

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081419\
 Data File : BF116264.D
 Acq On : 14 Aug 2019 16:15
 Operator : HP/JU
 Sample : K4228-37
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-I1-I4-COMP-(1)

Quant Time: Aug 14 18:38:15 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	6.83	152	147731	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	575042	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	311480	20.00	ng	-0.03
64) Phenanthrene-d10	11.35	188	574069	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	446659	20.00	ng	-0.02
87) Perylene-d12	15.46	264	403946	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	991862	112.40	ng	0.00
7) Phenol-d6	6.47	99	1132146	101.68	ng	-0.02
23) Nitrobenzene-d5	7.39	82	950924	95.45	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	426435	141.21	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1589314	95.57	ng	-0.02
79) Terphenyl-d14	12.93	244	1850481	87.30	ng	-0.02

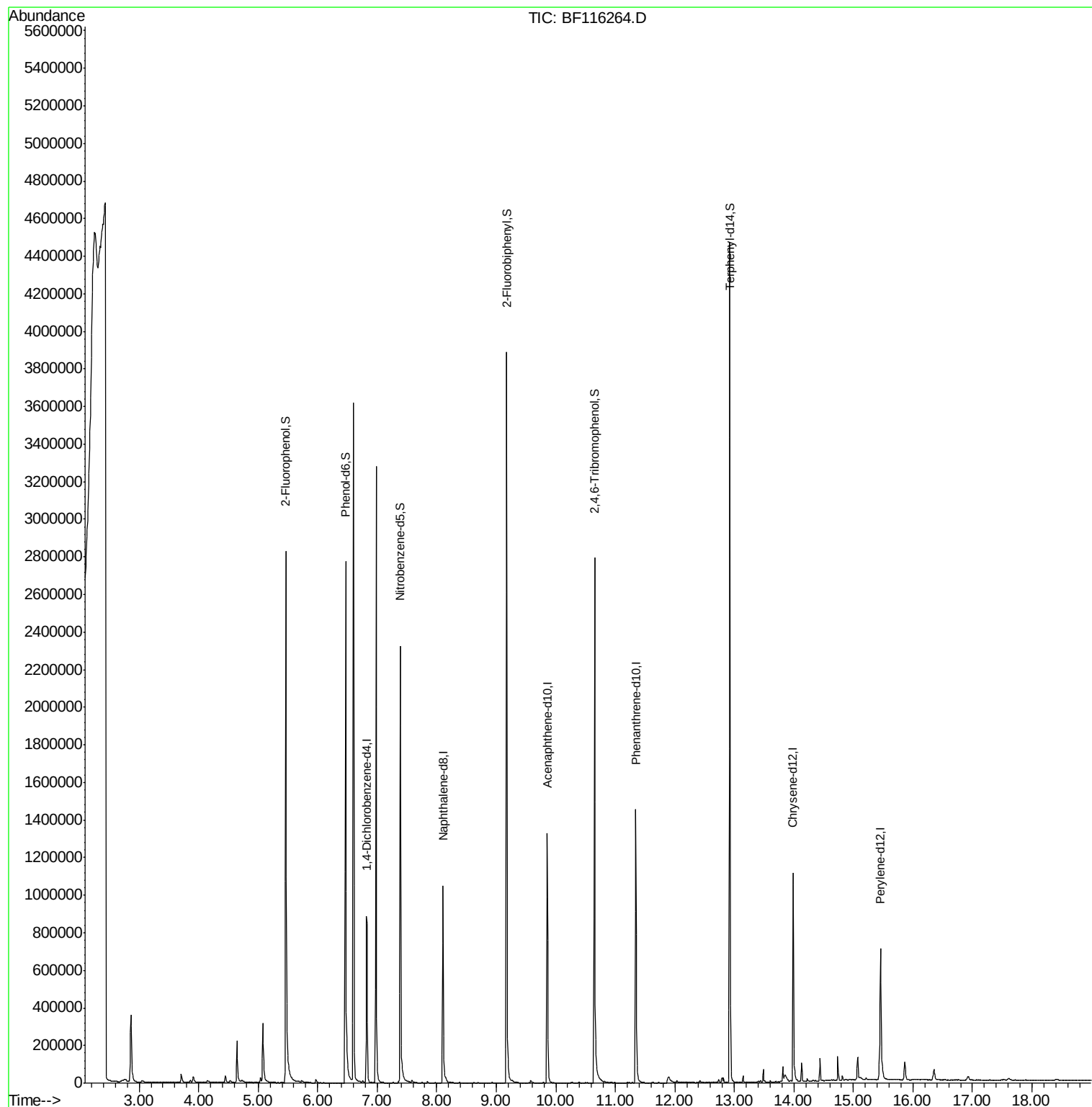
Target Compounds Qvalue

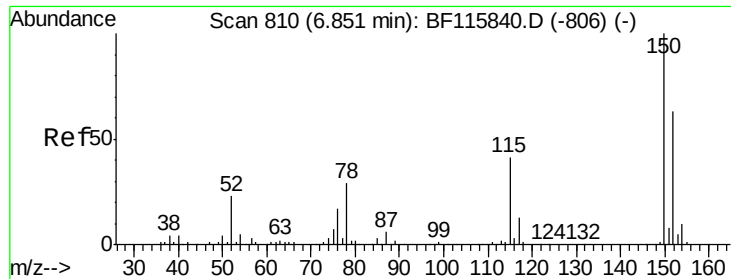
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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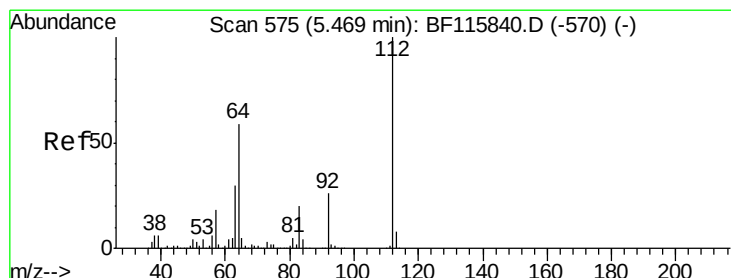
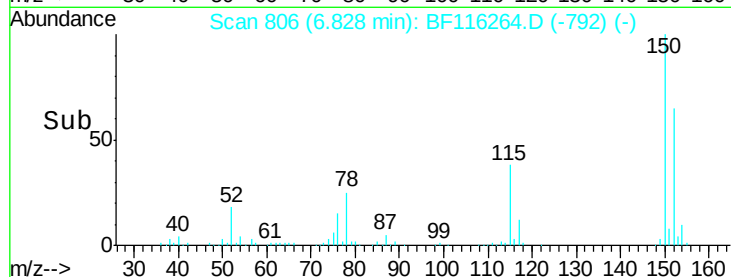
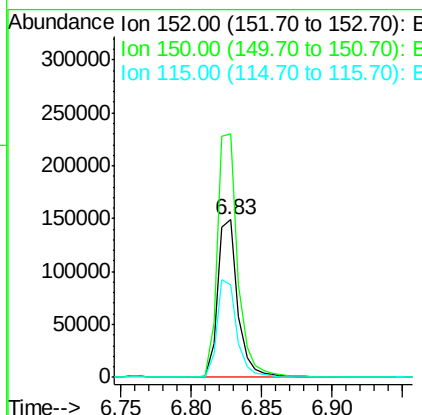
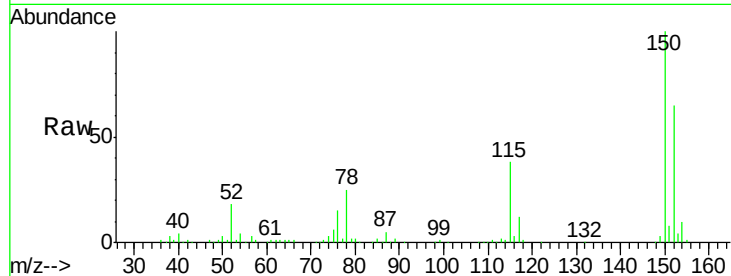


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-I1-I4-COMP-(1)

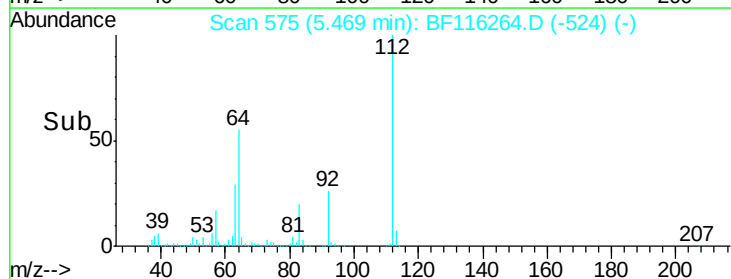
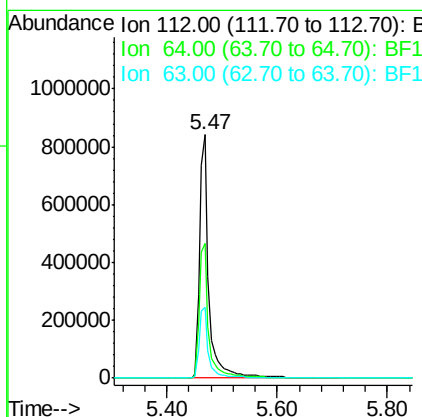
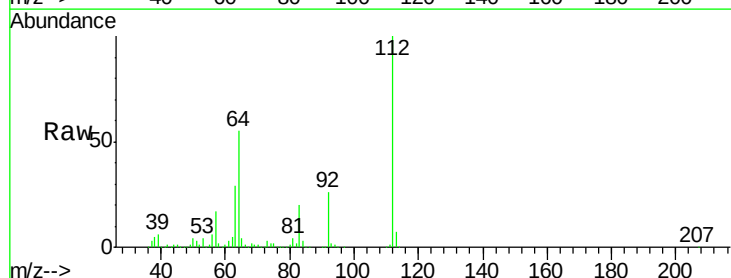
Tot Ion:152 Resp: 147731
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.2 189.2
 115 58.7 49.9 74.9

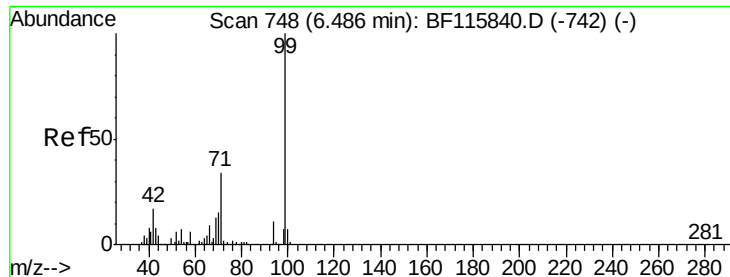


#5

2-Fluorophenol
 Concen: 112.396 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

Tgt Ion:112 Resp: 991862
 Ion Ratio Lower Upper
 112 100
 64 55.4 45.4 68.2
 63 29.0 23.7 35.5





#7

Phenol-d6

Concen: 101.684 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116264.D

Acq: 14 Aug 2019 16:15

Instrument :

BNA_F

ClientSampleId :

2S-I1-I4-COMP-(1)

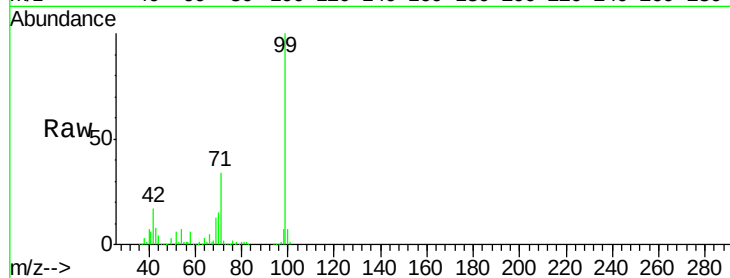
Tot Ion: 99 Resp: 1132146

Ion Ratio Lower Upper

99 100

42 16.6 13.8 20.8

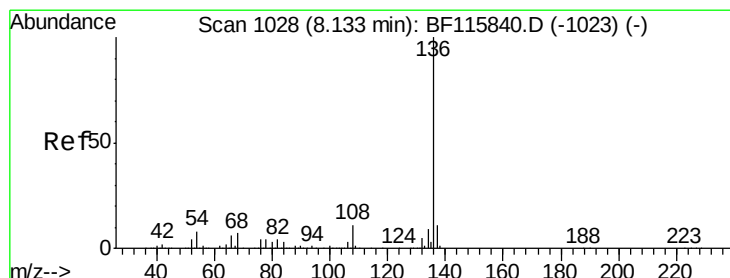
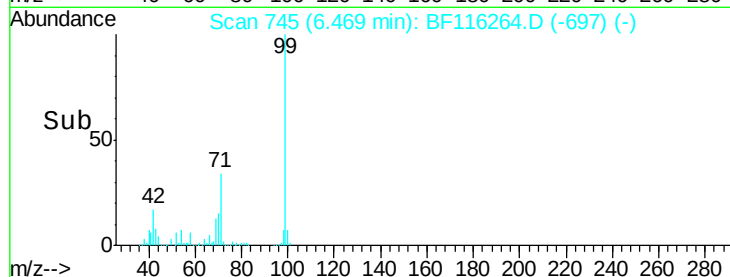
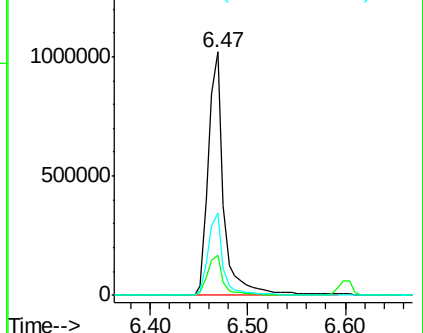
71 33.9 27.3 40.9



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: BF116264.D

Acq: 14 Aug 2019 16:15

Tgt Ion: 136 Resp: 575042

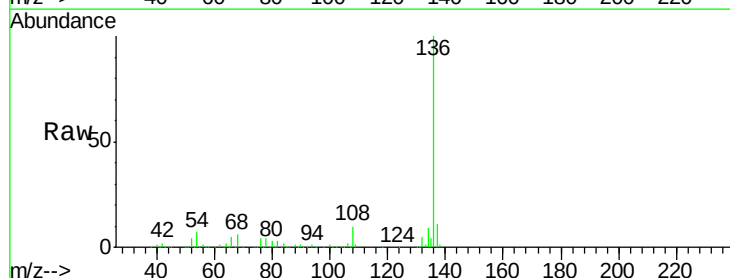
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.7 5.8 8.6

68 6.3 5.2 7.8

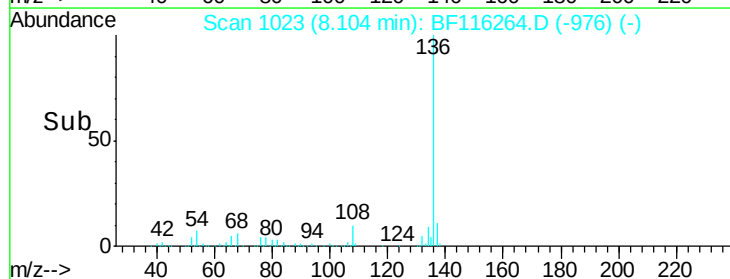
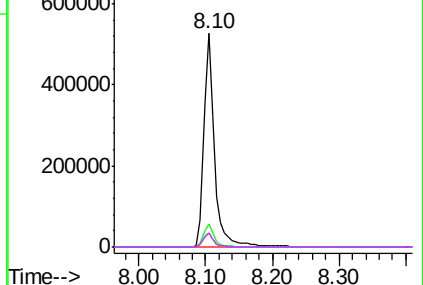


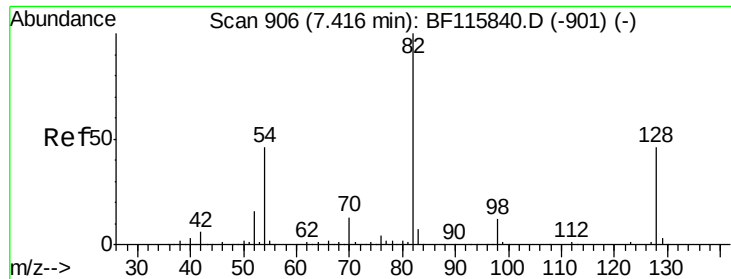
Abundance Ion 136.00 (135.70 to 136.70): E

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

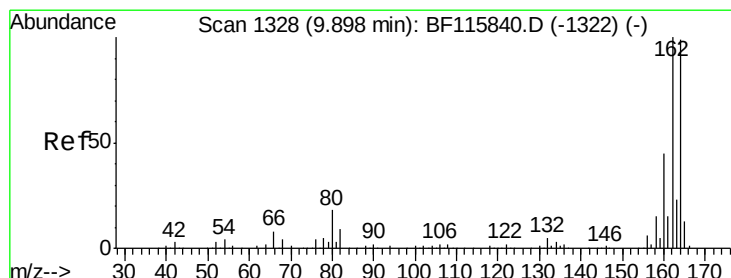
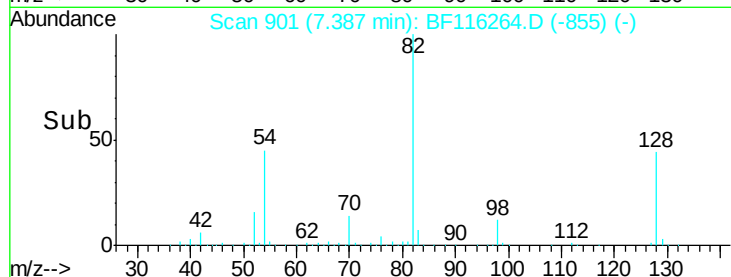
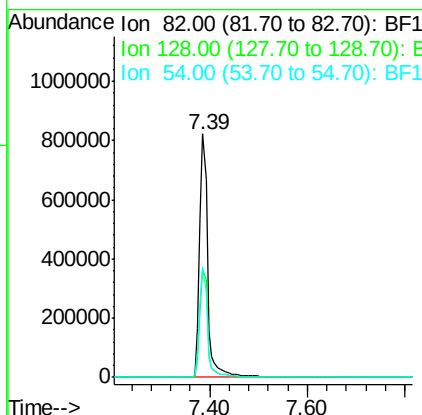
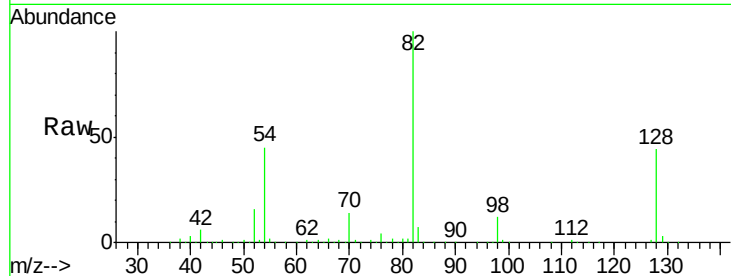




#23
 Nitrobenzene-d5
 Concen: 95.454 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

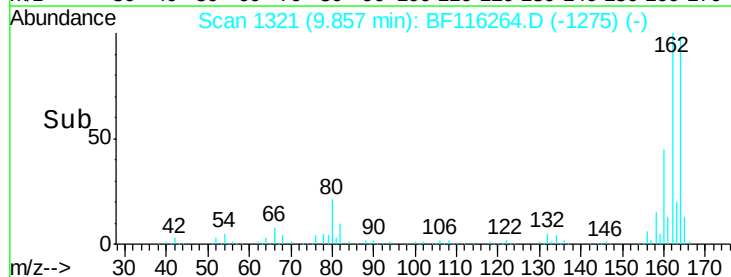
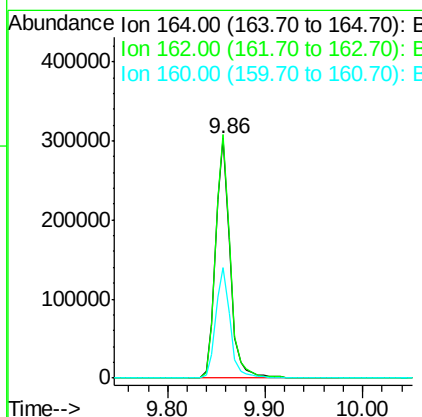
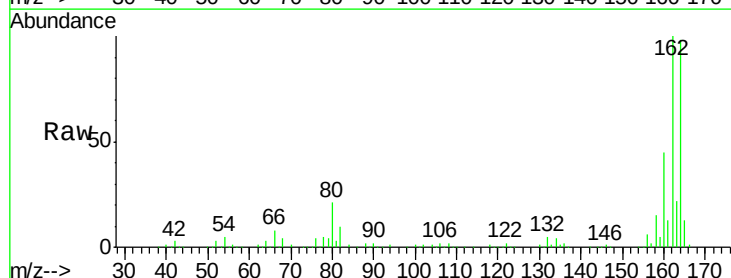
Instrument :
 BNA_F
 ClientSampleId :
 2S-I1-I4-COMP(1)

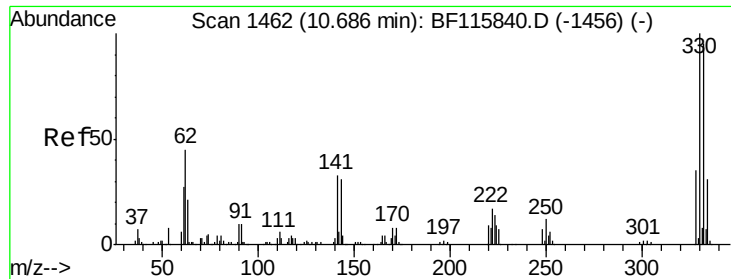
Tot Ion: 82 Resp: 950924
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.5 54.7
 54 45.4 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

Tgt Ion:164 Resp: 311480
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 124.0
 160 46.1 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 141.209 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116264.D

Acq: 14 Aug 2019 16:15

Instrument :

BNA_F

ClientSampleId :

2S-I1-I4-COMP-(1)

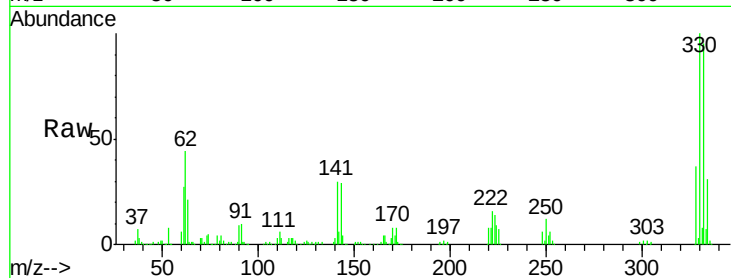
Tot Ion:330 Resp: 426435

Ion Ratio Lower Upper

330 100

332 95.3 76.8 115.2

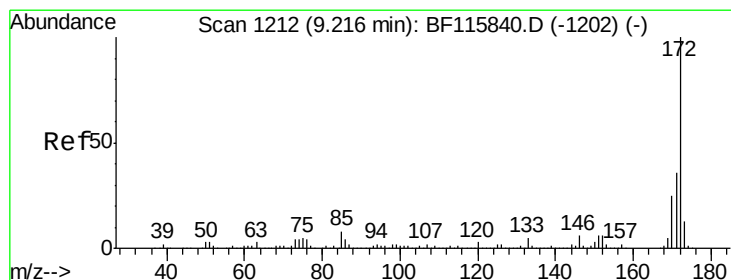
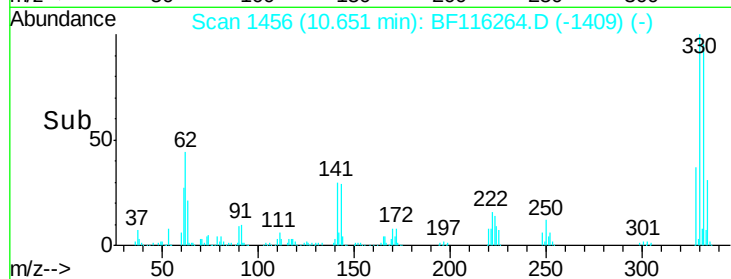
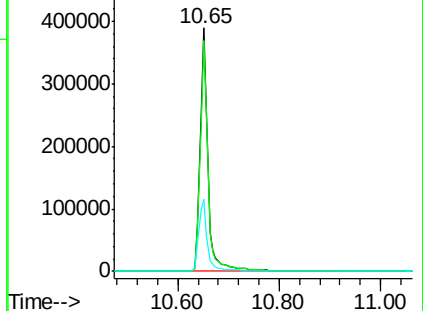
141 32.2 26.3 39.5



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: 95.573 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.02 min

Lab File: BF116264.D

Acq: 14 Aug 2019 16:15

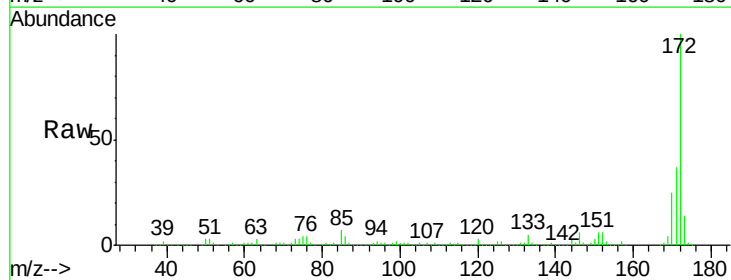
Tgt Ion:172 Resp: 1589314

Ion Ratio Lower Upper

172 100

171 36.8 29.6 44.4

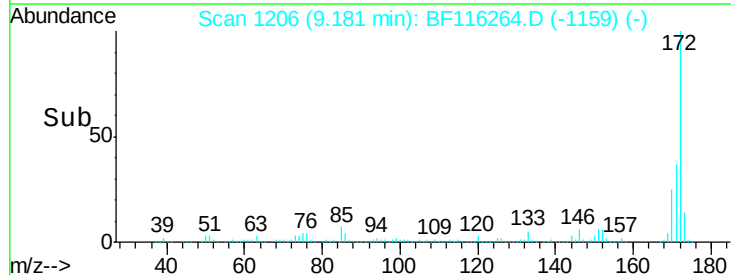
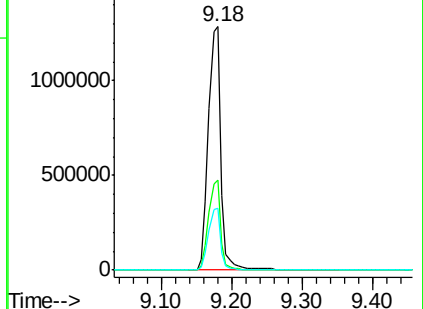
170 25.2 20.1 30.1

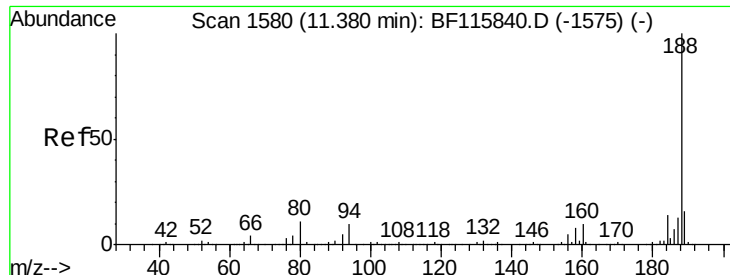


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

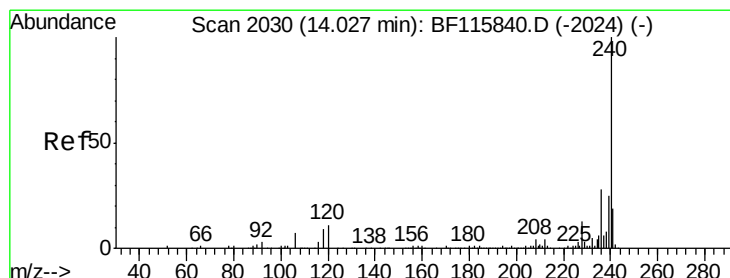
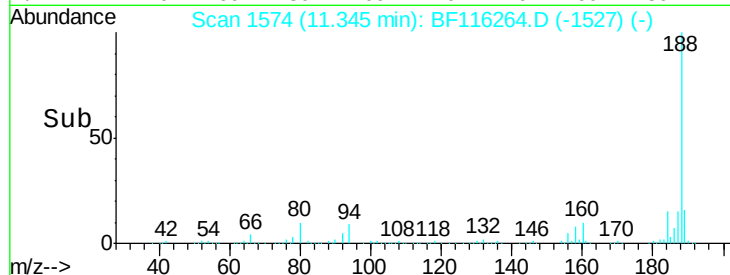
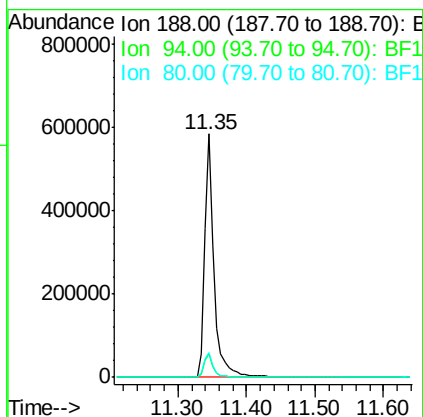
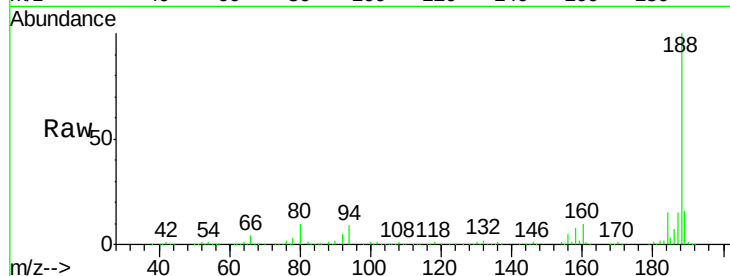




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.02 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

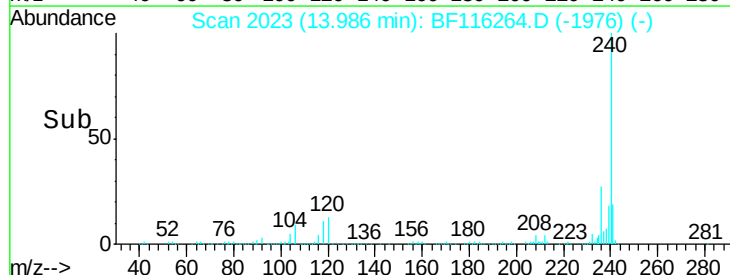
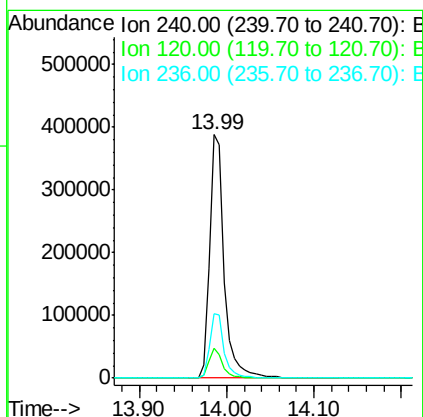
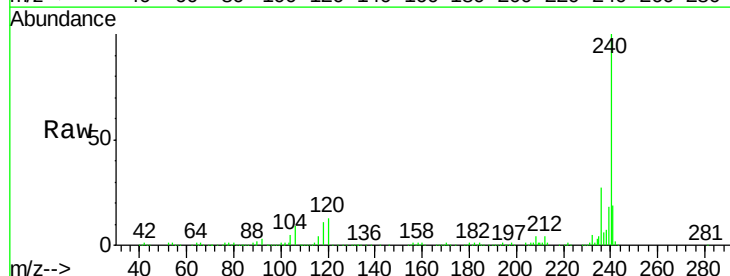
Instrument :
 BNA_F
 ClientSampleId :
 2S-I1-I4-COMP-(1)

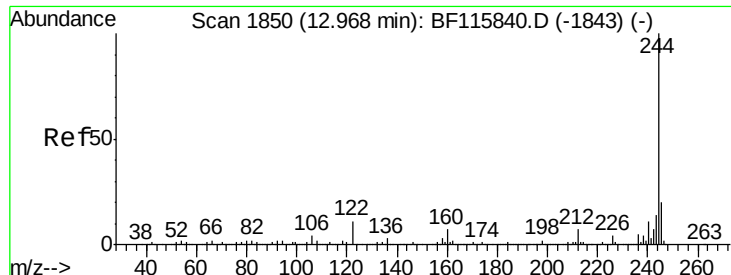
Tot Ion:188 Resp: 574069
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.1 12.1
 80 10.4 8.7 13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF116264.D
 Acq: 14 Aug 2019 16:15

Tgt Ion:240 Resp: 446659
 Ion Ratio Lower Upper
 240 100
 120 12.5 10.7 16.1
 236 26.6 22.2 33.2





#79

Terphenyl-d14

Concen: 87.299 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.02 min

Lab File: BF116264.D

Acq: 14 Aug 2019 16:15

Instrument :

BNA_F

ClientSampleId :

2S-I1-I4-COMP-(1)

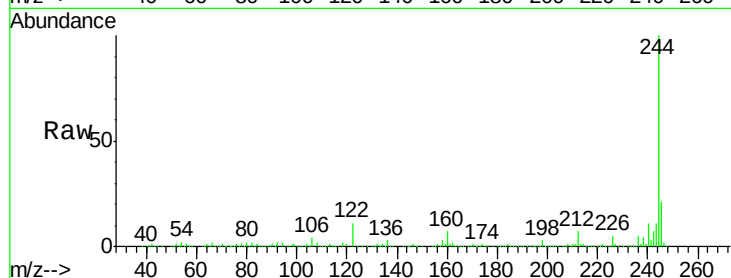
Tot Ion:244 Resp: 1850481

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

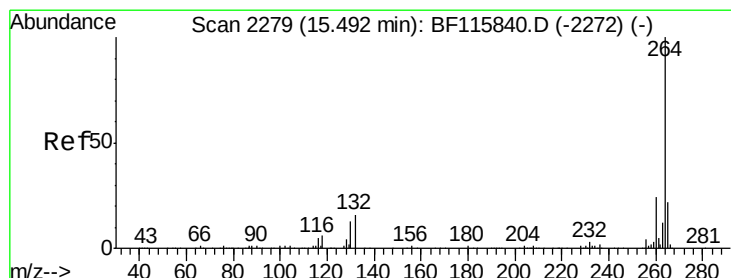
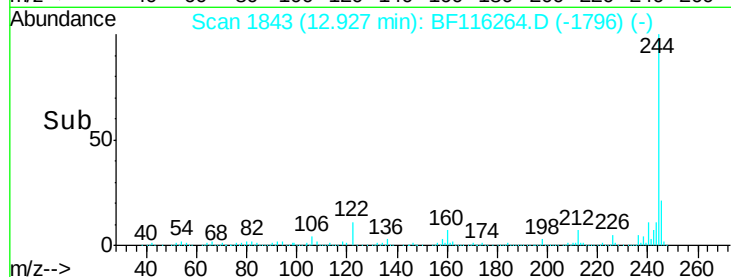
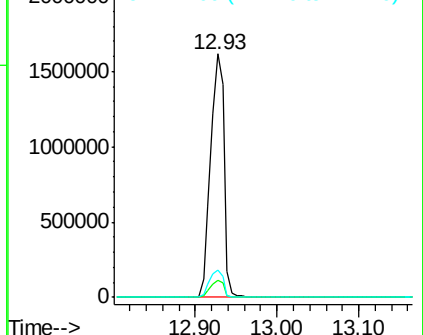
122 11.1 9.0 13.4



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: 15.46 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BF116264.D

Acq: 14 Aug 2019 16:15

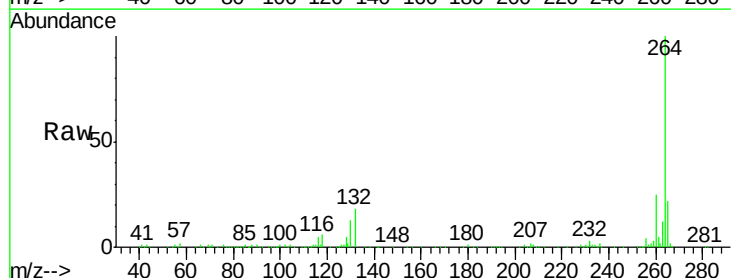
Tgt Ion:264 Resp: 403946

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 21.7 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

