

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060419\
 Data File : BF114799.D
 Acq On : 4 Jun 2019 19:00
 Operator : HP/JU
 Sample : K2641-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jun 05 04:42:22 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	214953	20.00	ng	0.00
21) Naphthalene-d8	7.94	136	814415	20.00	ng	-0.01
39) Acenaphthene-d10	9.69	164	408665	20.00	ng	-0.01
64) Phenanthrene-d10	11.16	188	850106	20.00	ng	0.00
76) Chrysene-d12	13.78	240	766906	20.00	ng	-0.01
87) Perylene-d12	15.16	264	844181	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1375265	111.80	ng	0.00
7) Phenol-d6	6.30	99	1468522	98.11	ng	0.00
23) Nitrobenzene-d5	7.22	82	1179709	89.17	ng	-0.01
42) 2,4,6-Tribromophenol	10.47	330	603653	137.07	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	2209805	101.29	ng	0.00
79) Terphenyl-d14	12.75	244	2921438	74.08	ng	0.00

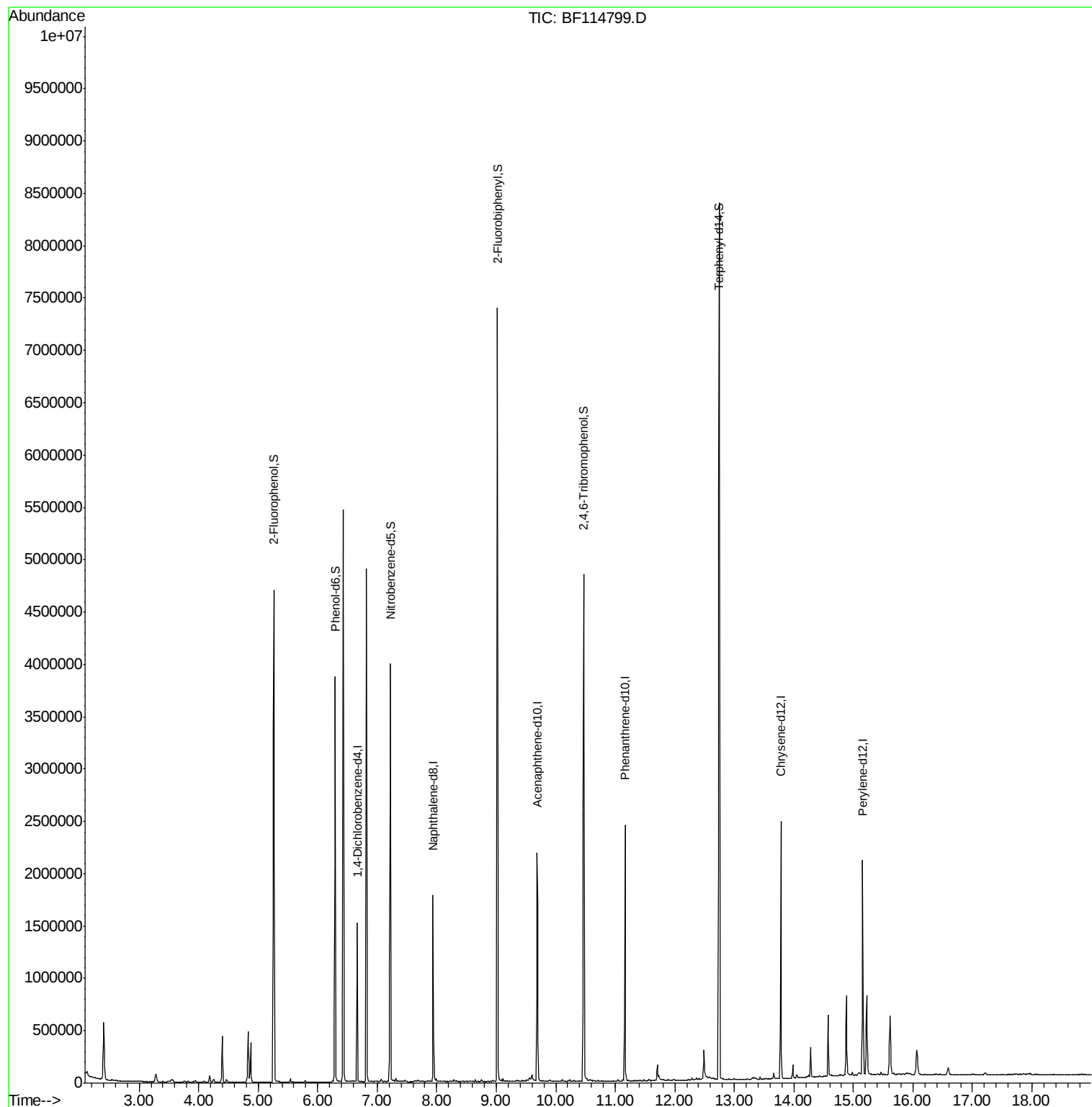
Target Compounds Qvalue

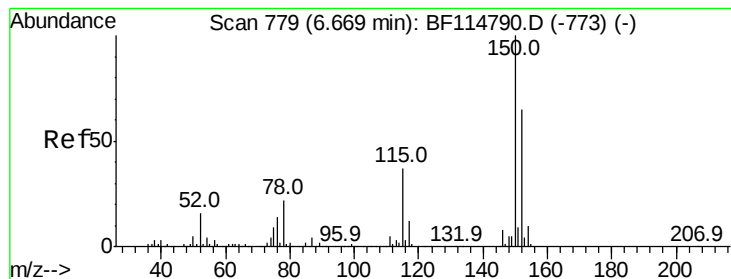
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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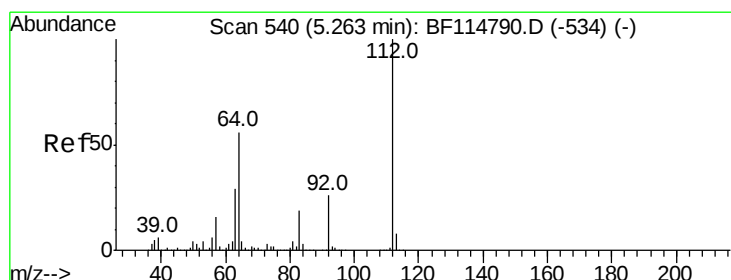
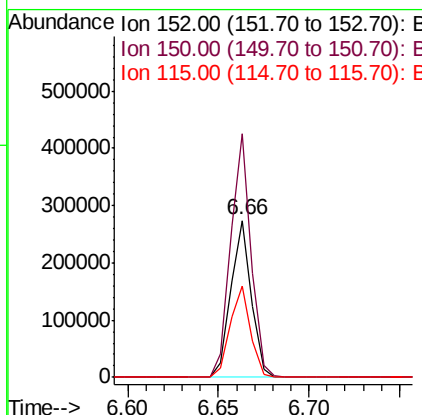
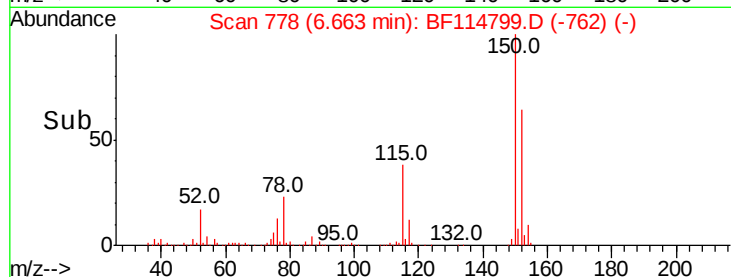
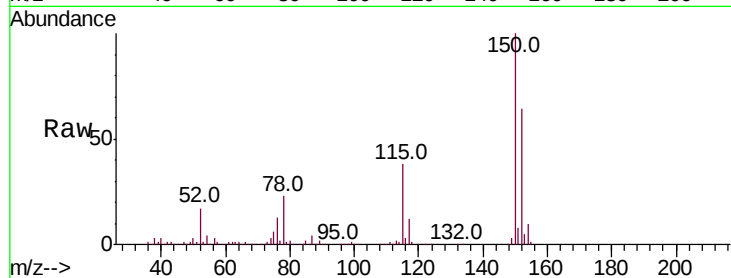


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF114799.D
Acq: 4 Jun 2019 19:00

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

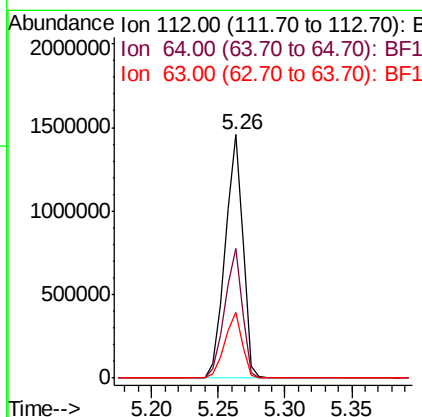
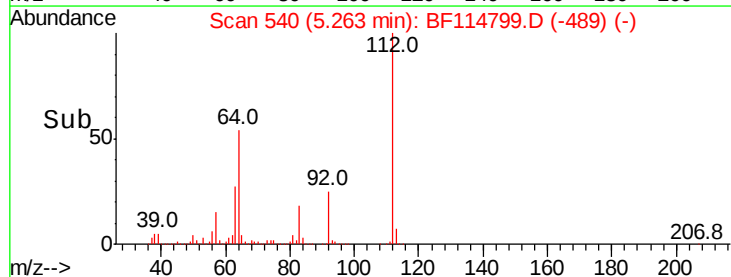
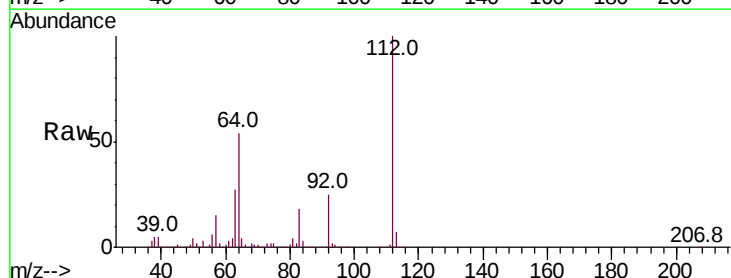
Tot Ion:152 Resp: 214953
Ion Ratio Lower Upper
152 100
150 155.4 124.0 186.0
115 58.4 46.3 69.5

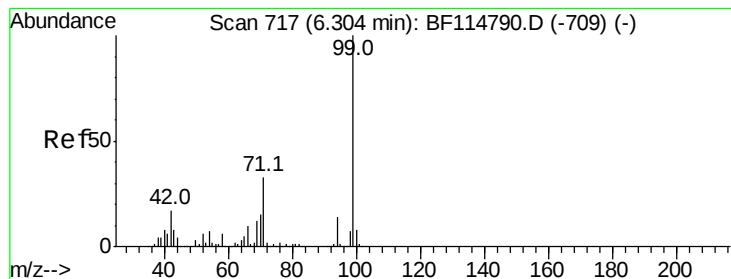


#5

2-Fluorophenol
Concen: 111.795 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF114799.D
Acq: 4 Jun 2019 19:00

Tgt Ion:112 Resp: 1375265
Ion Ratio Lower Upper
112 100
64 53.5 44.6 66.8
63 26.9 23.0 34.4





#7

Phenol-d6

Concen: 98.106 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114799.D

Acq: 4 Jun 2019 19:00

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-C

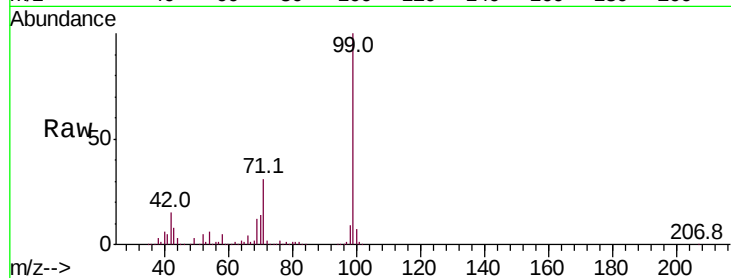
Tot Ion: 99 Resp: 1468522

Ion Ratio Lower Upper

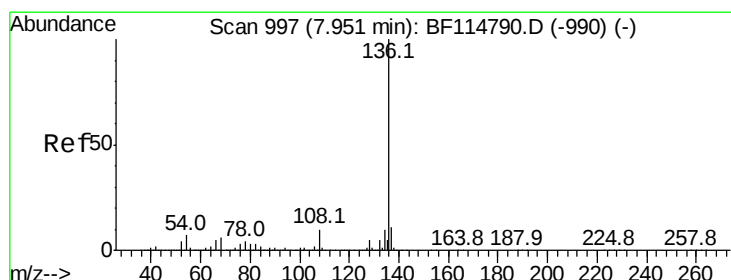
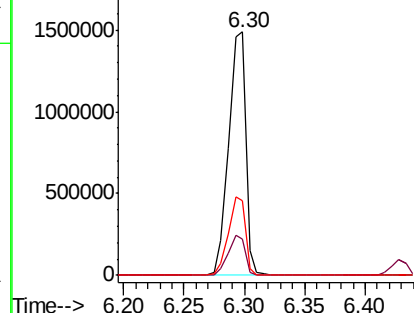
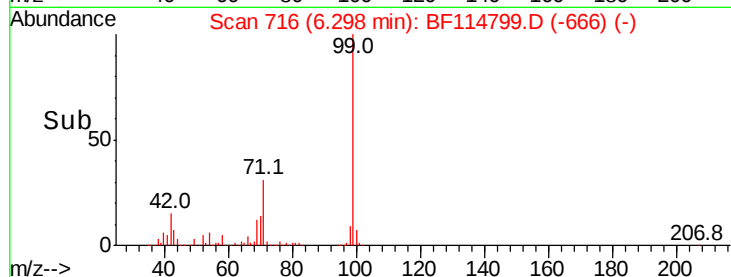
99 100

42 14.7 13.3 19.9

71 30.5 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: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF114799.D

Acq: 4 Jun 2019 19:00

Tgt Ion: 136 Resp: 814415

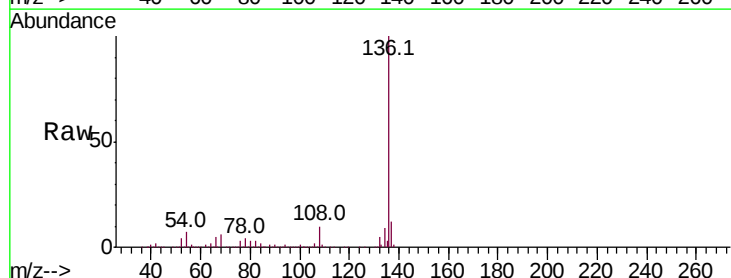
Ion Ratio Lower Upper

136 100

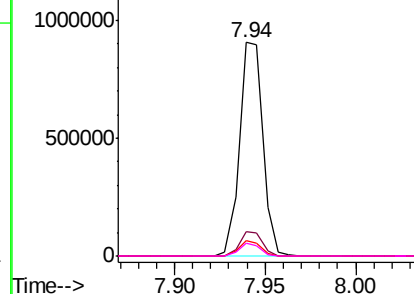
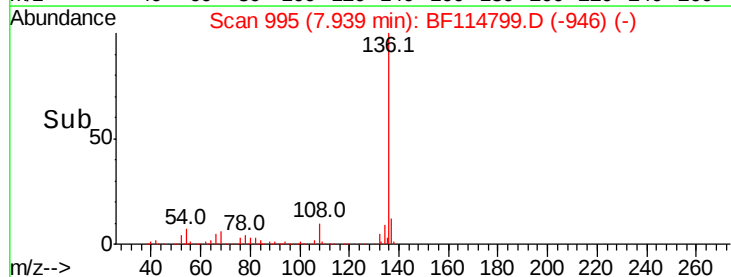
137 11.5 9.1 13.7

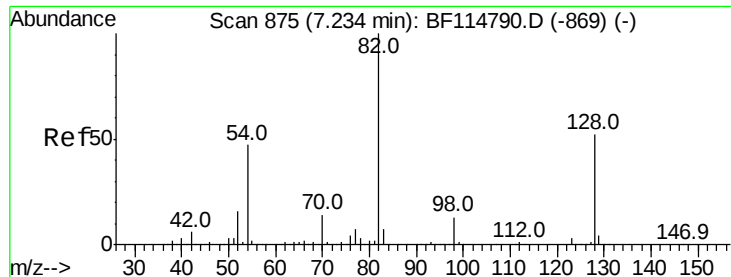
54 7.0 5.4 8.0

68 6.3 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

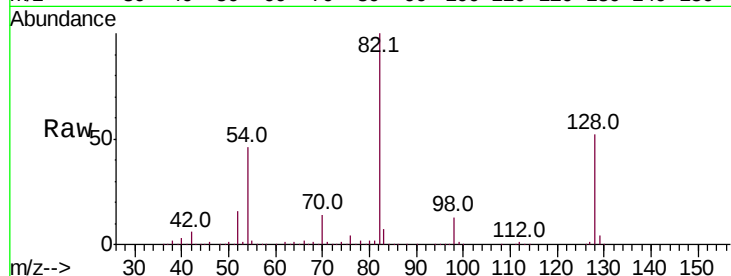




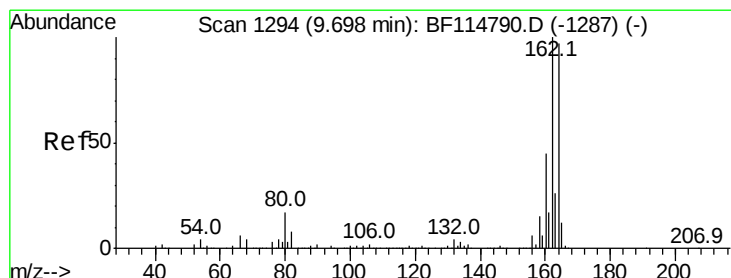
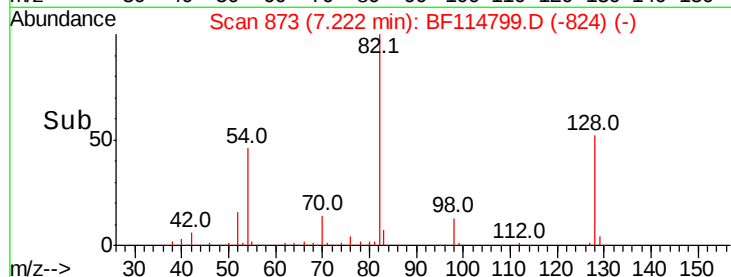
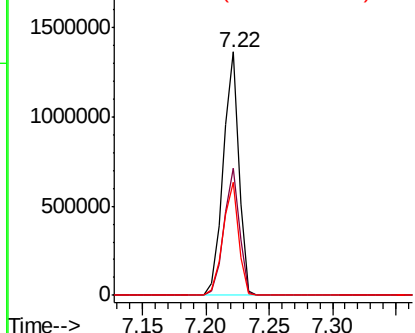
#23
Nitrobenzene-d5
Concen: 89.170 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114799.D
Acq: 4 Jun 2019 19:00

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

Tot Ion: 82 Resp: 1179709
Ion Ratio Lower Upper
82 100
128 52.0 41.8 62.6
54 46.5 37.9 56.9

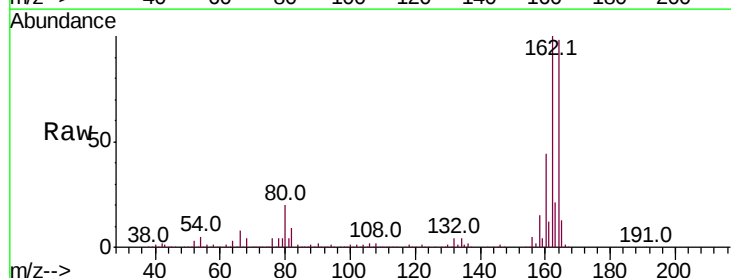


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

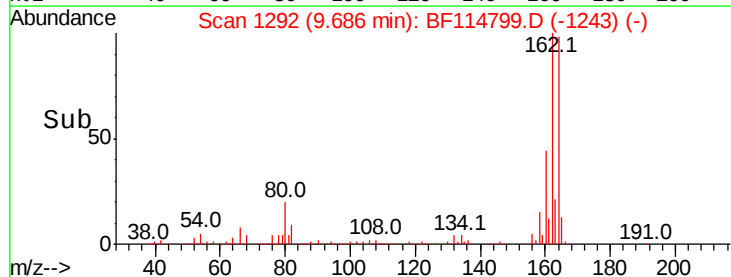
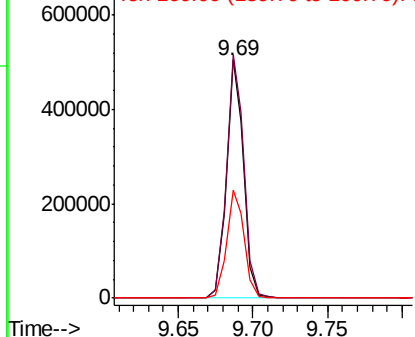


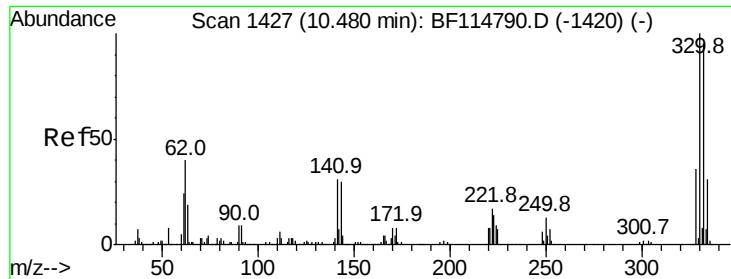
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF114799.D
Acq: 4 Jun 2019 19:00

Tgt Ion:164 Resp: 408665
Ion Ratio Lower Upper
164 100
162 102.1 82.3 123.5
160 45.4 36.7 55.1



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: 137.069 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114799.D

Acq: 4 Jun 2019 19:00

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-C

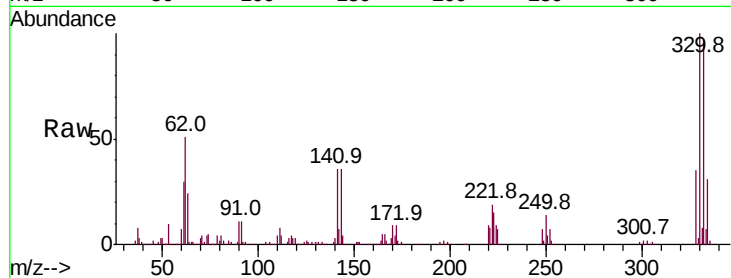
Tot Ion:330 Resp: 603653

Ion Ratio Lower Upper

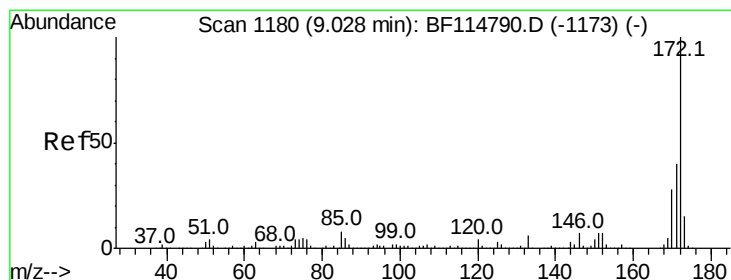
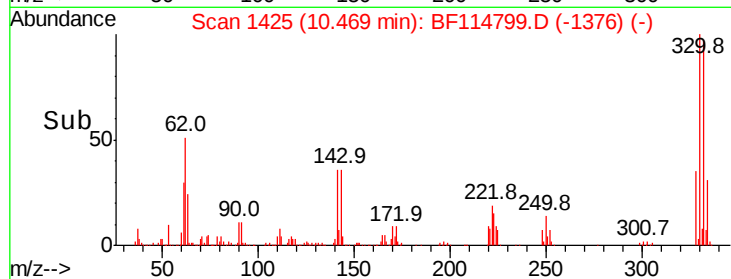
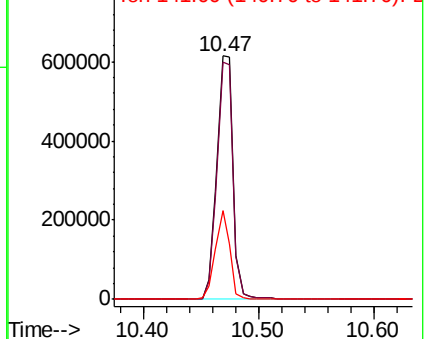
330 100

332 96.7 77.3 115.9

141 32.6 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: 101.295 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF114799.D

Acq: 4 Jun 2019 19:00

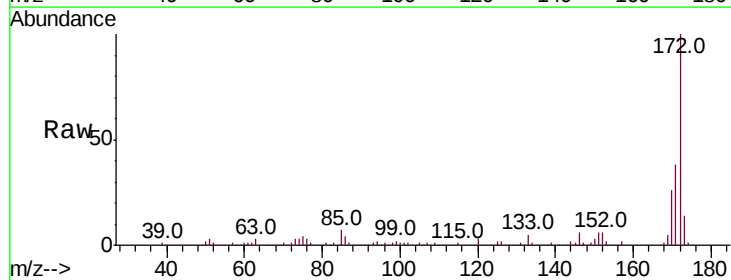
Tgt Ion:172 Resp: 2209805

Ion Ratio Lower Upper

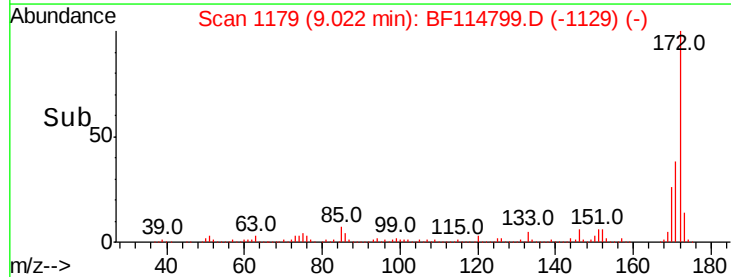
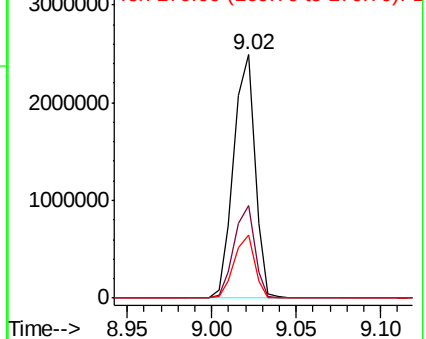
172 100

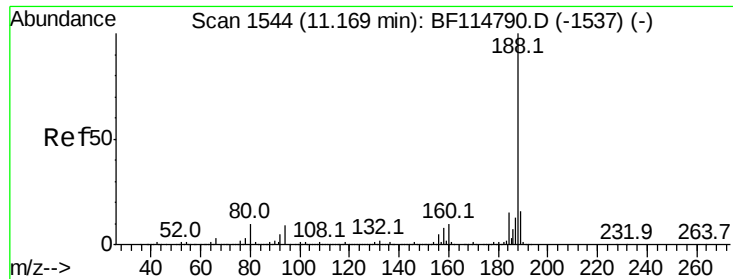
171 38.2 32.3 48.5

170 25.8 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

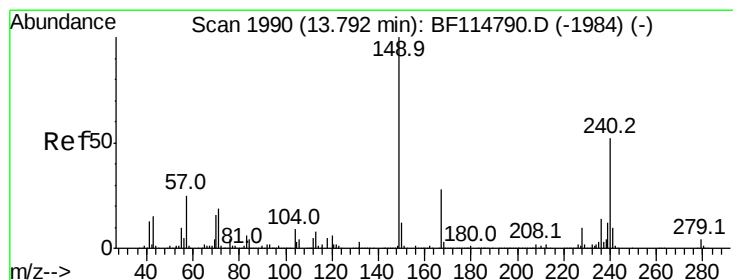
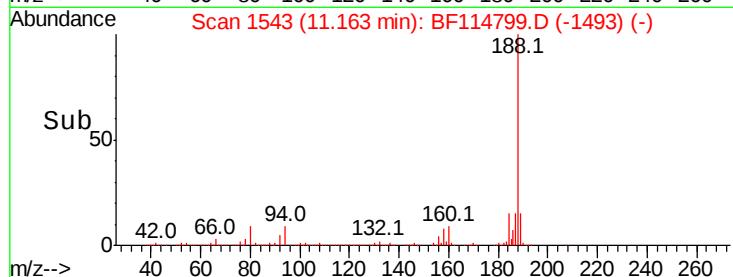
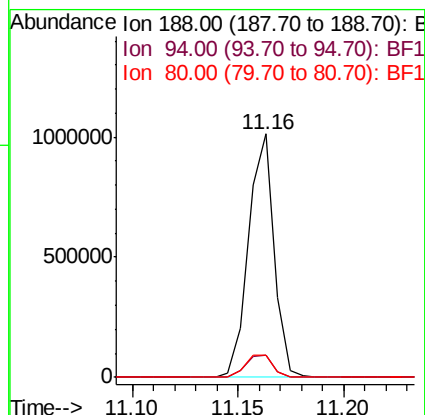
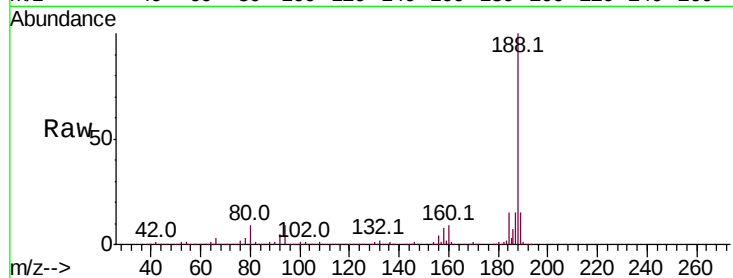




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BF114799.D
Acq: 4 Jun 2019 19:00

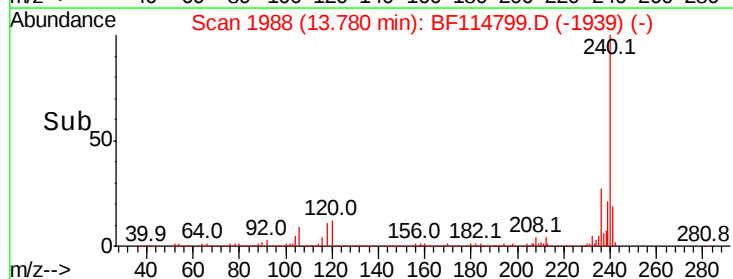
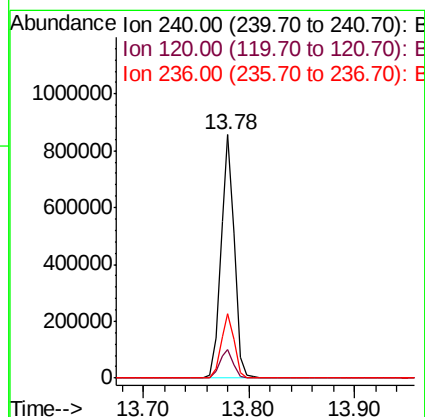
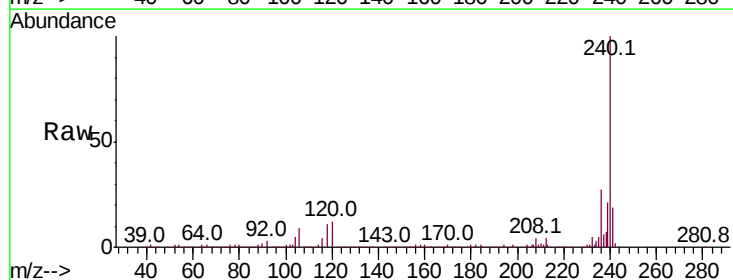
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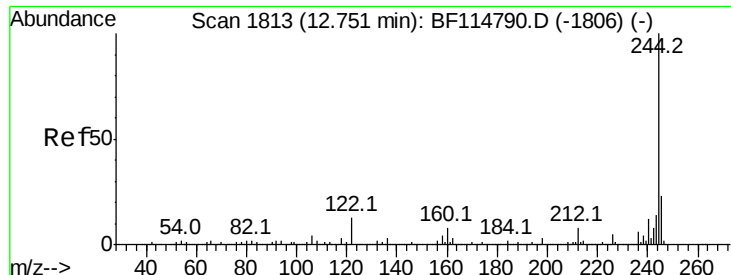
Tot Ion:188 Resp: 850106
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.3 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.78 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF114799.D
Acq: 4 Jun 2019 19:00

Tgt Ion:240 Resp: 766906
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.4
236 26.7 21.4 32.0





#79

Terphenyl-d14

Concen: 74.083 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF114799.D

Acq: 4 Jun 2019 19:00

Instrument :

BNA_F

ClientSampleId :

CL-02-053119-C

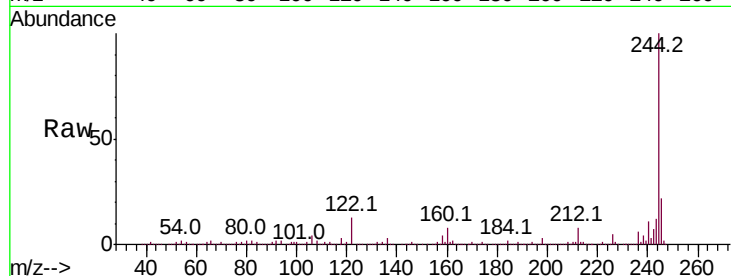
Tot Ion:244 Resp: 2921438

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

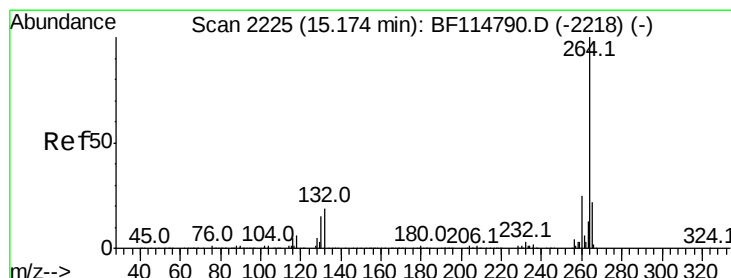
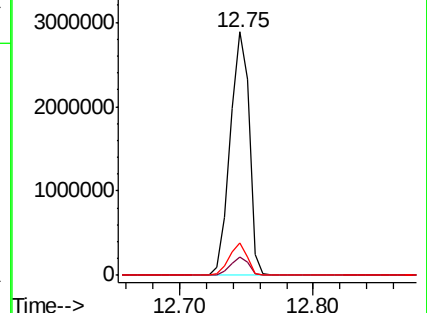
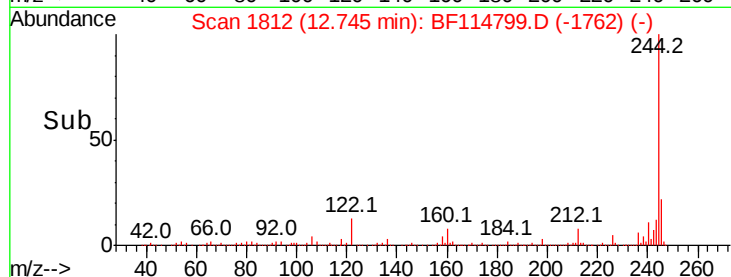
122 13.4 10.5 15.7



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: BF114799.D

Acq: 4 Jun 2019 19:00

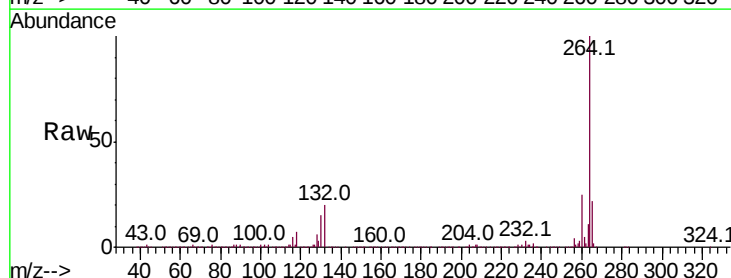
Tgt Ion:264 Resp: 844181

Ion Ratio Lower Upper

264 100

260 24.8 20.1 30.1

265 21.8 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

