

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115724.D
 Acq On : 23 Jul 2019 17:29
 Operator : HP/JU
 Sample : PB121645BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BL

Quant Time: Jul 24 05:30:40 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	182912	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	720100	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	403928	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	715739	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	455489	20.00	ng	-0.02
87) Perylene-d12	15.50	264	391343	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1265380	113.16	ng	0.00
7) Phenol-d6	6.50	99	1674672	118.02	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1080428	87.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	513631	108.94	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1962221	85.03	ng	-0.02
79) Terphenyl-d14	12.98	244	2169713	87.89	ng	-0.02

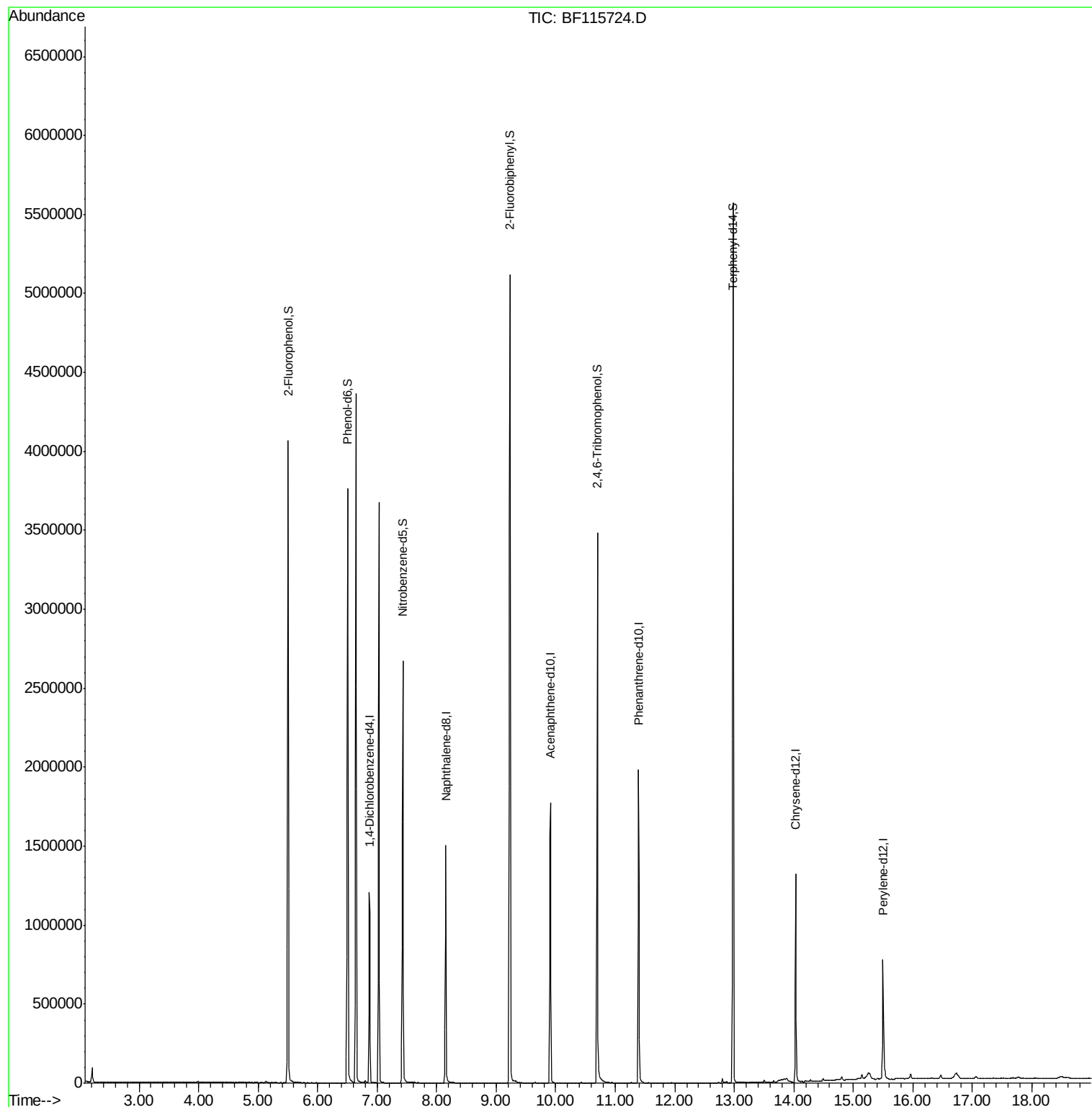
Target Compounds Qvalue

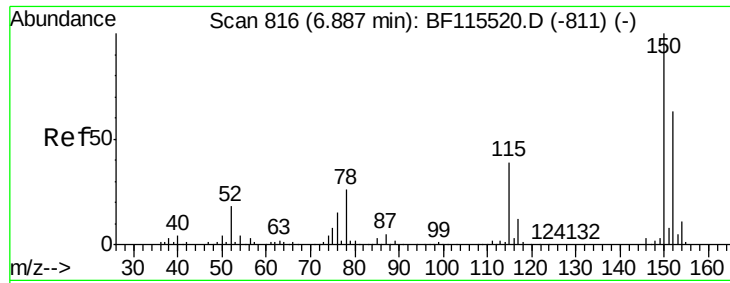
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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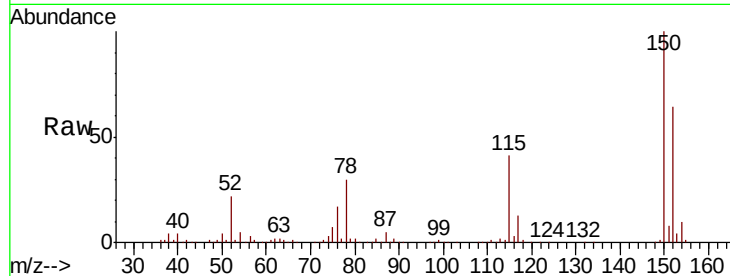




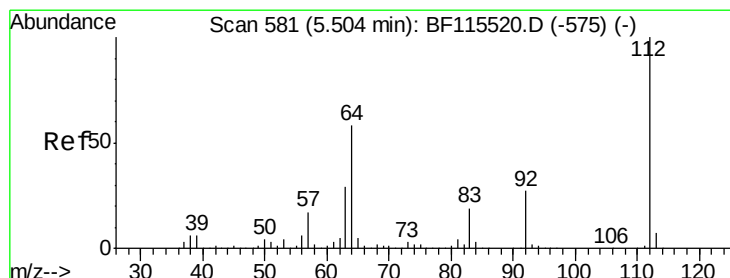
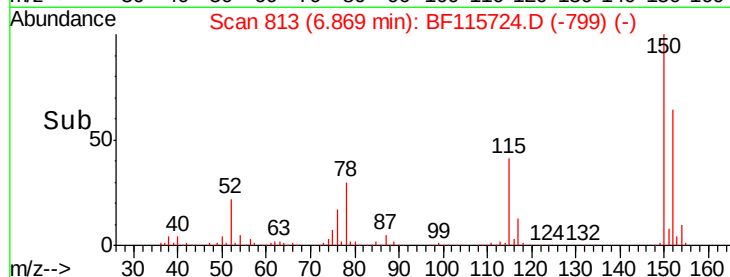
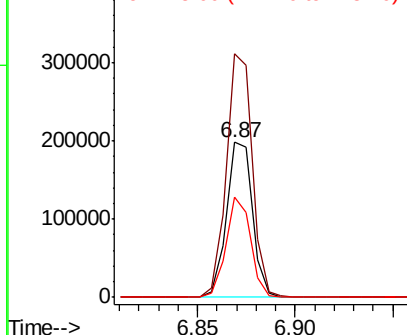
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BL

Tot Ion:152 Resp: 182912
 Ion Ratio Lower Upper
 152 100
 150 157.2 129.7 194.5
 115 64.9 48.2 72.4

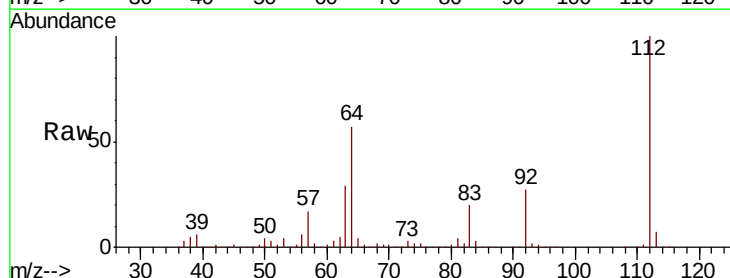


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

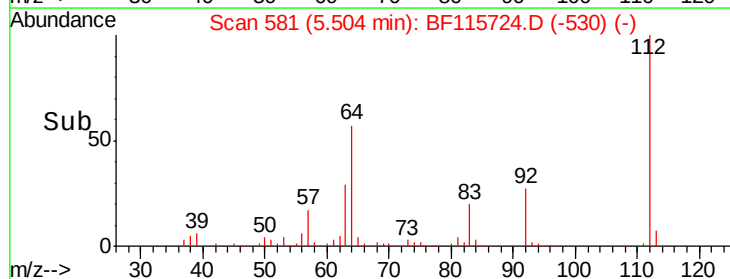
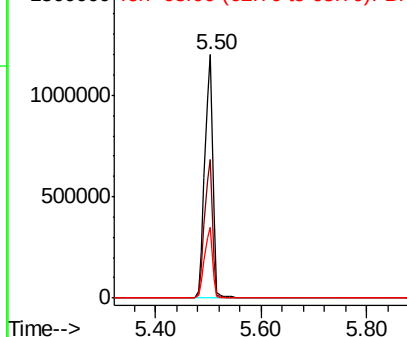


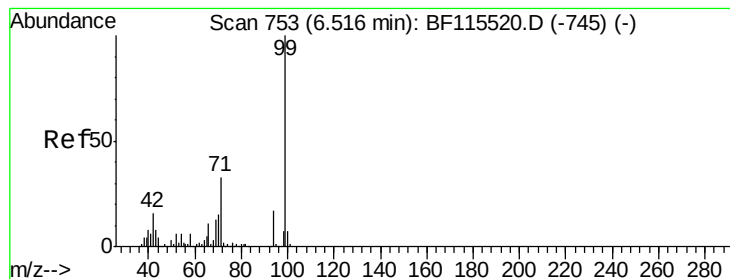
#5
 2-Fluorophenol
 Concen: 113.158 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

Tgt Ion:112 Resp: 1265380
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.8 70.2
 63 29.2 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: 118.024 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115724.D

Acq: 23 Jul 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB121645BL

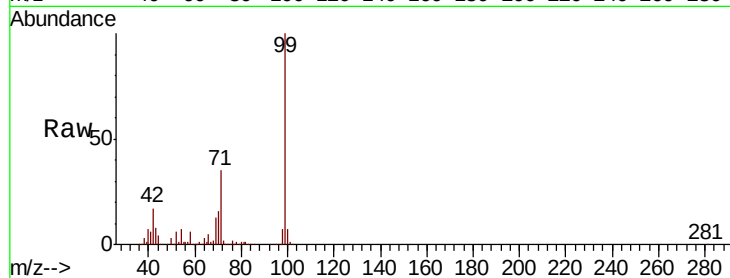
Tot Ion: 99 Resp: 1674672

Ion Ratio Lower Upper

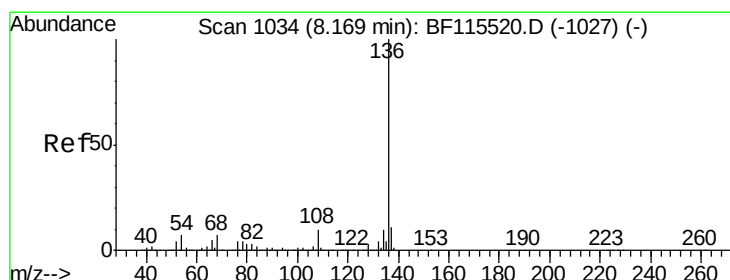
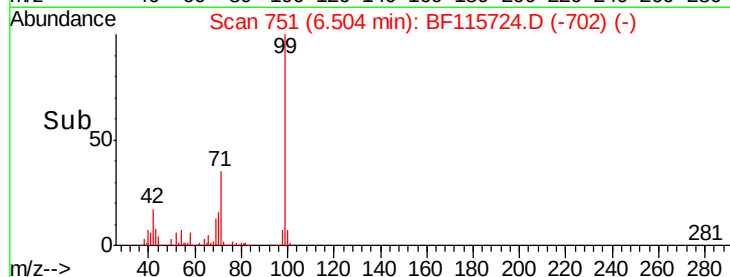
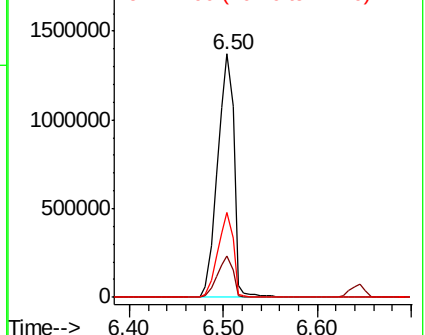
99 100

42 17.0 13.6 20.4

71 34.7 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: BF115724.D

Acq: 23 Jul 2019 17:29

Tgt Ion: 136 Resp: 720100

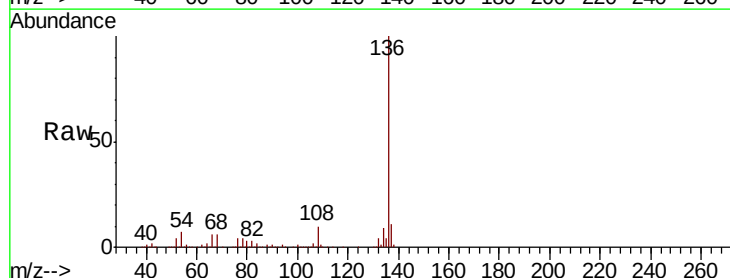
Ion Ratio Lower Upper

136 100

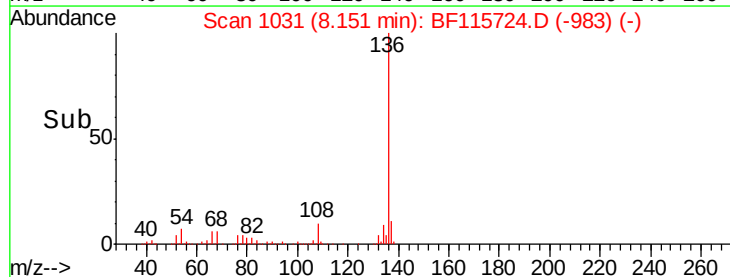
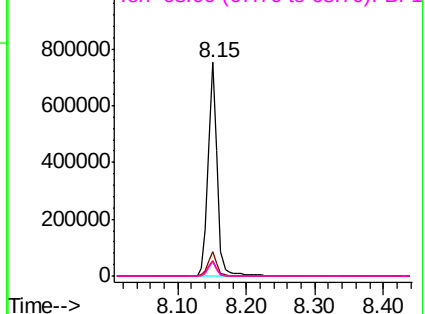
137 11.2 9.0 13.4

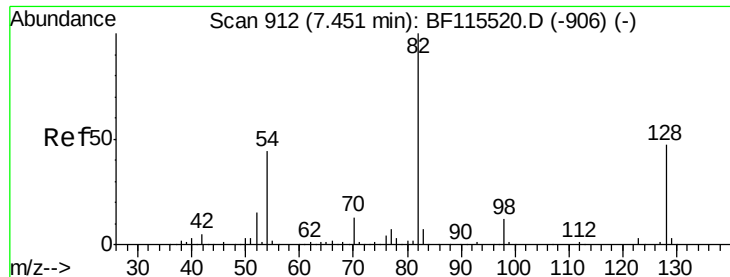
54 7.0 5.6 8.4

68 6.4 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

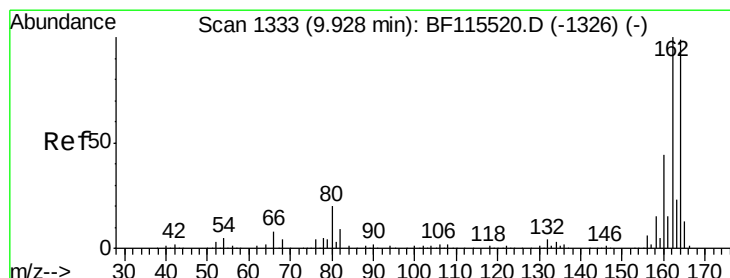
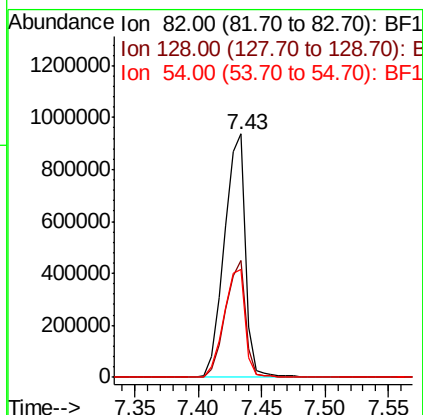
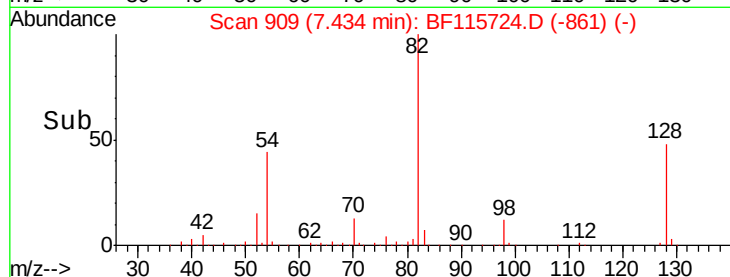
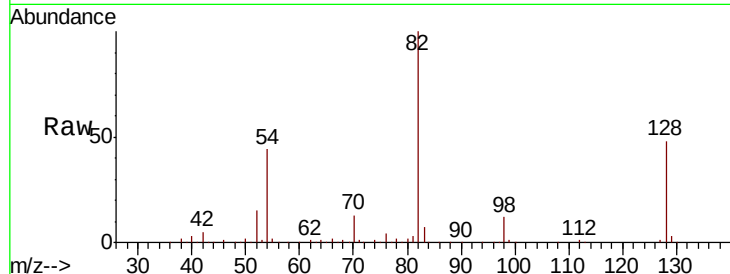




#23
 Nitrobenzene-d5
 Concen: 87.242 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.02 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

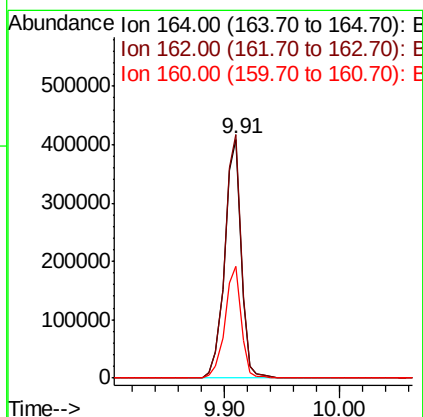
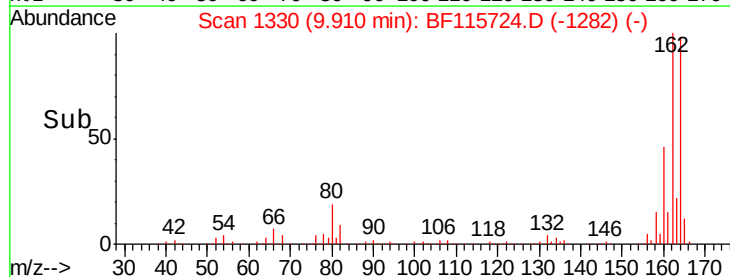
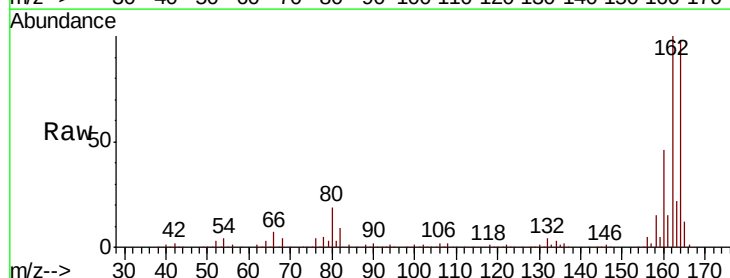
Instrument :
 BNA_F
 ClientSampleId :
 PB121645BL

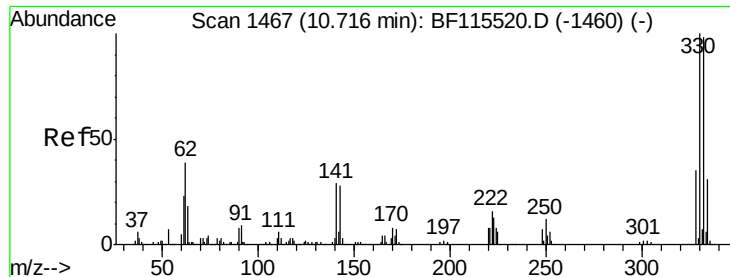
Tot Ion: 82 Resp: 1080428
 Ion Ratio Lower Upper
 82 100
 128 48.0 38.6 57.8
 54 44.1 35.6 53.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

Tgt Ion:164 Resp: 403928
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.9 124.3
 160 46.7 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 108.940 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115724.D

Acq: 23 Jul 2019 17:29

Instrument :

BNA_F

ClientSampleId :

PB121645BL

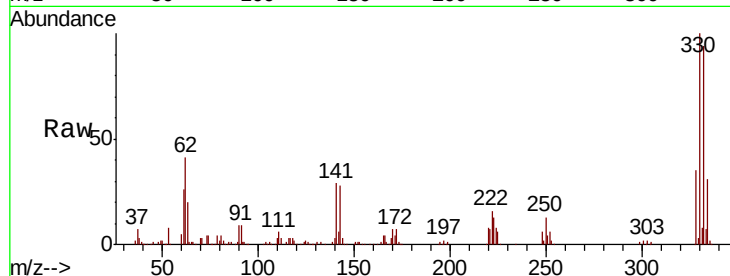
Tot Ion:330 Resp: 513631

Ion Ratio Lower Upper

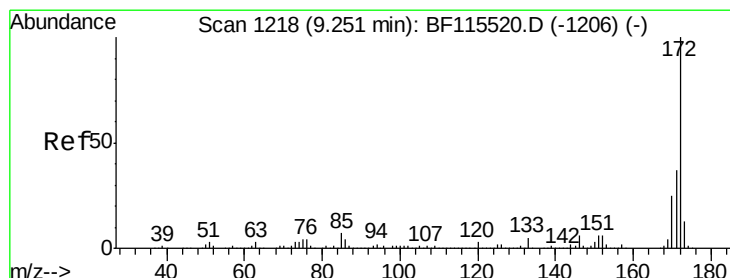
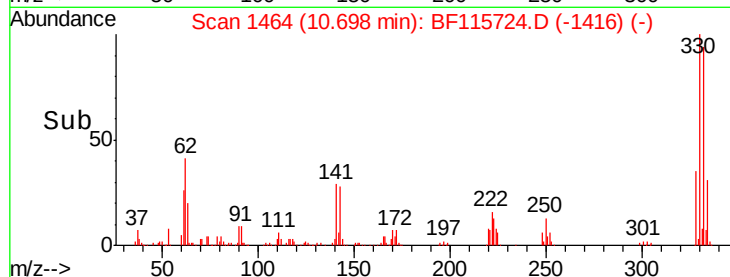
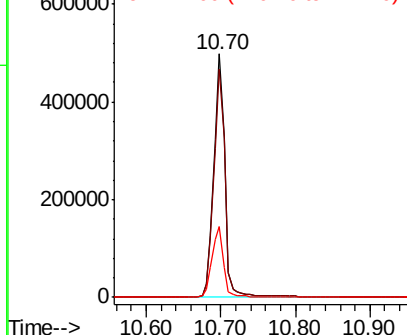
330 100

332 96.0 77.4 116.2

141 30.8 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: 85.026 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF115724.D

Acq: 23 Jul 2019 17:29

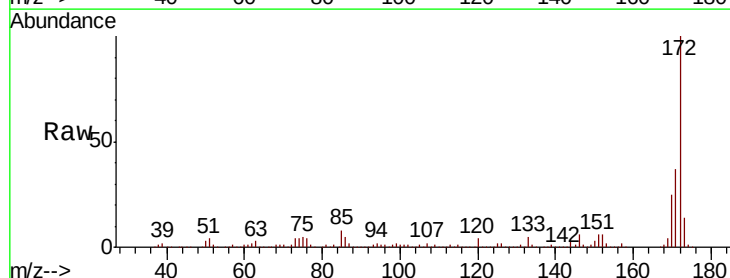
Tgt Ion:172 Resp: 1962221

Ion Ratio Lower Upper

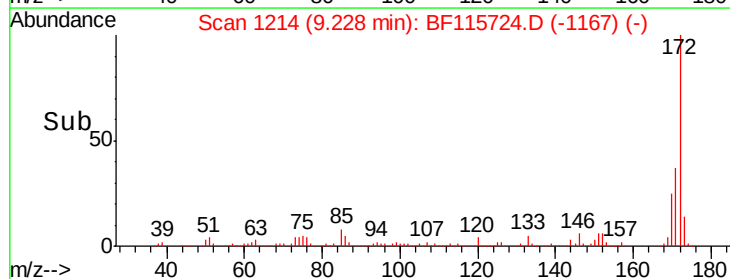
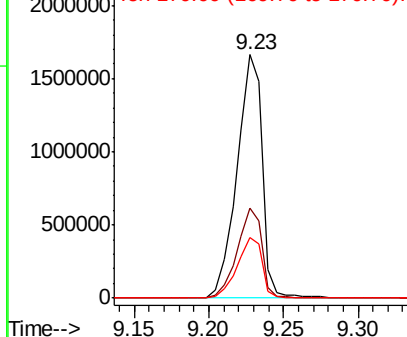
172 100

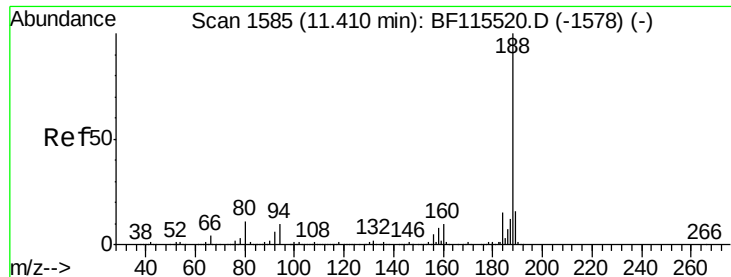
171 37.1 30.6 46.0

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

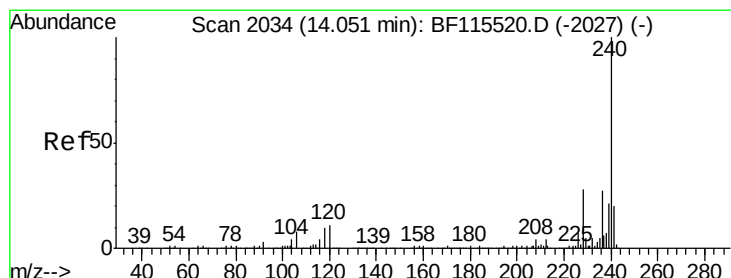
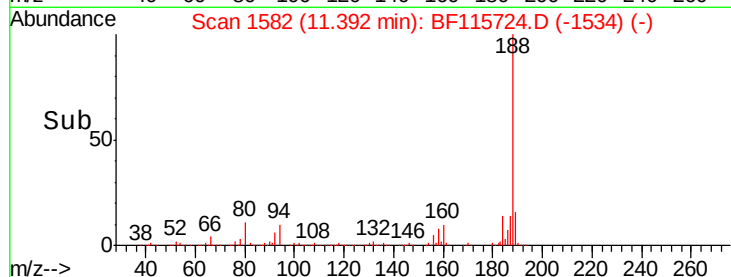
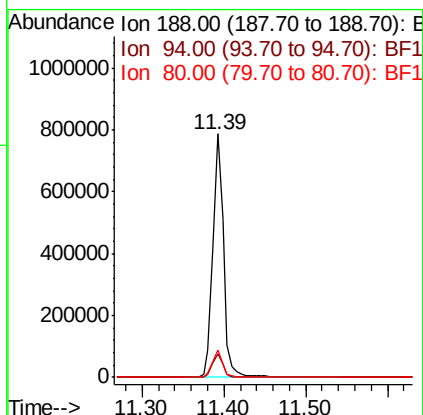
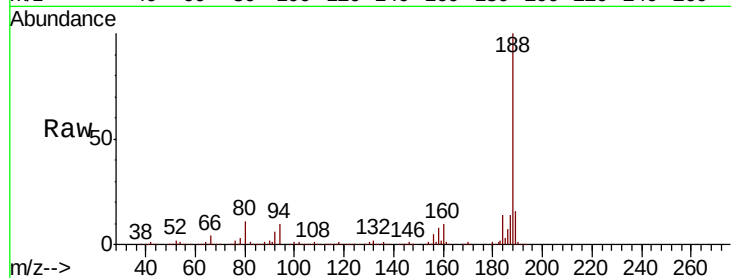




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115724.D
Acq: 23 Jul 2019 17:29

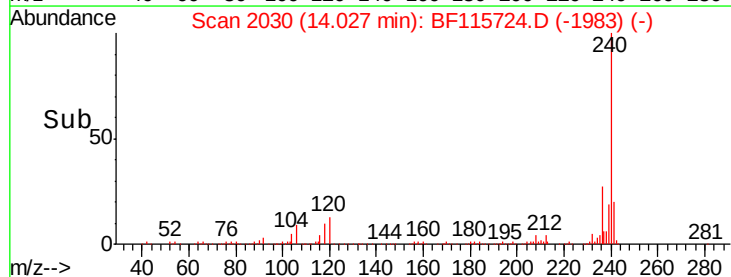
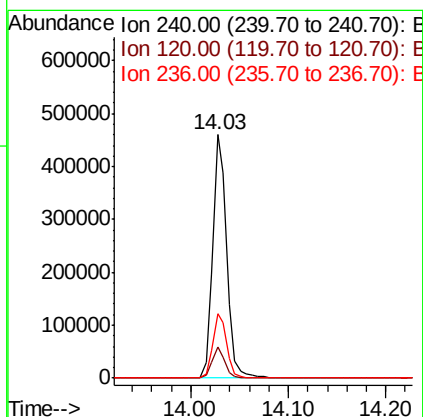
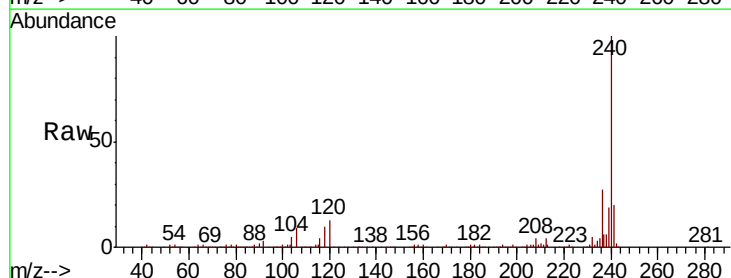
Instrument :
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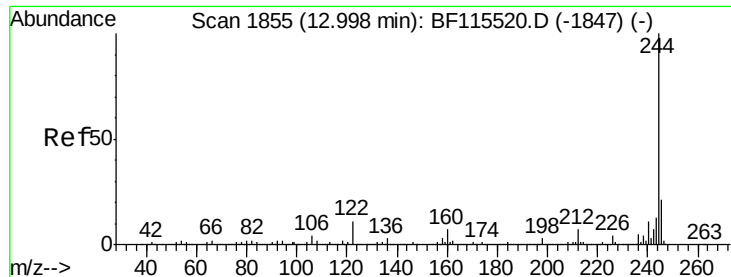
Tot Ion:188 Resp: 715739
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.6
80 11.0 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115724.D
Acq: 23 Jul 2019 17:29

Tgt Ion:240 Resp: 455489
Ion Ratio Lower Upper
240 100
120 12.6 8.6 13.0
236 26.6 21.3 31.9

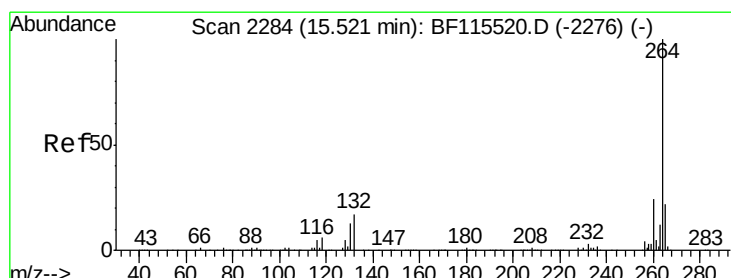
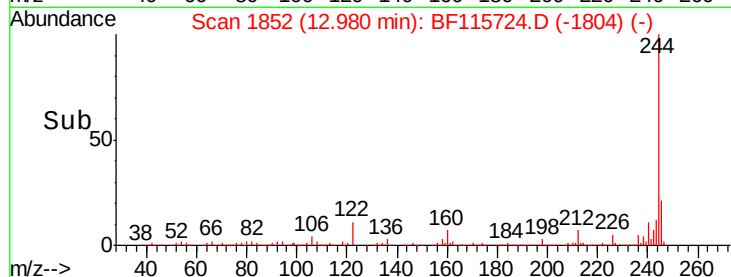
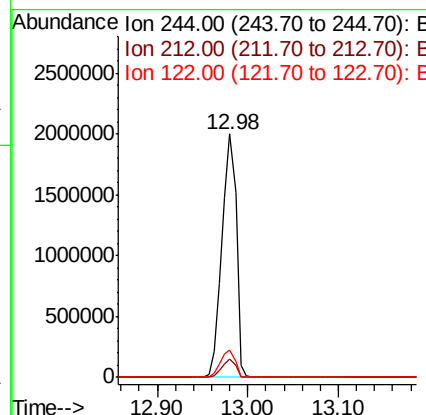
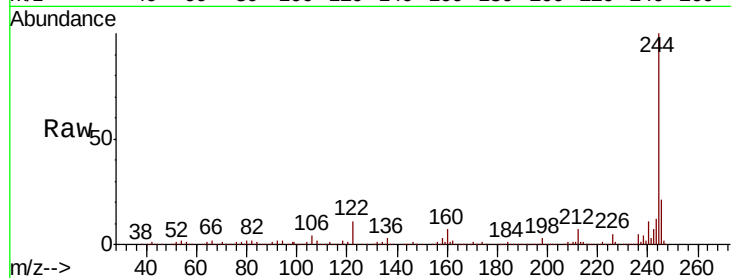




#79
 Terphenyl-d14
 Concen: 87.894 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 PB121645BL

Tot Ion:244 Resp: 2169713
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 11.2 8.6 12.8



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

Tgt Ion:264 Resp: 391343
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.8
 265 22.0 17.7 26.5

