

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116159.D
 Acq On : 10 Aug 2019 19:55
 Operator : HP/JU
 Sample : K4245-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-25

Quant Time: Aug 12 03:12:33 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	6.84	152	130963	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	525016	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	259326	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	382770	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	278013	20.00	ng	0.00
87) Perylene-d12	15.47	264	275644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	63878	8.17	ng	0.00
7) Phenol-d6	6.49	99	101447	10.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	60353	6.64	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	11622	4.62	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	121041	8.74	ng	-0.01
79) Terphenyl-d14	12.94	244	95760	7.26	ng	-0.01

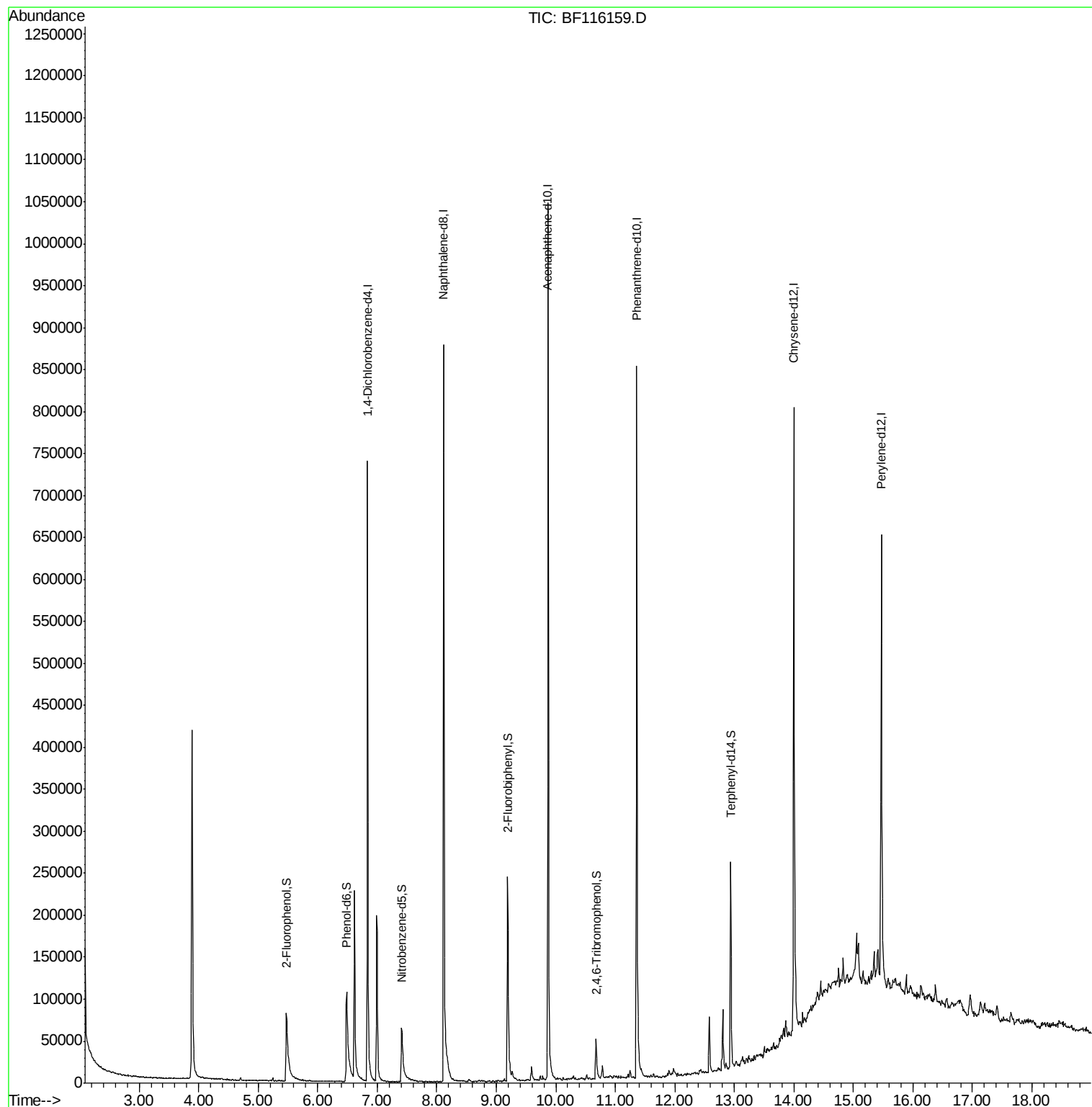
Target Compounds Qvalue

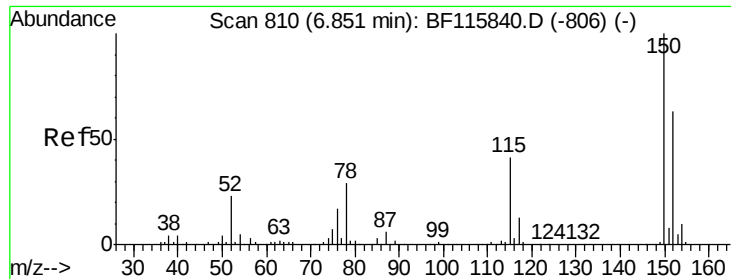
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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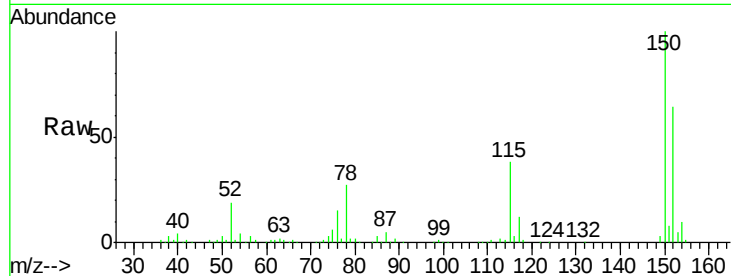


#1

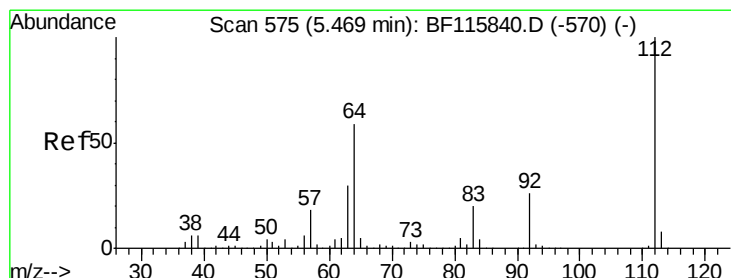
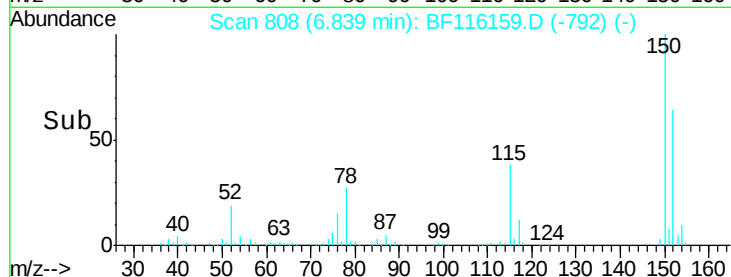
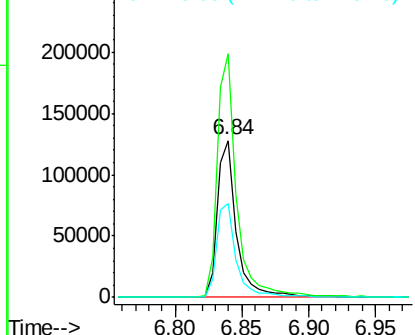
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Instrument :
 BNA_F
 ClientSampled :
 COMP-25

Tot Ion:152 Resp: 130963
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.2 189.2
 115 59.7 49.9 74.9



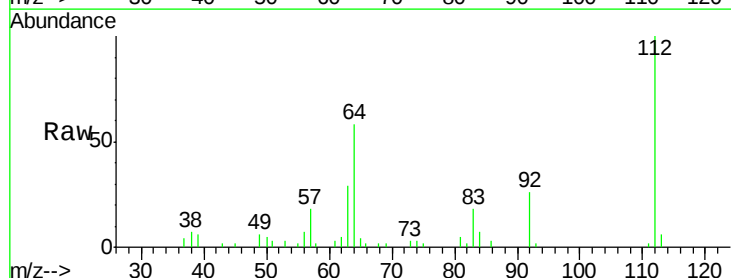
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



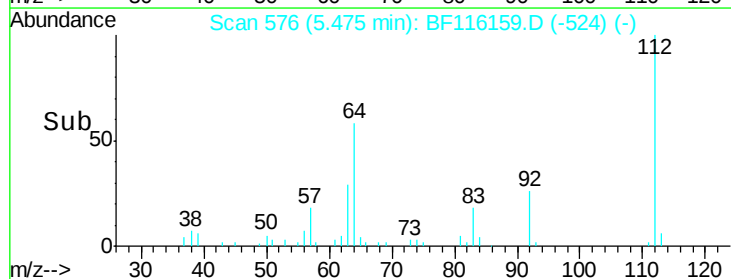
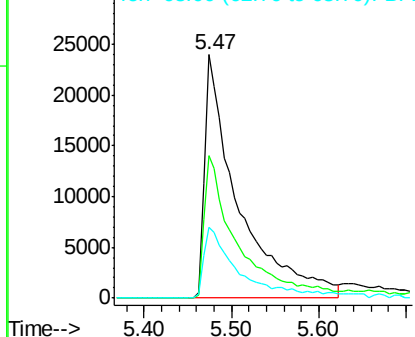
#5

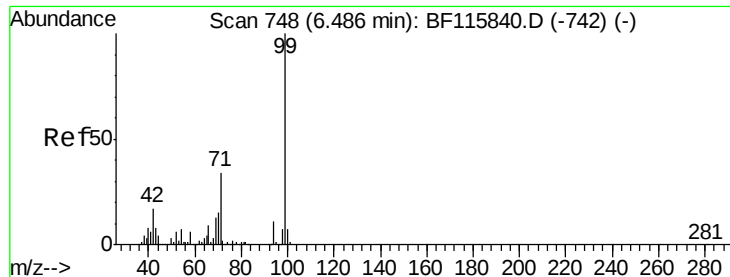
2-Fluorophenol
 Concen: 8.165 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Tgt Ion:112 Resp: 63878
 Ion Ratio Lower Upper
 112 100
 64 58.4 45.4 68.2
 63 29.1 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: 10.278 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF116159.D

Acq: 10 Aug 2019 19:55

Instrument :

BNA_F

ClientSampleId :

COMP-25

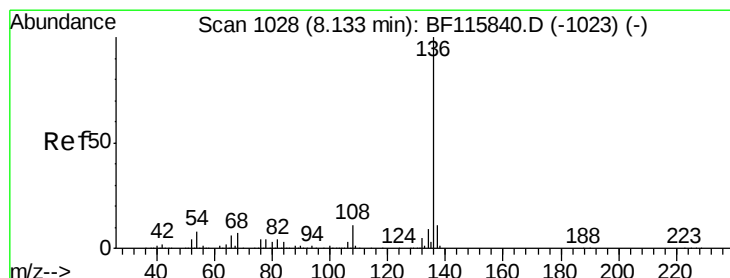
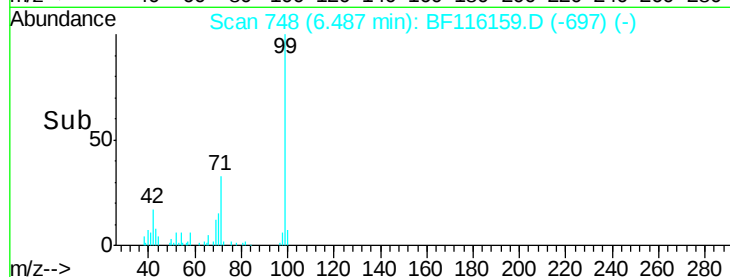
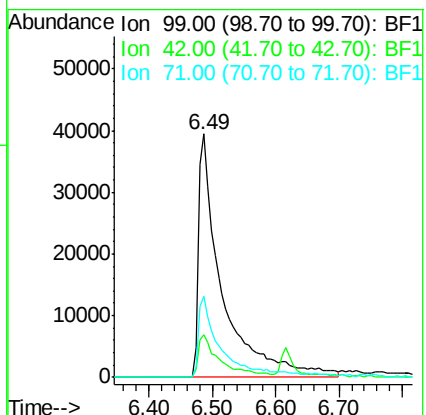
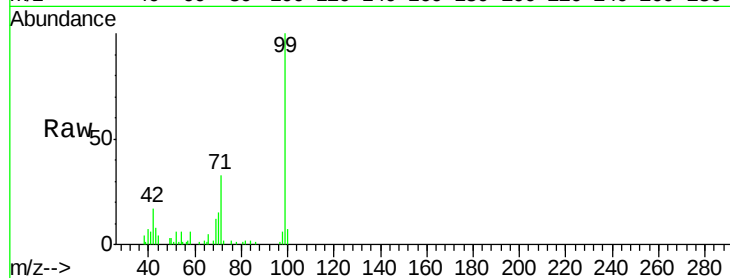
Tot Ion: 99 Resp: 101447

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.8

71 33.2 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116159.D

Acq: 10 Aug 2019 19:55

Tgt Ion: 136 Resp: 525016

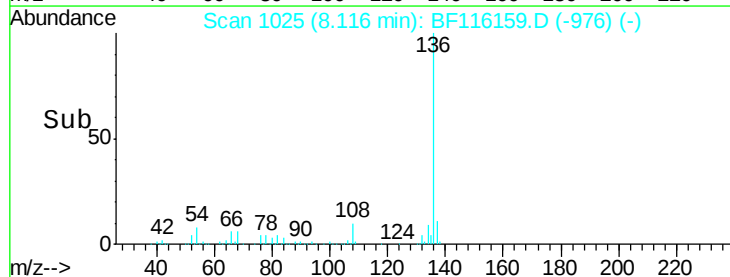
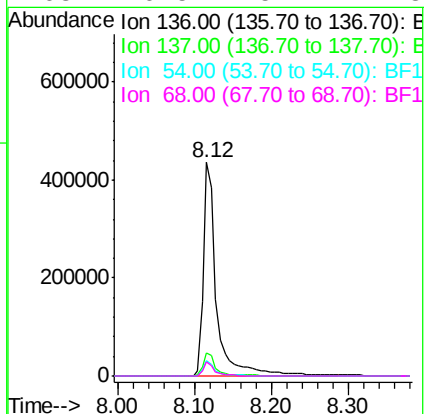
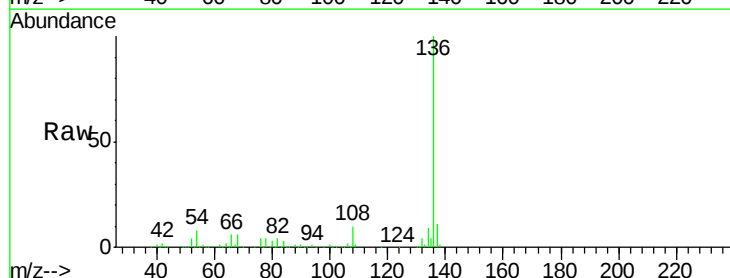
Ion Ratio Lower Upper

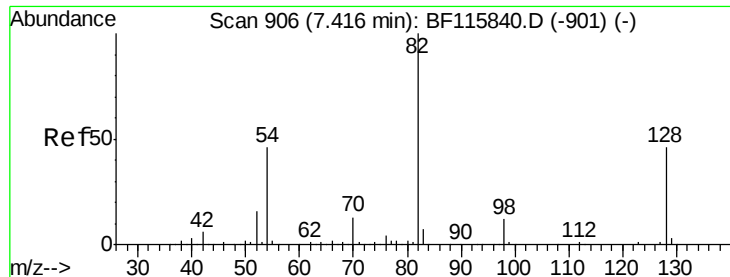
136 100

137 11.0 9.0 13.4

54 7.5 5.8 8.6

68 6.5 5.2 7.8

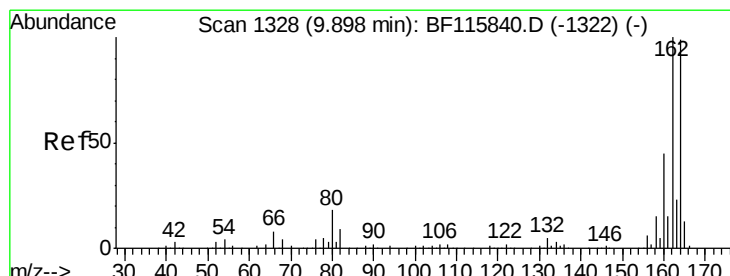
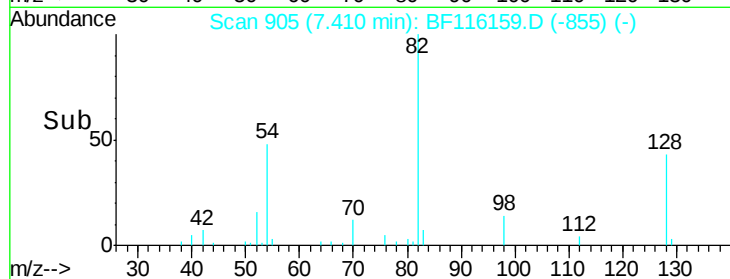
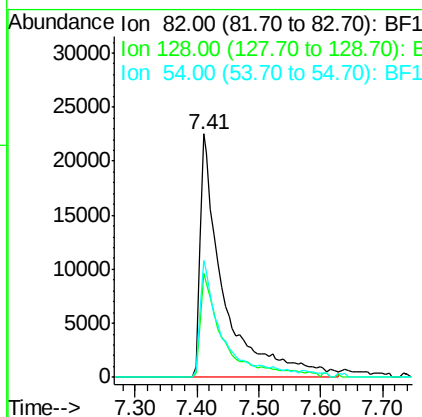
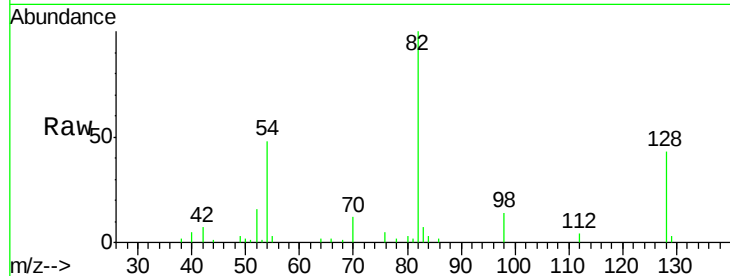




#23
 Nitrobenzene-d5
 Concen: 6.636 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

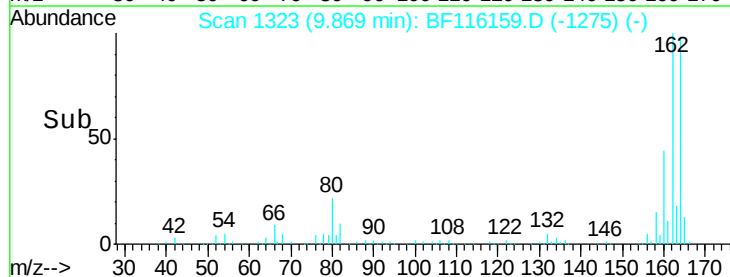
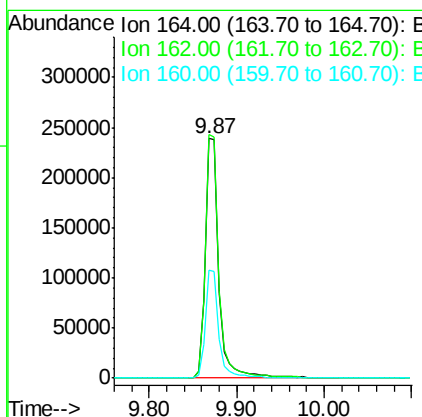
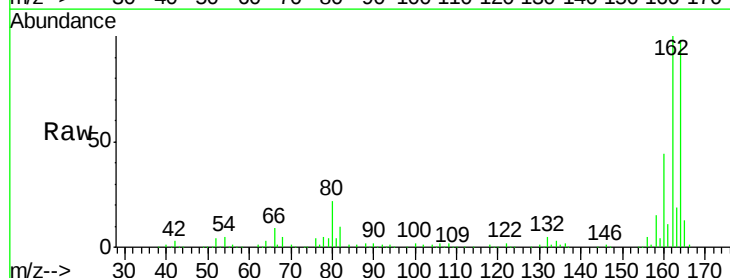
Instrument :
 BNA_F
 ClientSampleId :
 COMP-25

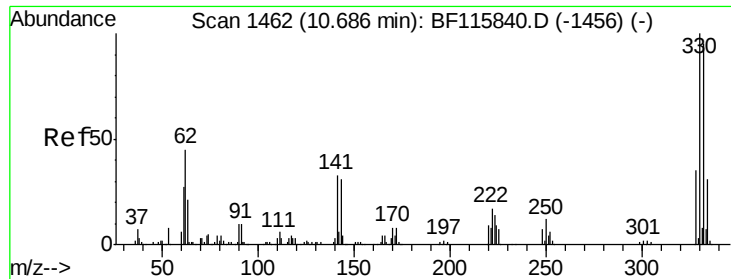
Tot Ion: 82 Resp: 60353
 Ion Ratio Lower Upper
 82 100
 128 42.7 36.5 54.7
 54 47.8 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Tgt Ion:164 Resp: 259326
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 124.0
 160 45.2 37.6 56.4

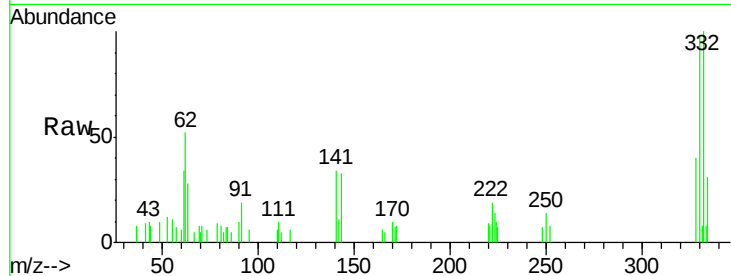




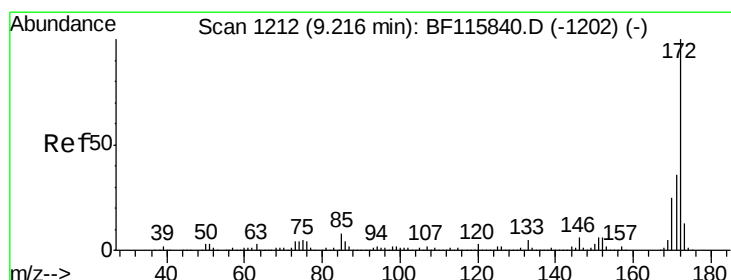
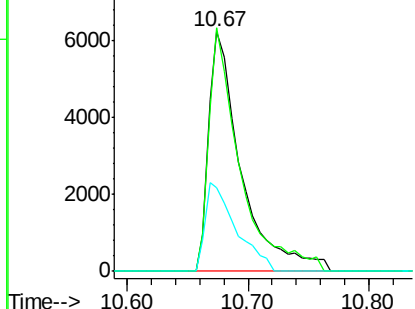
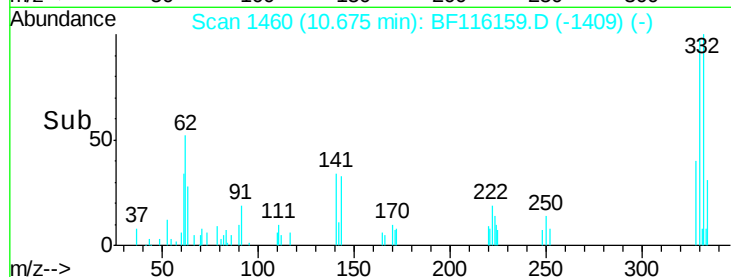
#42
 2,4,6-Tribromophenol
 Concen: 4.622 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Instrument :
 BNA_F
 ClientSampleId :
 COMP-25

Tot Ion:330 Resp: 11622
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 34.8 26.3 39.5

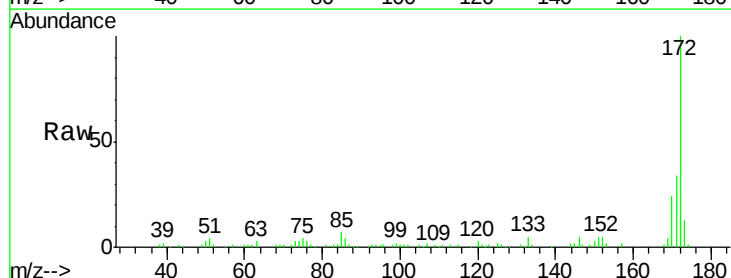


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

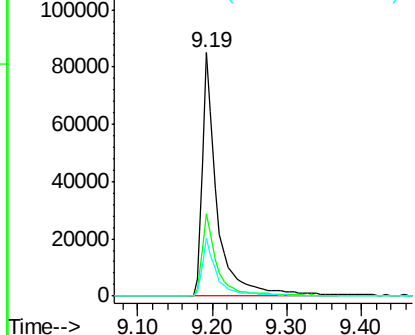
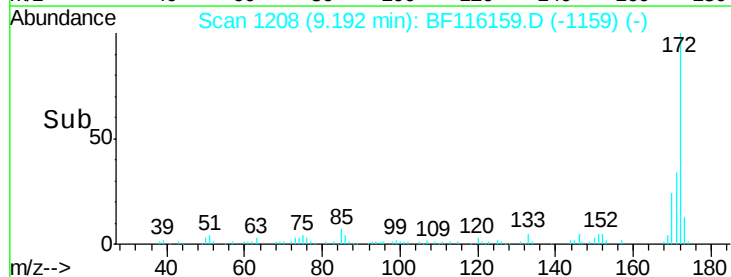


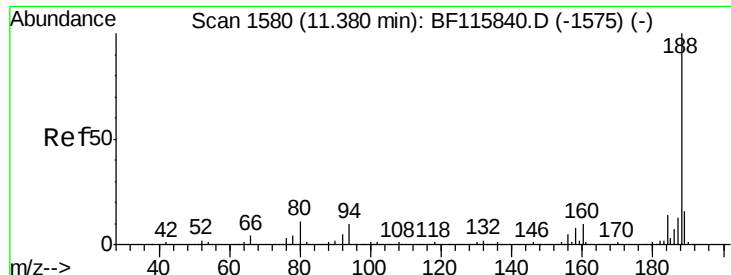
#45
 2-Fluorobiphenyl
 Concen: 8.743 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Tgt Ion:172 Resp: 121041
 Ion Ratio Lower Upper
 172 100
 171 33.8 29.6 44.4
 170 23.8 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

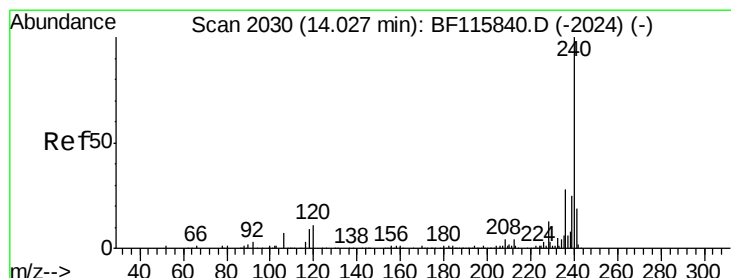
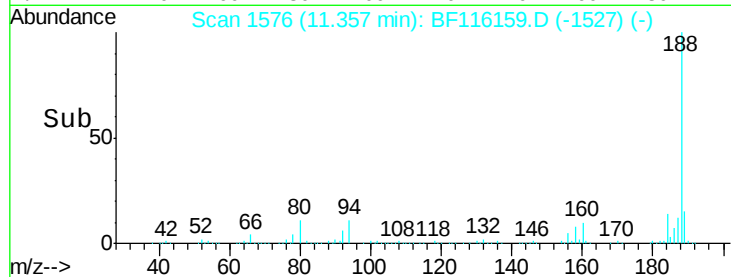
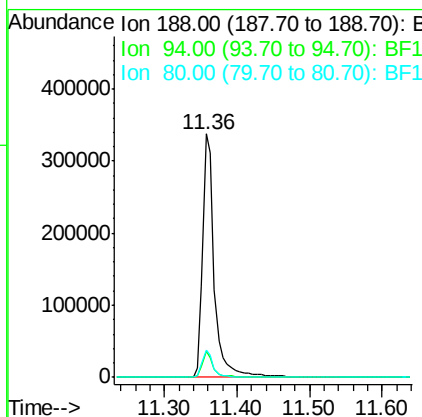
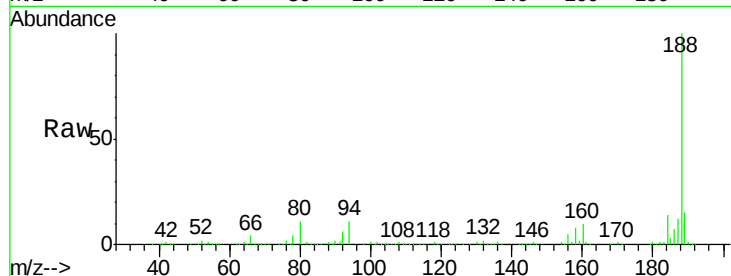




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

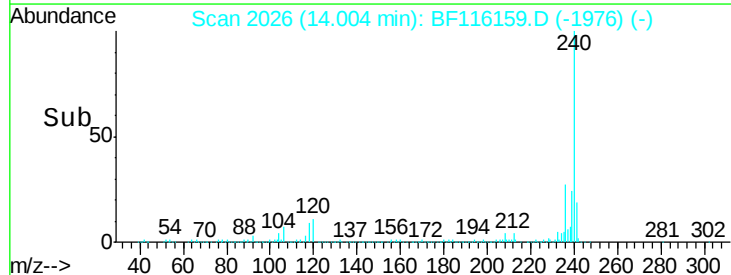
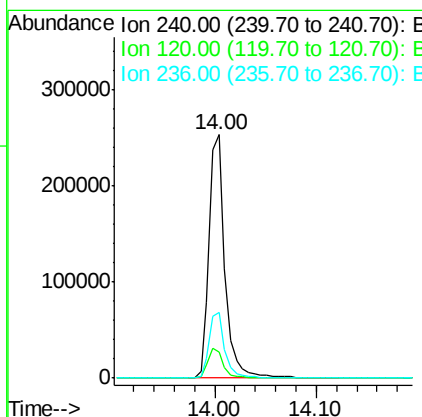
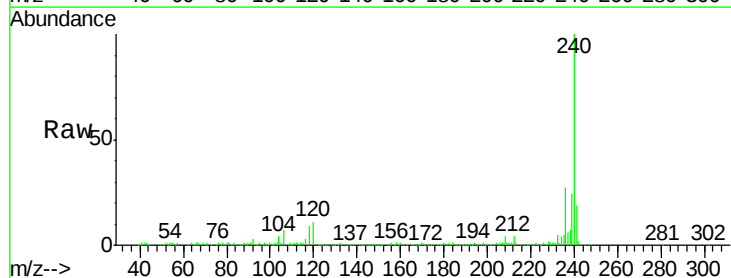
Instrument :
 BNA_F
 ClientSampleId :
 COMP-25

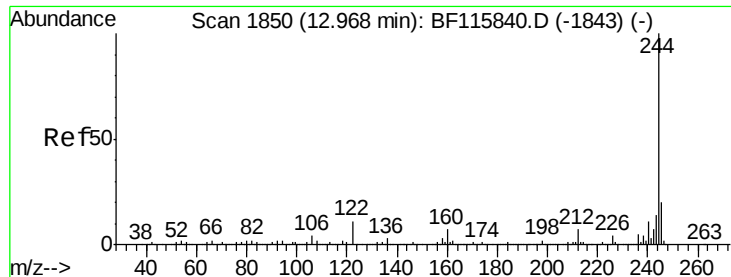
Tot Ion:188 Resp: 382770
 Ion Ratio Lower Upper
 188 100
 94 10.5 8.1 12.1
 80 11.2 8.7 13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116159.D
 Acq: 10 Aug 2019 19:55

Tgt Ion:240 Resp: 278013
 Ion Ratio Lower Upper
 240 100
 120 10.6 10.7 16.1#
 236 27.2 22.2 33.2





#79

Terphenyl-d14

Concen: 7.258 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116159.D

Acq: 10 Aug 2019 19:55

Instrument :

BNA_F

ClientSampleId :

COMP-25

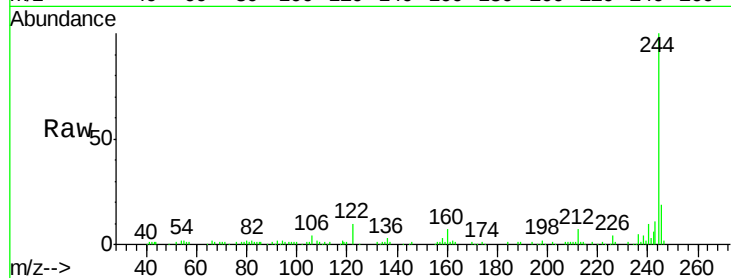
Tot Ion:244 Resp: 95760

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

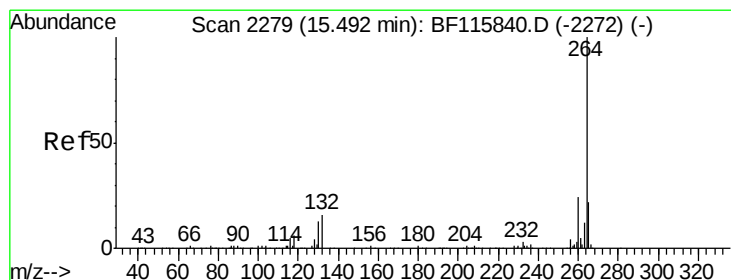
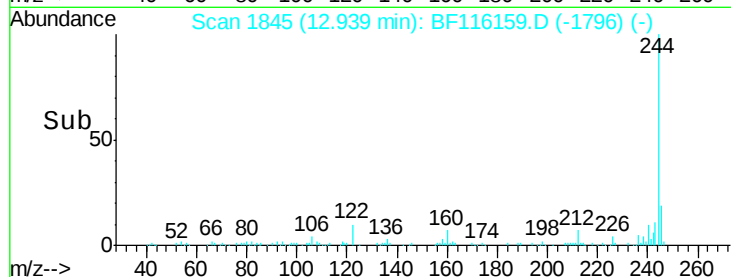
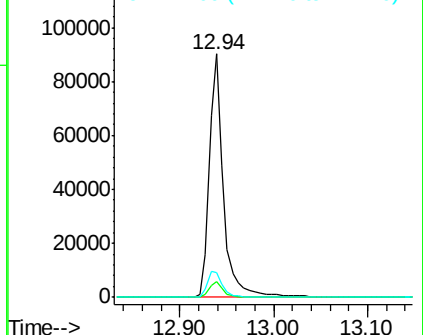
122 10.3 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116159.D

Acq: 10 Aug 2019 19:55

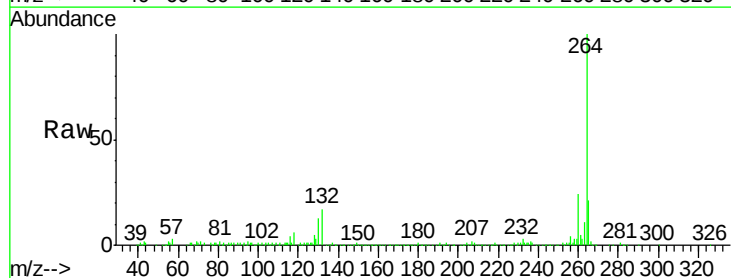
Tgt Ion:264 Resp: 275644

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 21.3 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

