

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060719\
 Data File : BF114896.D
 Acq On : 7 Jun 2019 14:16
 Operator : HP/JU
 Sample : K3198-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-DPC-81626-FB-07

Quant Time: Jun 08 05:48:36 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	261015	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	990835	20.00	ng	-0.01
39) Acenaphthene-d10	9.68	164	480400	20.00	ng	-0.02
64) Phenanthrene-d10	11.16	188	935750	20.00	ng	-0.01
76) Chrysene-d12	13.79	240	632887	20.00	ng	0.00
87) Perylene-d12	15.22	264	671476	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1158407	77.55	ng	0.00
7) Phenol-d6	6.29	99	1468538	80.79	ng	-0.01
23) Nitrobenzene-d5	7.22	82	879403	54.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.47	330	402245	77.70	ng	-0.01
45) 2-Fluorobiphenyl	9.02	172	1722518	67.17	ng	-0.01
79) Terphenyl-d14	12.74	244	1871905	57.52	ng	-0.01

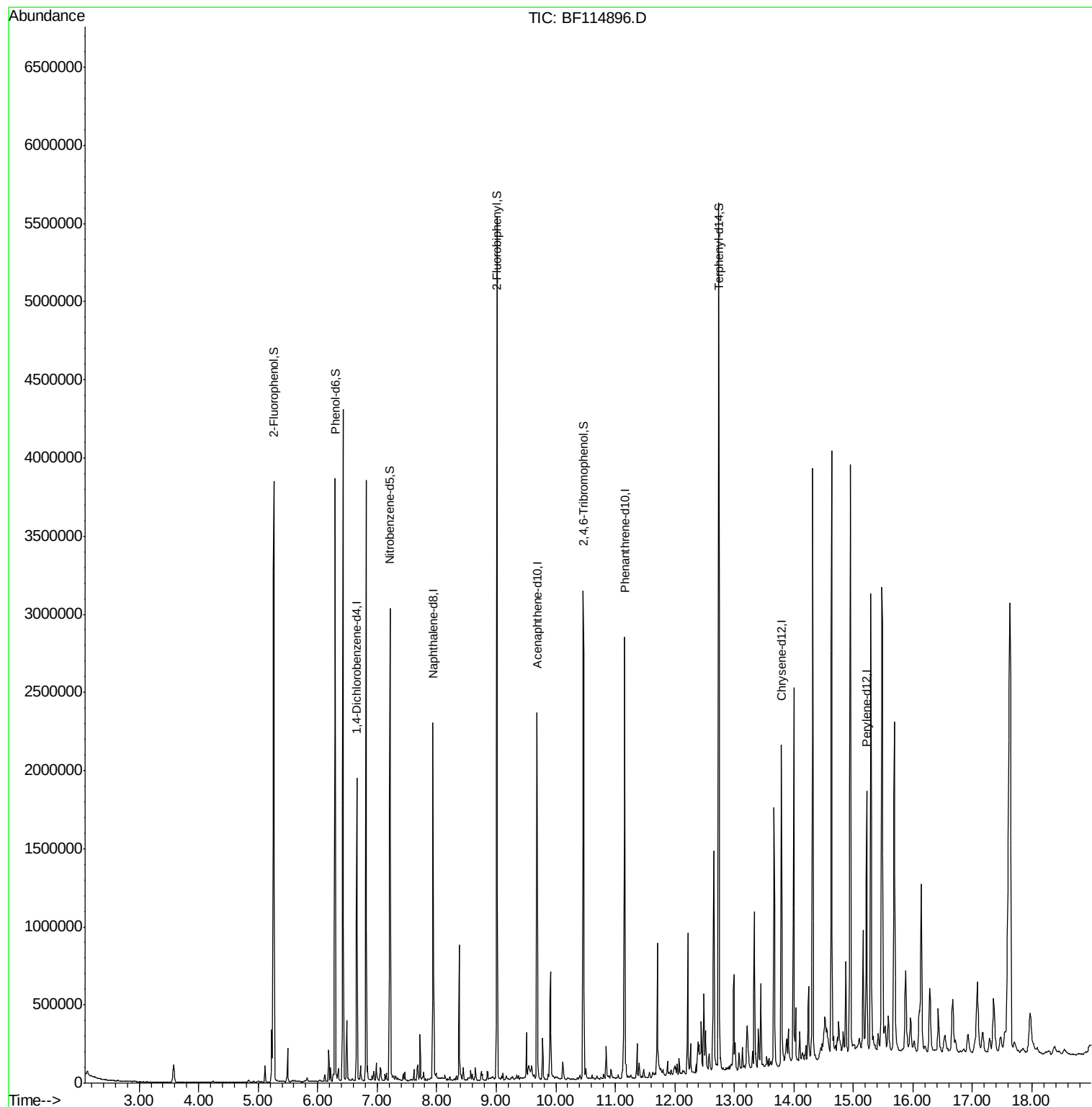
Target Compounds Qvalue

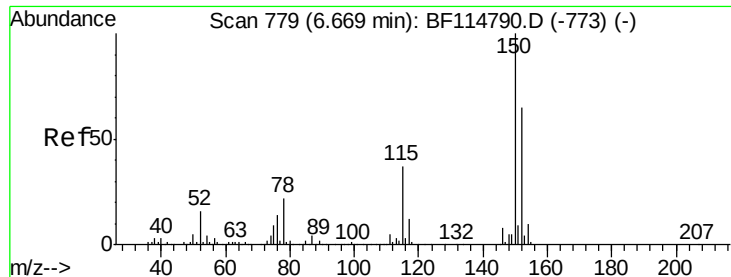
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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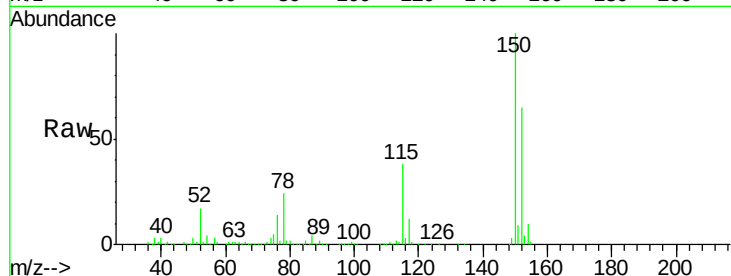


#1

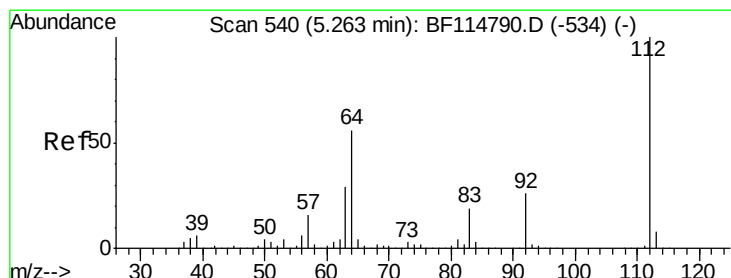
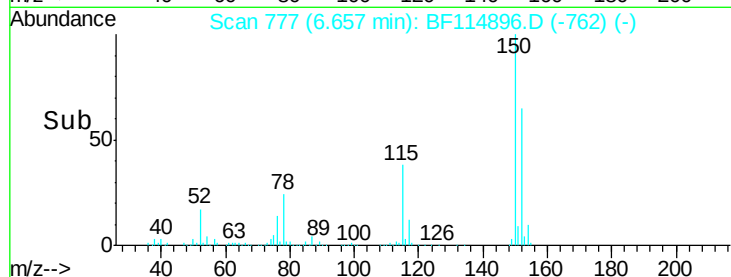
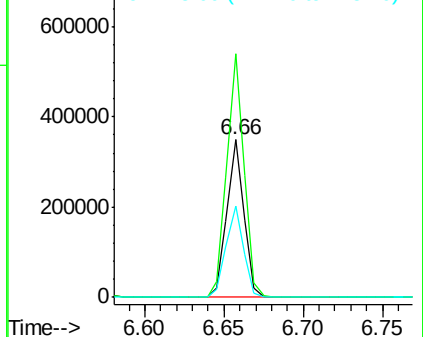
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF114896.D
Acq: 7 Jun 2019 14:16

Instrument :
BNA_F
ClientSampleId :
COMP-DPC-81626-FB-07

Tot Ion:152 Resp: 261015
Ion Ratio Lower Upper
152 100
150 154.4 124.0 186.0
115 58.2 46.3 69.5



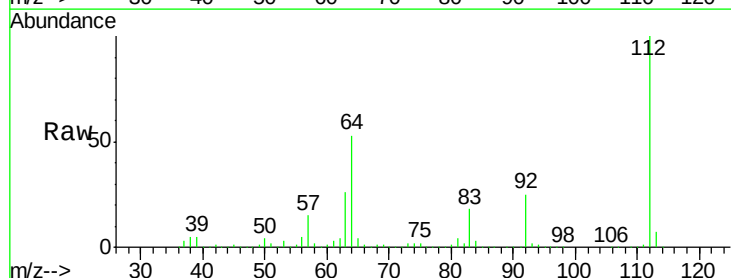
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



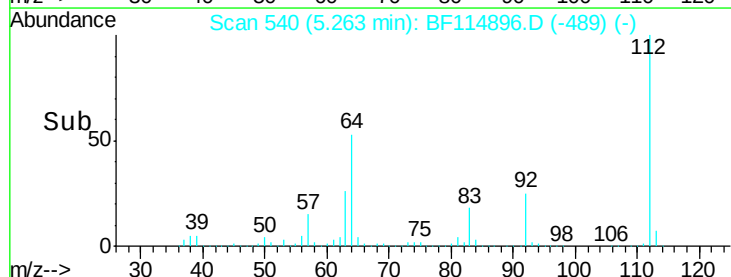
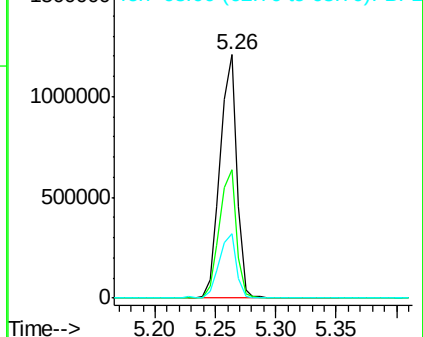
#5

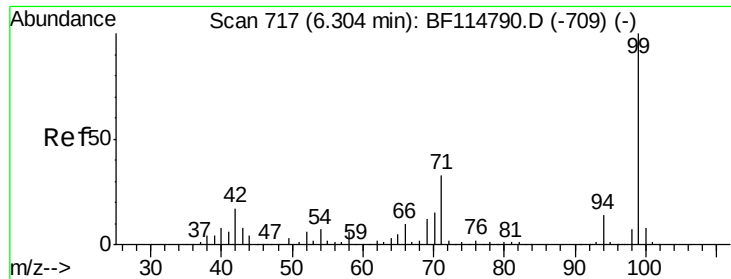
2-Fluorophenol
Concen: 77.549 ng
RT: 5.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF114896.D
Acq: 7 Jun 2019 14:16

Tgt Ion:112 Resp: 1158407
Ion Ratio Lower Upper
112 100
64 52.5 44.6 66.8
63 26.5 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: 80.794 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114896.D

Acq: 7 Jun 2019 14:16

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-07

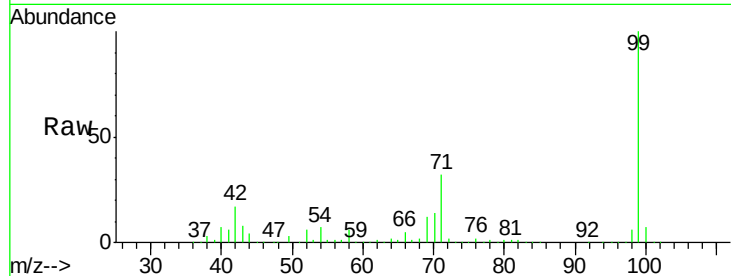
Tot Ion: 99 Resp: 1468538

Ion Ratio Lower Upper

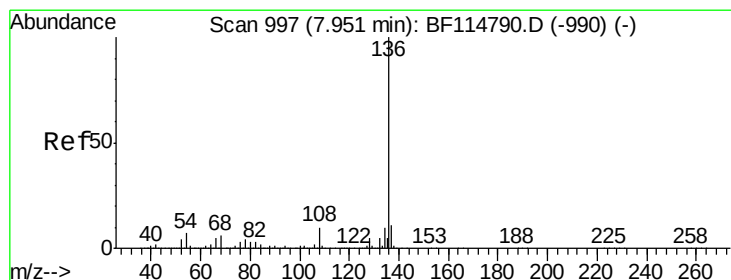
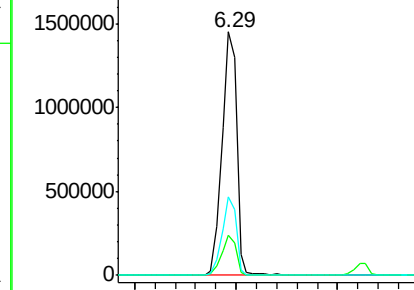
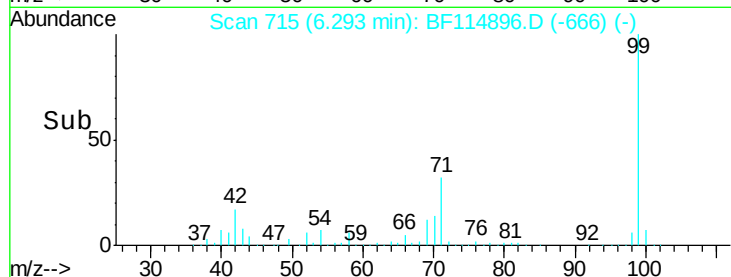
99 100

42 16.7 13.3 19.9

71 32.4 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: BF114896.D

Acq: 7 Jun 2019 14:16

Tgt Ion: 136 Resp: 990835

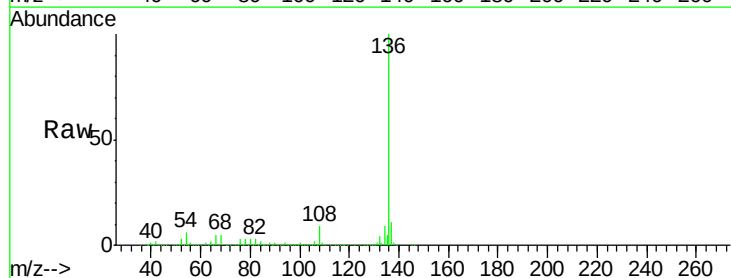
Ion Ratio Lower Upper

136 100

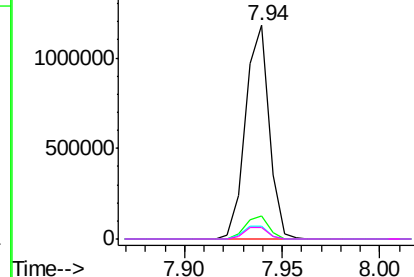
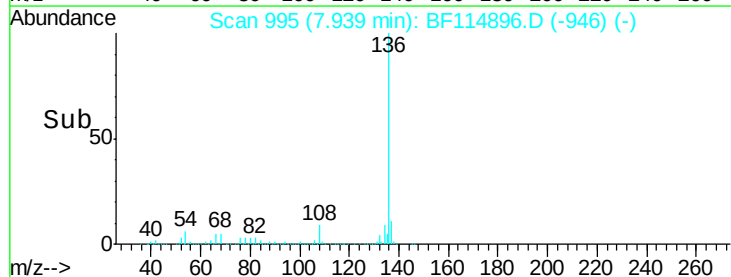
137 11.1 9.1 13.7

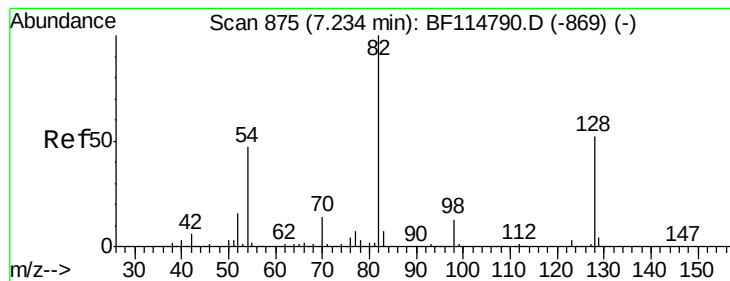
54 6.2 5.4 8.0

68 5.5 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: 54.635 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BF114896.D

Acq: 7 Jun 2019 14:16

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-07

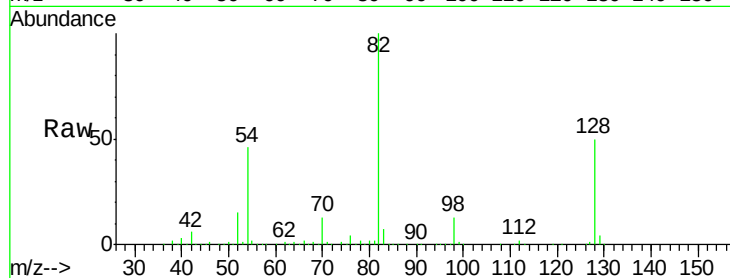
Tot Ion: 82 Resp: 879403

Ion Ratio Lower Upper

82 100

128 49.6 41.8 62.6

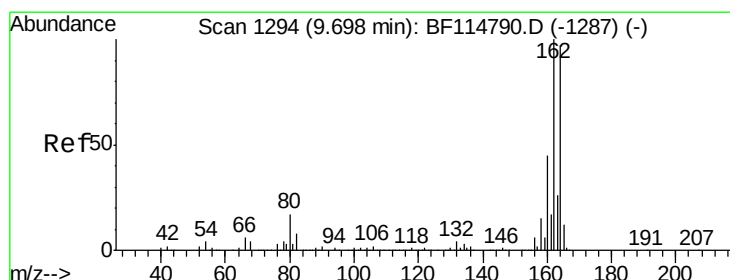
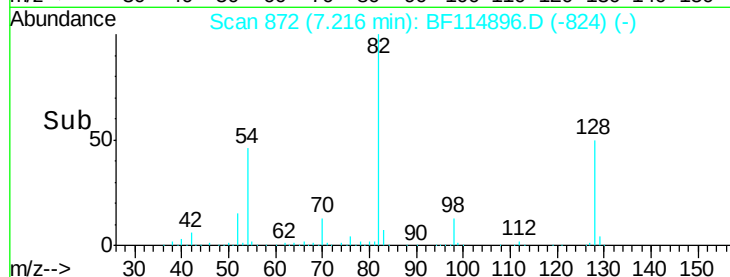
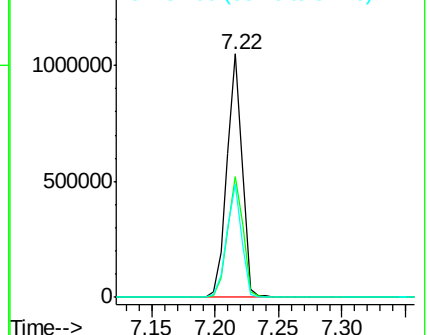
54 46.4 37.9 56.9



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: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF114896.D

Acq: 7 Jun 2019 14:16

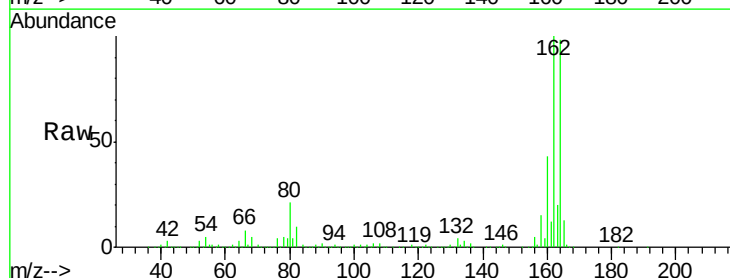
Tgt Ion:164 Resp: 480400

Ion Ratio Lower Upper

164 100

162 101.9 82.3 123.5

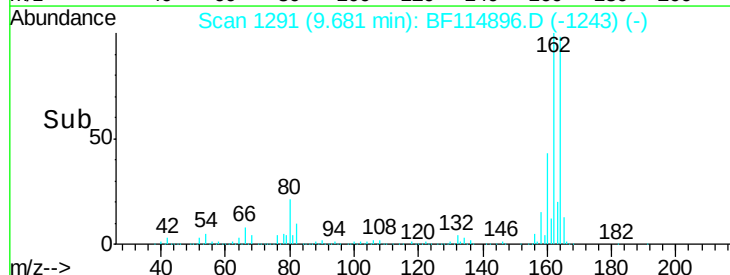
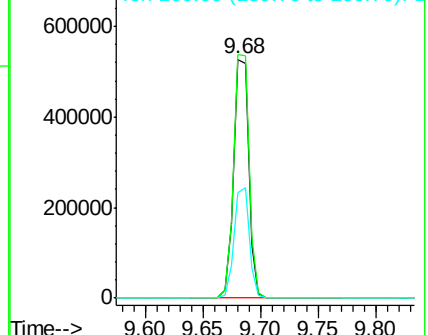
160 44.3 36.7 55.1

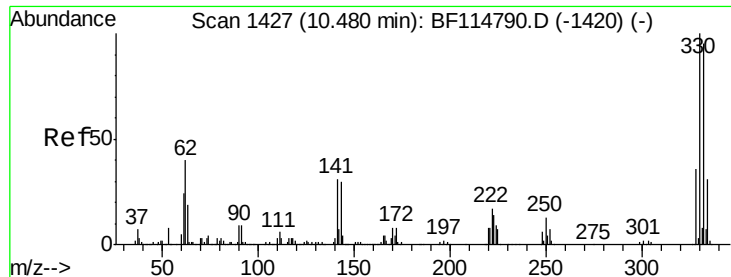


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 77.697 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BF114896.D

Acq: 7 Jun 2019 14:16

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-07

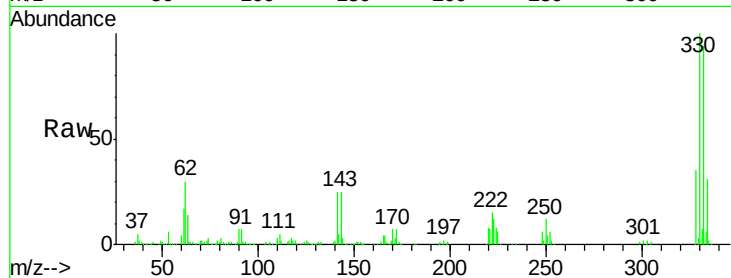
Tot Ion:330 Resp: 402245

Ion Ratio Lower Upper

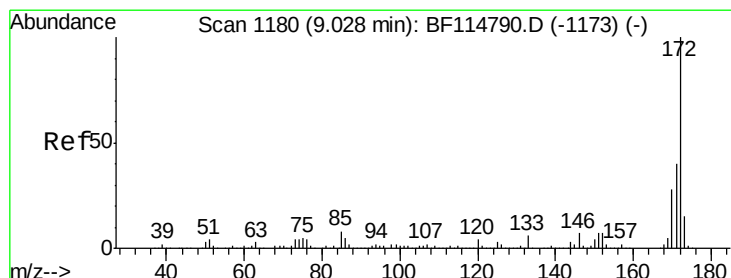
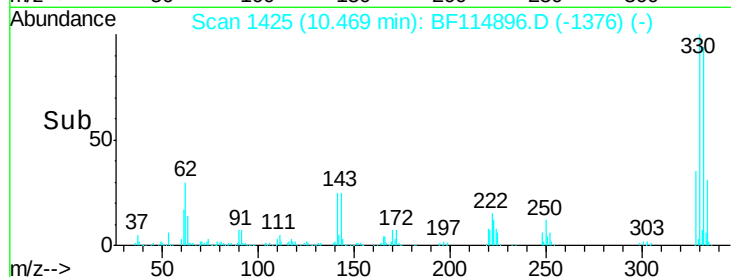
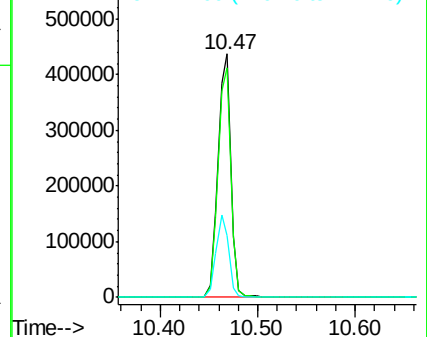
330 100

332 95.4 77.3 115.9

141 33.5 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: 67.168 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF114896.D

Acq: 7 Jun 2019 14:16

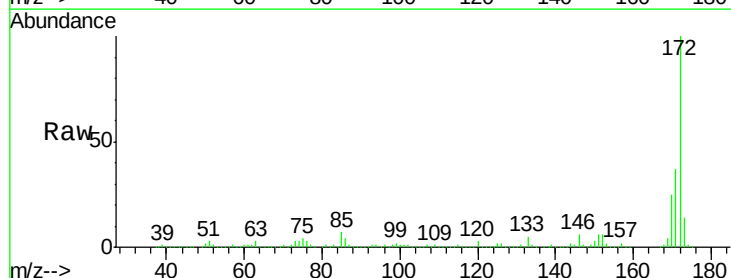
Tgt Ion:172 Resp: 1722518

Ion Ratio Lower Upper

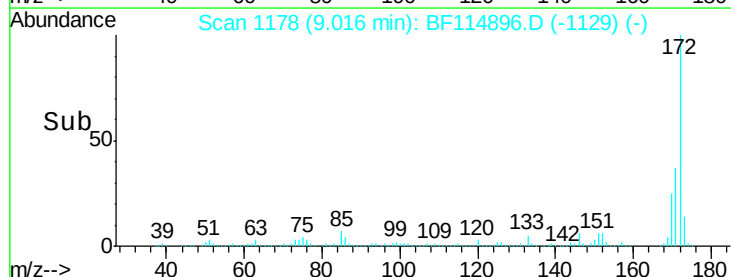
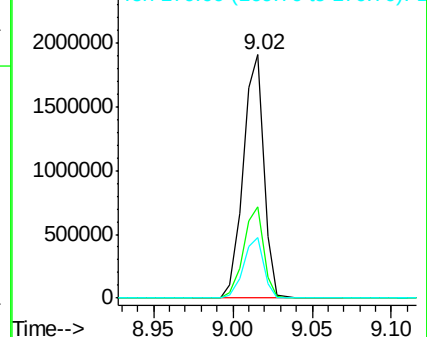
172 100

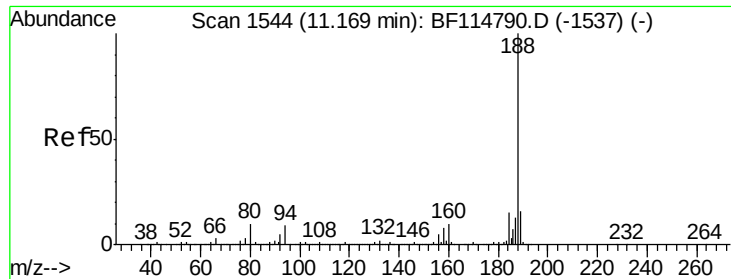
171 37.3 32.3 48.5

170 25.0 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# 1542

Delta R.T. -0.01 min

Lab File: BF114896.D

Acq: 7 Jun 2019 14:16

Instrument :

BNA_F

ClientSampleId :

COMP-DPC-81626-FB-07

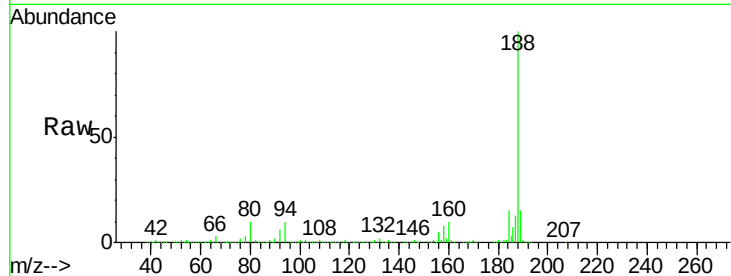
Tot Ion:188 Resp: 935750

Ion Ratio Lower Upper

188 100

94 10.3 7.6 11.4

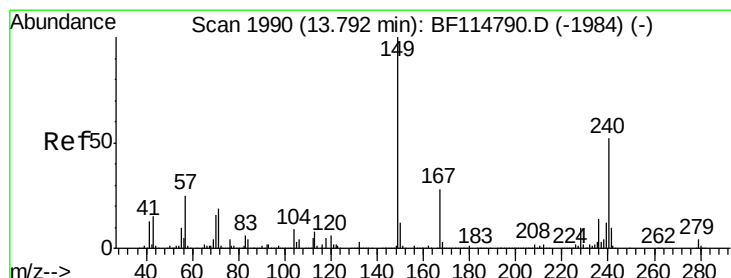
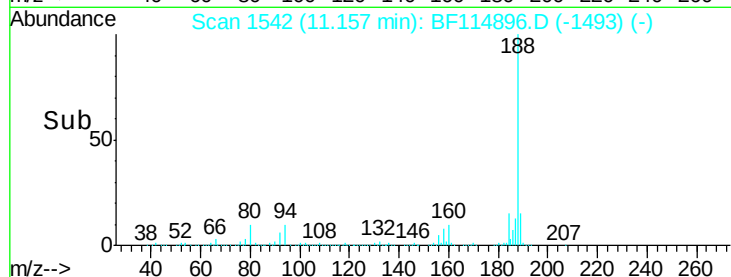
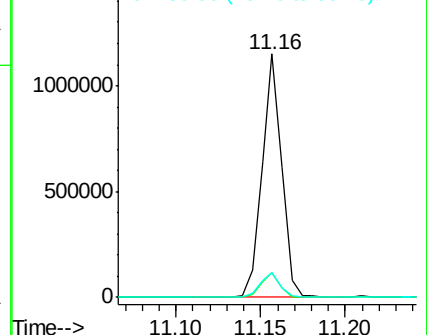
80 10.4 8.3 12.5



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: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114896.D

Acq: 7 Jun 2019 14:16

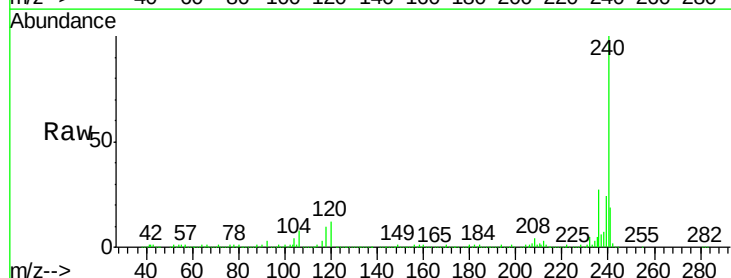
Tgt Ion:240 Resp: 632887

Ion Ratio Lower Upper

240 100

120 11.6 9.0 13.4

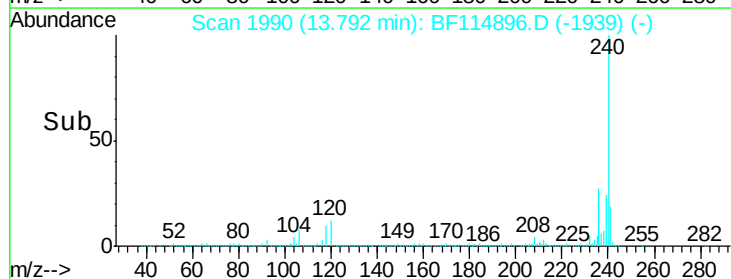
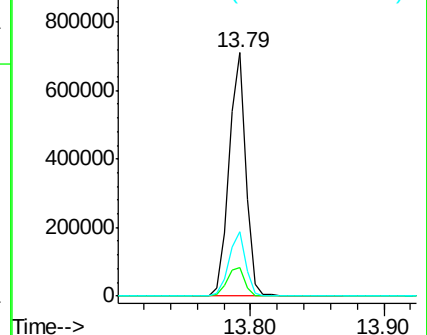
236 26.6 21.4 32.0

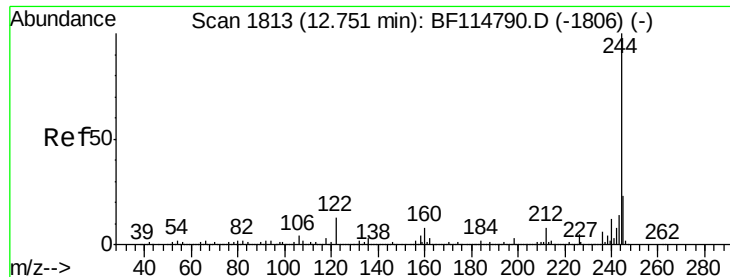


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 57.521 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF114896.D

Acq: 7 Jun 2019 14:16

Instrument :

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COMP-DPC-81626-FB-07

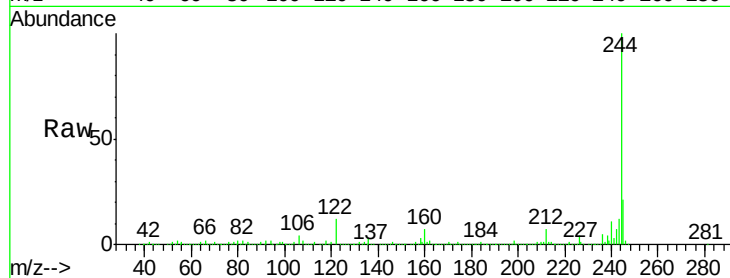
Tot Ion:244 Resp: 1871905

Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

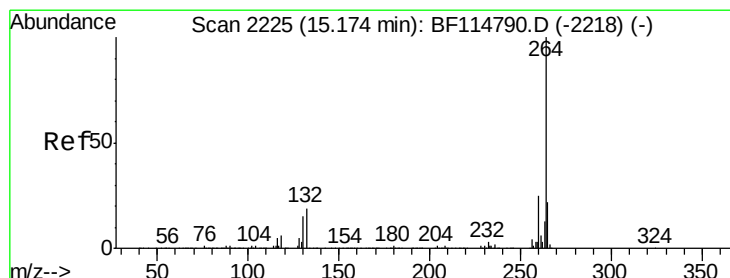
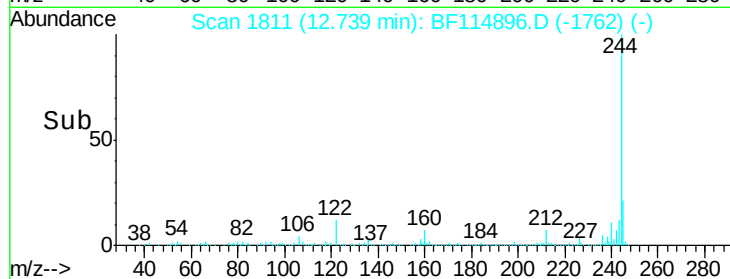
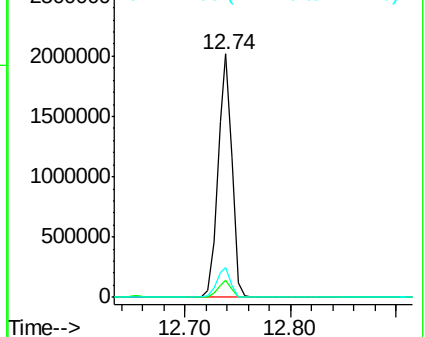
122 12.3 10.5 15.7



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: 15.22 min Scan# 2233

Delta R.T. 0.05 min

Lab File: BF114896.D

Acq: 7 Jun 2019 14:16

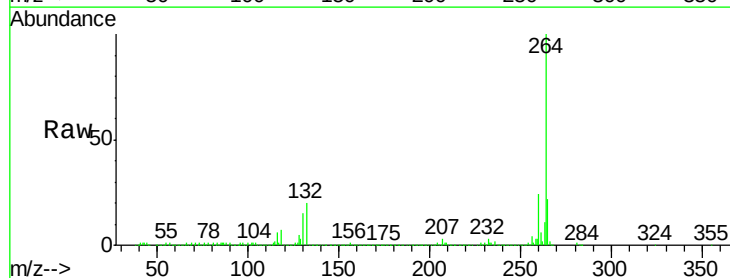
Tgt Ion:264 Resp: 671476

Ion Ratio Lower Upper

264 100

260 24.4 20.1 30.1

265 21.9 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

