

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114800.D
 Acq On : 4 Jun 2019 19:27
 Operator : HP/JU
 Sample : K2641-22
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-E

Quant Time: Jun 05 04:43:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	243118	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	931421	20.00	ng	0.00
39) Acenaphthene-d10	9.69	164	467247	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	945024	20.00	ng	0.00
76) Chrysene-d12	13.78	240	787968	20.00	ng	-0.01
87) Perylene-d12	15.16	264	822481	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1513260	108.76	ng	0.00
7) Phenol-d6	6.30	99	1585747	93.66	ng	0.00
23) Nitrobenzene-d5	7.22	82	1333153	88.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	668167	132.70	ng	0.00
45) 2-Fluorobiphenyl	9.02	172	2451194	98.27	ng	0.00
79) Terphenyl-d14	12.74	244	3073291	75.85	ng	0.00

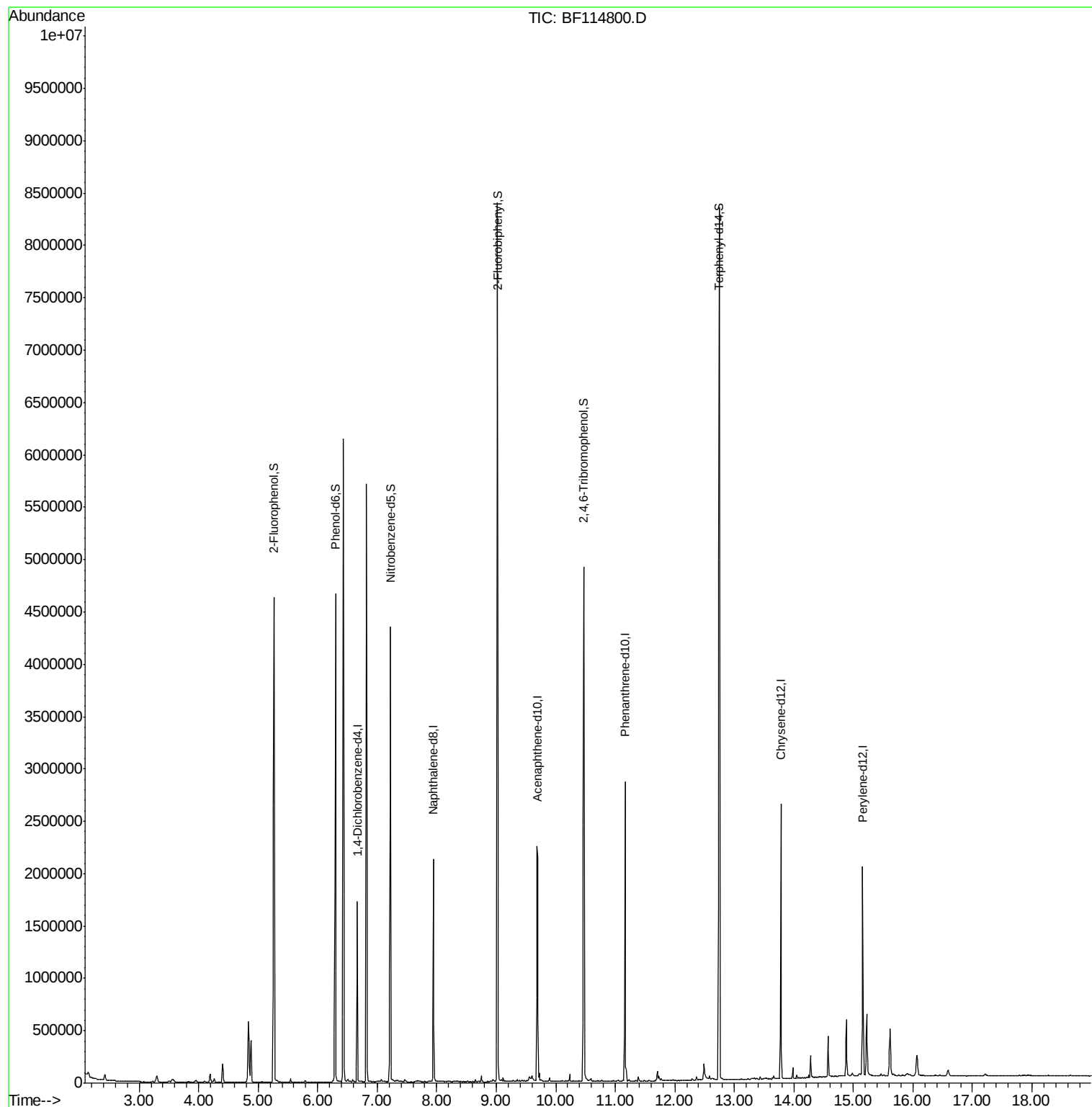
Target Compounds Qvalue

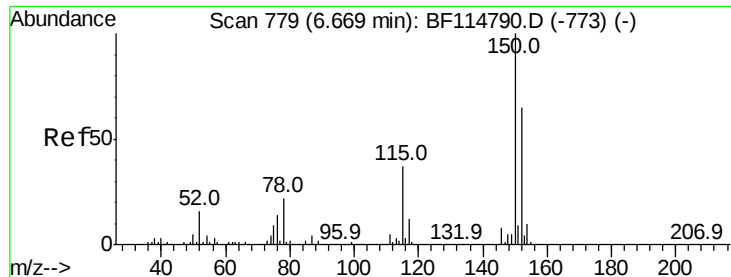
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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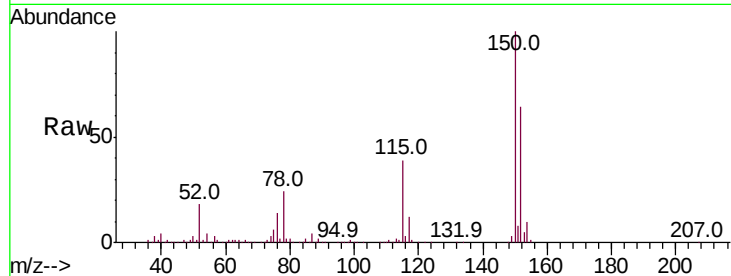


#1

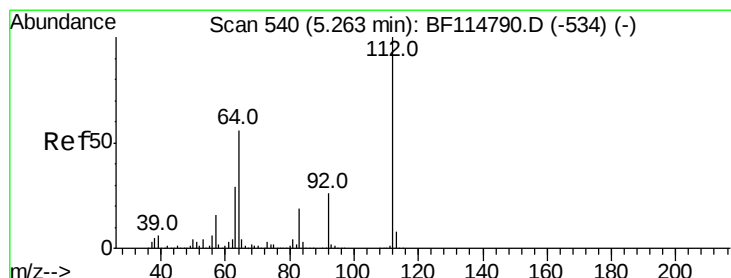
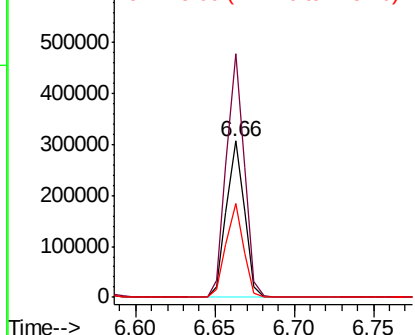
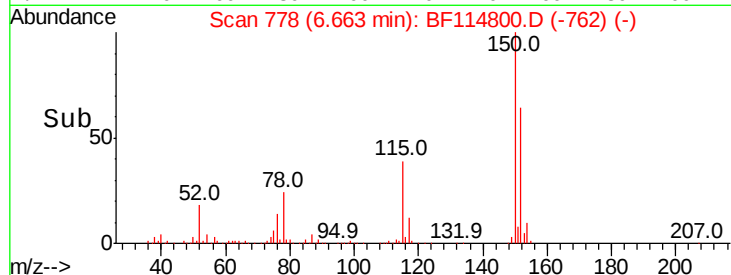
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114800.D
Acq: 4 Jun 2019 19:27

Instrument :
BNA_F
ClientSampleId :
CL-02-053119-E

Tot Ion:152 Resp: 243118
Ion Ratio Lower Upper
152 100
150 155.9 124.0 186.0
115 60.1 46.3 69.5



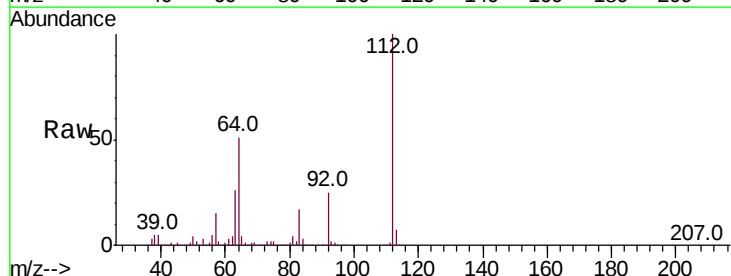
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



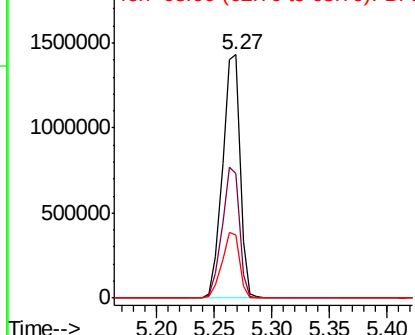
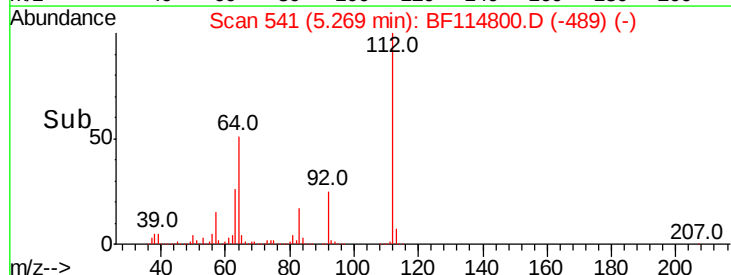
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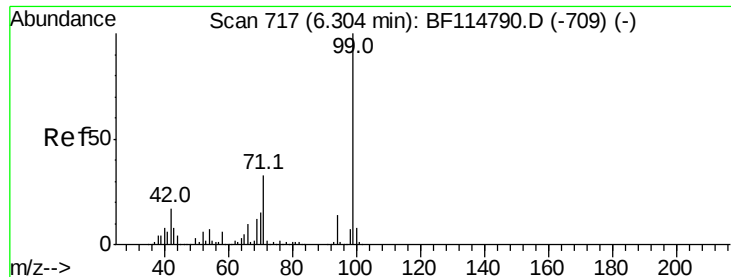
2-Fluorophenol
Concen: 108.762 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF114800.D
Acq: 4 Jun 2019 19:27

Tgt Ion:112 Resp: 1513260
Ion Ratio Lower Upper
112 100
64 51.1 44.6 66.8
63 26.2 23.0 34.4



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: 93.665 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114800.D

Acq: 4 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-E

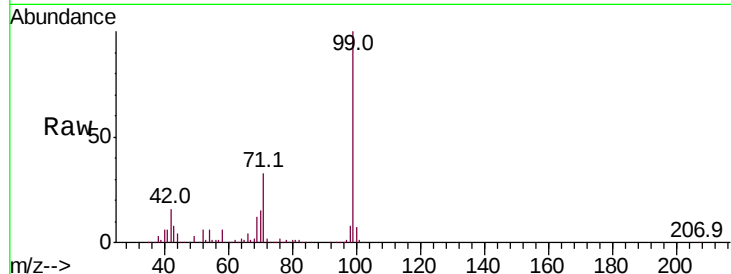
Tot Ion: 99 Resp: 1585747

Ion Ratio Lower Upper

99 100

42 15.8 13.3 19.9

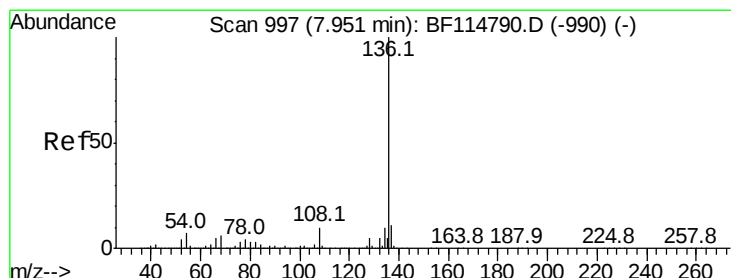
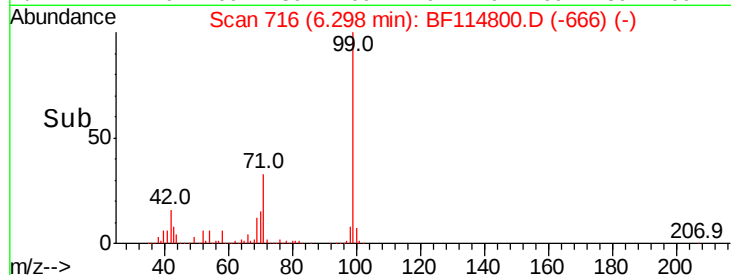
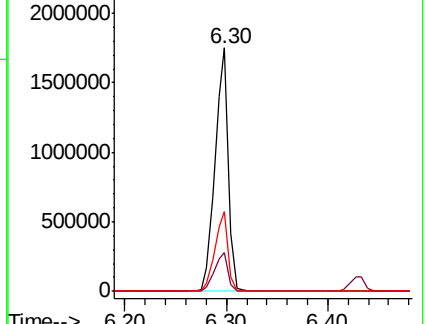
71 32.5 26.3 39.5



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: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF114800.D

Acq: 4 Jun 2019 19:27

Tgt Ion: 136 Resp: 931421

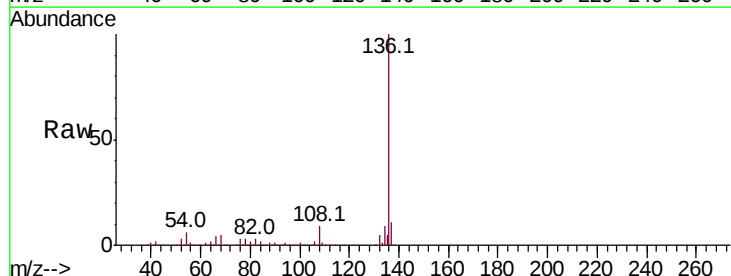
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 5.8 5.4 8.0

68 5.2 4.6 6.8

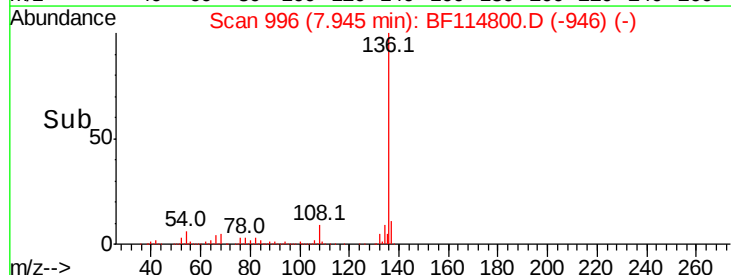
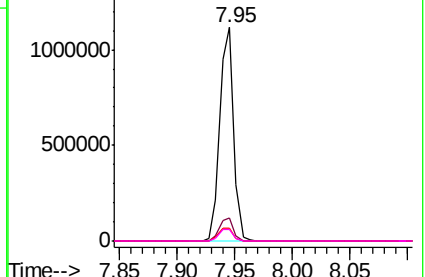


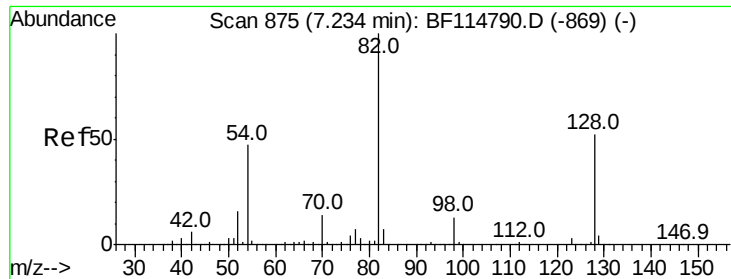
Abundance Ion 136.00 (135.70 to 136.70): E

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

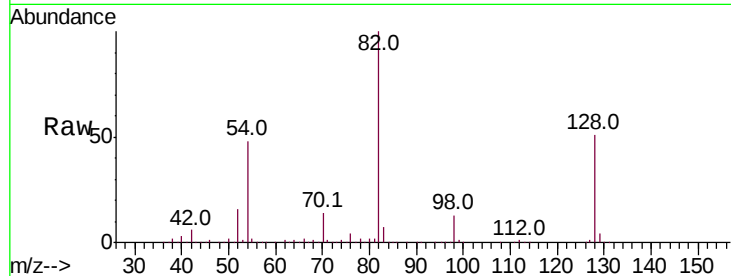




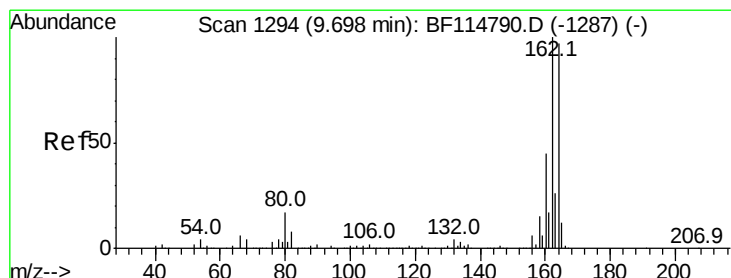
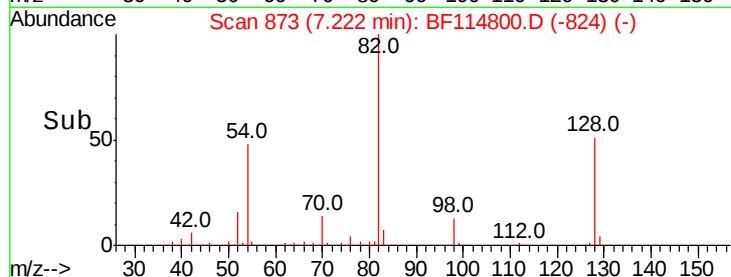
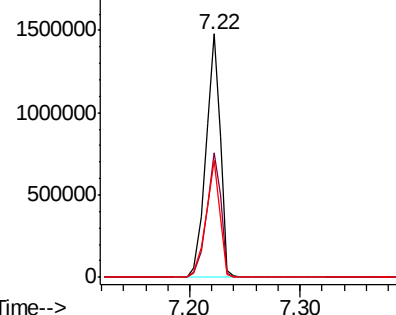
#23
 Nitrobenzene-d5
 Concen: 88.109 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: BF114800.D
 Acq: 4 Jun 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-E

Tot Ion: 82 Resp: 1333153
 Ion Ratio Lower Upper
 82 100
 128 51.0 41.8 62.6
 54 47.8 37.9 56.9

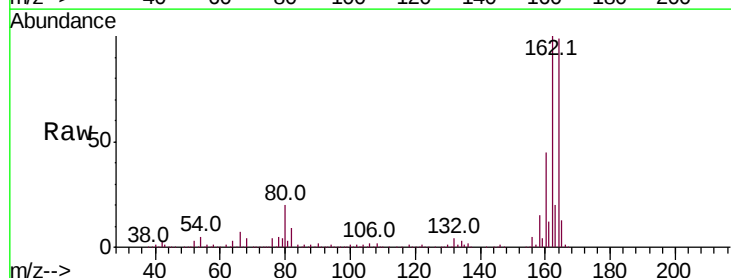


Abundance Ion 82.00 (81.70 to 82.70): BF1
 2000000
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

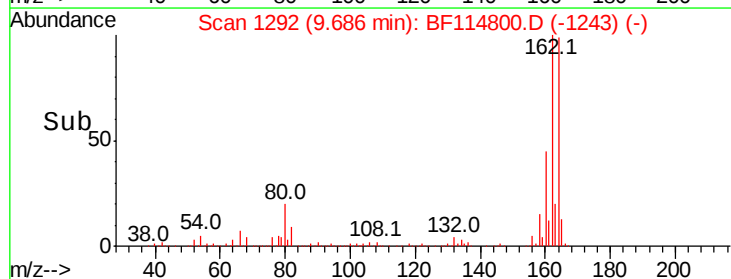
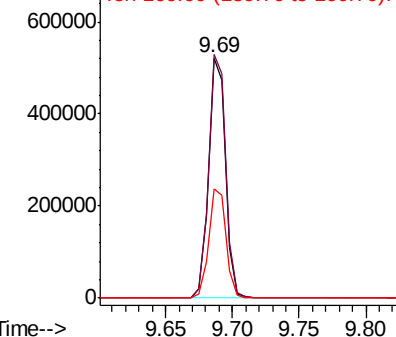


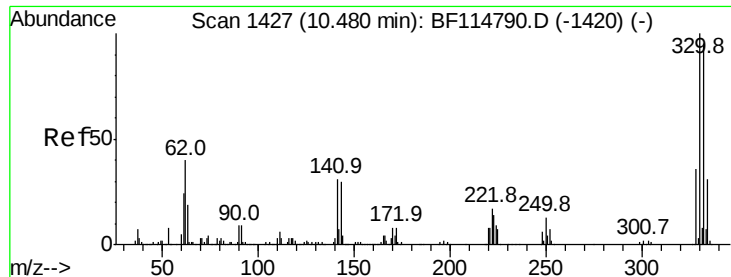
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BF114800.D
 Acq: 4 Jun 2019 19:27

Tgt Ion:164 Resp: 467247
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.3 123.5
 160 45.5 36.7 55.1



Abundance Ion 164.00 (163.70 to 164.70): E
 600000
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

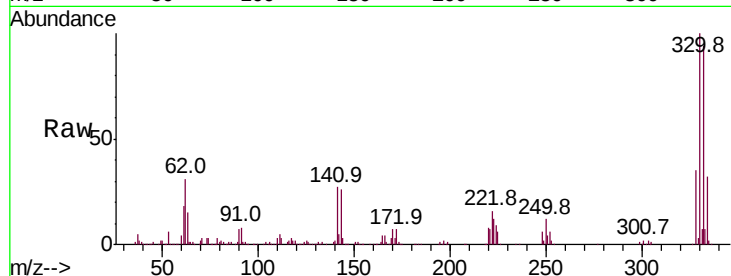




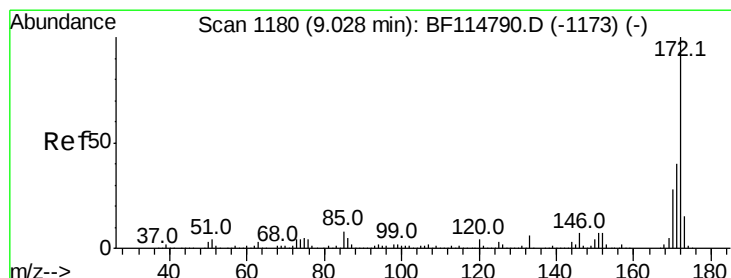
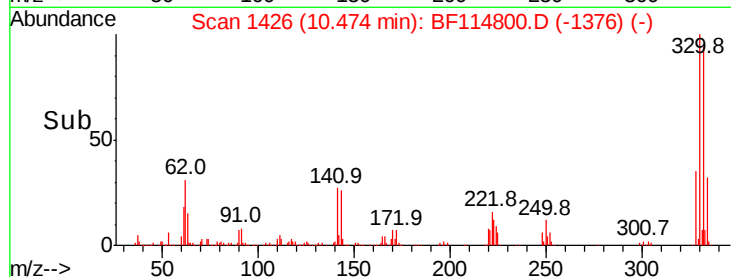
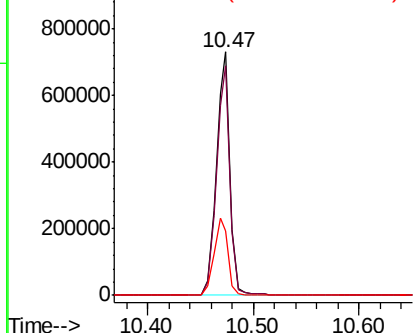
#42
 2,4,6-Tribromophenol
 Concen: 132.696 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BF114800.D
 Acq: 4 Jun 2019 19:27

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-053119-E

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	77.3	115.9
141	33.0	26.2	39.4

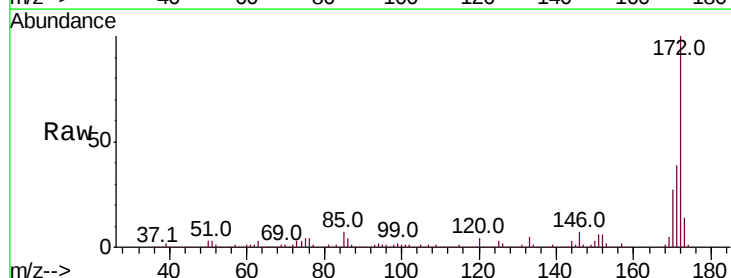


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

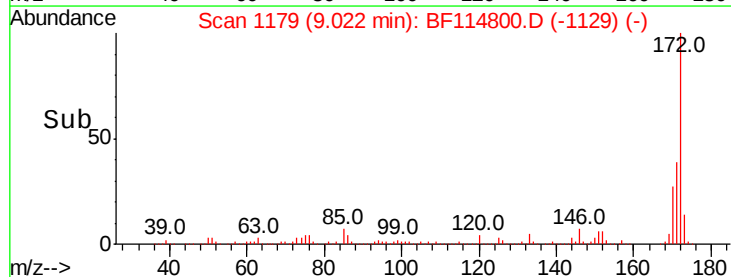
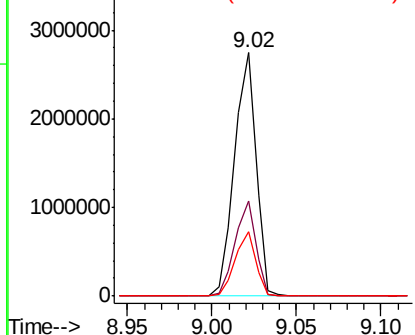


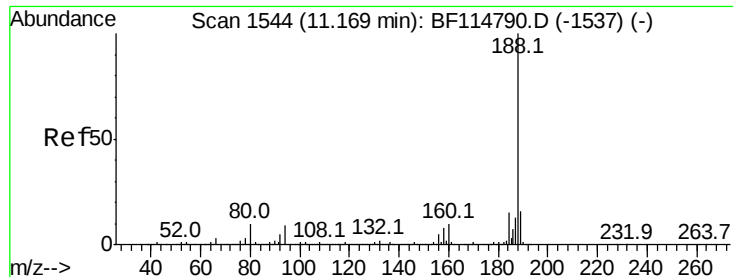
#45
 2-Fluorobiphenyl
 Concen: 98.273 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF114800.D
 Acq: 4 Jun 2019 19:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	32.3	48.5
170	26.5	22.4	33.6



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

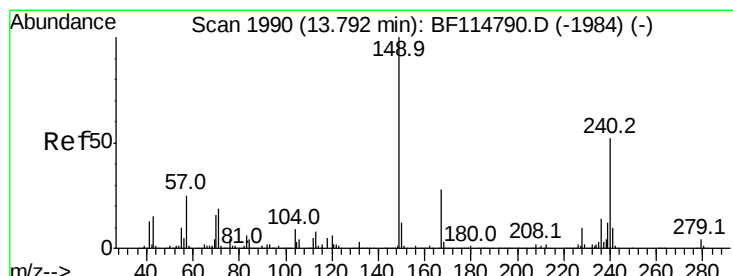
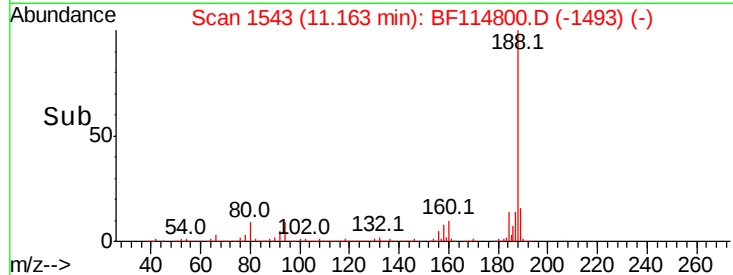
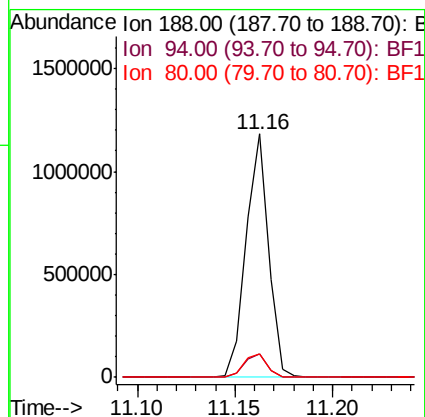
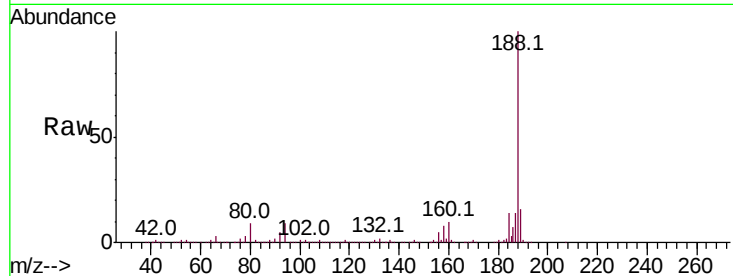




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114800.D
Acq: 4 Jun 2019 19:27

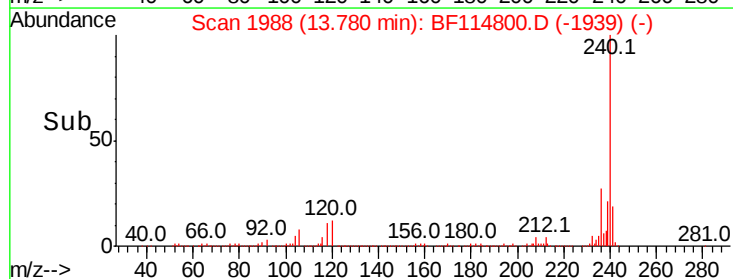
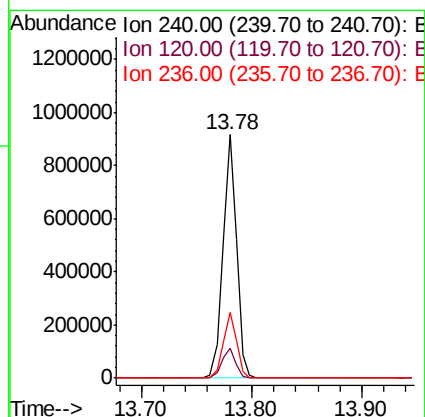
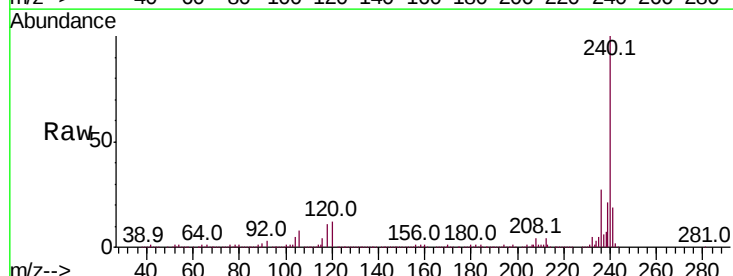
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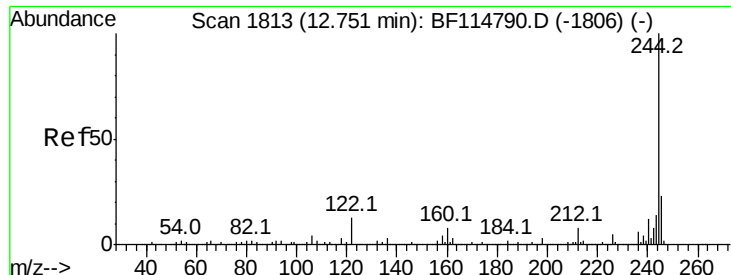
Tot Ion:188 Resp: 945024
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 9.5 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114800.D
Acq: 4 Jun 2019 19:27

Tgt Ion:240 Resp: 787968
Ion Ratio Lower Upper
240 100
120 12.0 9.0 13.4
236 26.9 21.4 32.0





#79

Terphenyl-d14

Concen: 75.851 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF114800.D

Acq: 4 Jun 2019 19:27

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-E

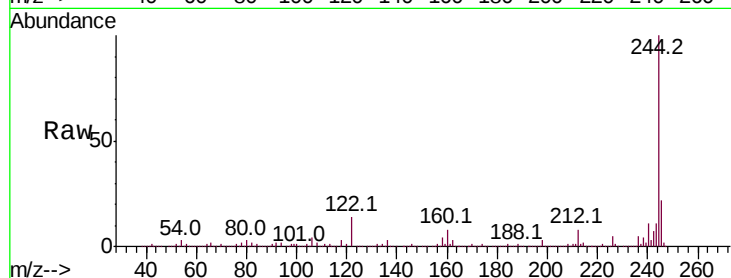
Tot Ion:244 Resp: 3073291

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

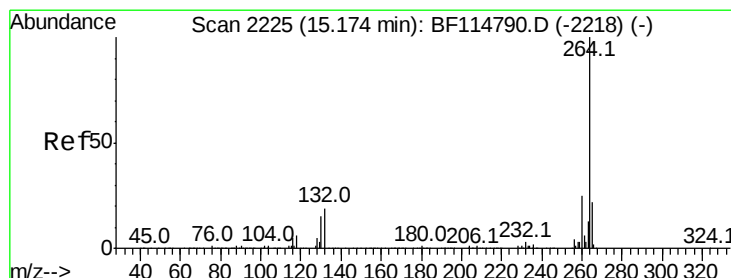
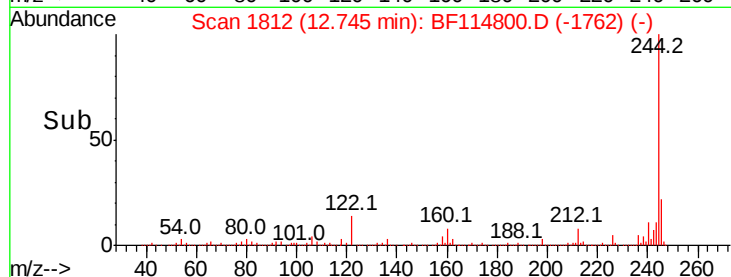
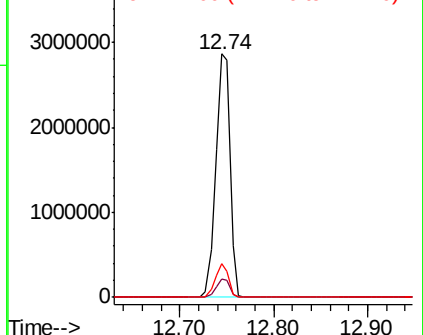
122 13.7 10.5 15.7



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: 15.16 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF114800.D

Acq: 4 Jun 2019 19:27

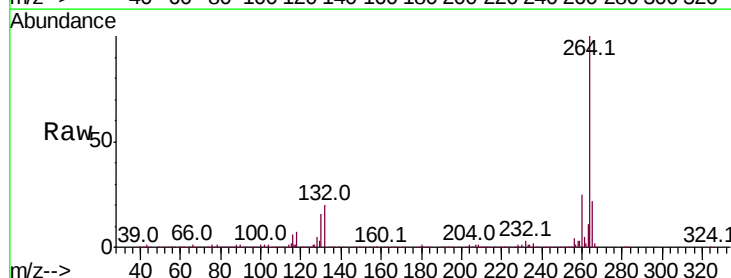
Tgt Ion:264 Resp: 822481

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 22.1 17.7 26.5



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

