

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115803.D
 Acq On : 26 Jul 2019 22:43
 Operator : HP/JU
 Sample : K3620-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-E

Quant Time: Jul 27 02:03:00 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	229014	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	888329	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	492586	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	893400	20.00	ng	0.00
76) Chrysene-d12	14.03	240	715405	20.00	ng	0.00
87) Perylene-d12	15.50	264	665735	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1080626	77.18	ng	0.02
7) Phenol-d6	6.50	99	1260909	70.98	ng	0.00
23) Nitrobenzene-d5	7.43	82	999678	65.44	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	469958	81.74	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1812248	64.39	ng	0.00
79) Terphenyl-d14	12.97	244	2167639	55.91	ng	0.00

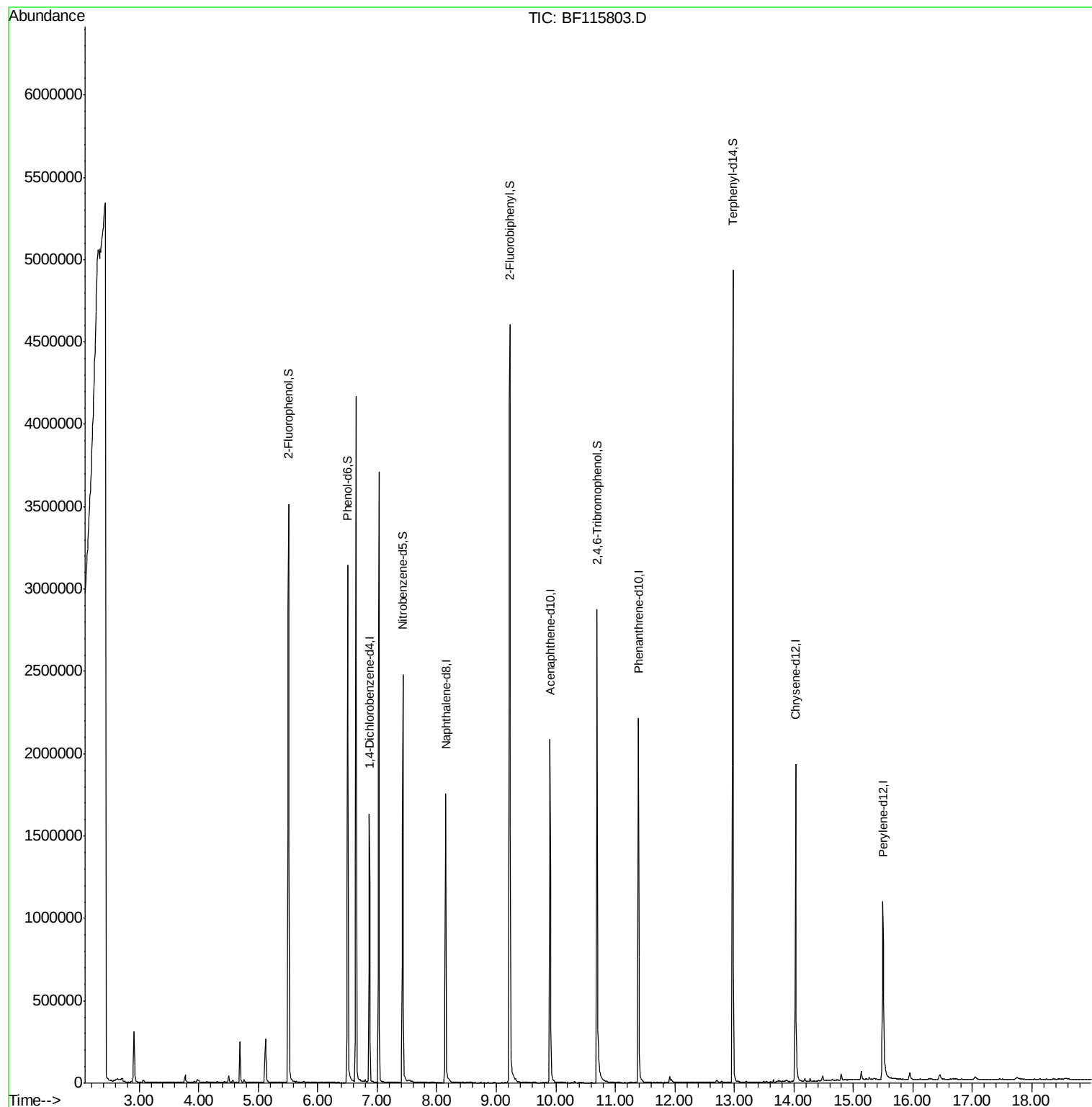
Target Compounds Qvalue

(#) = 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: BF115803.D

Acq: 26 Jul 2019 22:43

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-E

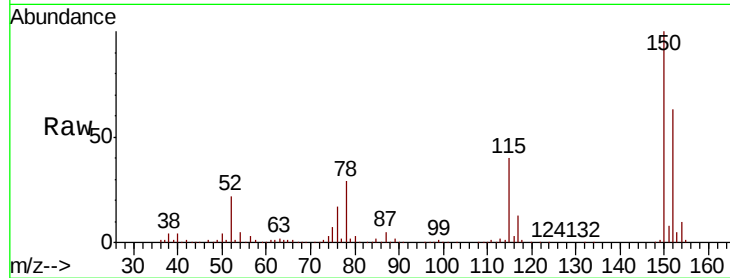
Tot Ion:152 Resp: 229014

Ion Ratio Lower Upper

152 100

150 158.0 126.6 189.8

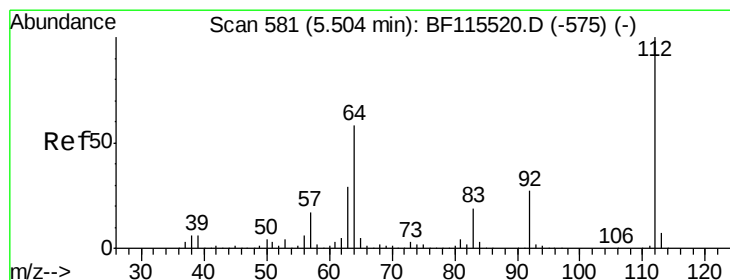
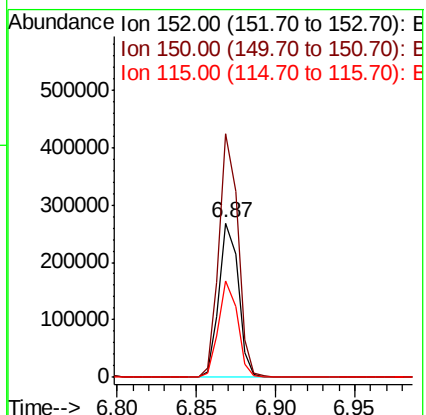
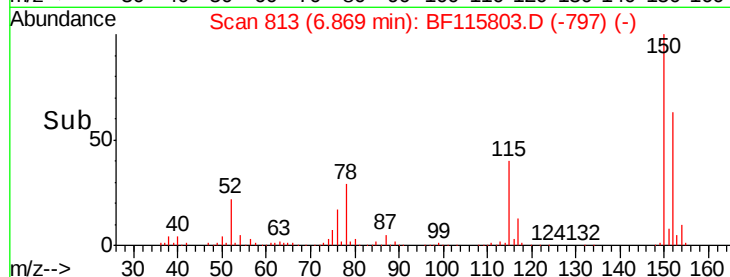
115 62.6 47.8 71.6



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: 77.183 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF115803.D

Acq: 26 Jul 2019 22:43

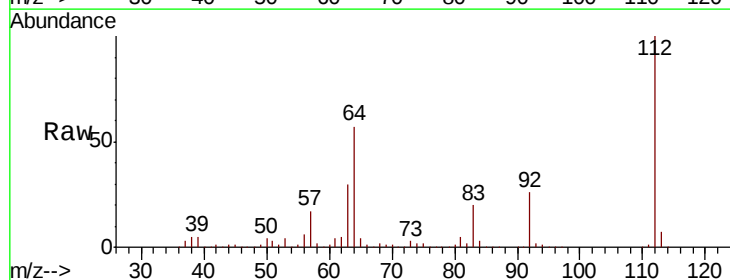
Tgt Ion:112 Resp: 1080626

Ion Ratio Lower Upper

112 100

64 57.0 45.8 68.8

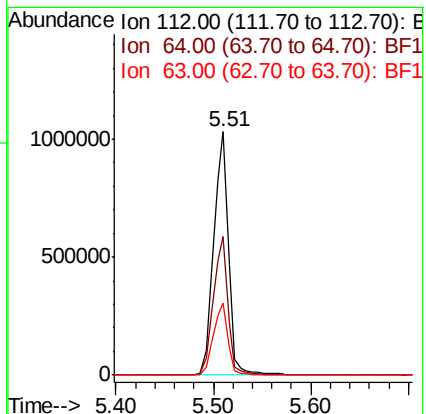
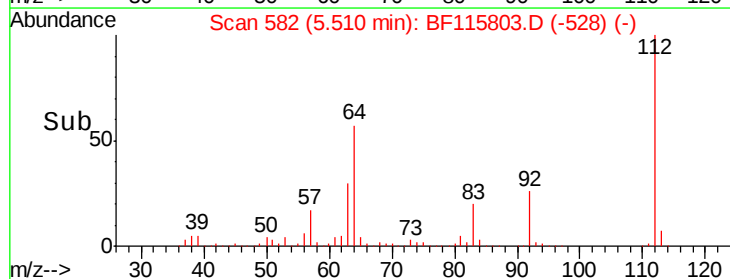
63 29.7 23.6 35.4

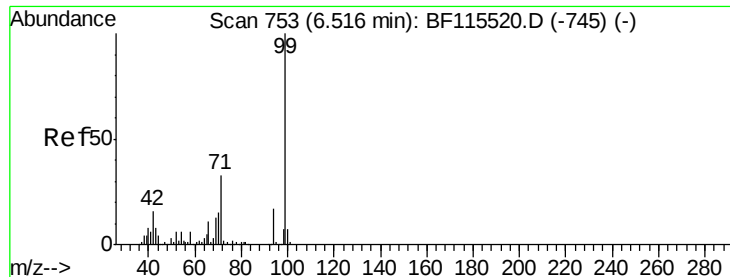


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 70.975 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115803.D

Acq: 26 Jul 2019 22:43

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-E

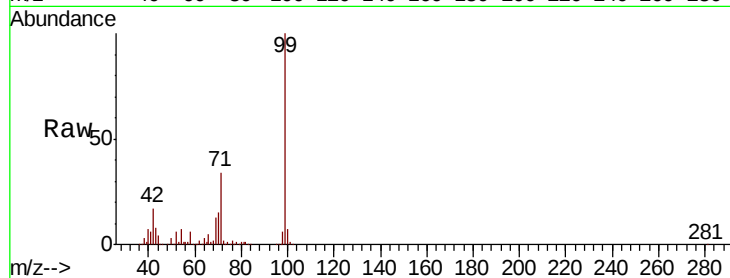
Tot Ion: 99 Resp: 1260909

Ion Ratio Lower Upper

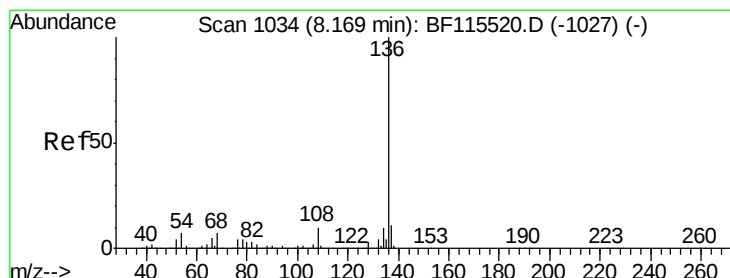
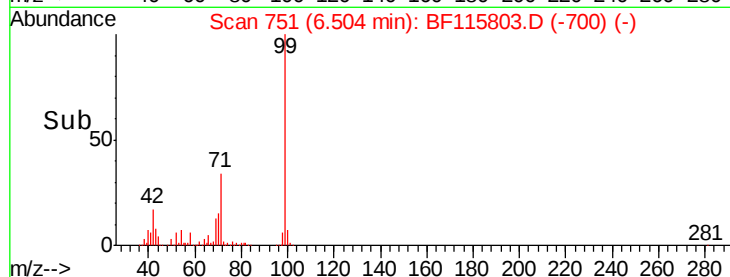
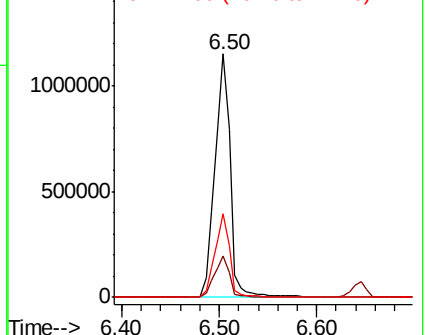
99 100

42 16.8 13.4 20.2

71 34.3 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: BF115803.D

Acq: 26 Jul 2019 22:43

Tgt Ion: 136 Resp: 888329

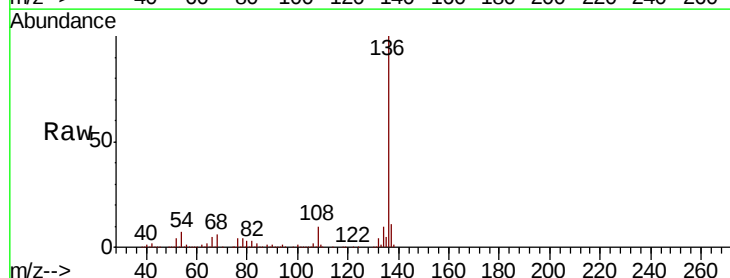
Ion Ratio Lower Upper

136 100

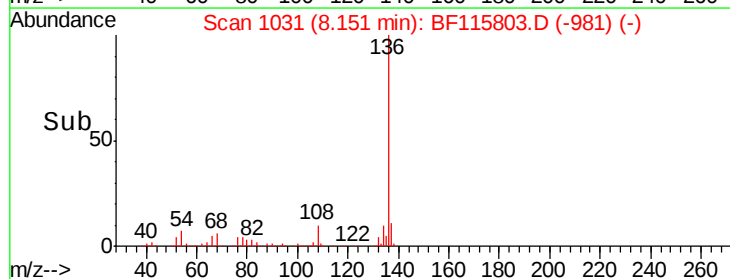
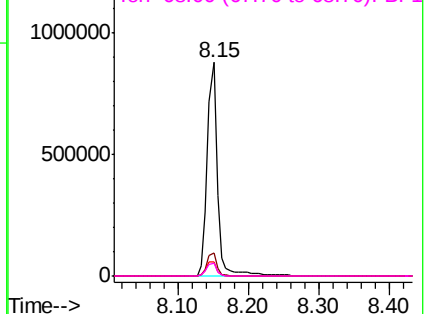
137 11.0 8.7 13.1

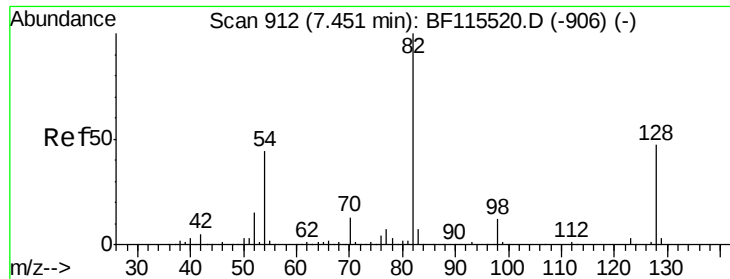
54 6.7 5.0 7.6

68 5.8 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

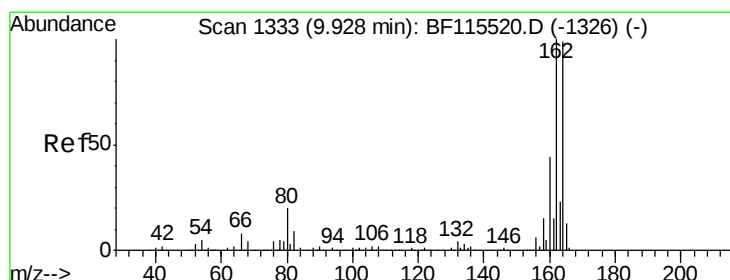
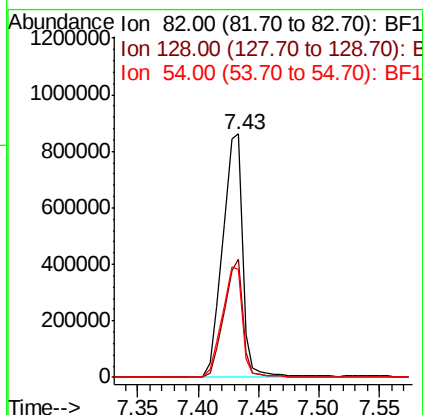
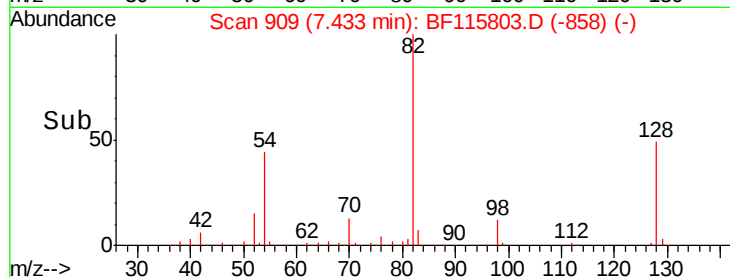
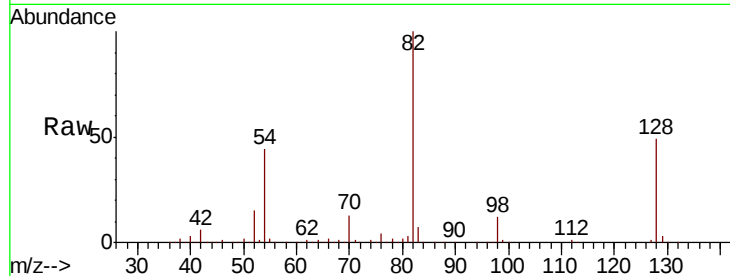




#23
Nitrobenzene-d5
Concen: 65.435 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF115803.D
Acq: 26 Jul 2019 22:43

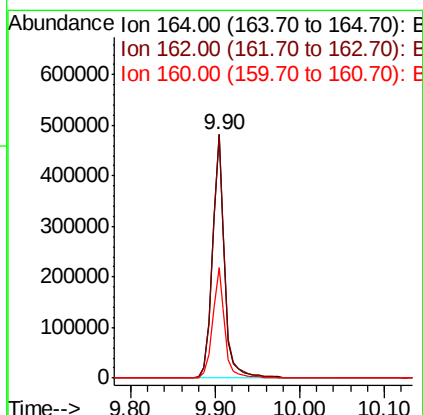
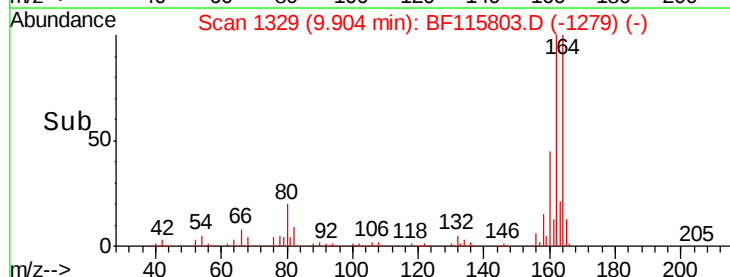
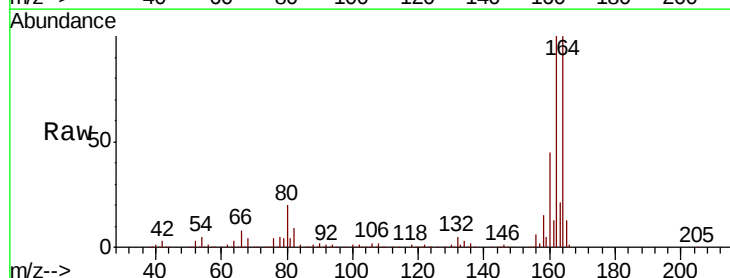
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

Tot Ion: 82 Resp: 999678
Ion Ratio Lower Upper
82 100
128 48.5 36.6 55.0
54 44.1 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: BF115803.D
Acq: 26 Jul 2019 22:43

Tgt Ion:164 Resp: 492586
Ion Ratio Lower Upper
164 100
162 100.1 81.8 122.6
160 45.4 37.5 56.3

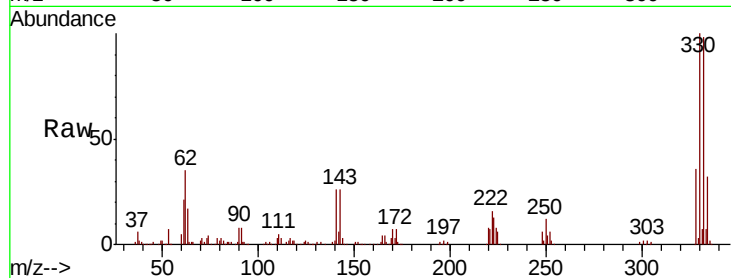




#42
 2,4,6-Tribromophenol
 Concen: 81.736 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF115803.D
 Acq: 26 Jul 2019 22:43

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.1	114.1
141	32.6	25.9	38.9

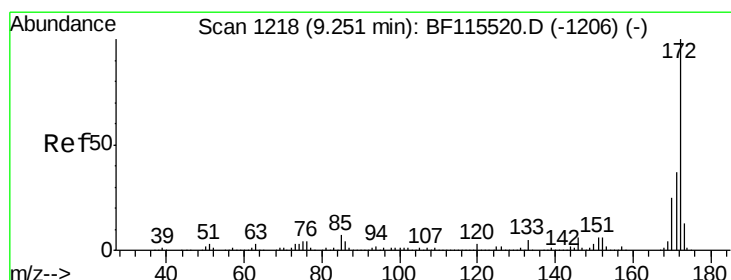
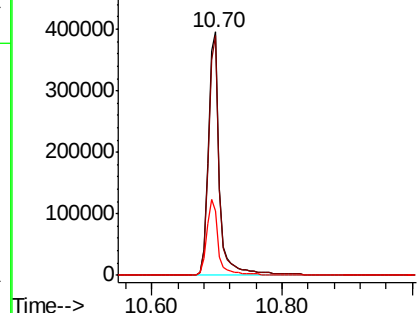
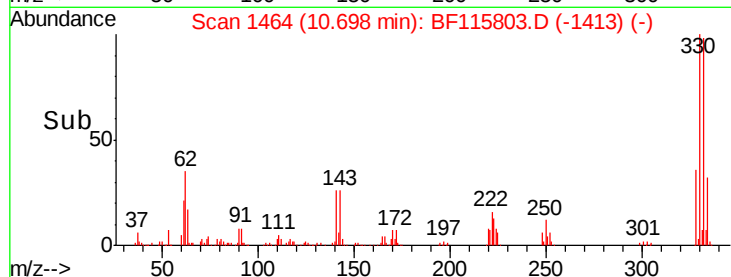


Abundance

Ion 329.80 (329.50 to 330.50): E

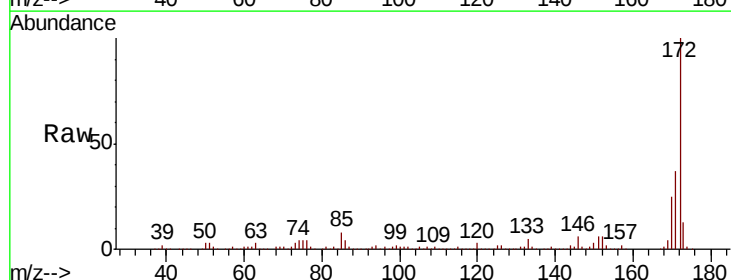
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.394 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF115803.D
 Acq: 26 Jul 2019 22:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.0	43.4
170	25.1	20.1	30.1

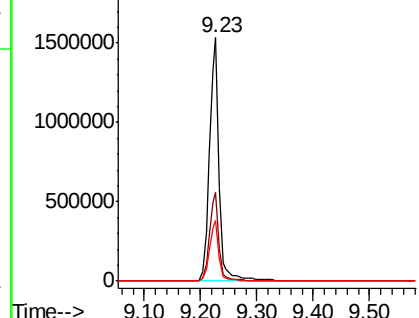
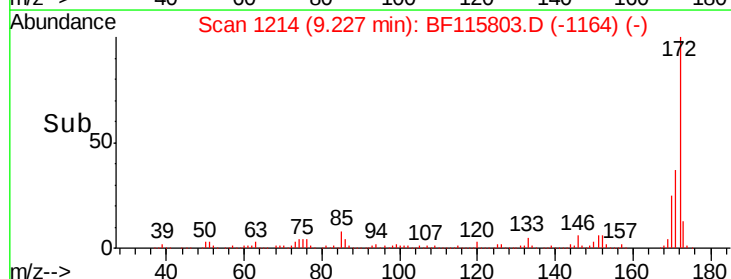


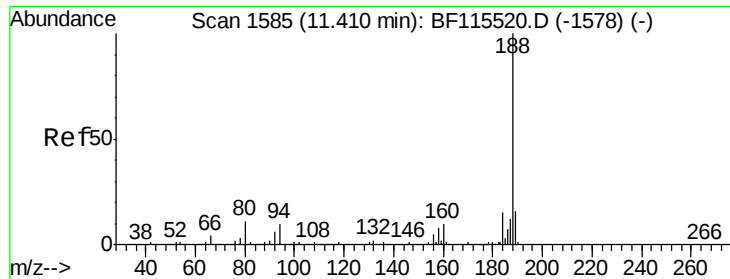
Abundance

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

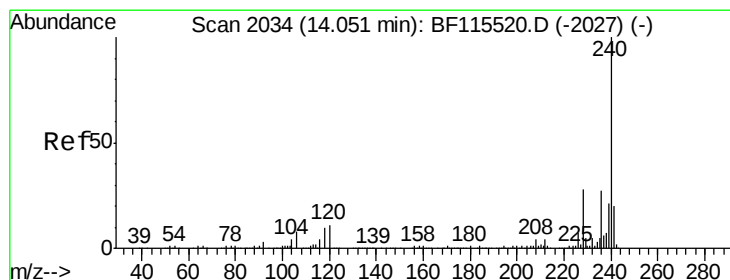
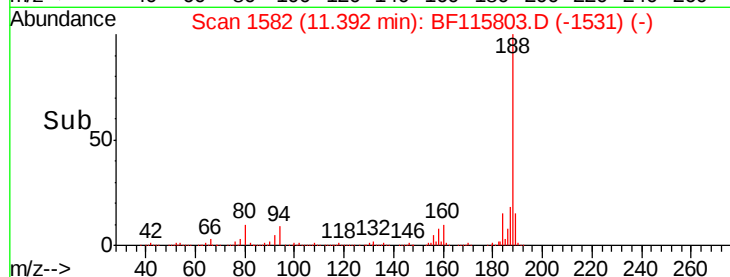
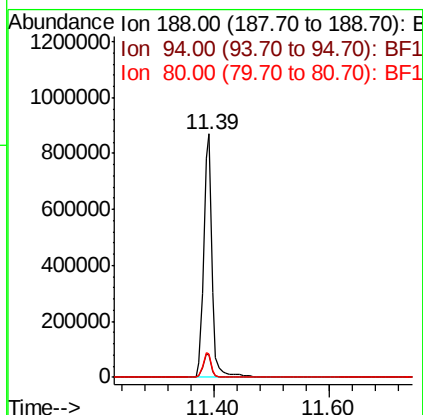
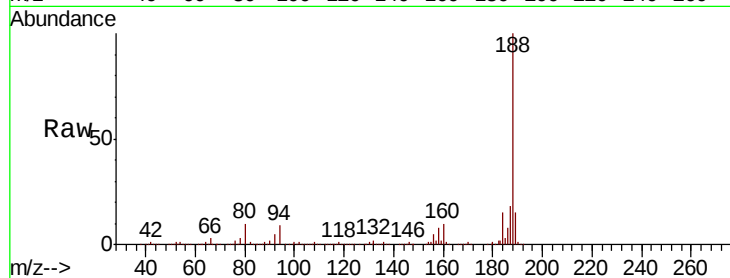




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF115803.D
Acq: 26 Jul 2019 22:43

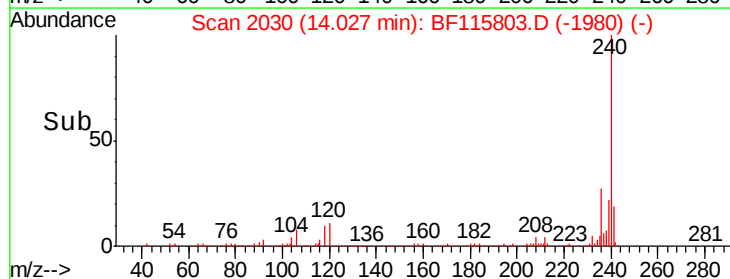
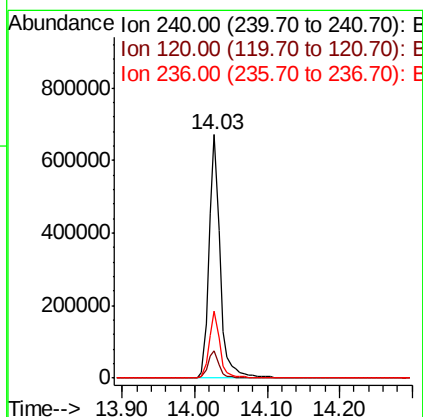
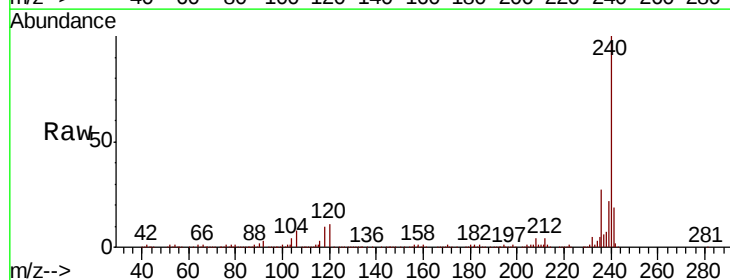
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-E

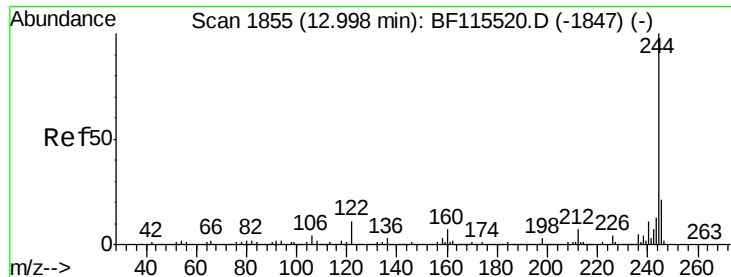
Tot Ion:188 Resp: 893400
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115803.D
Acq: 26 Jul 2019 22:43

Tgt Ion:240 Resp: 715405
Ion Ratio Lower Upper
240 100
120 11.4 10.0 15.0
236 27.4 21.8 32.6

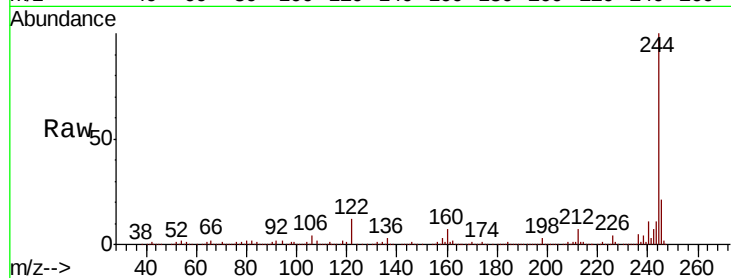




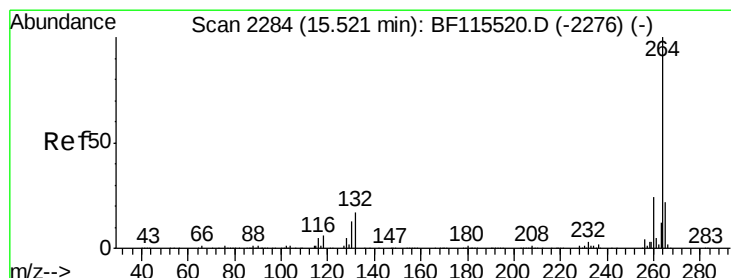
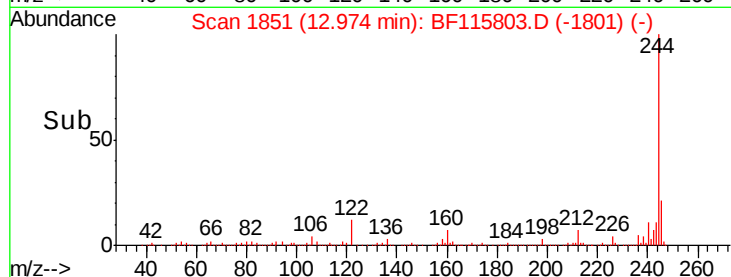
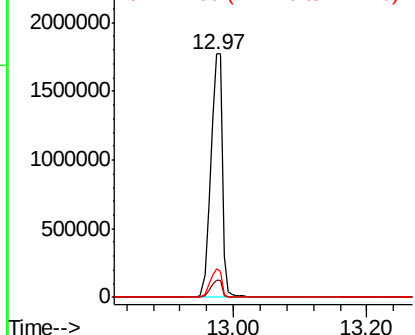
#79
 Terphenyl-d14
 Concen: 55.908 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BF115803.D
 Acq: 26 Jul 2019 22:43

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-E

Tot Ion:244 Resp: 2167639
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.7 8.2 12.4

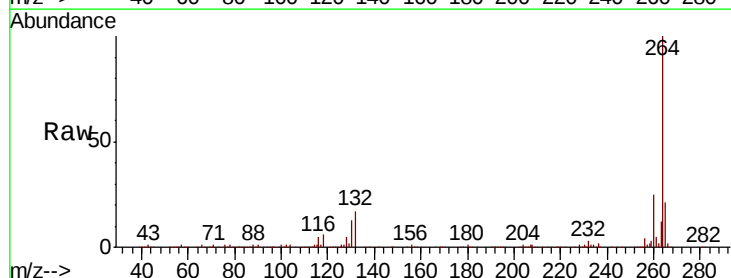


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BF115803.D
 Acq: 26 Jul 2019 22:43

Tgt Ion:264 Resp: 665735
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.8 29.6
 265 21.2 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

