

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072619\
 Data File : BF115798.D
 Acq On : 26 Jul 2019 20:30
 Operator : HP/JU
 Sample : K3620-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 27 00:56:15 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	144244	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	556799	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	307903	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	572514	20.00	ng	0.00
76) Chrysene-d12	14.03	240	443312	20.00	ng	0.00
87) Perylene-d12	15.50	264	392076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1058825	120.07	ng	0.02
7) Phenol-d6	6.50	99	1232780	110.17	ng	0.00
23) Nitrobenzene-d5	7.43	82	958509	100.10	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	459933	127.97	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1750436	99.50	ng	0.00
79) Terphenyl-d14	12.98	244	2080081	86.58	ng	0.00

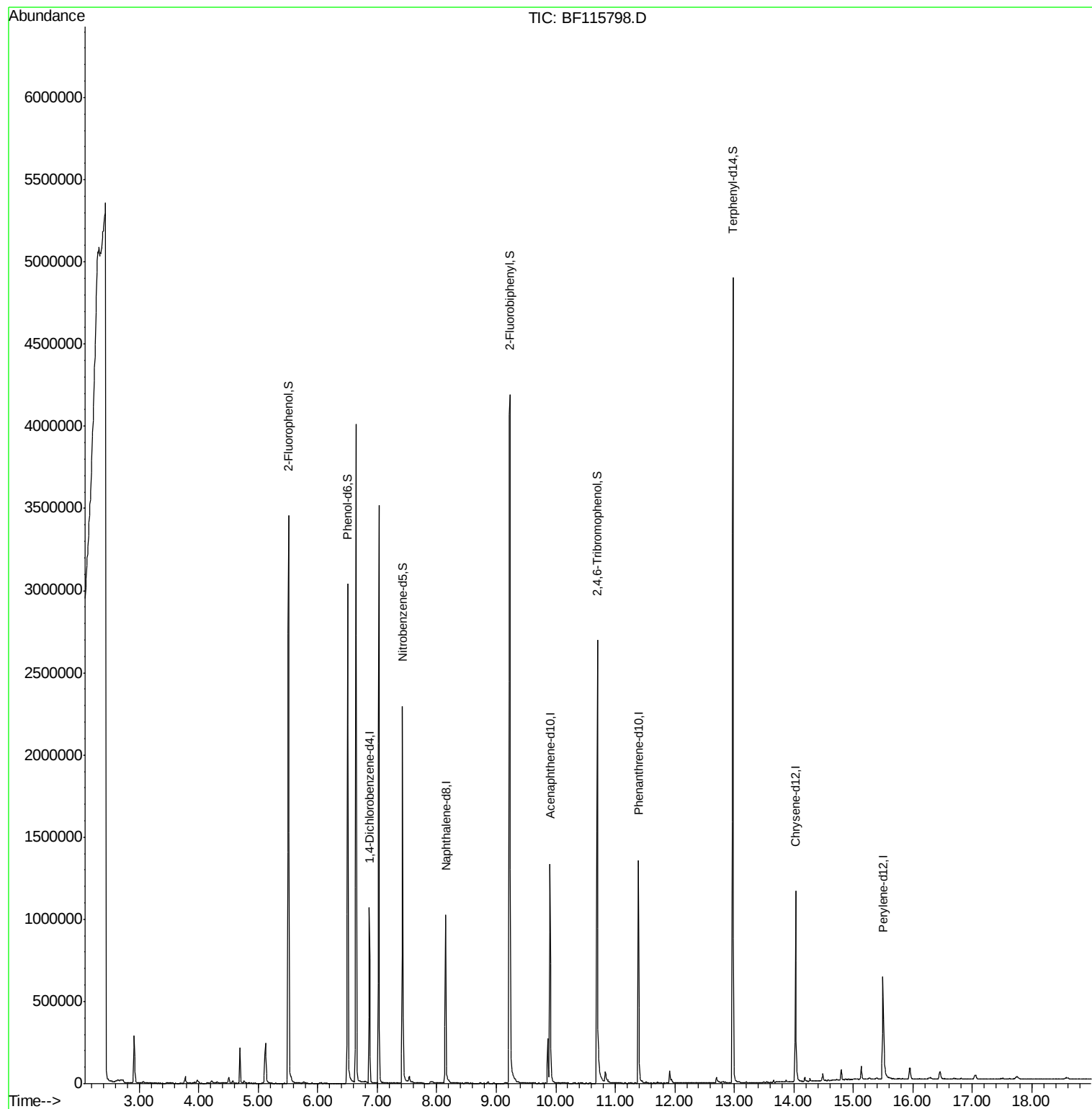
Target Compounds Qvalue

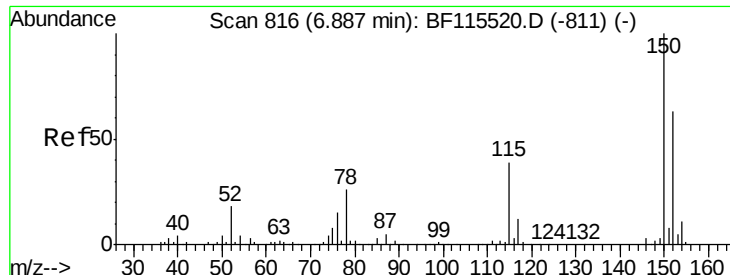
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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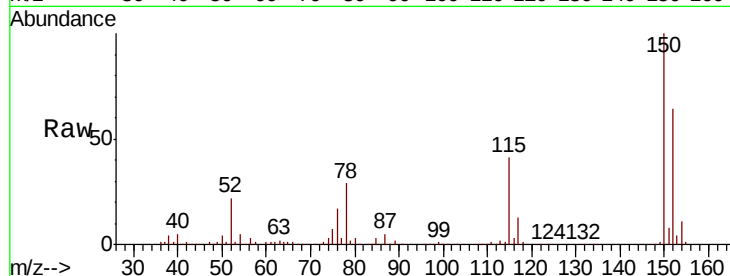


#1

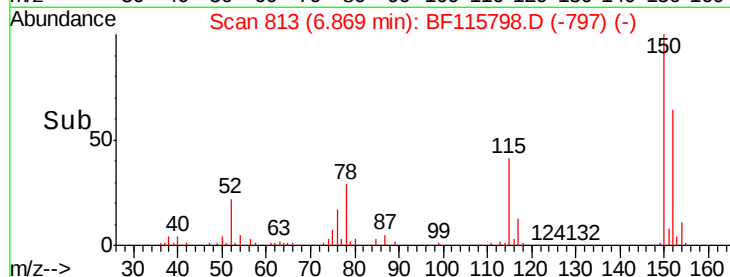
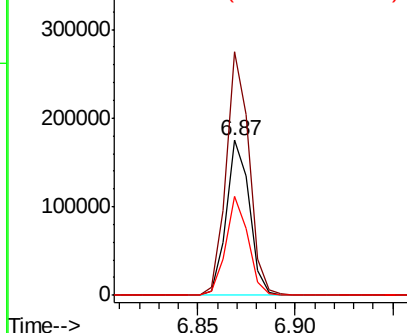
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115798.D
Acq: 26 Jul 2019 20:30

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

Tot Ion:152 Resp: 144244
Ion Ratio Lower Upper
152 100
150 157.2 126.6 189.8
115 63.8 47.8 71.6



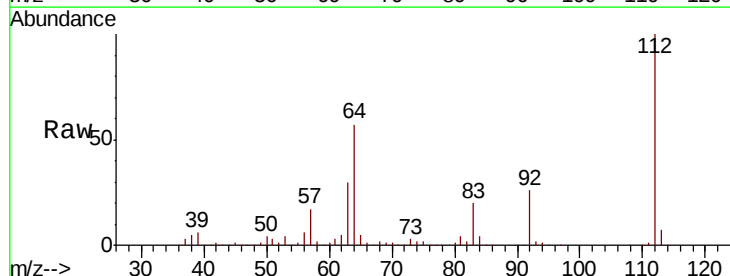
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



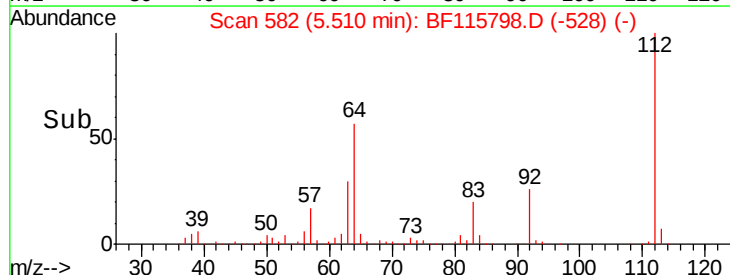
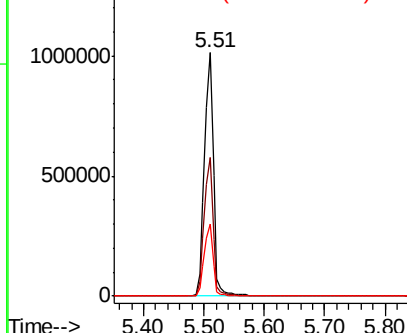
#5

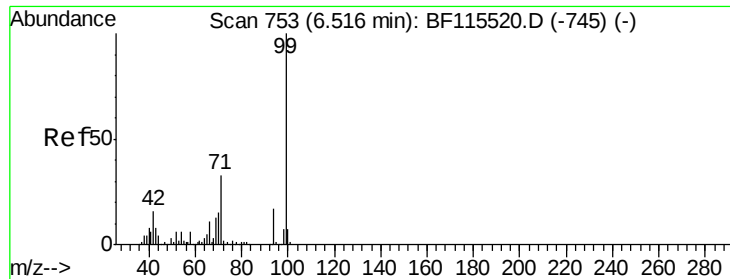
2-Fluorophenol
Concen: 120.070 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF115798.D
Acq: 26 Jul 2019 20:30

Tgt Ion:112 Resp: 1058825
Ion Ratio Lower Upper
112 100
64 57.0 45.8 68.8
63 29.9 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: 110.172 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF115798.D

Acq: 26 Jul 2019 20:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-A

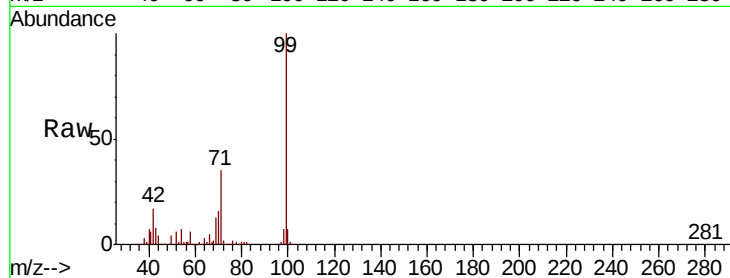
Tot Ion: 99 Resp: 1232780

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.4	20.2
71	34.6	26.7	40.1

99 100

42 17.3 13.4 20.2

71 34.6 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

1500000

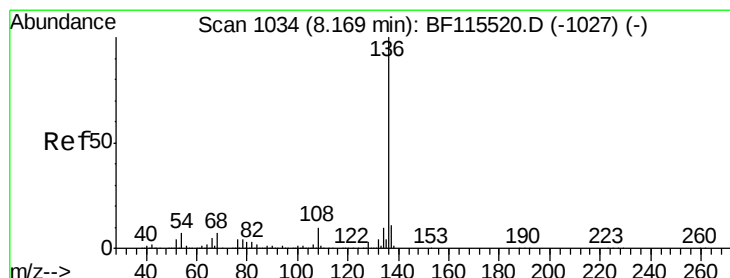
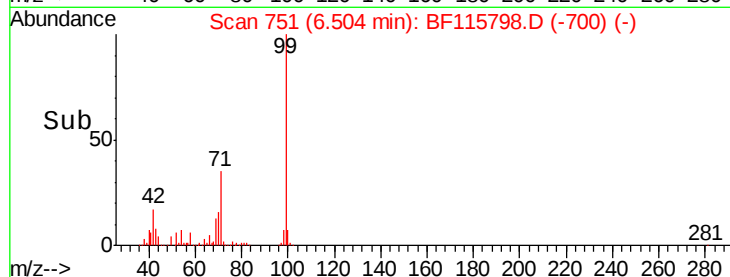
6.50

1000000

500000

0

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115798.D

Acq: 26 Jul 2019 20:30

Tgt Ion: 136 Resp: 556799

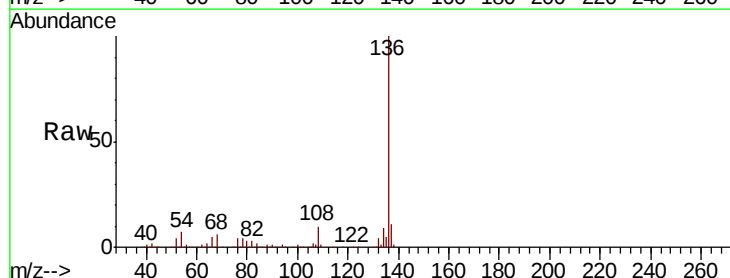
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.0	5.0	7.6
68	5.7	4.7	7.1

136 100

137 10.7 8.7 13.1

54 7.0 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

800000

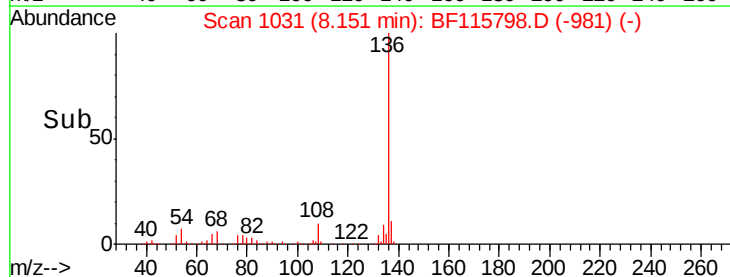
600000

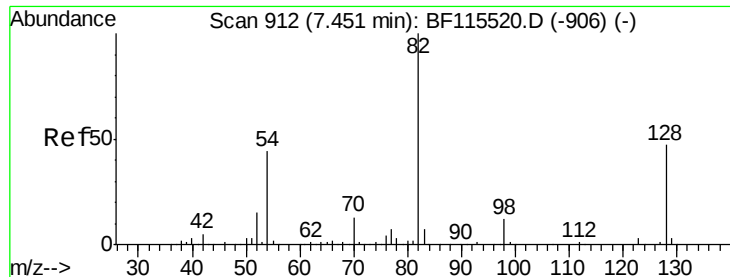
400000

200000

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Time-->

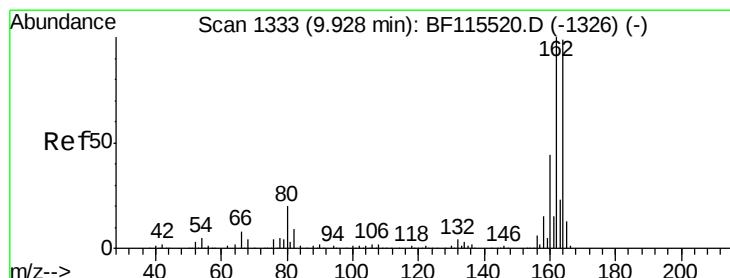
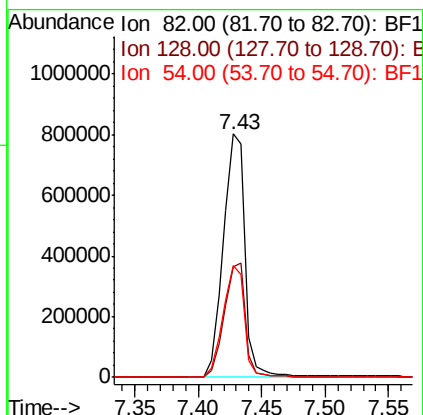
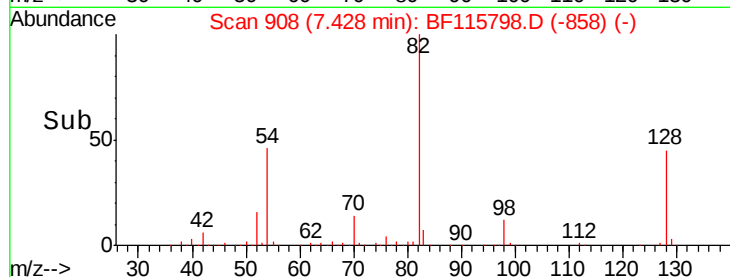
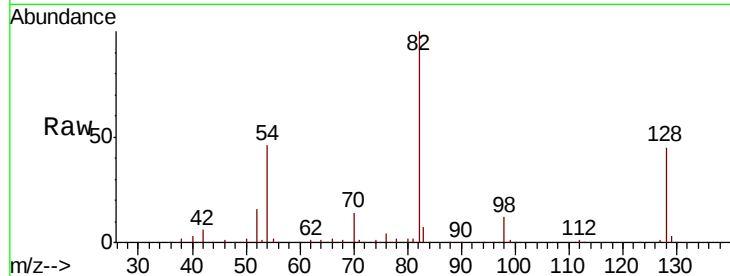




#23
 Nitrobenzene-d5
 Concen: 100.097 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115798.D
 Acq: 26 Jul 2019 20:30

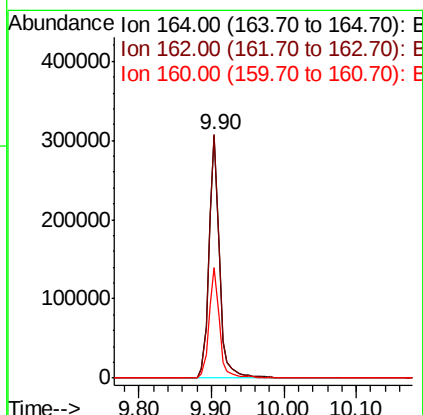
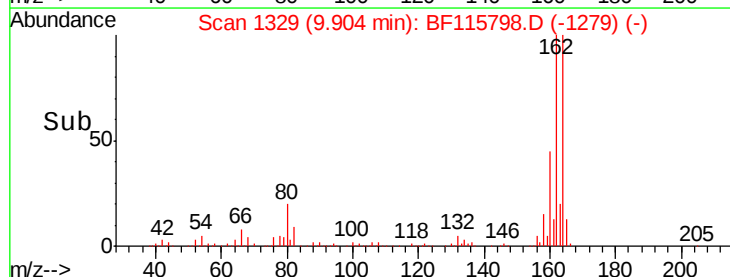
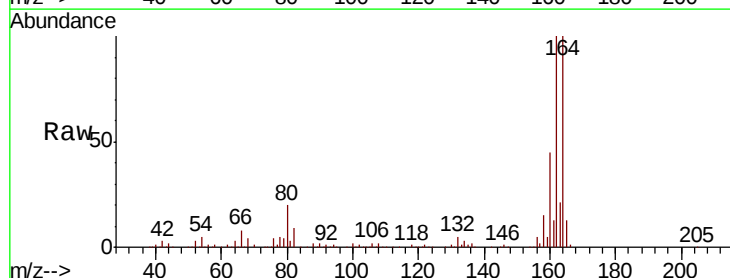
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-072519-A

Tot Ion: 82 Resp: 958509
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.6 55.0
 54 45.7 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: BF115798.D
 Acq: 26 Jul 2019 20:30

Tgt Ion: 164 Resp: 307903
 Ion Ratio Lower Upper
 164 100
 162 100.3 81.8 122.6
 160 45.6 37.5 56.3

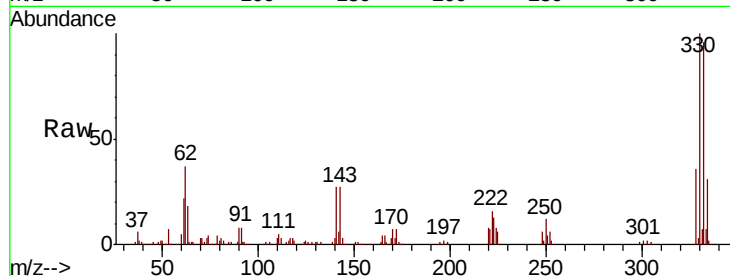




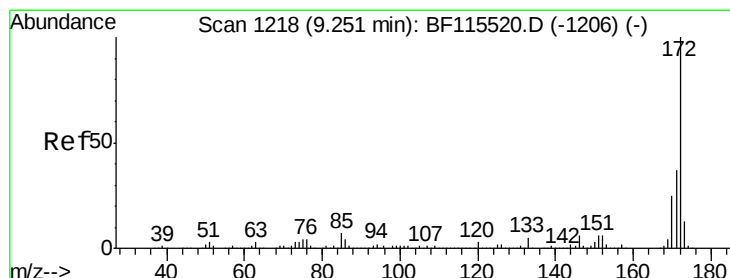
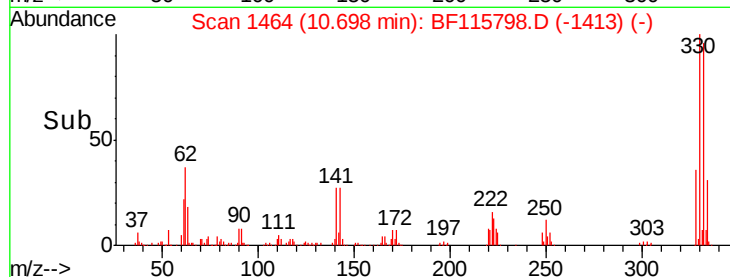
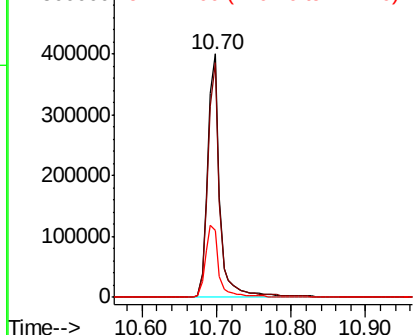
#42
2,4,6-Tribromophenol
Concen: 127.973 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF115798.D
Acq: 26 Jul 2019 20:30

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

Tot Ion:330 Resp: 459933
Ion Ratio Lower Upper
330 100
332 95.3 76.1 114.1
141 33.4 25.9 38.9

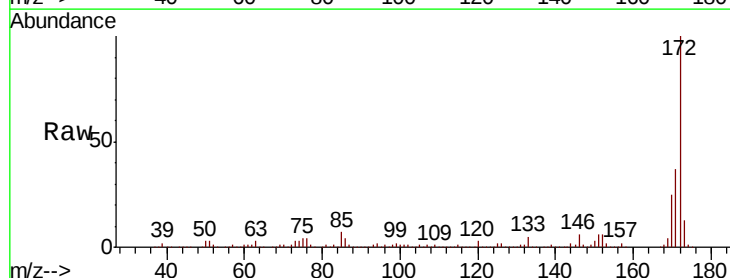


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

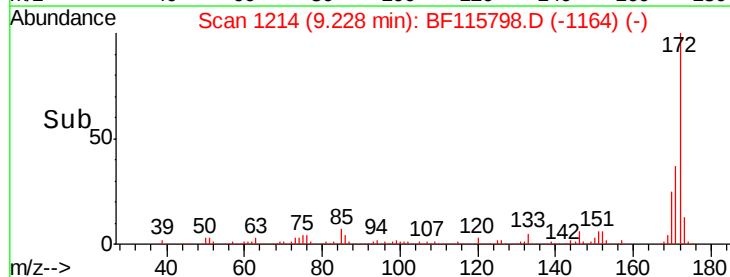
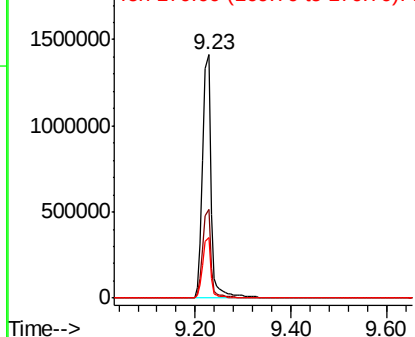


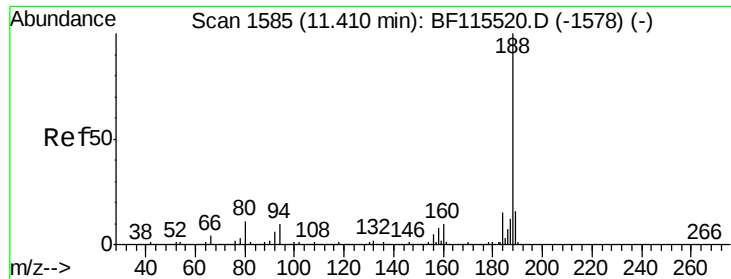
#45
2-Fluorobiphenyl
Concen: 99.504 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115798.D
Acq: 26 Jul 2019 20:30

Tgt Ion:172 Resp: 1750436
Ion Ratio Lower Upper
172 100
171 36.6 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

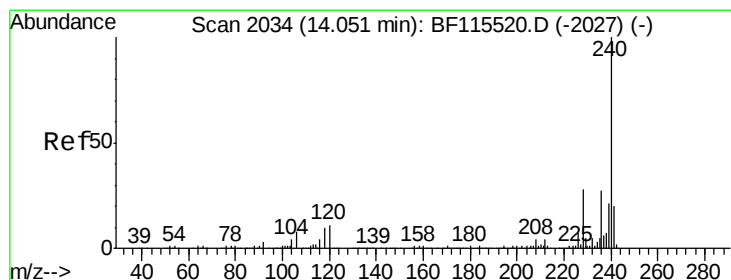
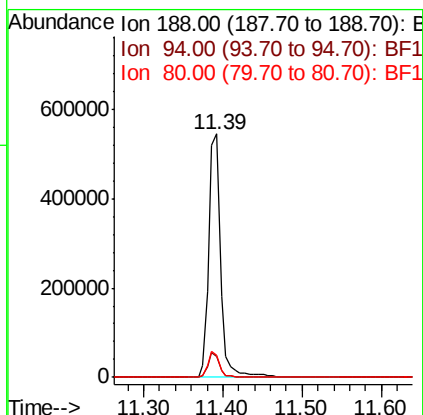
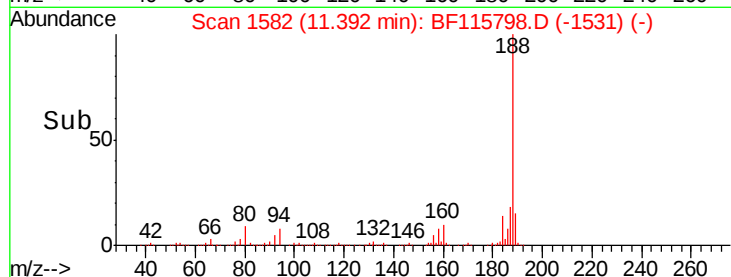
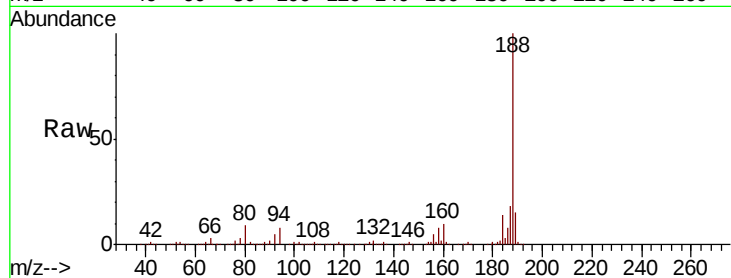




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF115798.D
Acq: 26 Jul 2019 20:30

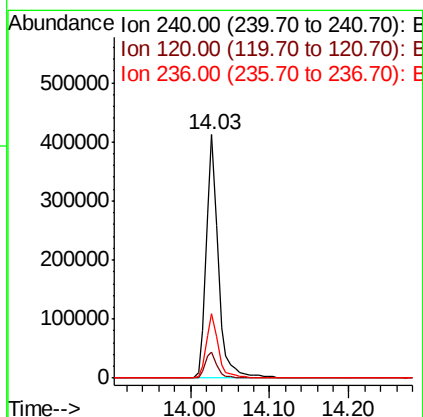
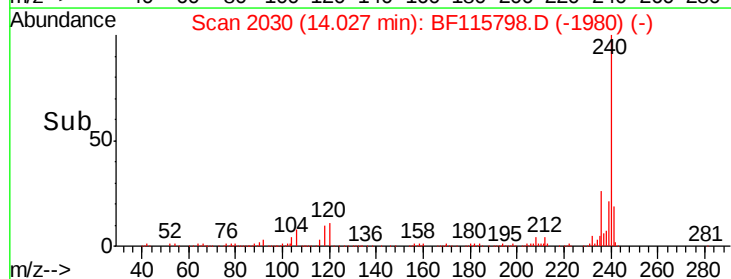
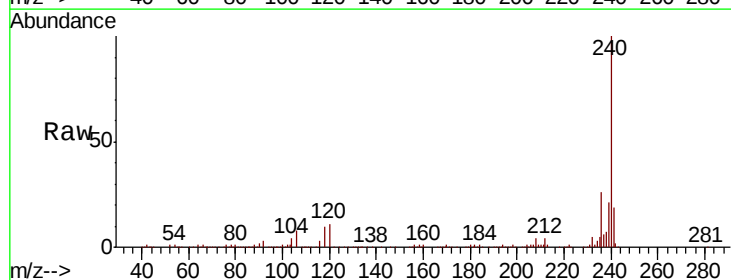
Instrument :
BNA_F
ClientSampleId :
CL-02-072519-A

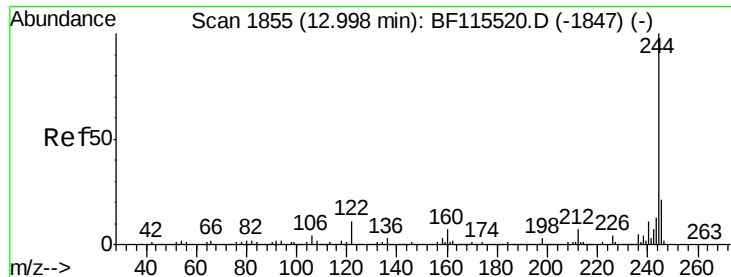
Tot Ion:188 Resp: 572514
Ion Ratio Lower Upper
188 100
94 8.4 8.2 12.2
80 9.3 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115798.D
Acq: 26 Jul 2019 20:30

Tgt Ion:240 Resp: 443312
Ion Ratio Lower Upper
240 100
120 10.8 10.0 15.0
236 26.5 21.8 32.6





#79

Terphenyl-d14

Concen: 86.578 ng

RT: 12.98 min Scan# 1852

Delta R.T. 0.00 min

Lab File: BF115798.D

Acq: 26 Jul 2019 20:30

Instrument :

BNA_F

ClientSampleId :

CL-02-072519-A

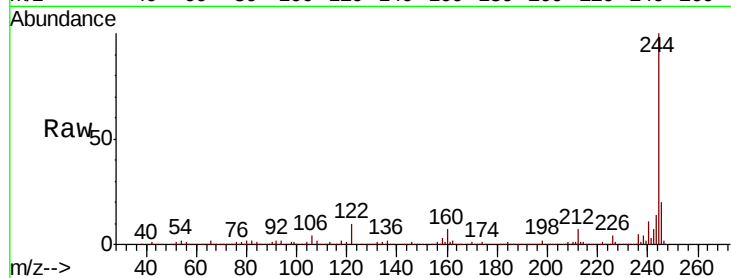
Tot Ion:244 Resp: 2080081

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

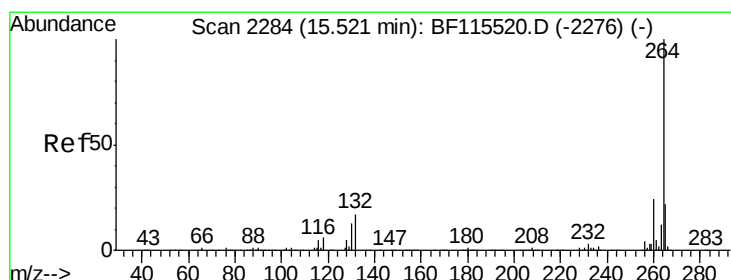
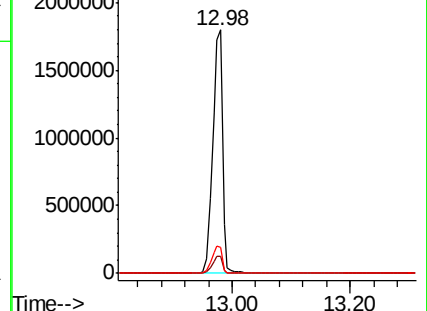
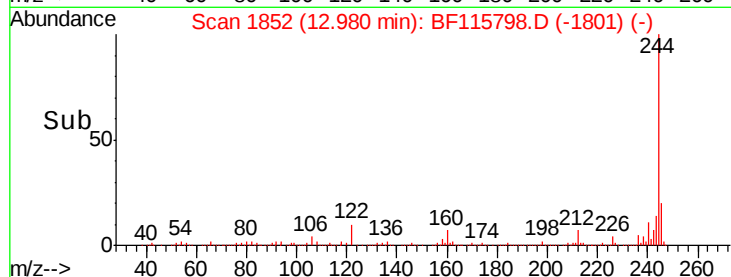
122 10.4 8.2 12.4



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: BF115798.D

Acq: 26 Jul 2019 20:30

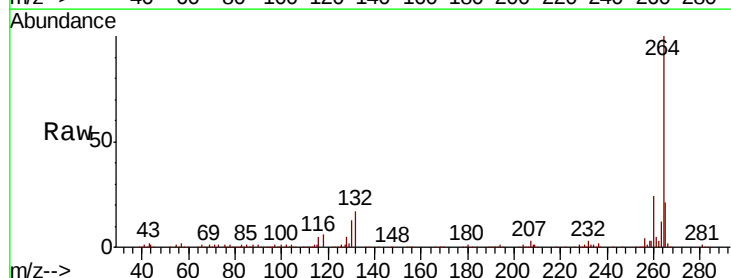
Tgt Ion:264 Resp: 392076

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.6

265 21.3 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

