

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116319.D
 Acq On : 16 Aug 2019 13:47
 Operator : HP/JU
 Sample : K4356-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Aug 17 04:02:47 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

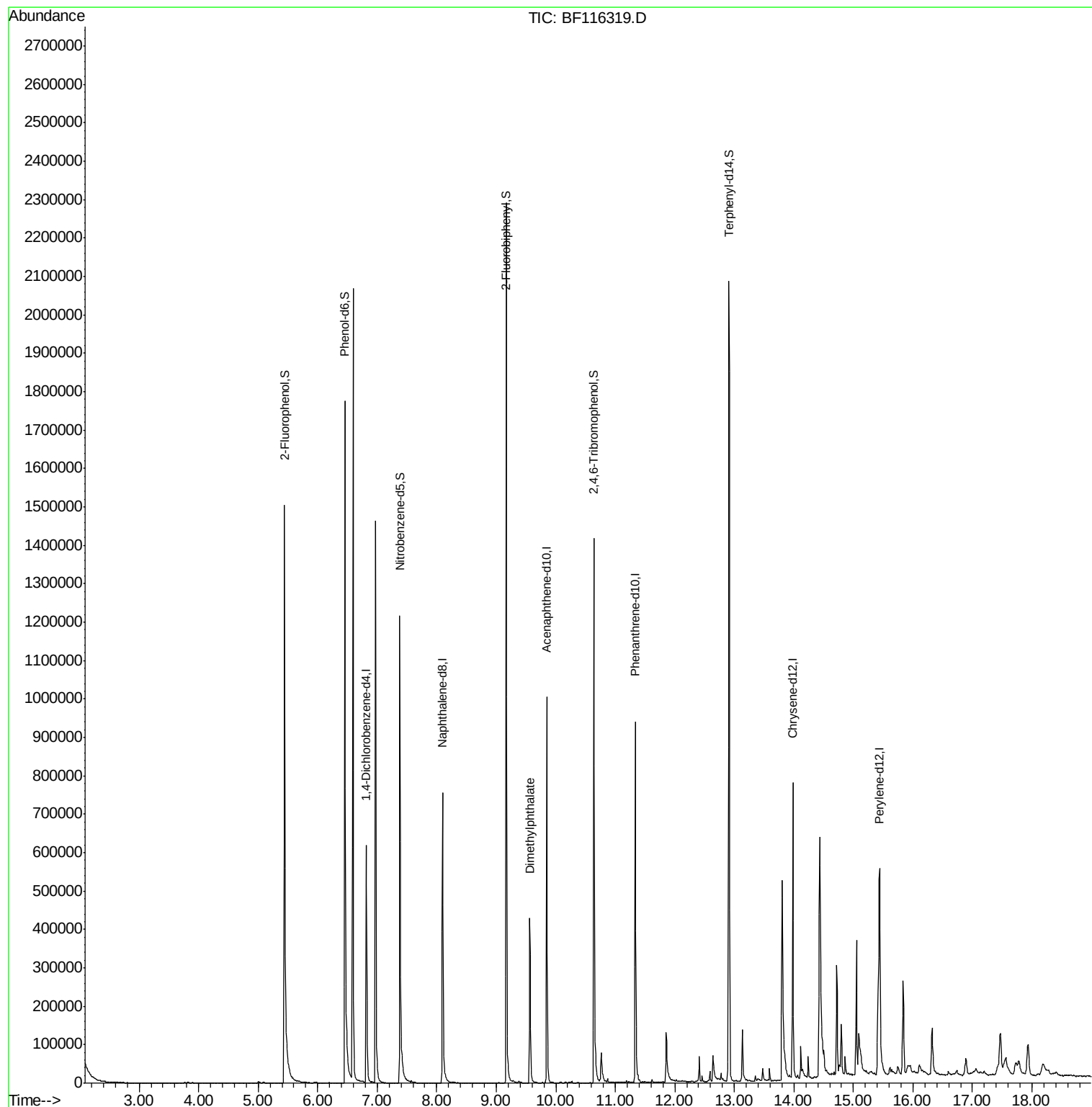
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	102045	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	406558	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	222212	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	410309	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	292073	20.00	ng	-0.03
87) Perylene-d12	15.44	264	290755	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	581096	95.33	ng	-0.03
7) Phenol-d6	6.46	99	746618	97.08	ng	-0.03
23) Nitrobenzene-d5	7.38	82	478415	67.93	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	193973	90.04	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	716274	60.38	ng	-0.04
79) Terphenyl-d14	12.91	244	714729	51.56	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.56	163	202537	13.386	ng	Qvalue 99

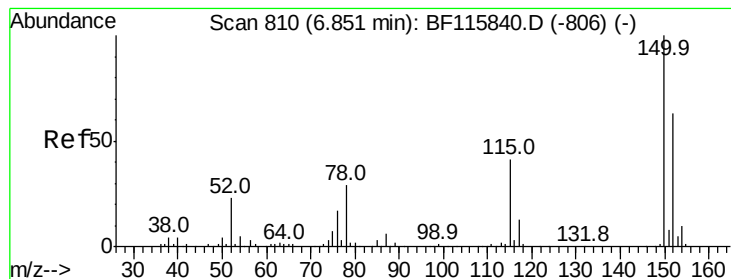
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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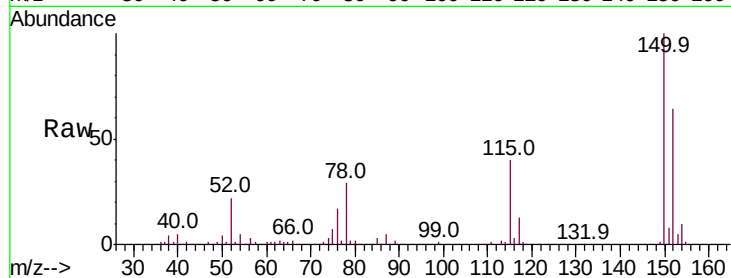


#1

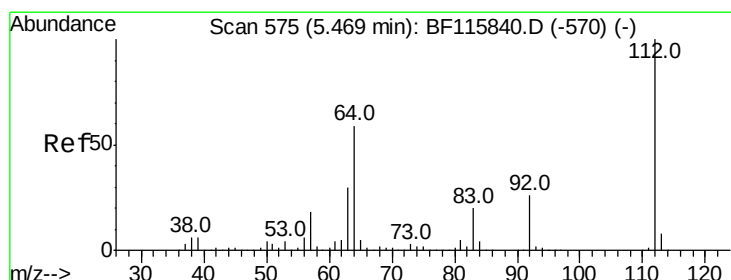
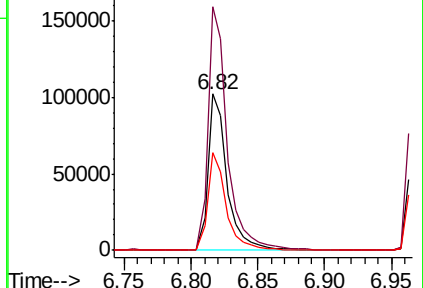
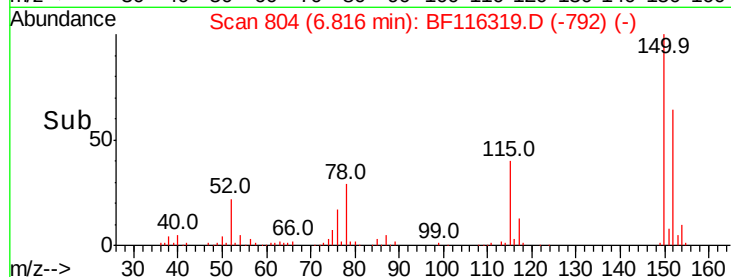
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

Instrument :
BNA_F
ClientSampled :
TP-7

Tot Ion:152 Resp: 102045
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 62.4 49.9 74.9



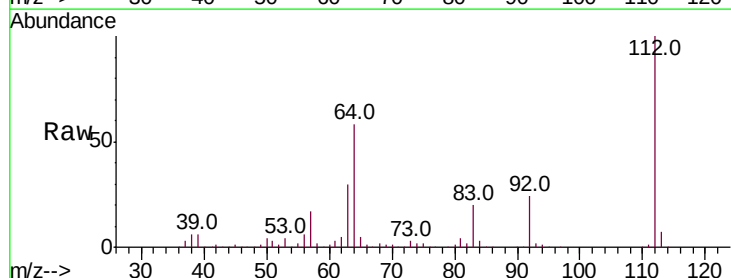
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



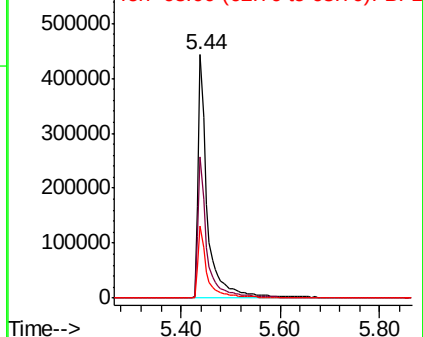
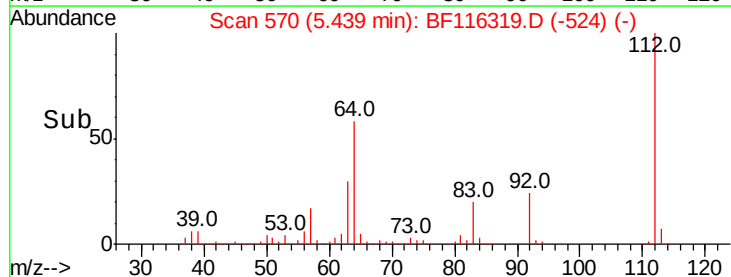
#5

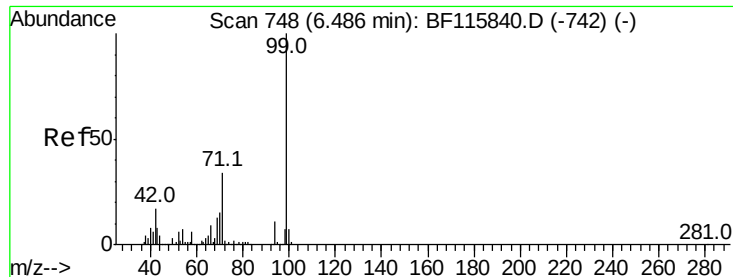
2-Fluorophenol
Concen: 95.330 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

Tgt Ion:112 Resp: 581096
Ion Ratio Lower Upper
112 100
64 57.8 45.4 68.2
63 29.5 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: 97.080 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116319.D

Acq: 16 Aug 2019 13:47

Instrument :

BNA_F

ClientSampleId :

TP-7

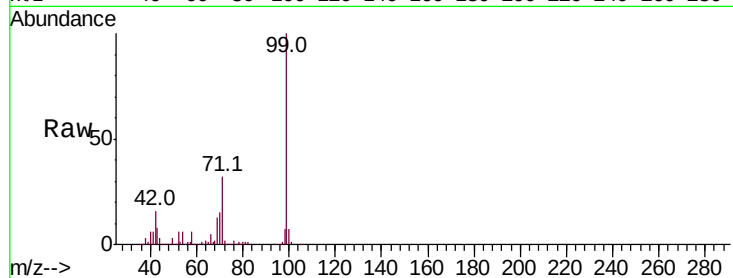
Tot Ion: 99 Resp: 746618

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

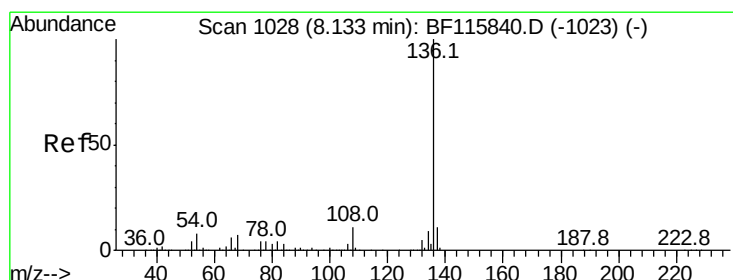
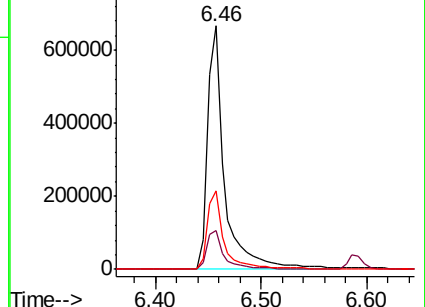
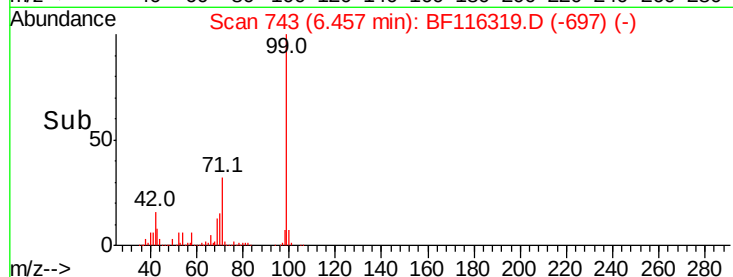
71 32.3 27.3 40.9



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# 1022

Delta R.T. -0.03 min

Lab File: BF116319.D

Acq: 16 Aug 2019 13:47

Tgt Ion: 136 Resp: 406558

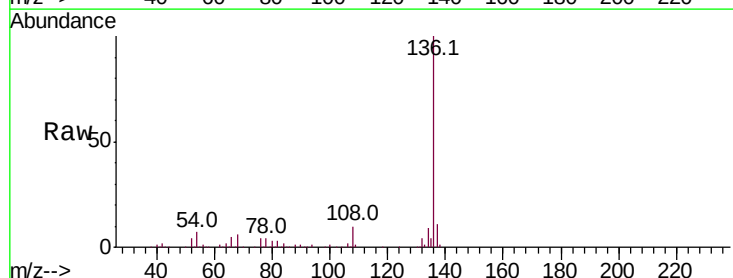
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.0 5.8 8.6

68 6.2 5.2 7.8

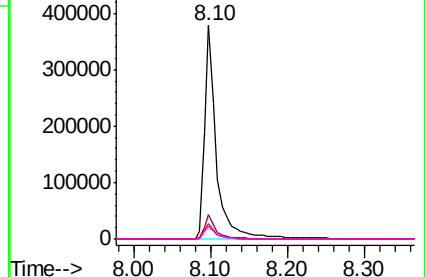
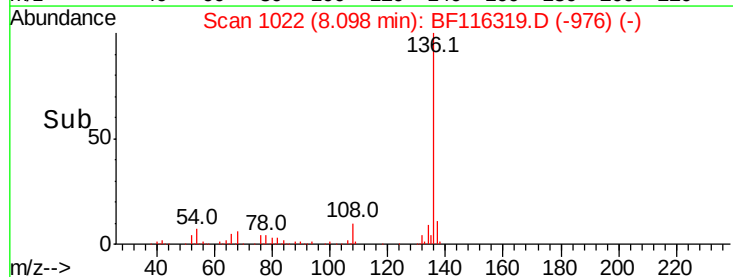


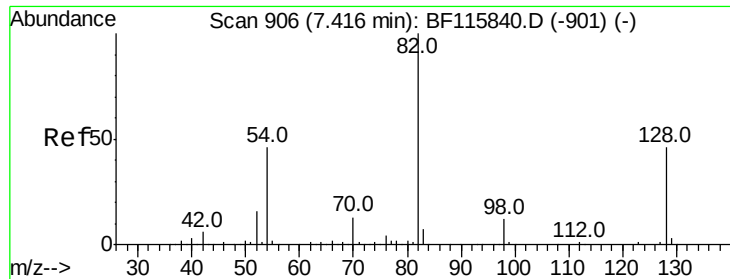
Abundance Ion 136.00 (135.70 to 136.70): E

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

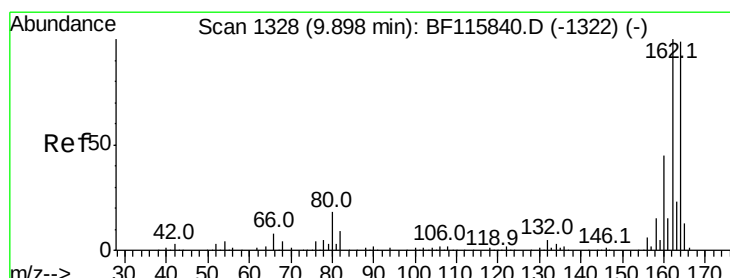
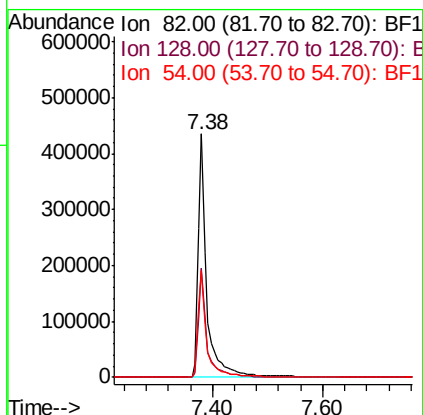
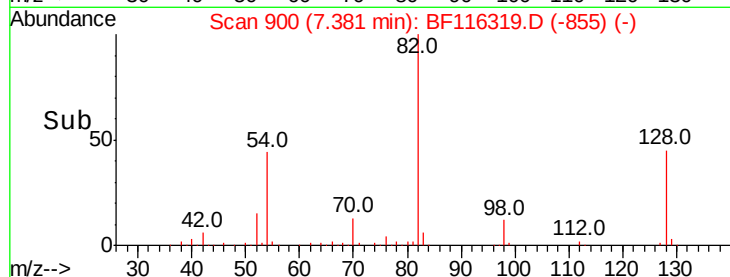
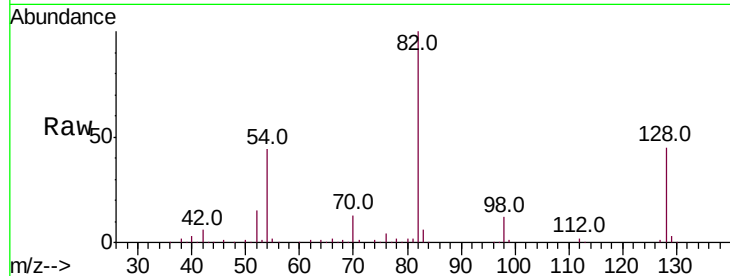




#23
 Nitrobenzene-d5
 Concen: 67.925 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.04 min
 Lab File: BF116319.D
 Acq: 16 Aug 2019 13:47

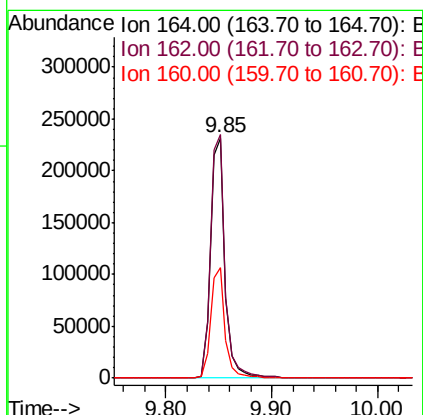
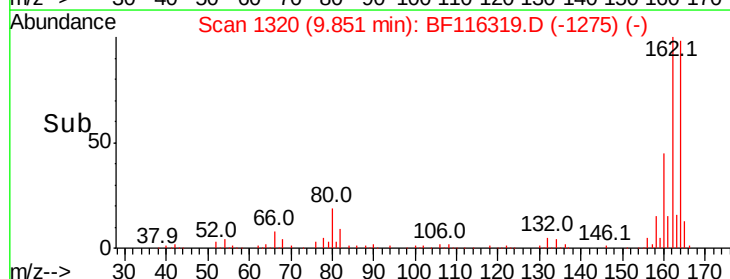
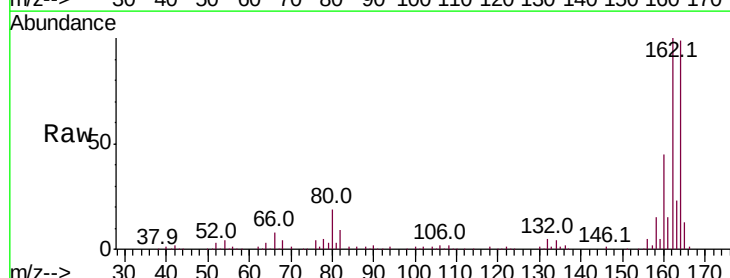
Instrument :
 BNA_F
 ClientSampled :
 TP-7

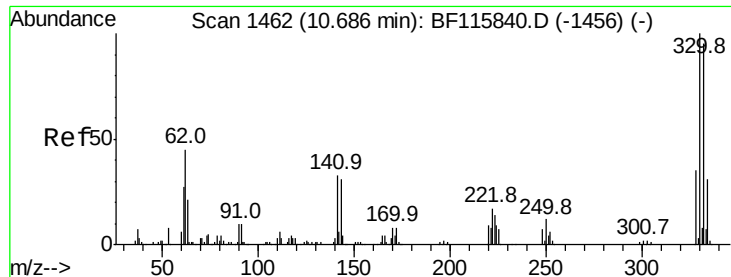
Tot Ion: 82 Resp: 478415
 Ion Ratio Lower Upper
 82 100
 128 45.0 36.5 54.7
 54 43.8 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.04 min
 Lab File: BF116319.D
 Acq: 16 Aug 2019 13:47

Tgt Ion: 164 Resp: 222212
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 124.0
 160 46.0 37.6 56.4

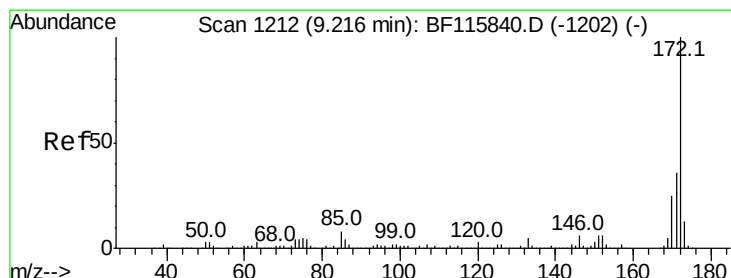
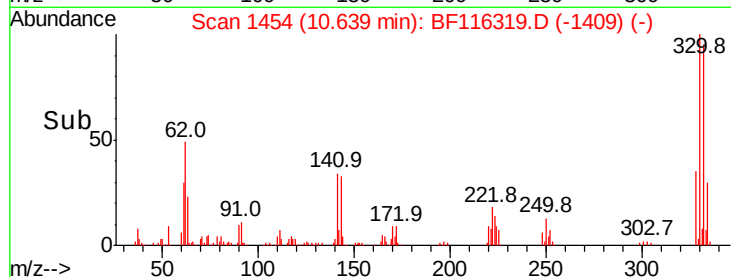
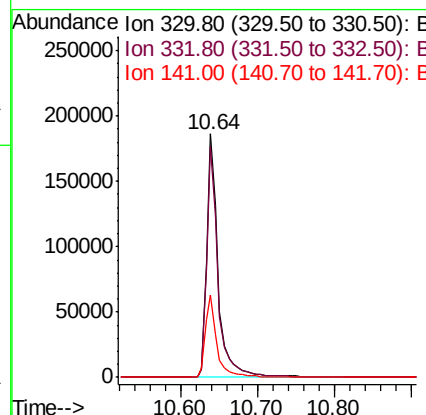
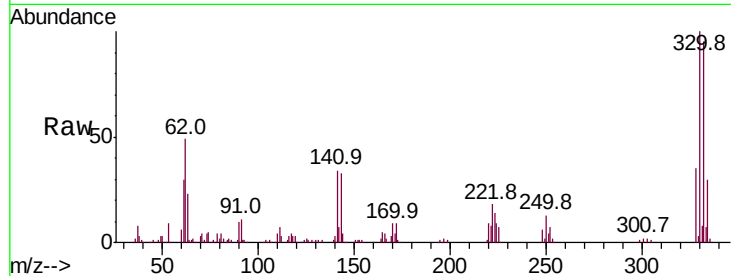




#42
 2,4,6-Tribromophenol
 Concen: 90.035 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116319.D
 Acq: 16 Aug 2019 13:47

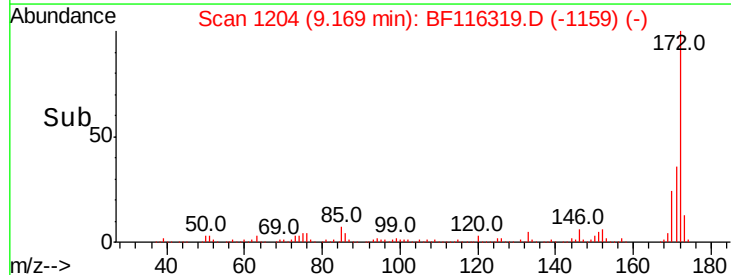
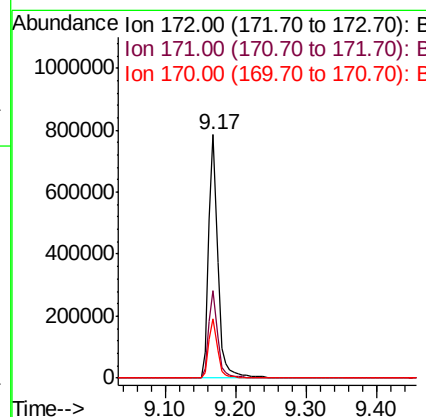
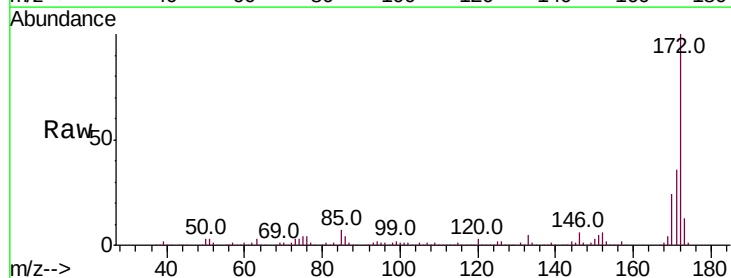
Instrument :
 BNA_F
 ClientSampled :
 TP-7

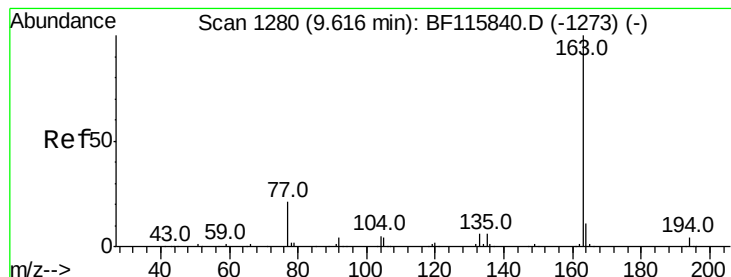
Tot Ion:330 Resp: 193973
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.8 115.2
 141 34.0 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 60.376 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116319.D
 Acq: 16 Aug 2019 13:47

Tgt Ion:172 Resp: 716274
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.2 20.1 30.1





#50

Dimethylphthalate

Concen: 13.386 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116319.D

Acq: 16 Aug 2019 13:47

Instrument :

BNA_F

ClientSampleId :

TP-7

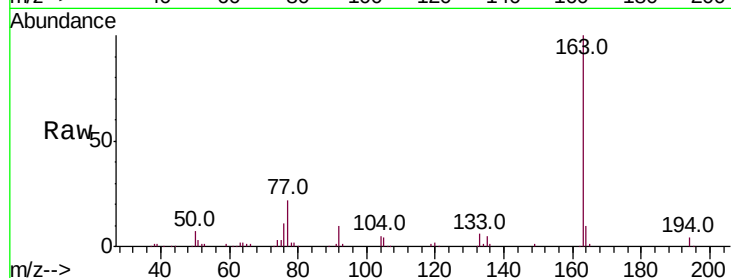
Tot Ion:163 Resp: 202537

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

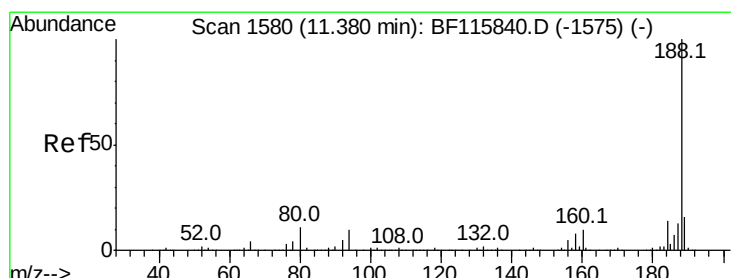
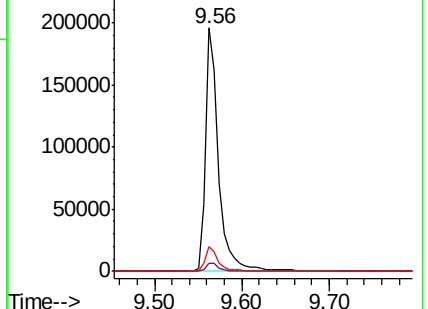
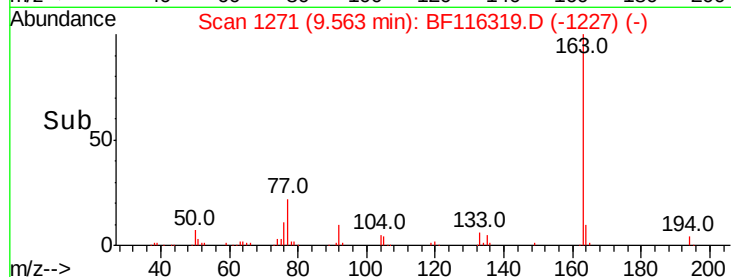
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.04 min

Lab File: BF116319.D

Acq: 16 Aug 2019 13:47

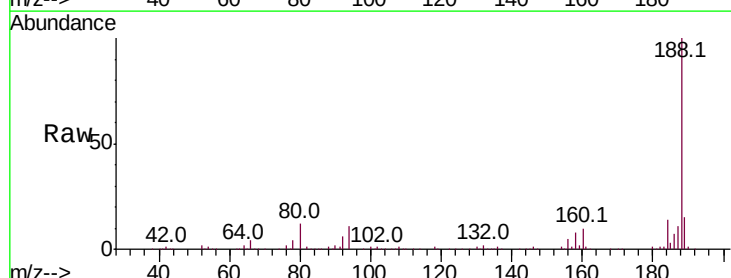
Tgt Ion:188 Resp: 410309

Ion Ratio Lower Upper

188 100

94 10.7 8.1 12.1

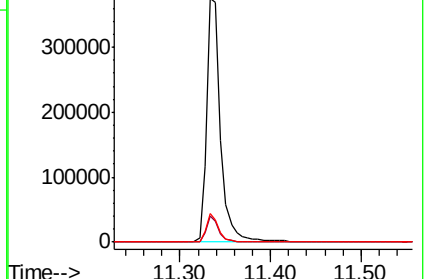
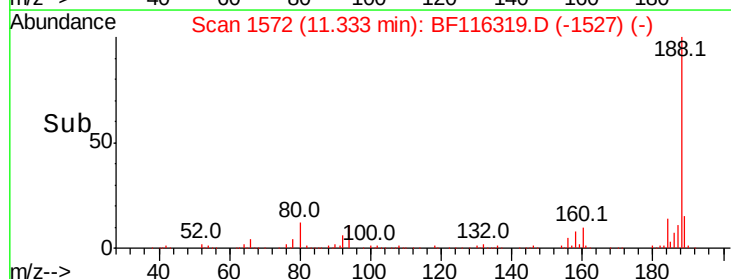
80 11.8 8.7 13.1

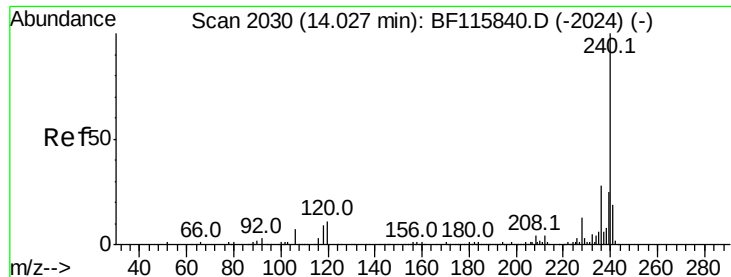


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BF116319.D

Acq: 16 Aug 2019 13:47

Instrument :

BNA_F

ClientSampleId :

TP-7

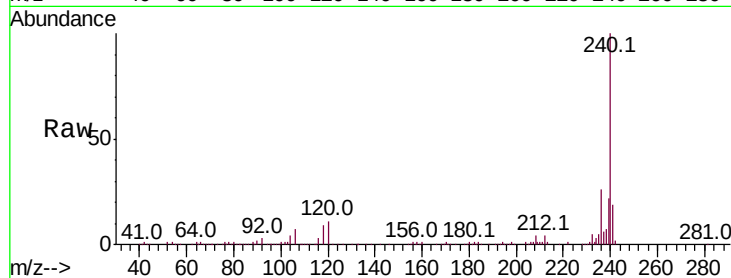
Tot Ion:240 Resp: 292073

Ion Ratio Lower Upper

240 100

120 10.6 10.7 16.1#

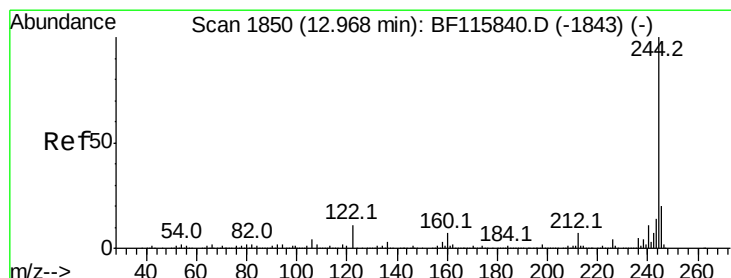
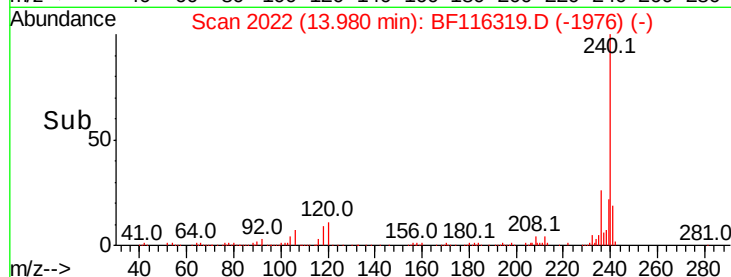
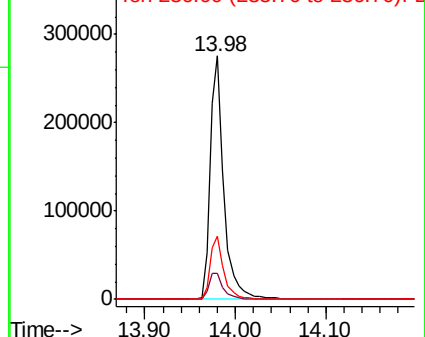
236 25.9 22.2 33.2



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: 51.564 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.04 min

Lab File: BF116319.D

Acq: 16 Aug 2019 13:47

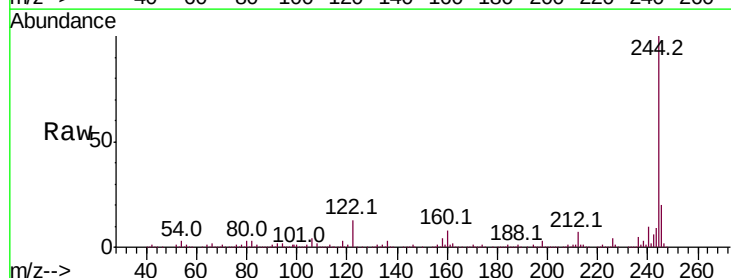
Tgt Ion:244 Resp: 714729

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

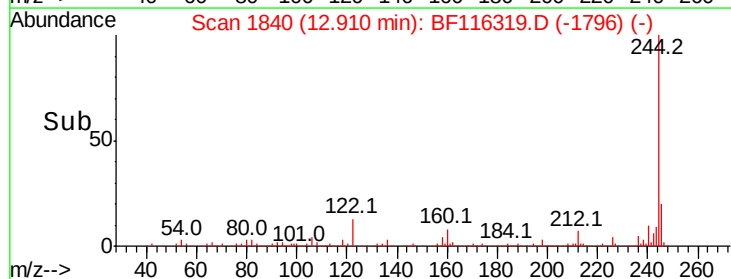
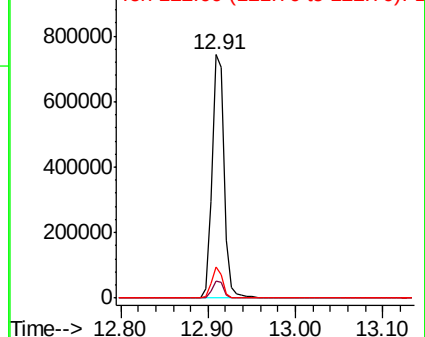
122 12.9 9.0 13.4

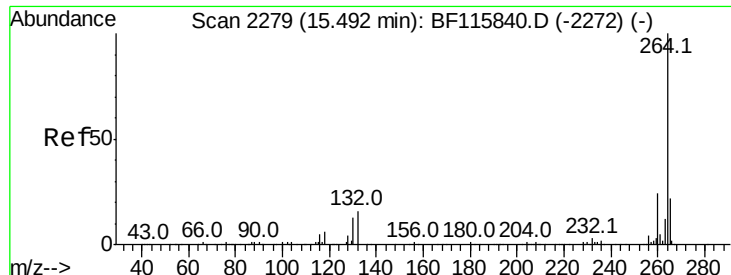


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116319.D
Acq: 16 Aug 2019 13:47

Instrument :
BNA_F
ClientSampleId :
TP-7

Tot Ion:264 Resp: 290755
Ion Ratio Lower Upper
264 100
260 24.1 19.7 29.5
265 21.4 17.4 26.0

