

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081419\
 Data File : BF116261.D
 Acq On : 14 Aug 2019 14:13
 Operator : HP/JU
 Sample : K4292-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-WS

Quant Time: Aug 14 16:36:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	146964	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	575268	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	313985	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	582103	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	458336	20.00	ng	-0.02
87) Perylene-d12	15.45	264	398399	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1021686	116.38	ng	0.00
7) Phenol-d6	6.47	99	1245408	112.44	ng	-0.02
23) Nitrobenzene-d5	7.39	82	956506	95.98	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	428415	140.73	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1592205	94.98	ng	-0.02
79) Terphenyl-d14	12.93	244	1888235	86.81	ng	-0.02

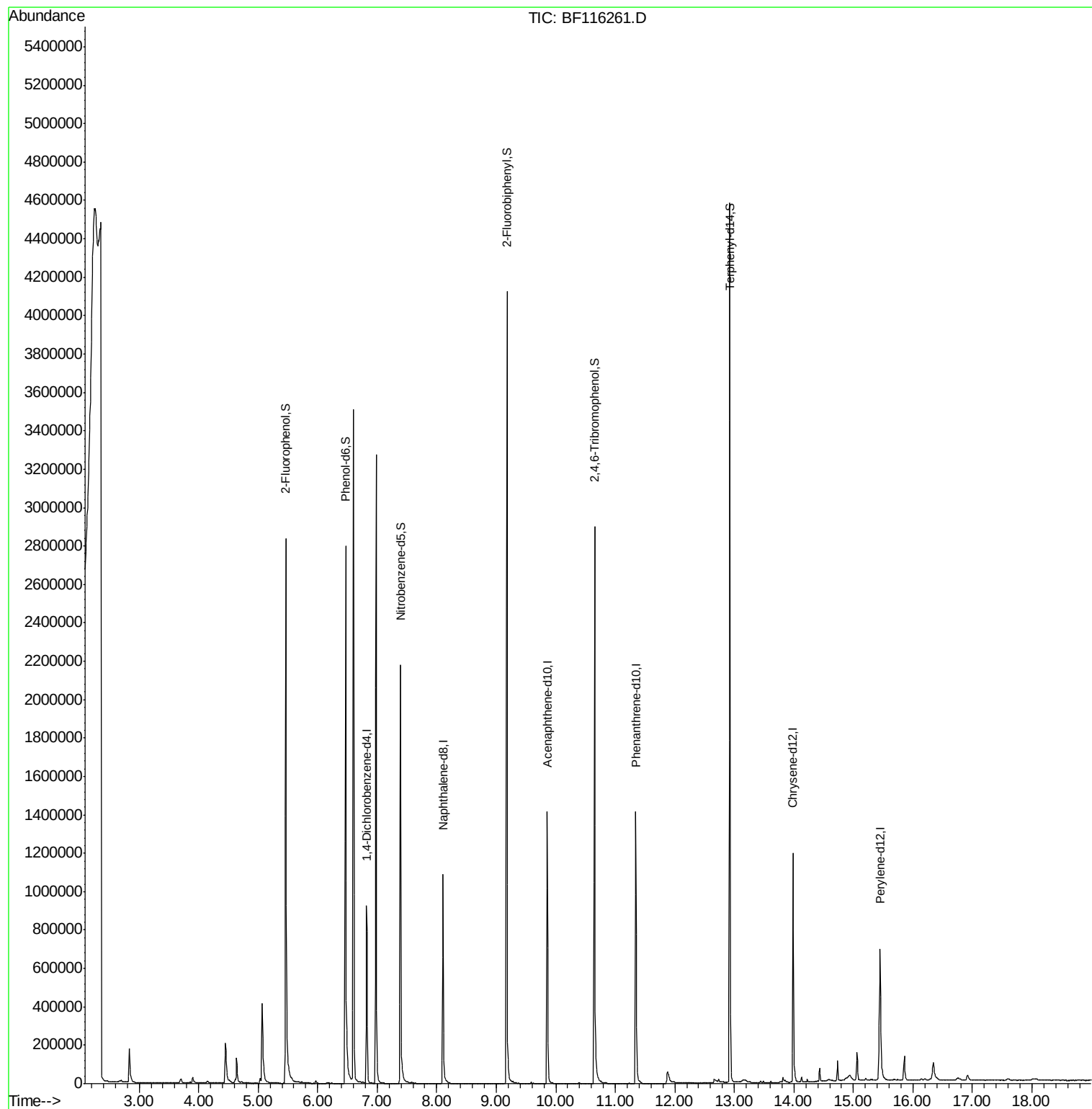
Target Compounds Qvalue

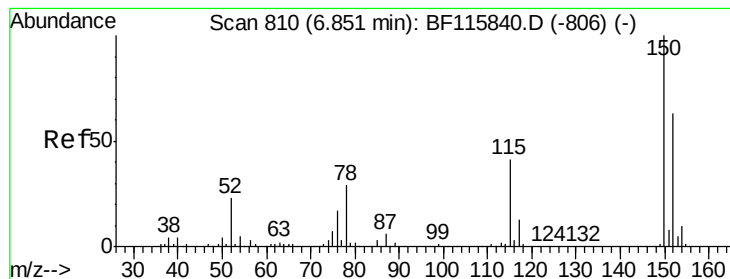
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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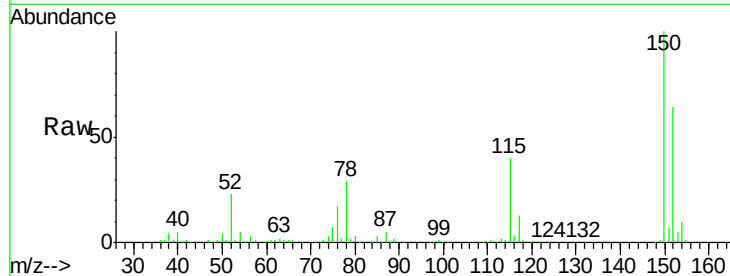


#1

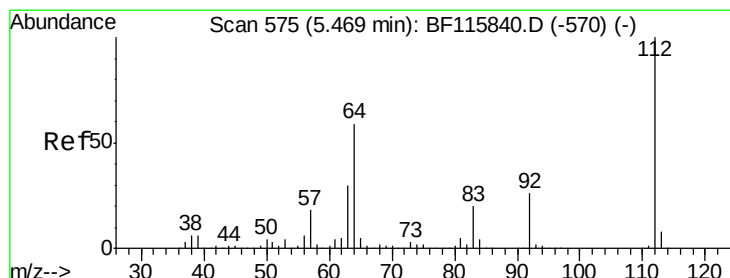
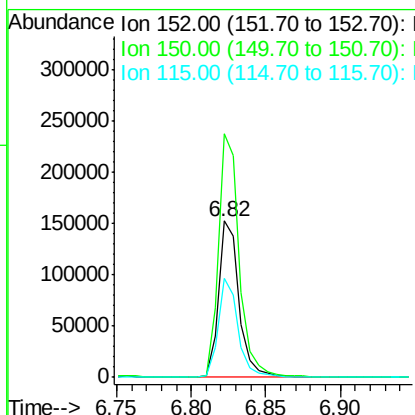
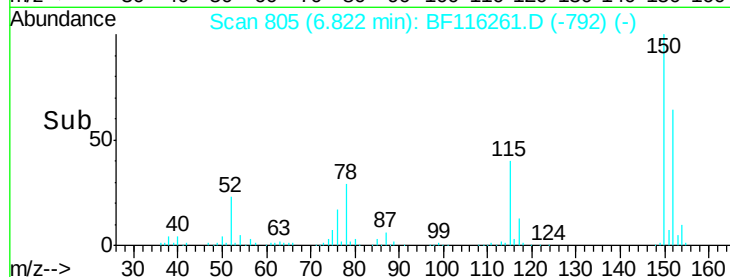
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF116261.D
 Acq: 14 Aug 2019 14:13

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-WS

Tot Ion:152 Resp: 146964
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.2
 115 62.9 49.9 74.9



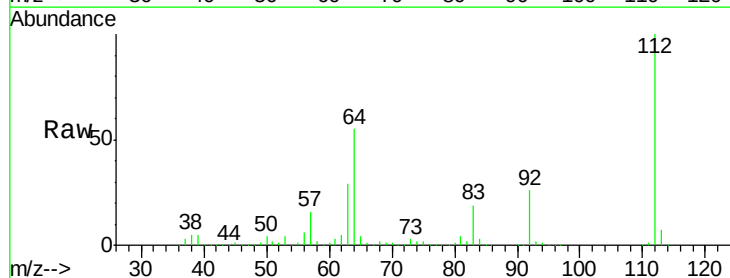
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



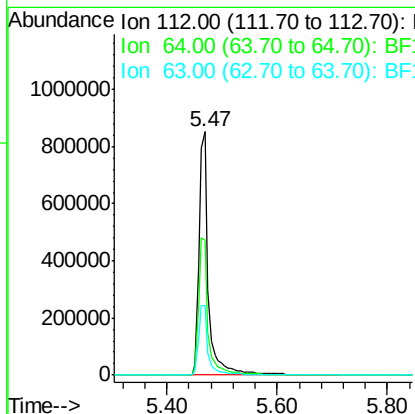
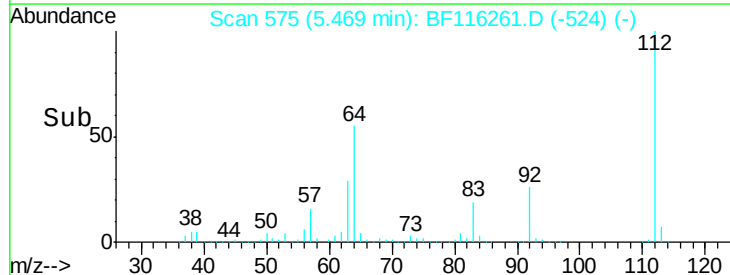
#5

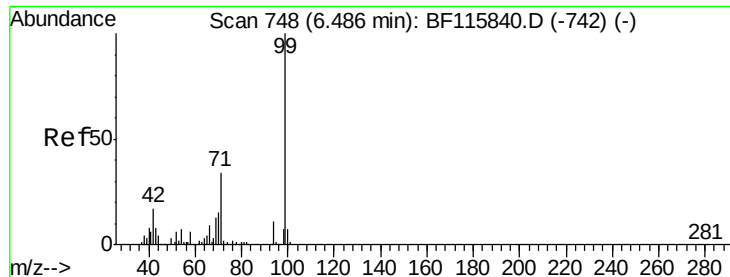
2-Fluorophenol
 Concen: 116.380 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: BF116261.D
 Acq: 14 Aug 2019 14:13

Tgt Ion:112 Resp: 1021686
 Ion Ratio Lower Upper
 112 100
 64 55.3 45.4 68.2
 63 28.8 23.7 35.5



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: 112.441 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

Instrument :

BNA_F

ClientSampled :

RO-COMP-WS

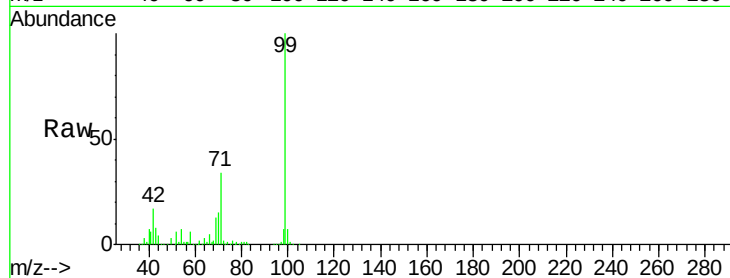
Tot Ion: 99 Resp: 1245408

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.8

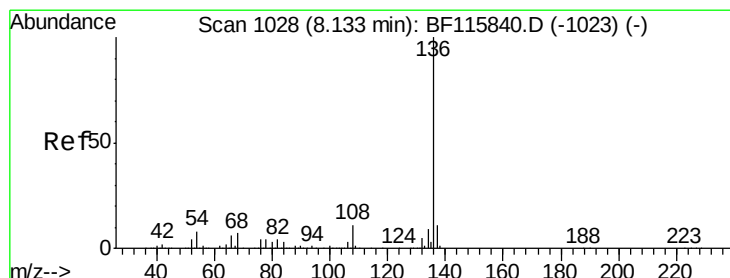
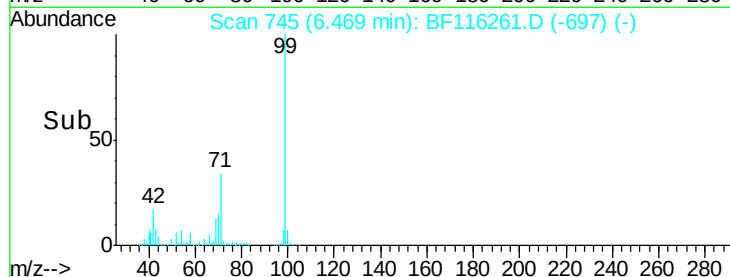
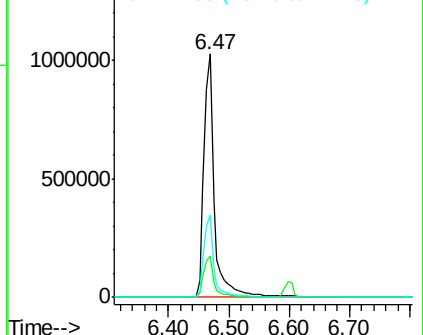
71 33.9 27.3 40.9



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: 8.10 min Scan# 1023

Delta R.T. -0.02 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

Tgt Ion: 136 Resp: 575268

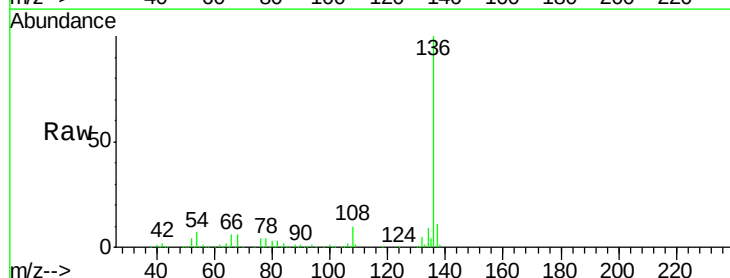
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.1 5.8 8.6

68 6.2 5.2 7.8

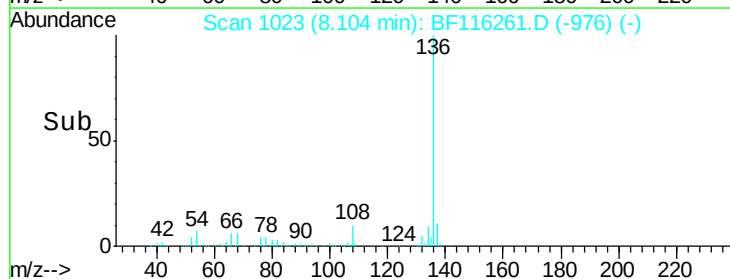
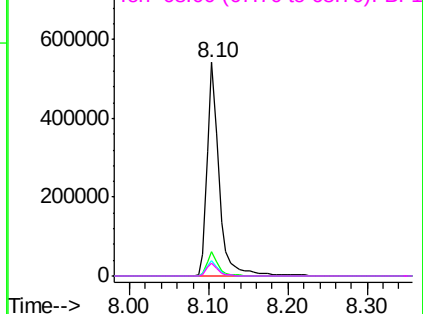


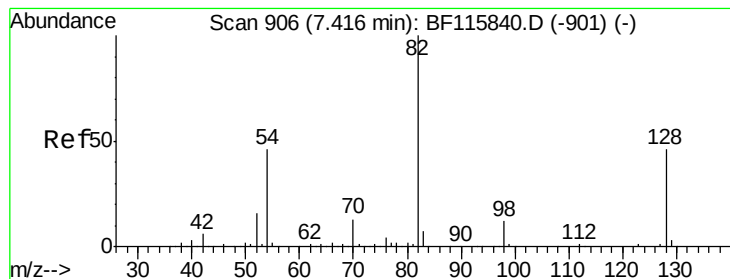
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.977 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

Instrument :

BNA_F

ClientSampleId :

RO-COMP-WS

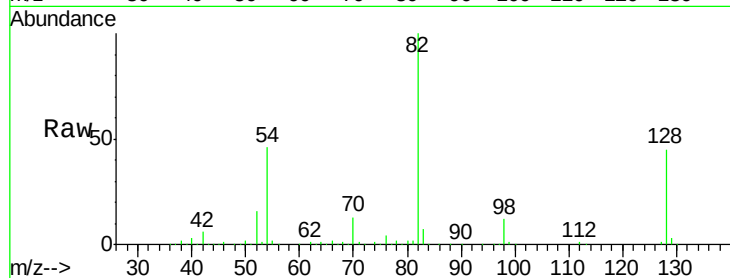
Tot Ion: 82 Resp: 956506

Ion Ratio Lower Upper

82 100

128 45.0 36.5 54.7

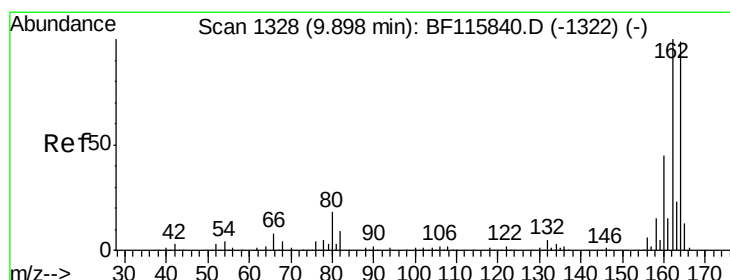
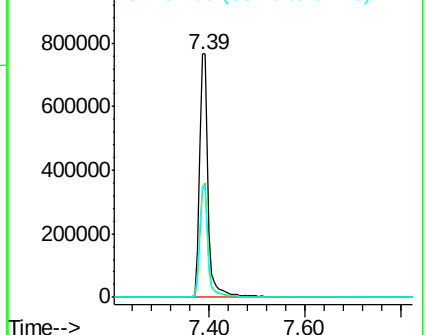
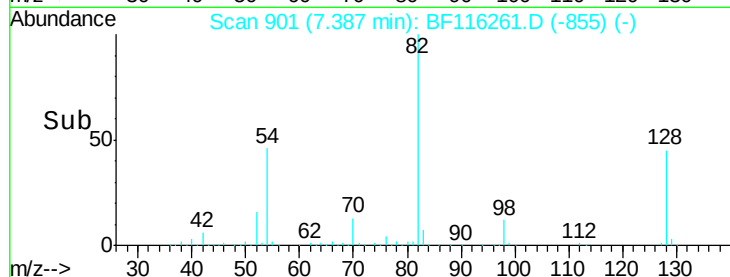
54 45.6 36.0 54.0



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: 9.86 min Scan# 1321

Delta R.T. -0.03 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

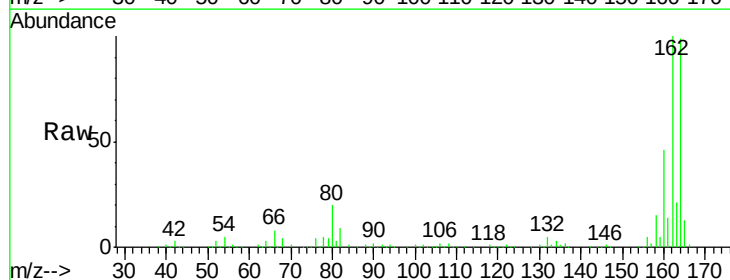
Tgt Ion: 164 Resp: 313985

Ion Ratio Lower Upper

164 100

162 100.8 82.6 124.0

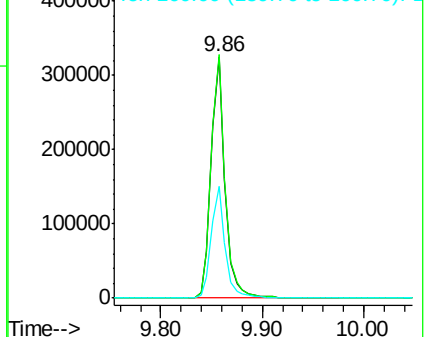
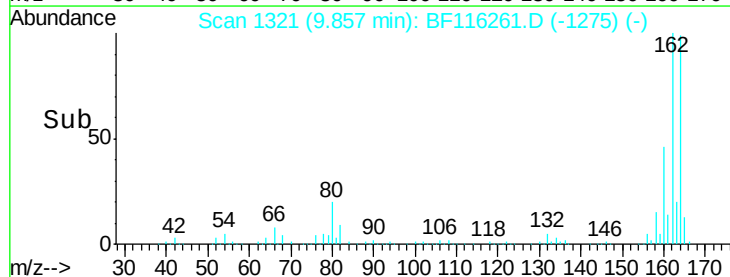
160 46.1 37.6 56.4

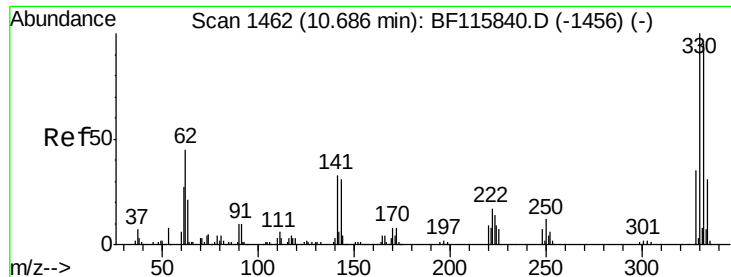


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 140.733 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

Instrument :

BNA_F

ClientSampleId :

RO-COMP-WS

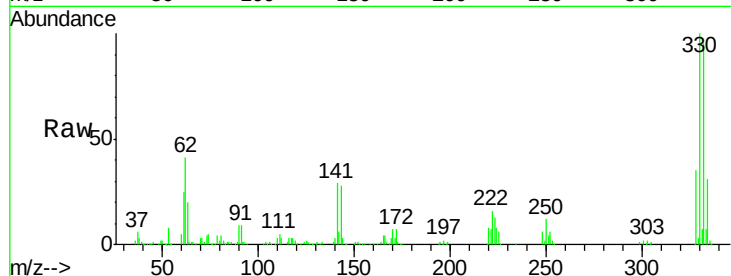
Tot Ion:330 Resp: 428415

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

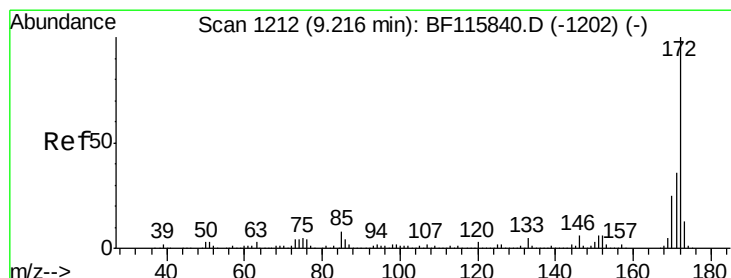
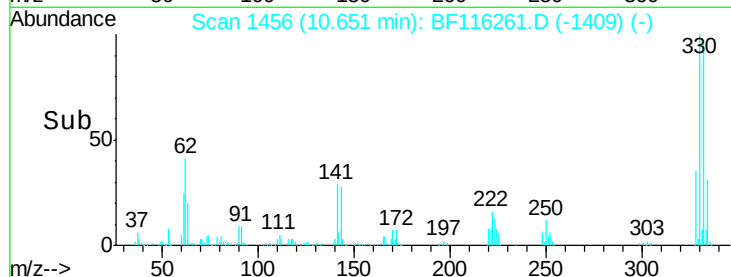
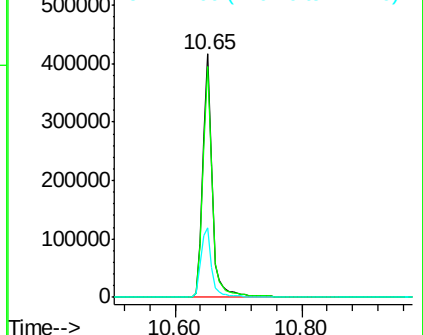
141 32.6 26.3 39.5



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: 94.983 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

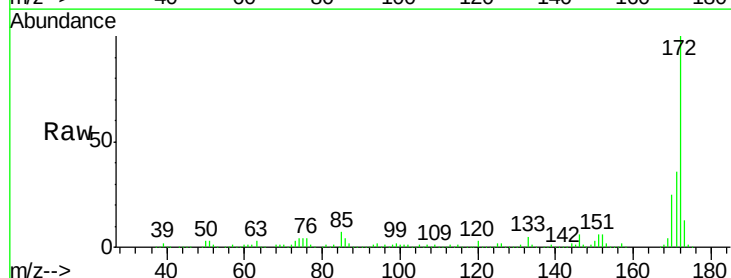
Tgt Ion:172 Resp: 1592205

Ion Ratio Lower Upper

172 100

171 36.1 29.6 44.4

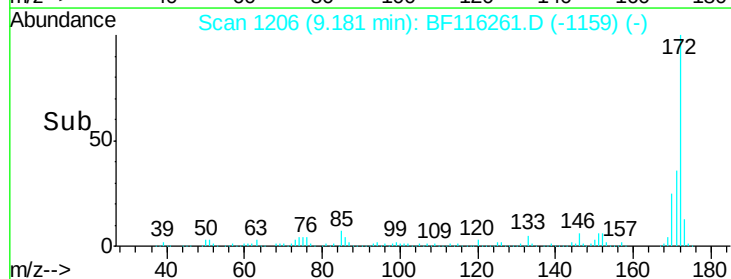
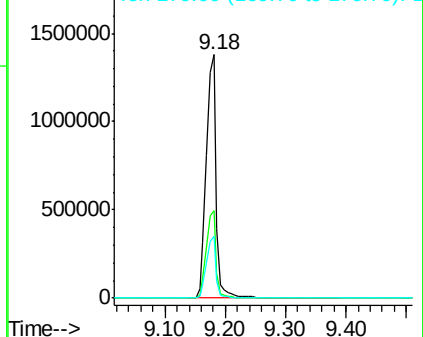
170 25.2 20.1 30.1

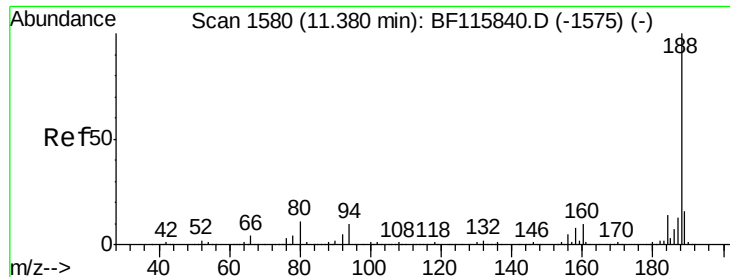


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

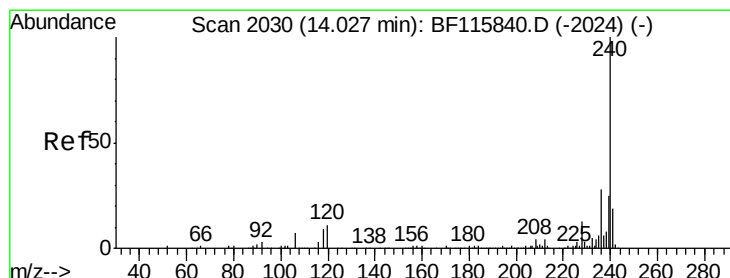
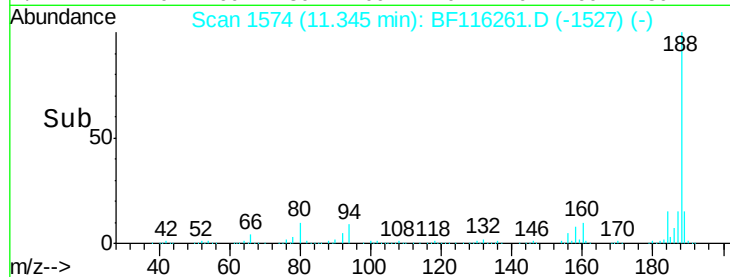
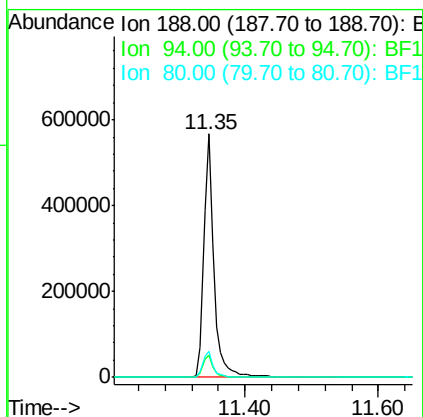
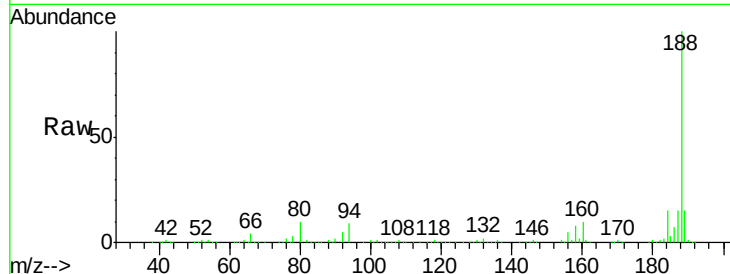




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.02 min
 Lab File: BF116261.D
 Acq: 14 Aug 2019 14:13

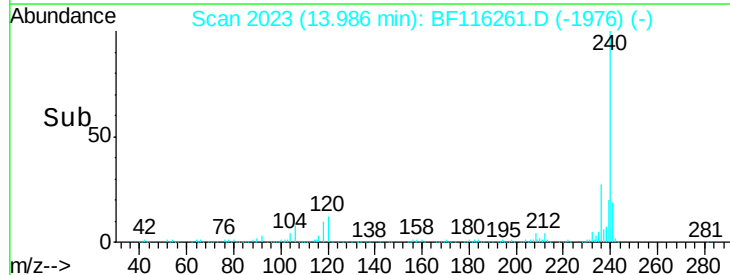
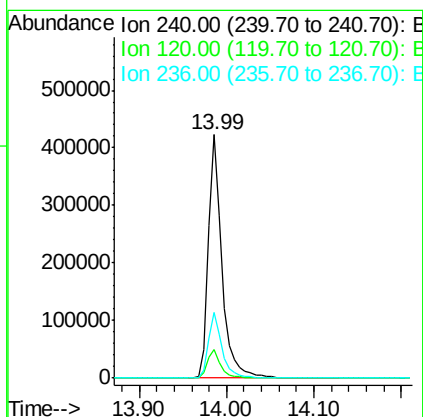
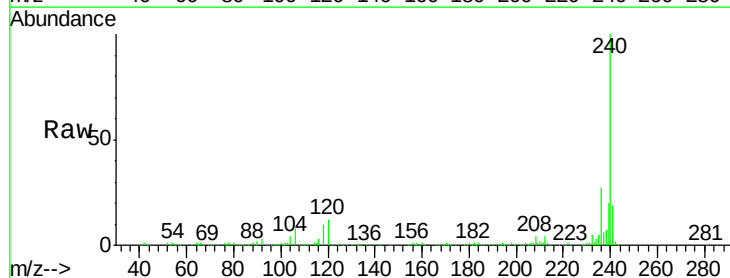
Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-WS

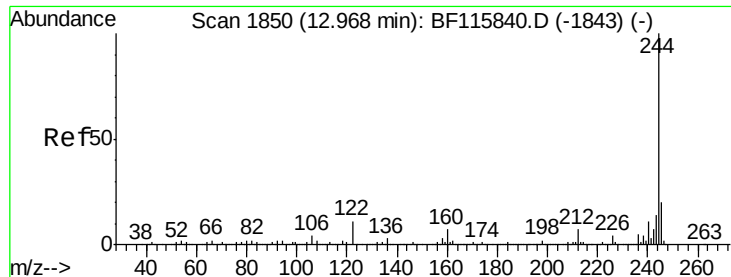
Tot Ion:188 Resp: 582103
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.1 12.1
 80 10.4 8.7 13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF116261.D
 Acq: 14 Aug 2019 14:13

Tgt Ion:240 Resp: 458336
 Ion Ratio Lower Upper
 240 100
 120 11.6 10.7 16.1
 236 26.8 22.2 33.2





#79

Terphenyl-d14

Concen: 86.810 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

Instrument :

BNA_F

ClientSampleId :

RO-COMP-WS

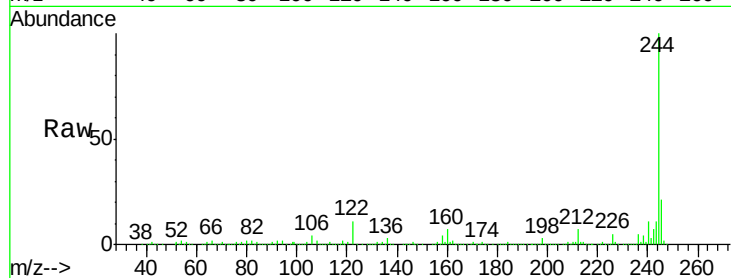
Tot Ion:244 Resp: 1888235

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

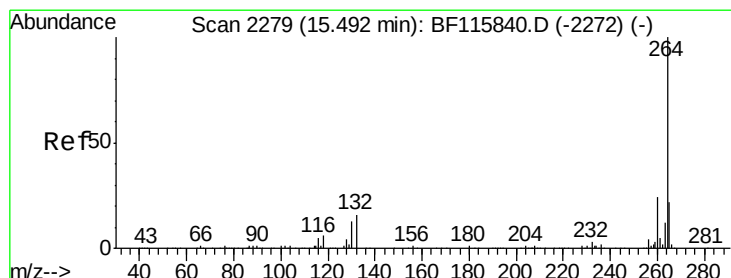
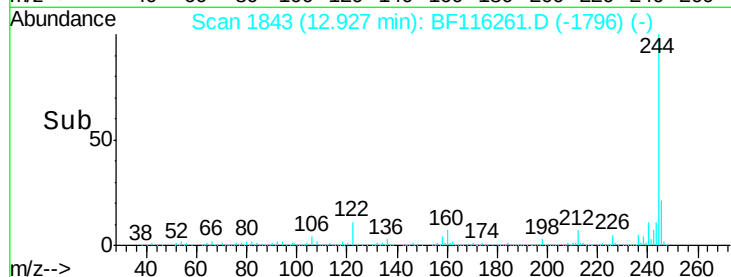
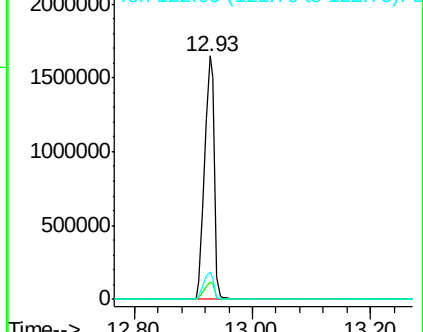
122 11.1 9.0 13.4



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: 15.45 min Scan# 2272

Delta R.T. -0.02 min

Lab File: BF116261.D

Acq: 14 Aug 2019 14:13

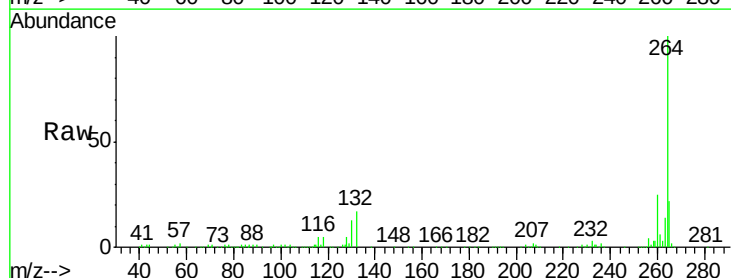
Tgt Ion:264 Resp: 398399

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 22.0 17.4 26.0



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

