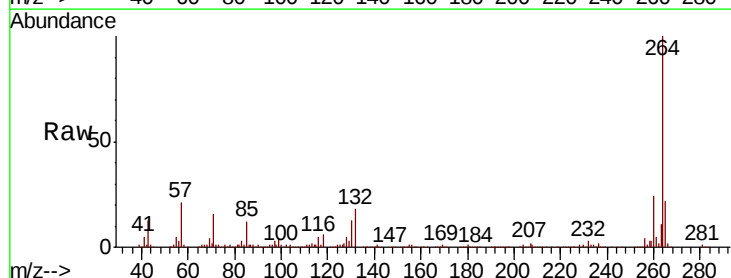
Tgt Ion:264 Resp: 445148

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

265 22.2 17.5 26.3



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

