

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121019\
 Data File : BF118173.D
 Acq On : 10 Dec 2019 19:58
 Operator : JU
 Sample : K6204-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K072-AA-WC-2

Quant Time: Dec 11 02:58:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	74385	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	281284	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	136952	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	237008	20.00	ng	0.00
76) Chrysene-d12	14.06	240	188539	20.00	ng	0.00
87) Perylene-d12	15.56	264	180433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	559275	131.69	ng	0.00
7) Phenol-d6	6.50	99	624928	121.65	ng	0.00
23) Nitrobenzene-d5	7.43	82	445384	89.08	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	215393	129.46	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	890234	98.91	ng	0.00
79) Terphenyl-d14	13.00	244	933134	85.11	ng	0.00

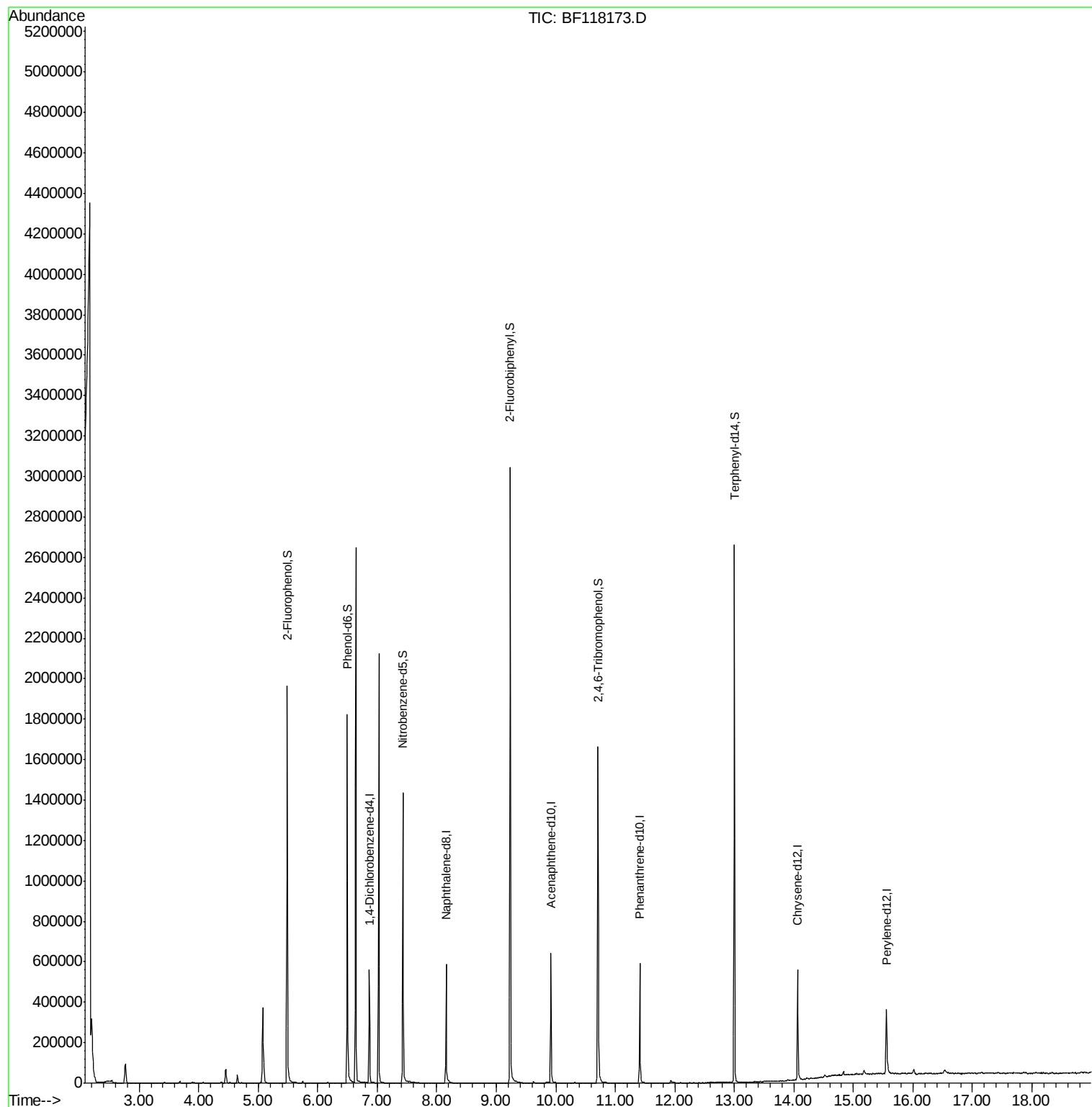
Target Compounds Qvalue

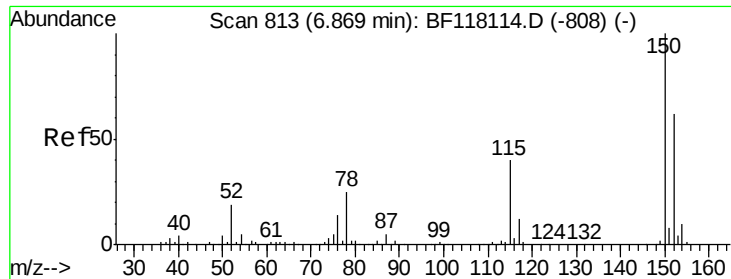
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 17:34:43 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF118173.D

Acq: 10 Dec 2019 19:58

Instrument :

BNA_F

ClientSampleId :

K072-AA-WC-2

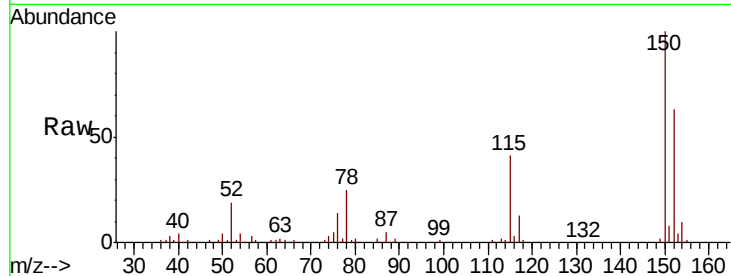
Tot Ion:152 Resp: 74385

Ion Ratio Lower Upper

152 100

150 158.7 128.3 192.5

115 65.4 51.1 76.7

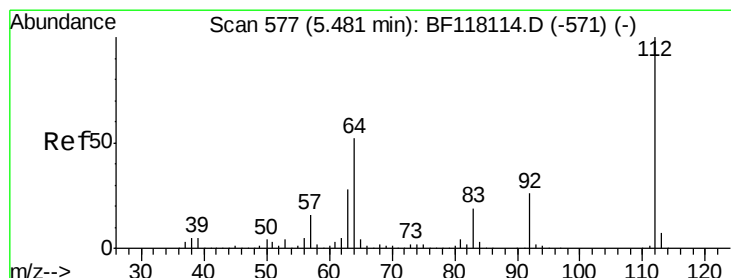
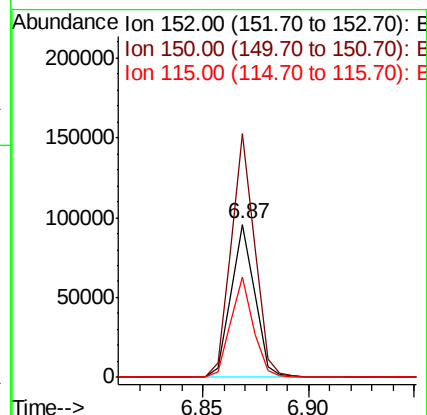
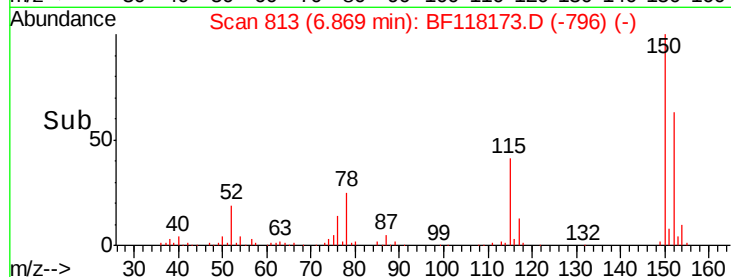


Abundance

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: 131.687 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF118173.D

Acq: 10 Dec 2019 19:58

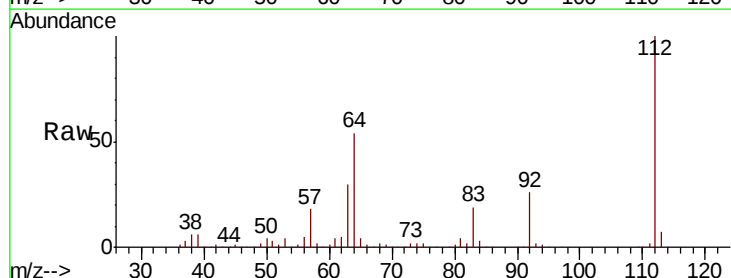
Tgt Ion:112 Resp: 559275

Ion Ratio Lower Upper

112 100

64 54.1 41.3 61.9

63 30.3 22.4 33.6

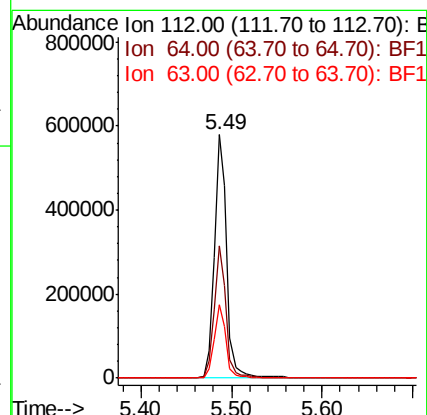
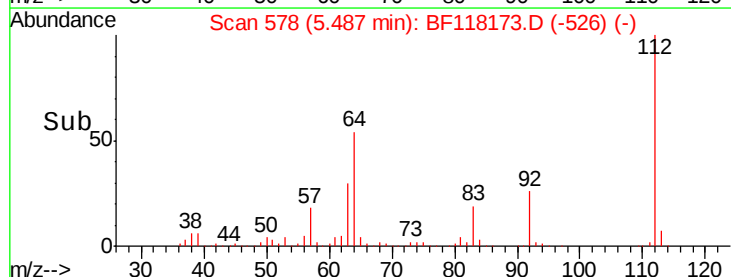


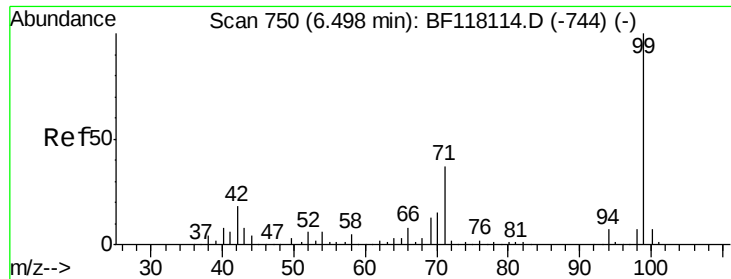
Abundance

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: 121.655 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF118173.D

Acq: 10 Dec 2019 19:58

Instrument :

BNA_F

ClientSampleId :

K072-AA-WC-2

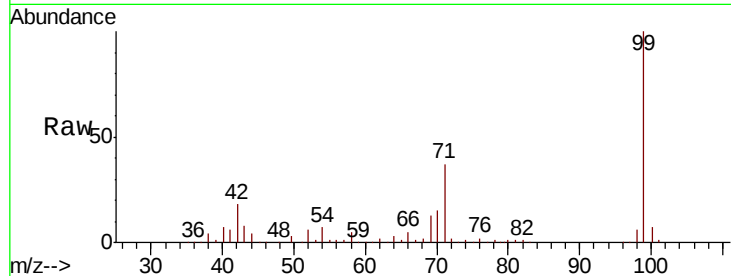
Tot Ion: 99 Resp: 624928

Ion Ratio Lower Upper

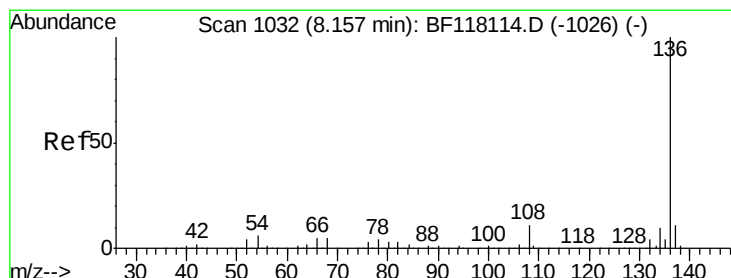
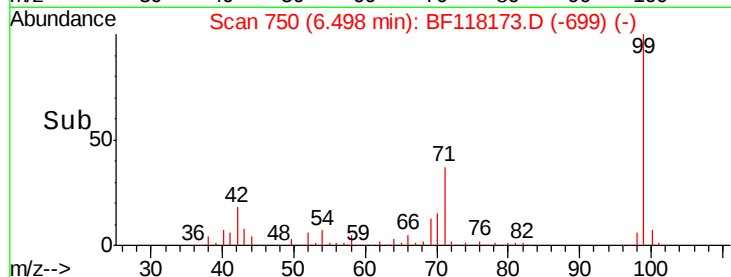
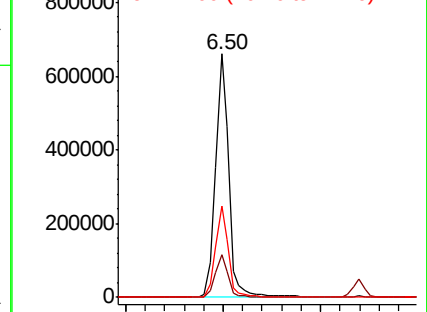
99 100

42 17.6 14.1 21.1

71 37.3 29.7 44.5



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: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF118173.D

Acq: 10 Dec 2019 19:58

Tgt Ion: 136 Resp: 281284

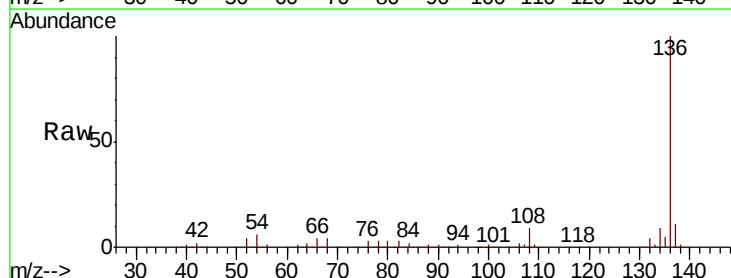
Ion Ratio Lower Upper

136 100

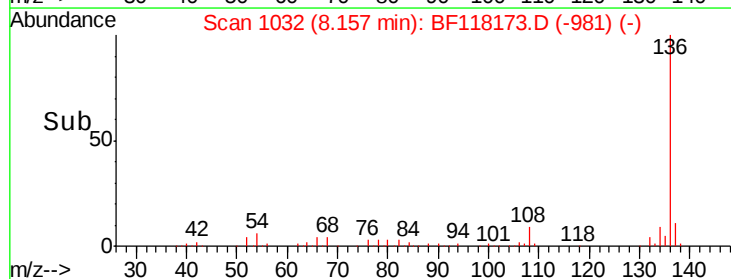
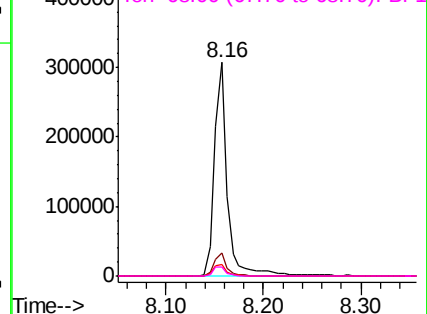
137 10.8 9.0 13.6

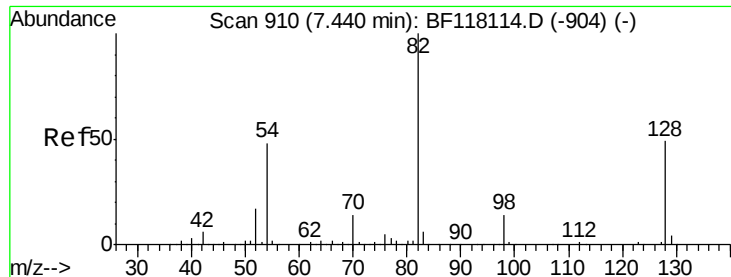
54 5.6 5.0 7.6

68 4.0 3.8 5.8



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

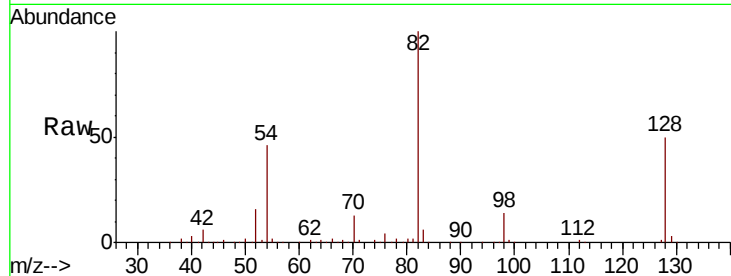




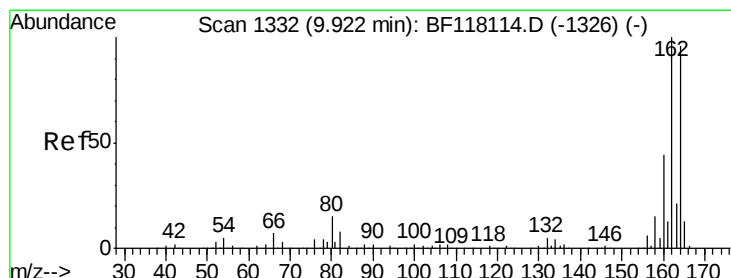
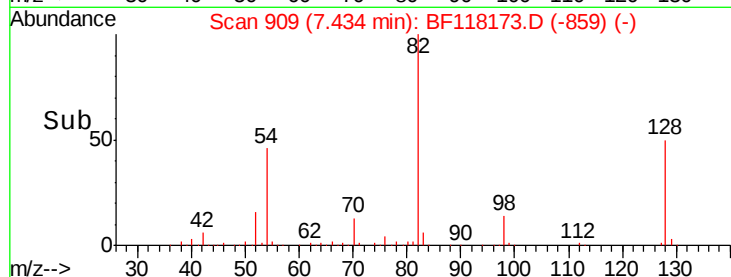
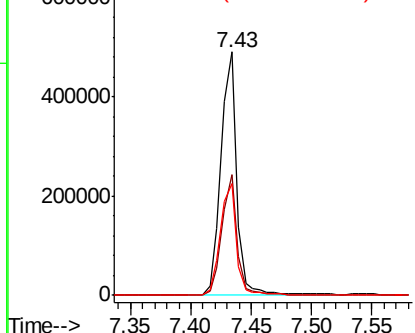
#23
 Nitrobenzene-d5
 Concen: 89.078 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118173.D
 Acq: 10 Dec 2019 19:58

Instrument :
 BNA_F
 ClientSampleId :
 K072-AA-WC-2

Tot Ion: 82 Resp: 445384
 Ion Ratio Lower Upper
 82 100
 128 49.6 39.1 58.7
 54 46.2 38.2 57.2

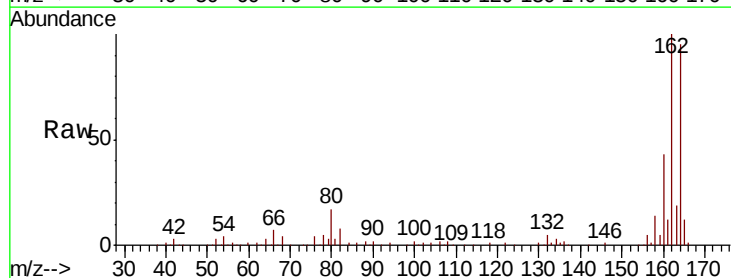


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

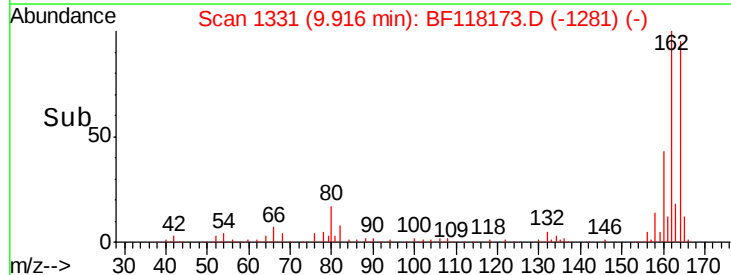
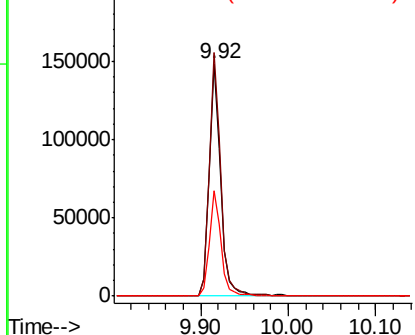


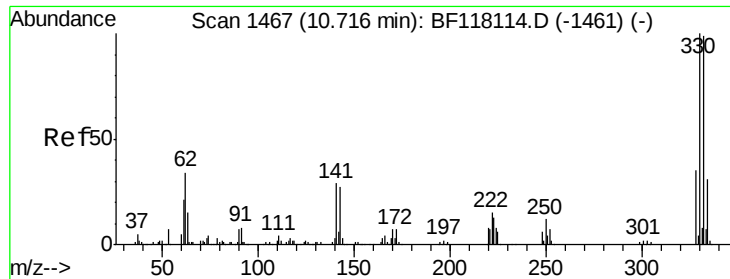
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF118173.D
 Acq: 10 Dec 2019 19:58

Tgt Ion:164 Resp: 136952
 Ion Ratio Lower Upper
 164 100
 162 104.7 83.4 125.0
 160 45.4 36.6 54.8



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

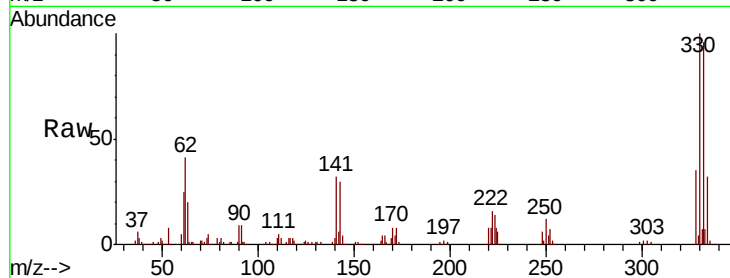




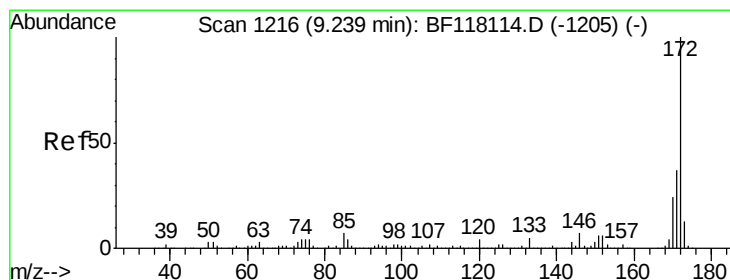
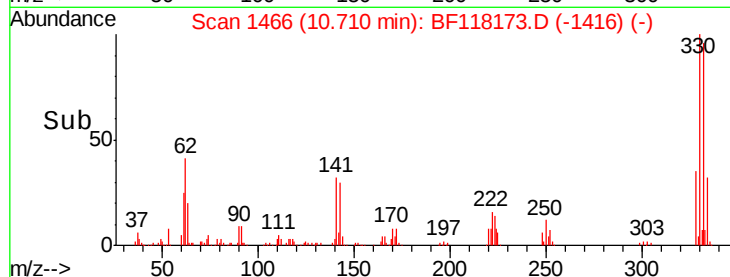
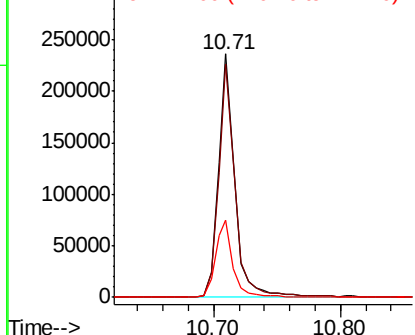
#42
 2,4,6-Tribromophenol
 Concen: 129.465 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF118173.D
 Acq: 10 Dec 2019 19:58

Instrument :
 BNA_F
 ClientSampleId :
 K072-AA-WC-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.1	117.1
141	33.6	26.9	40.3

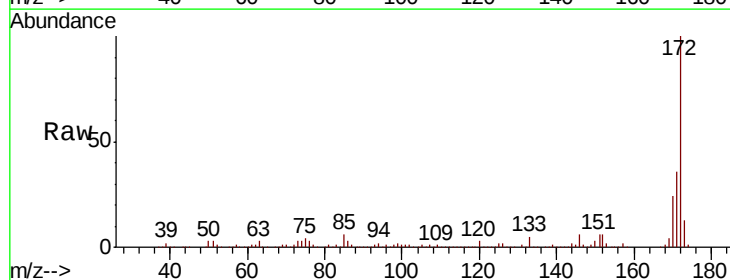


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

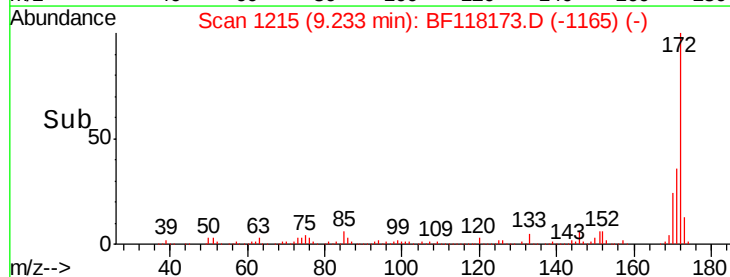
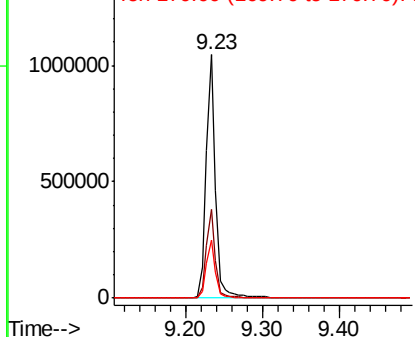


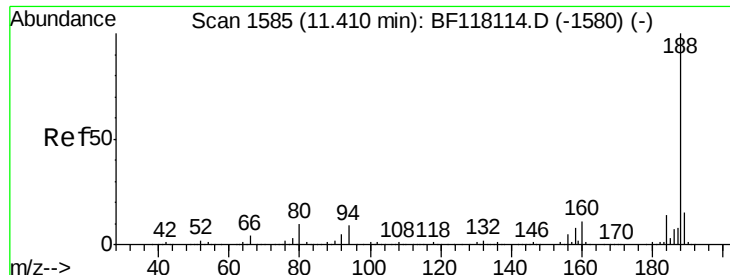
#45
 2-Fluorobiphenyl
 Concen: 98.912 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF118173.D
 Acq: 10 Dec 2019 19:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	23.8	19.4	29.2



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

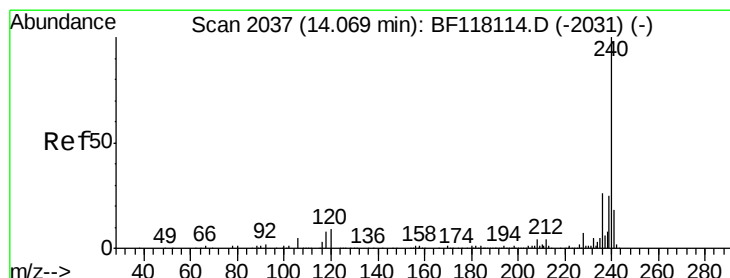
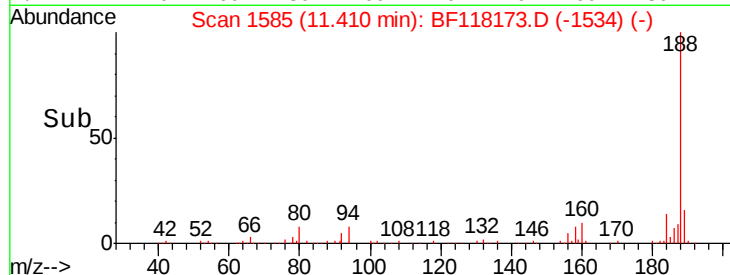
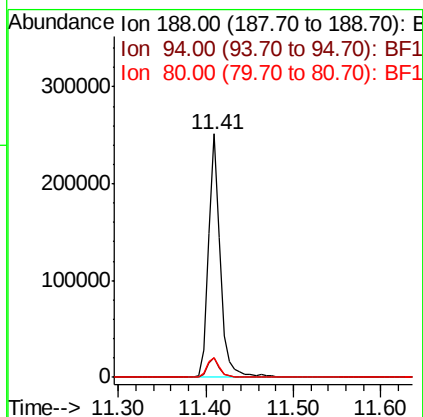
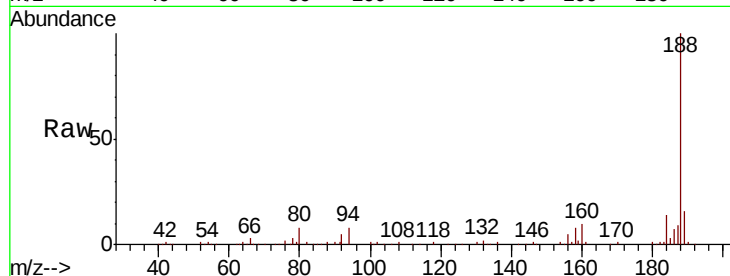




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118173.D
Acq: 10 Dec 2019 19:58

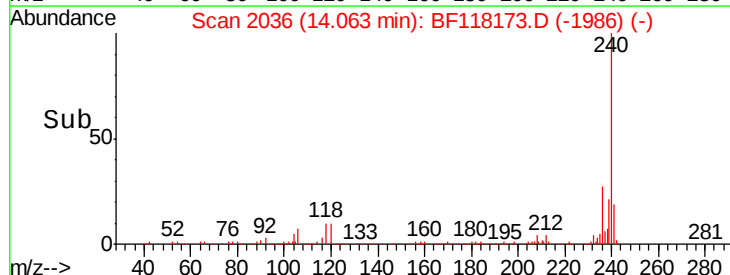
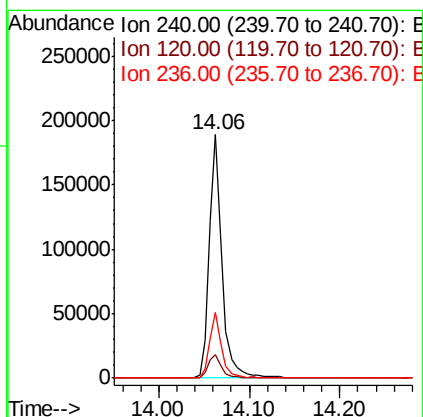
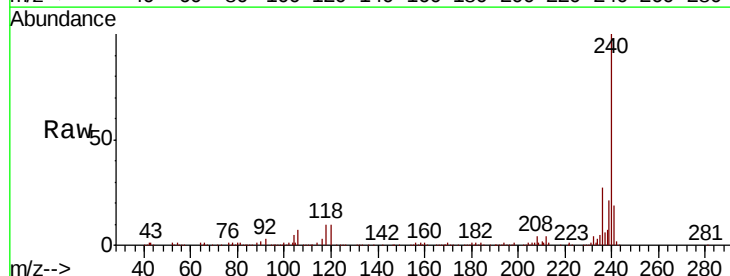
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BNA_F
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K072-AA-WC-2

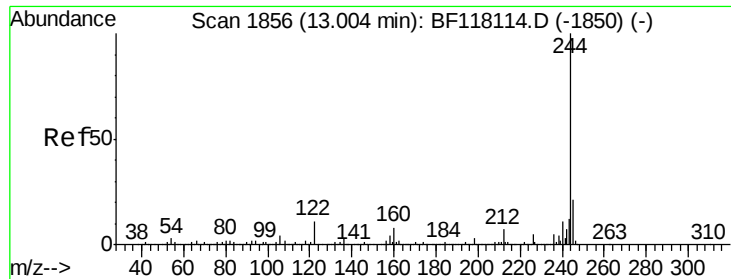
Tot Ion:188 Resp: 237008
Ion Ratio Lower Upper
188 100
94 8.3 7.1 10.7
80 8.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118173.D
Acq: 10 Dec 2019 19:58

Tgt Ion:240 Resp: 188539
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 27.2 21.0 31.6





#79

Terphenyl-d14

Concen: 85.109 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF118173.D

Acq: 10 Dec 2019 19:58

Instrument :

BNA_F

ClientSampleId :

K072-AA-WC-2

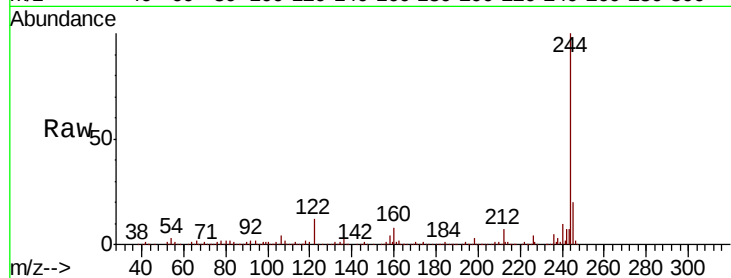
Tot Ion:244 Resp: 933134

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

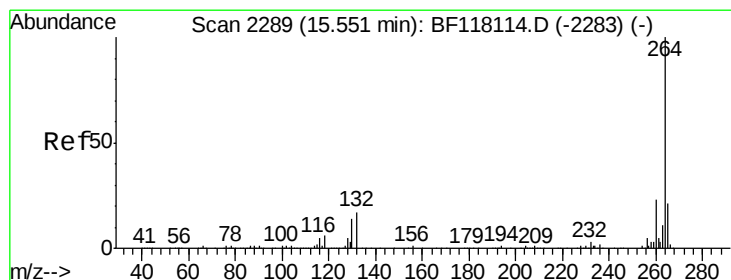
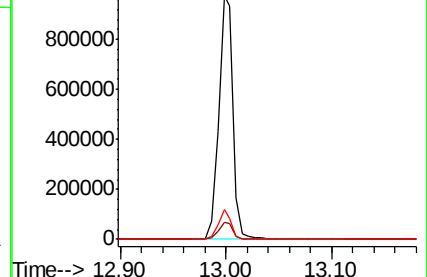
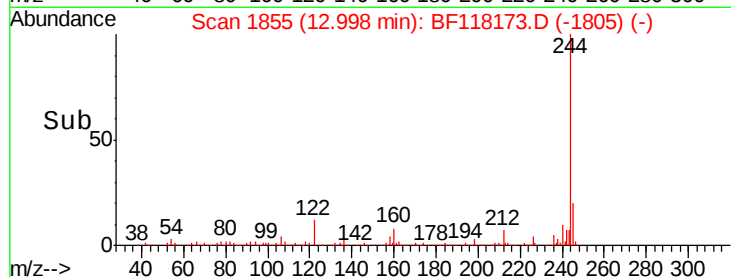
122 12.1 9.0 13.6



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: 15.56 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BF118173.D

Acq: 10 Dec 2019 19:58

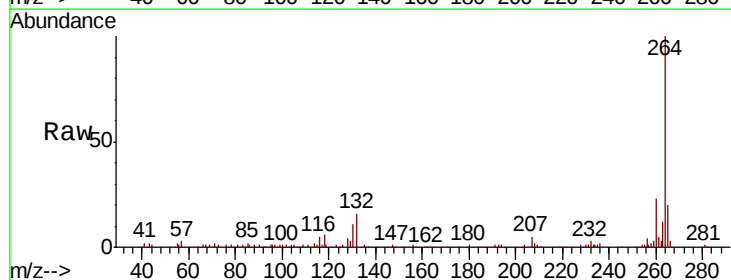
Tgt Ion:264 Resp: 180433

Ion Ratio Lower Upper

264 100

260 22.5 18.6 28.0

265 20.2 16.8 25.2



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

