

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115733.D
 Acq On : 23 Jul 2019 21:43
 Operator : HP/JU
 Sample : K3622-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-071919-B

Quant Time: Jul 24 06:51:23 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

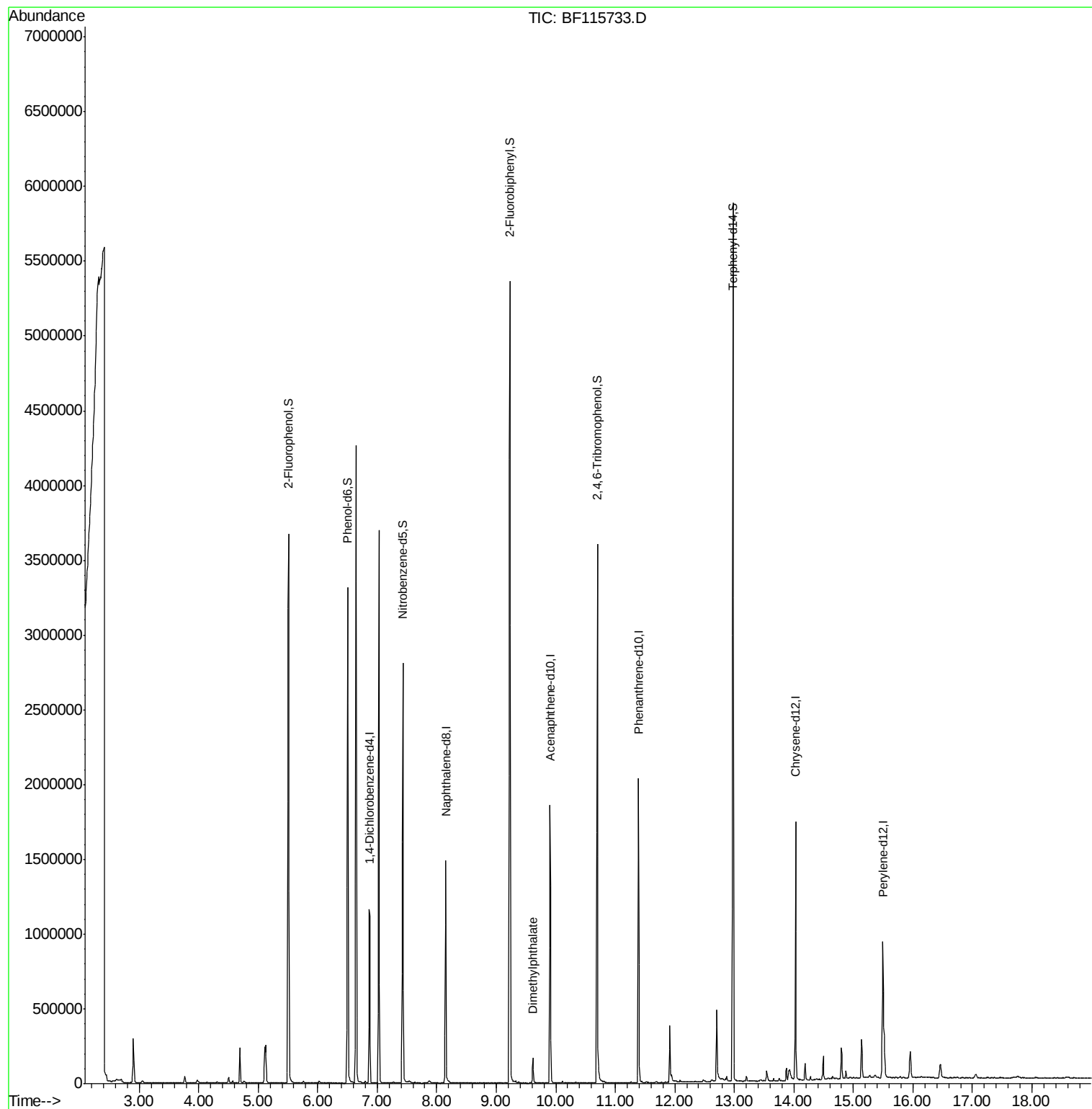
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	175657	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	675225	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	378630	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	698092	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	534080	20.00	ng	-0.02
87) Perylene-d12	15.49	264	470554	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1156172	107.66	ng	0.00
7) Phenol-d6	6.50	99	1378294	101.15	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1068739	92.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	544885	123.29	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1895847	87.64	ng	-0.02
79) Terphenyl-d14	12.98	244	2374404	82.03	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.62	163	71989	2.527	ng	Qvalue 97

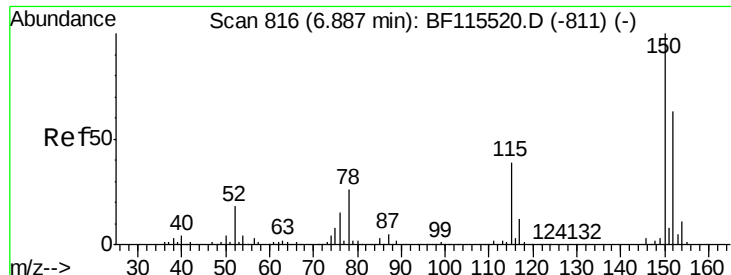
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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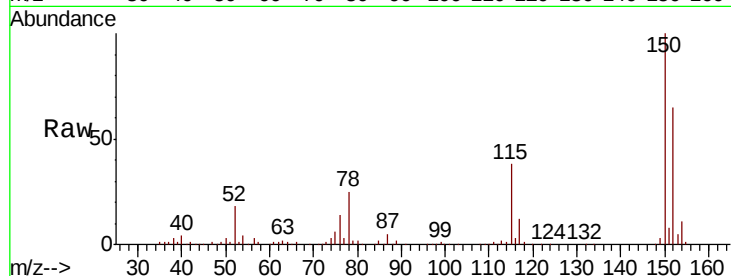


#1

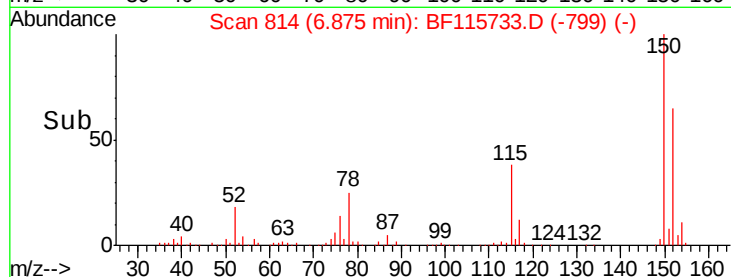
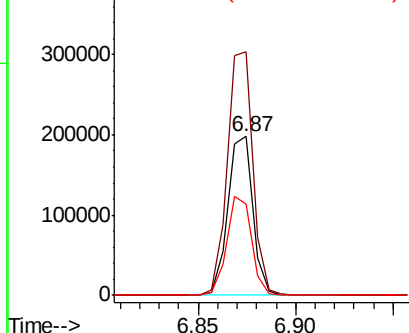
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115733.D
Acq: 23 Jul 2019 21:43

Instrument :
BNA_F
ClientSampleId :
OR-02-071919-B

Tot Ion:152 Resp: 175657
Ion Ratio Lower Upper
152 100
150 153.2 129.7 194.5
115 57.7 48.2 72.4



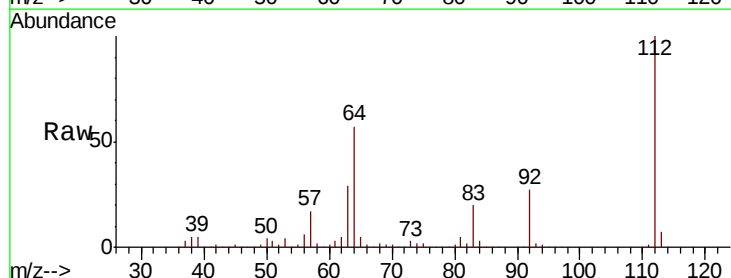
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



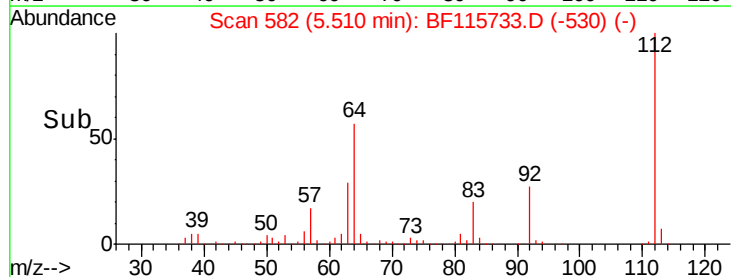
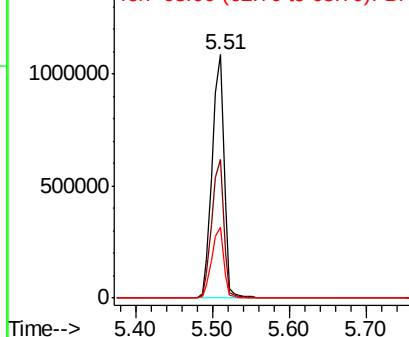
#5

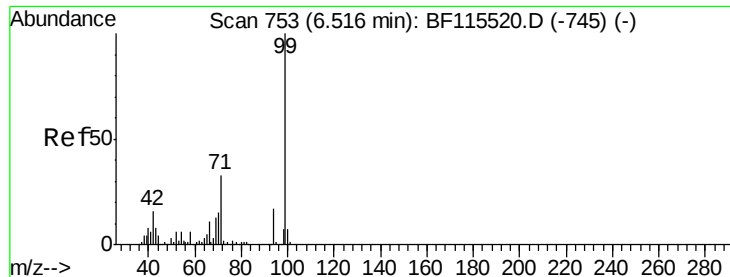
2-Fluorophenol
Concen: 107.662 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115733.D
Acq: 23 Jul 2019 21:43

Tgt Ion:112 Resp: 1156172
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 29.0 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: 101.149 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-B

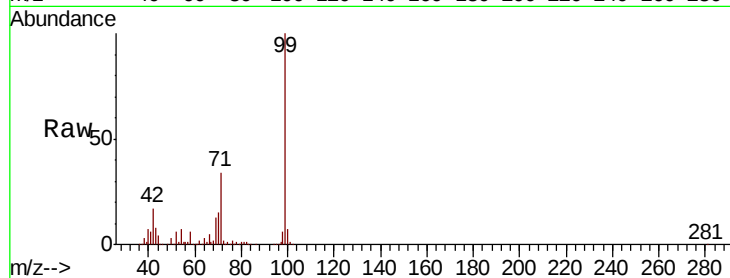
Tot Ion: 99 Resp: 1378294

Ion Ratio Lower Upper

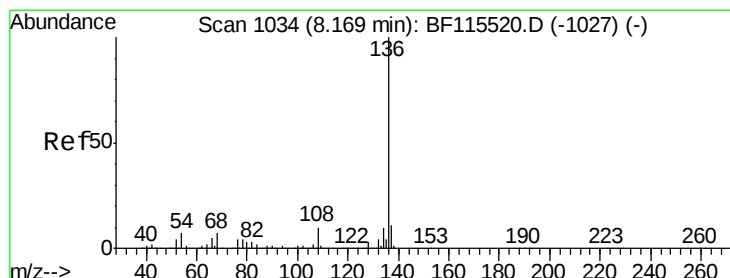
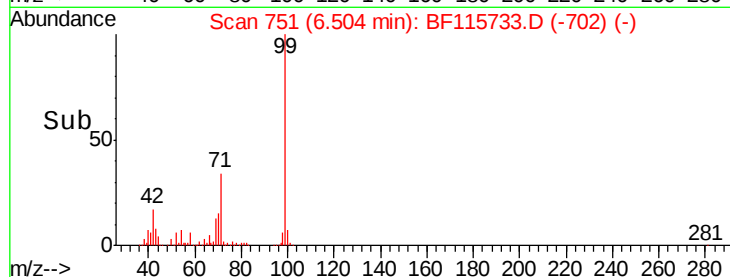
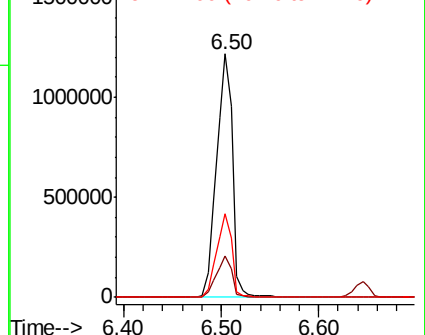
99 100

42 16.8 13.6 20.4

71 34.4 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: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

Tgt Ion: 136 Resp: 675225

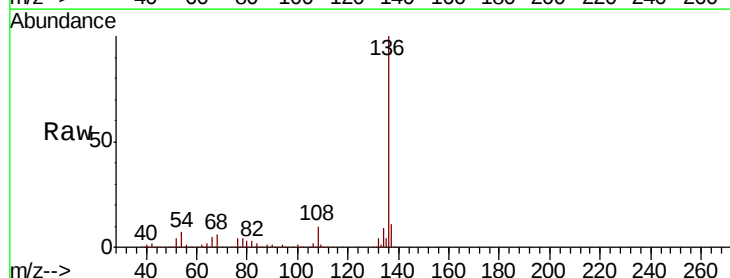
Ion Ratio Lower Upper

136 100

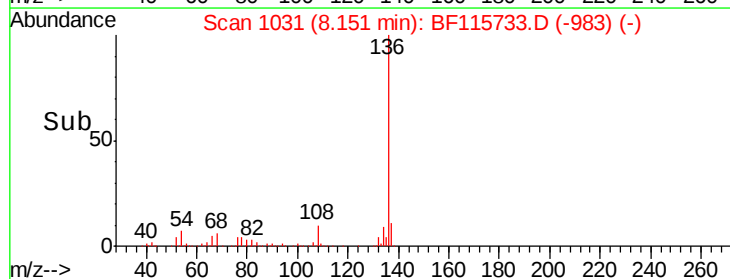
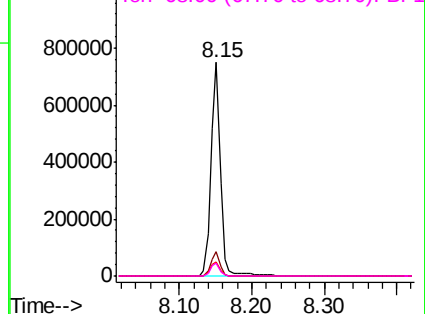
137 11.1 9.0 13.4

54 6.7 5.6 8.4

68 5.9 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

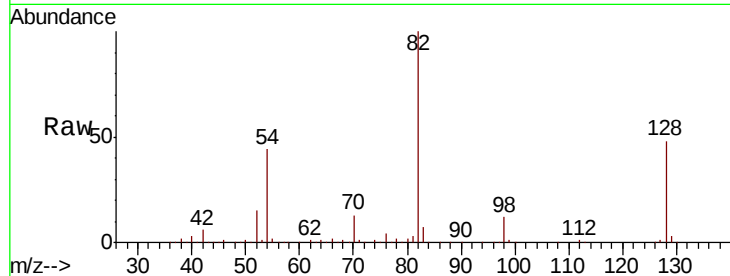




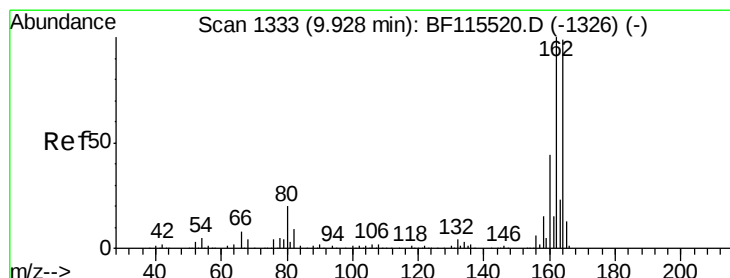
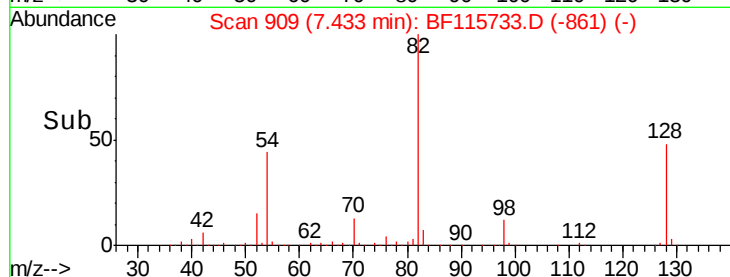
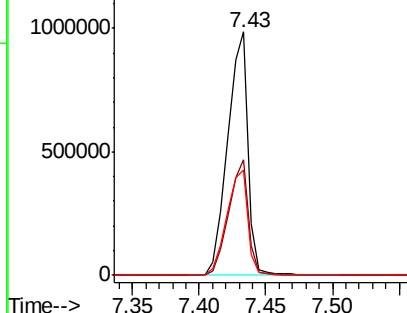
#23
 Nitrobenzene-d5
 Concen: 92.034 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115733.D
 Acq: 23 Jul 2019 21:43

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-071919-B

Tot Ion: 82 Resp: 1068739
 Ion Ratio Lower Upper
 82 100
 128 47.5 38.6 57.8
 54 43.5 35.6 53.4

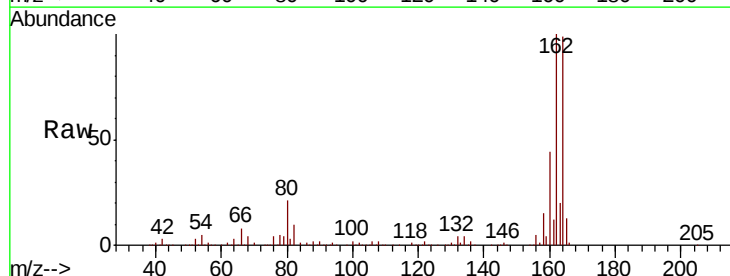


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

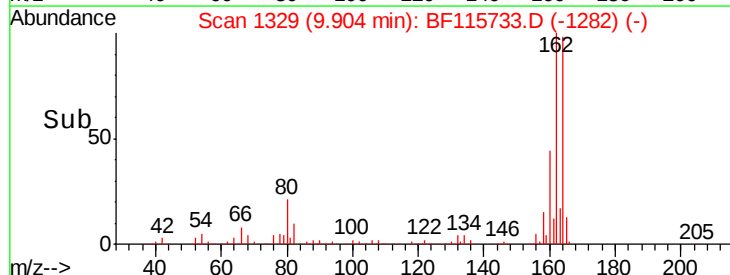
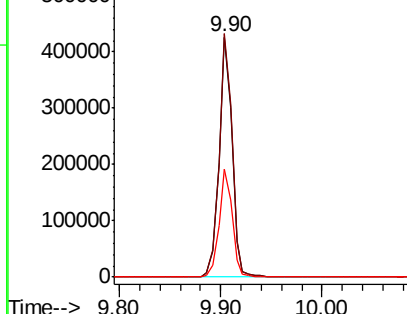


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.02 min
 Lab File: BF115733.D
 Acq: 23 Jul 2019 21:43

Tgt Ion: 164 Resp: 378630
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.9 124.3
 160 44.9 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 123.290 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-B

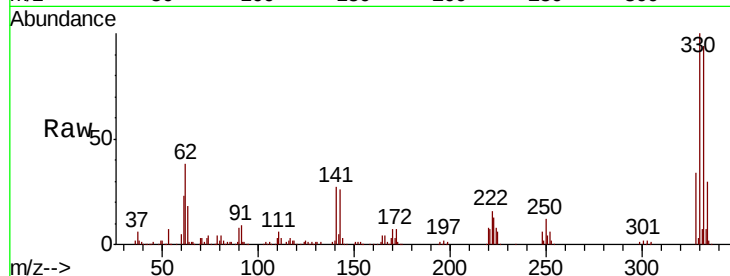
Tot Ion:330 Resp: 544885

Ion Ratio Lower Upper

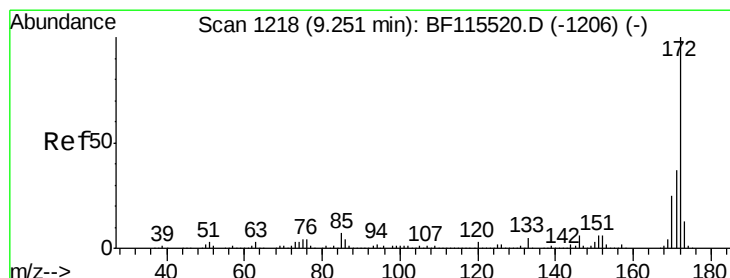
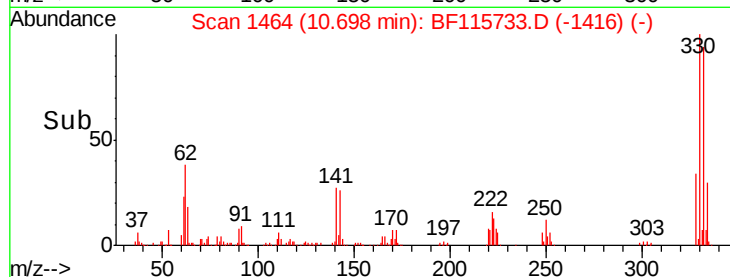
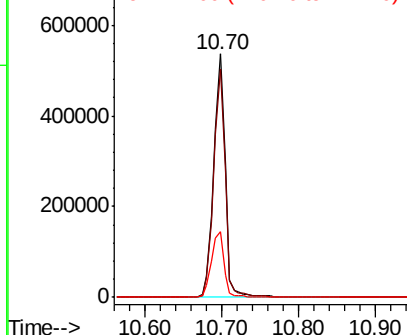
330 100

332 95.3 77.4 116.2

141 30.4 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: 87.639 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

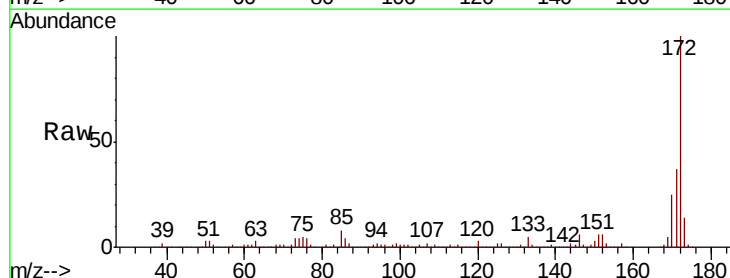
Tgt Ion:172 Resp: 1895847

Ion Ratio Lower Upper

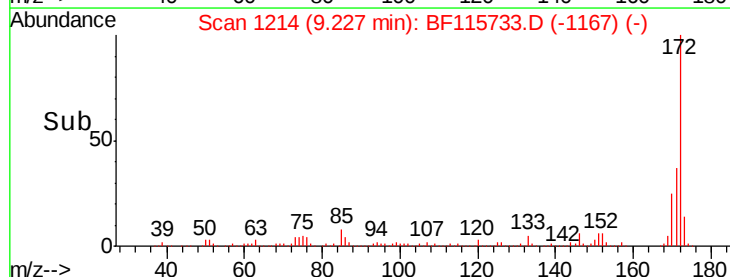
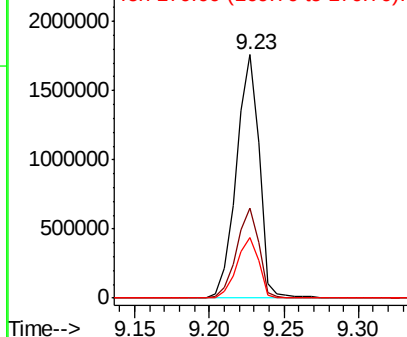
172 100

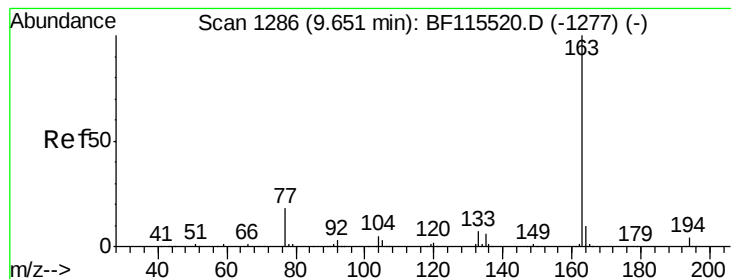
171 36.9 30.6 46.0

170 25.1 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: 2.527 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-B

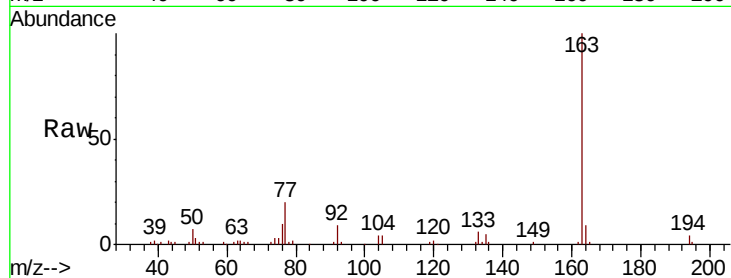
Tot Ion:163 Resp: 71989

Ion Ratio Lower Upper

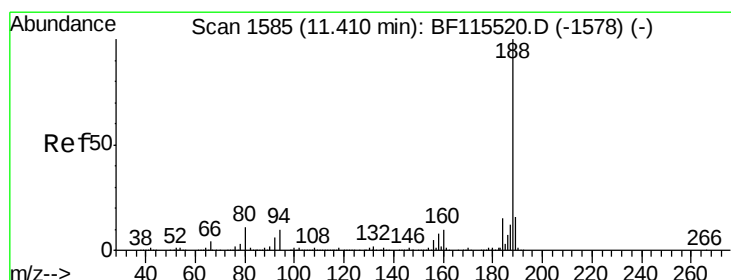
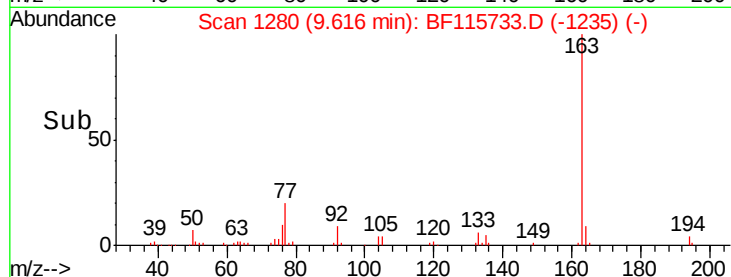
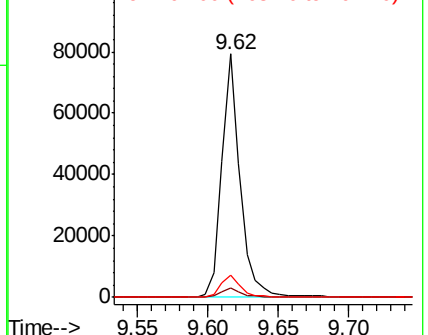
163 100

194 3.8 3.3 4.9

164 9.3 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: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

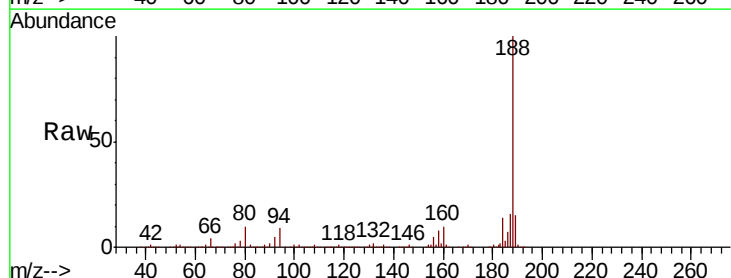
Tgt Ion:188 Resp: 698092

Ion Ratio Lower Upper

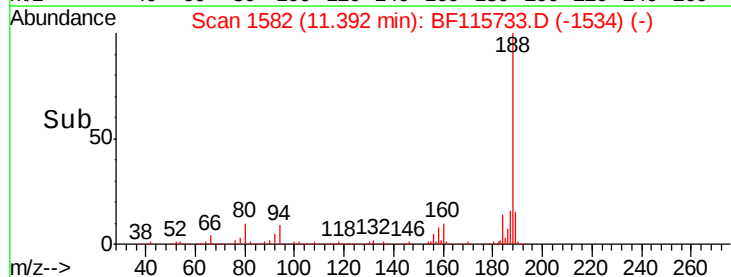
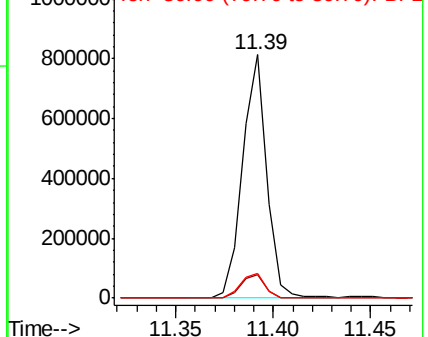
188 100

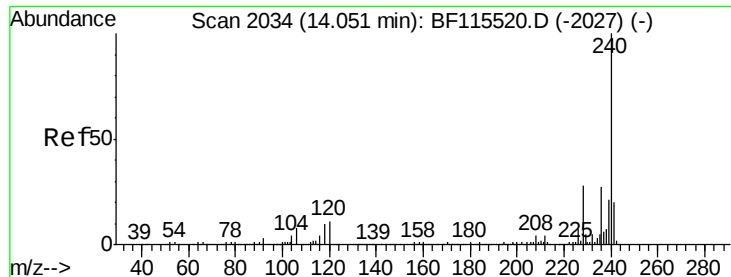
94 9.4 7.8 11.6

80 10.4 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

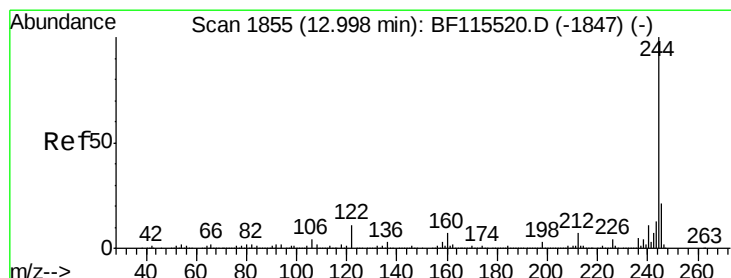
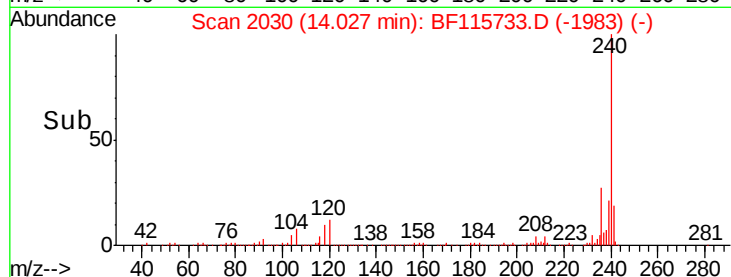
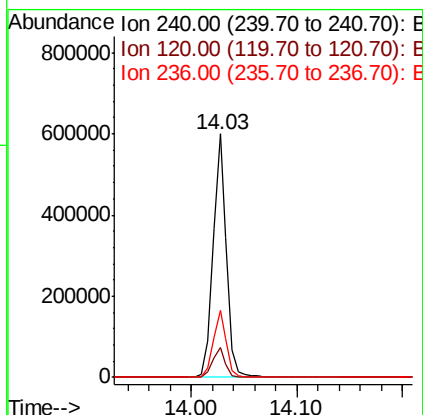
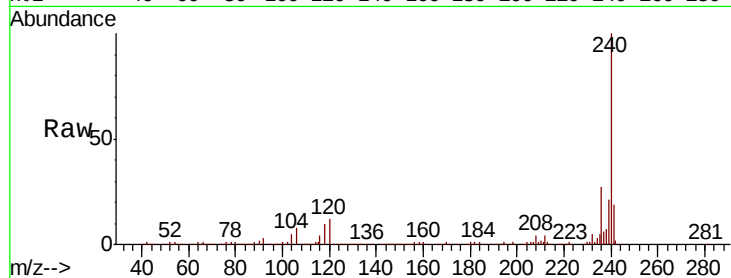




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF115733.D
 Acq: 23 Jul 2019 21:43

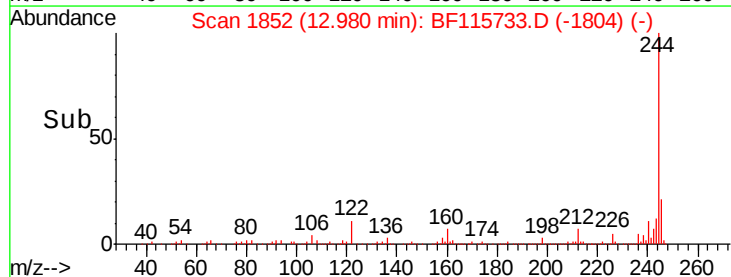
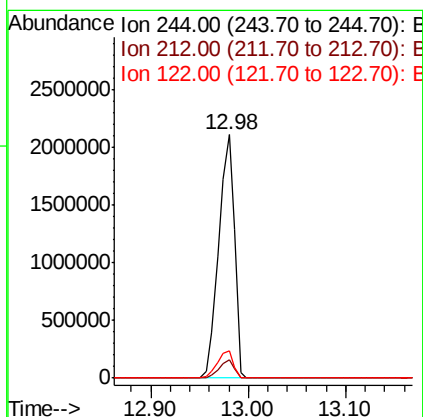
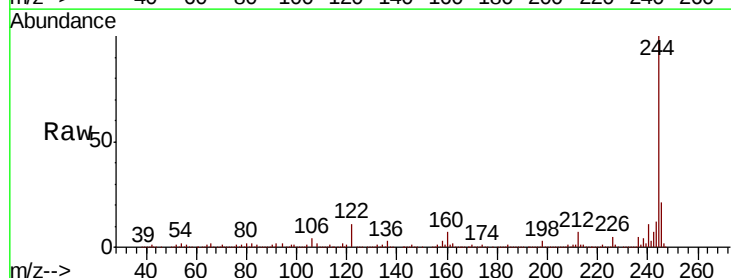
Instrument :
 BNA_F
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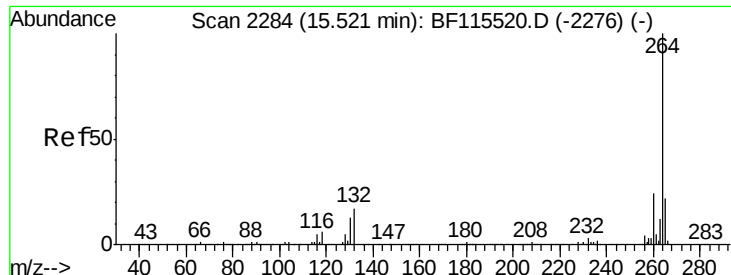
Tot Ion:240 Resp: 534080
 Ion Ratio Lower Upper
 240 100
 120 12.0 8.6 13.0
 236 27.5 21.3 31.9



#79
 Terphenyl-d14
 Concen: 82.032 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115733.D
 Acq: 23 Jul 2019 21:43

Tgt Ion:244 Resp: 2374404
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.1 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: BF115733.D
Acq: 23 Jul 2019 21:43

Instrument :
BNA_F
ClientSampleId :
OR-02-071919-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.4	17.7	26.5

