

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116239.D
 Acq On : 13 Aug 2019 19:26
 Operator : HP/JU
 Sample : K4230-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-D1-D4-(1)-COMP

Quant Time: Aug 14 01:15:57 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	141822	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	555779	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	298713	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	563689	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	464744	20.00	ng	0.00
87) Perylene-d12	15.47	264	420271	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	973186	114.87	ng	0.00
7) Phenol-d6	6.47	99	1153925	107.96	ng	-0.01
23) Nitrobenzene-d5	7.40	82	905387	94.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	403924	139.47	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1451733	91.03	ng	-0.01
79) Terphenyl-d14	12.95	244	1835258	83.21	ng	0.00

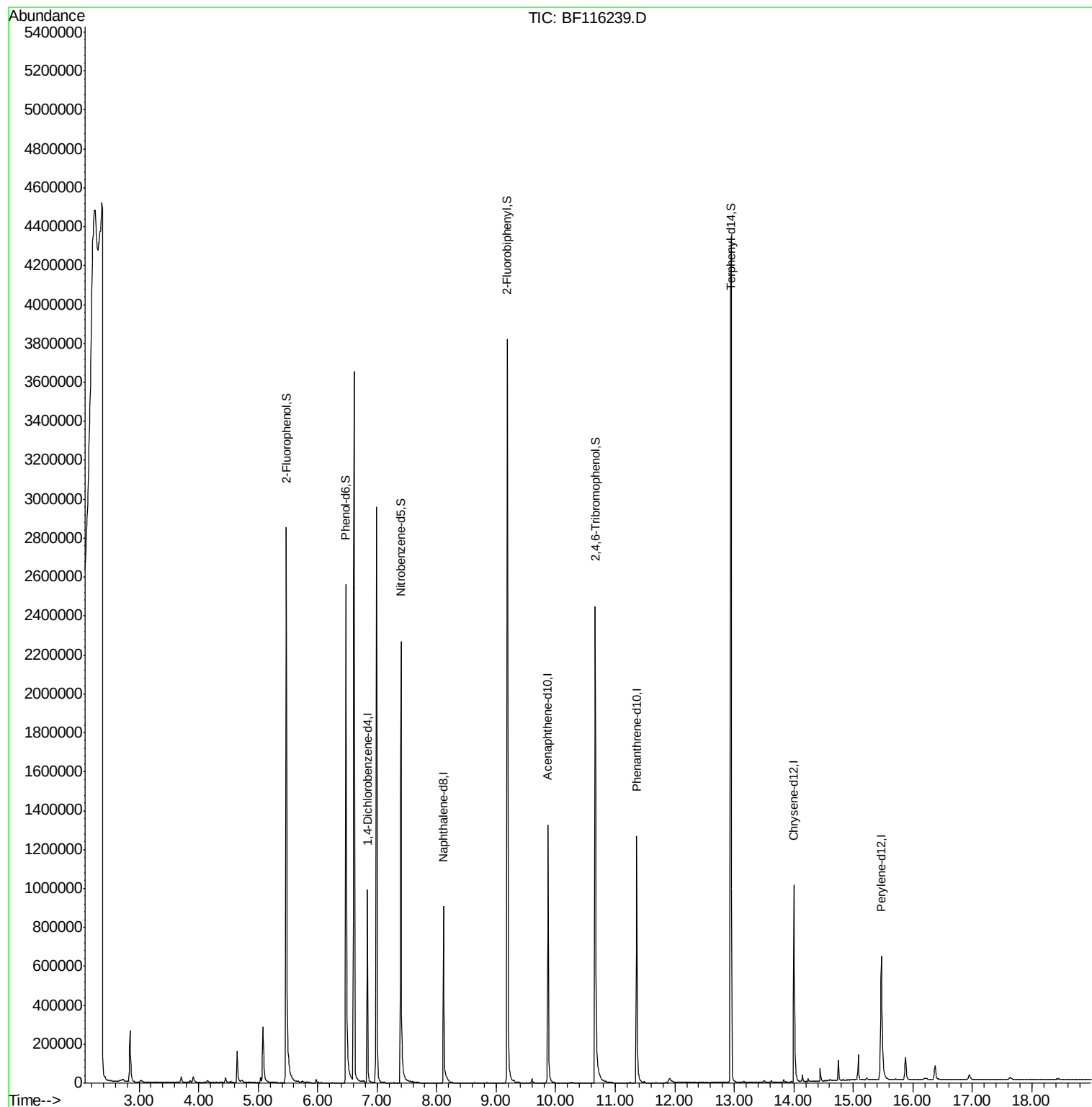
Target Compounds Qvalue

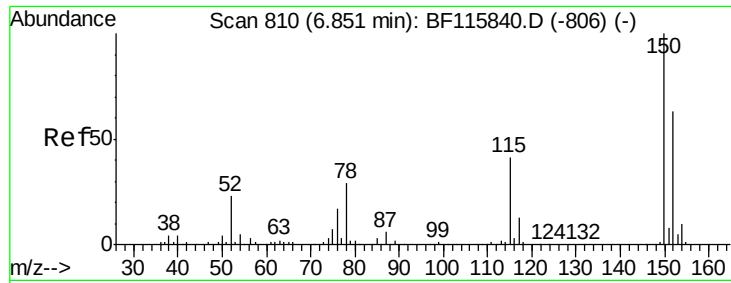
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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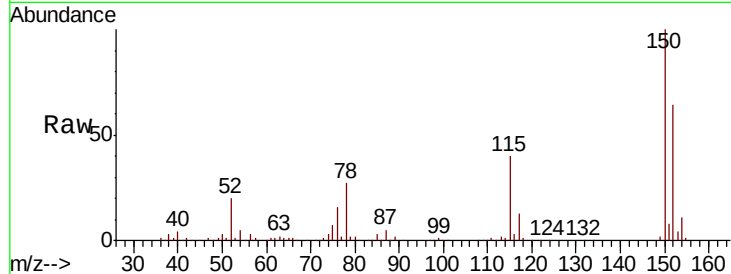


#1

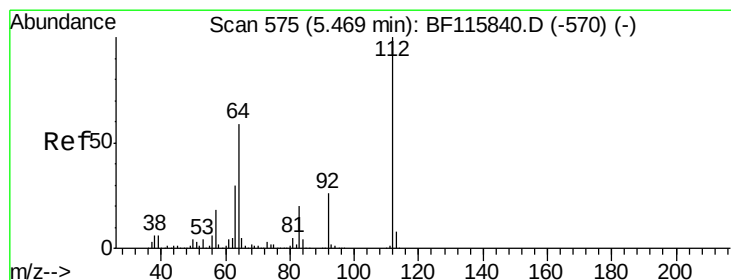
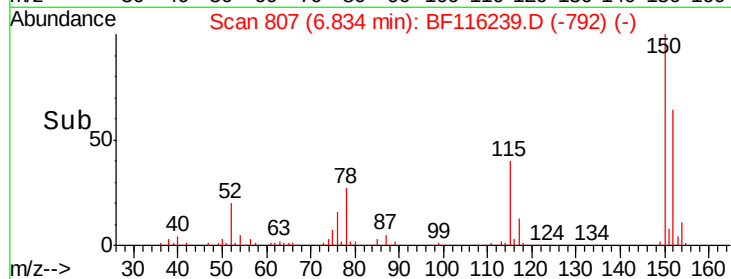
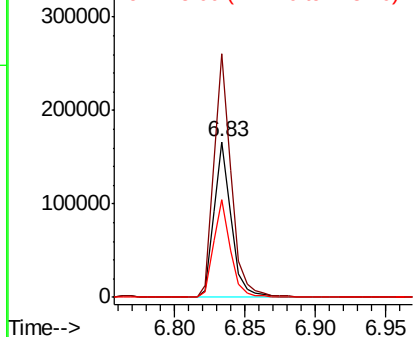
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

Instrument :
 BNA_F
 ClientSampleId :
 2S-D1-D4-(1)-COMP

Tot Ion:152 Resp: 141822
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 62.6 49.9 74.9



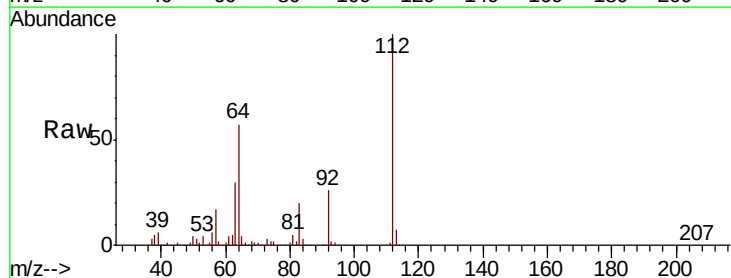
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



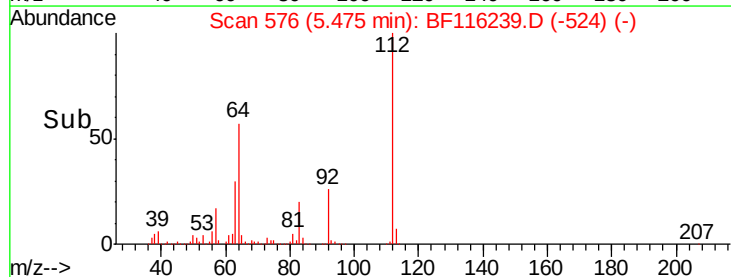
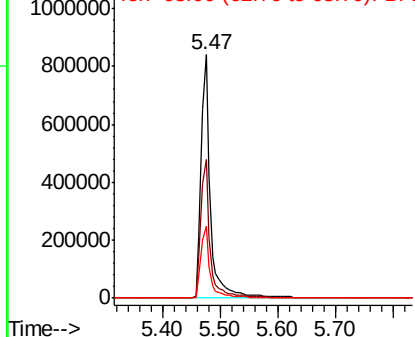
#5

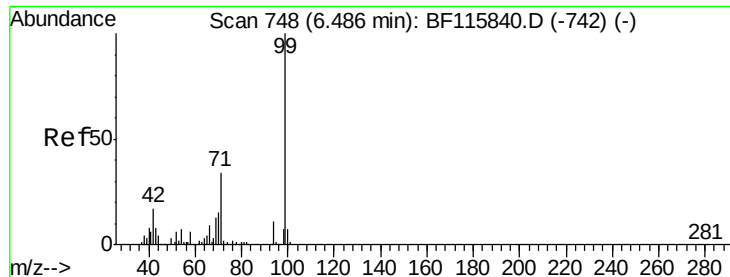
2-Fluorophenol
 Concen: 114.875 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

Tgt Ion:112 Resp: 973186
 Ion Ratio Lower Upper
 112 100
 64 56.9 45.4 68.2
 63 29.6 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: 107.959 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116239.D

Acq: 13 Aug 2019 19:26

Instrument :

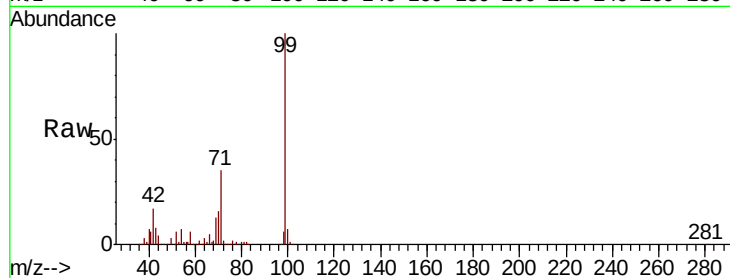
BNA_F

ClientSampleId :

2S-D1-D4-(1)-COMP

Tot Ion: 99 Resp: 1153925

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.8	20.8
71	34.7	27.3	40.9

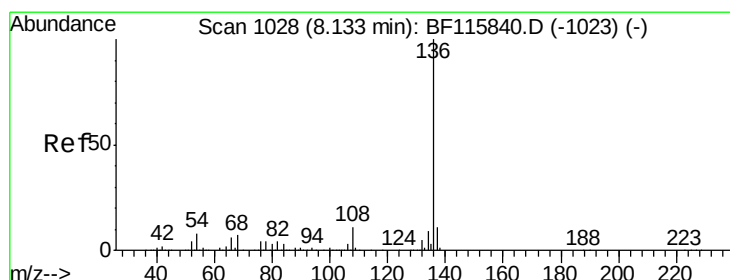
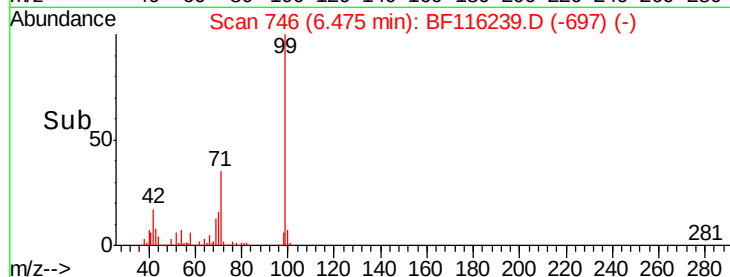
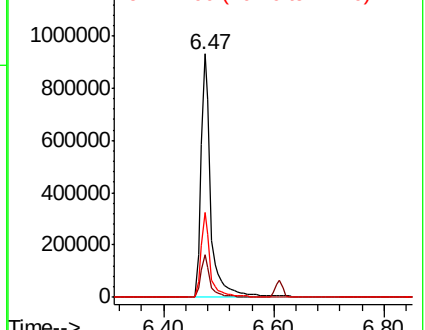


Abundance

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: 8.12 min Scan# 1025

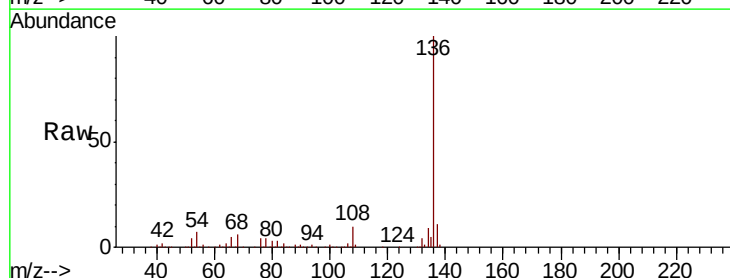
Delta R.T. -0.01 min

Lab File: BF116239.D

Acq: 13 Aug 2019 19:26

Tgt Ion: 136 Resp: 555779

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.7	5.8	8.6
68	5.9	5.2	7.8



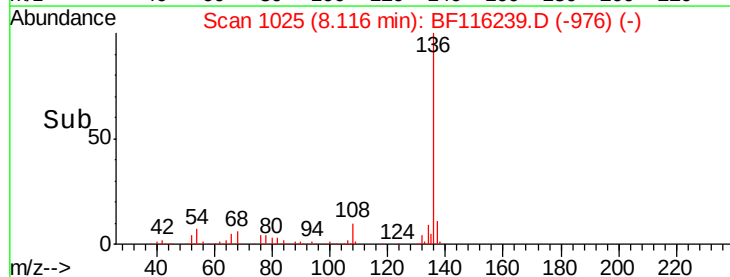
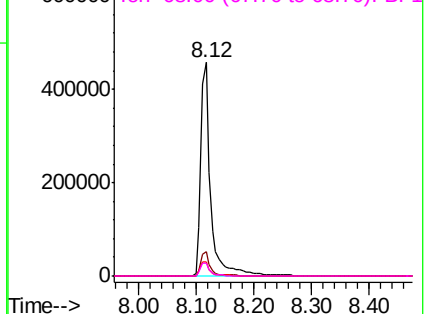
Abundance

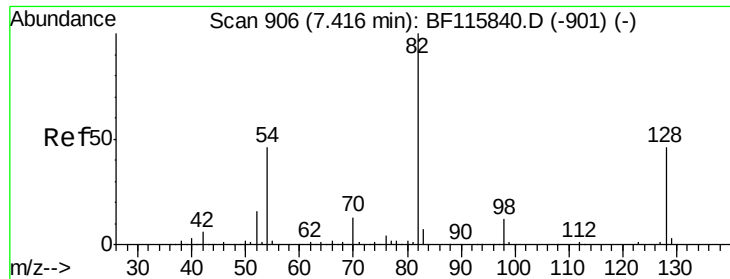
Ion 136.00 (135.70 to 136.70): E

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

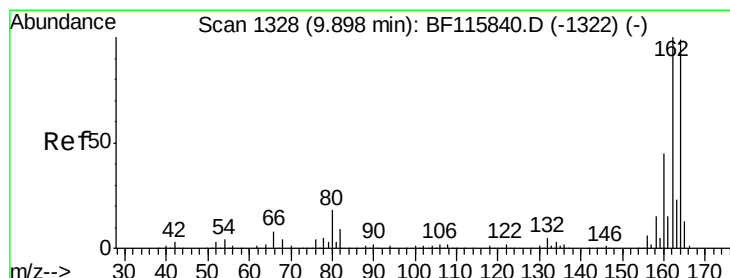
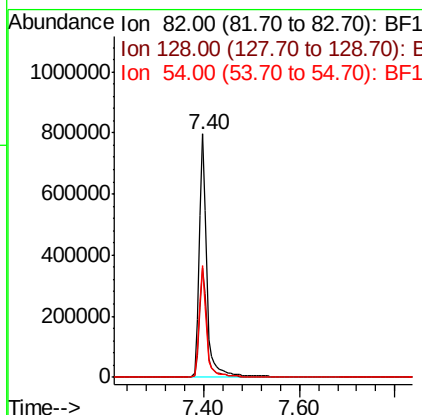
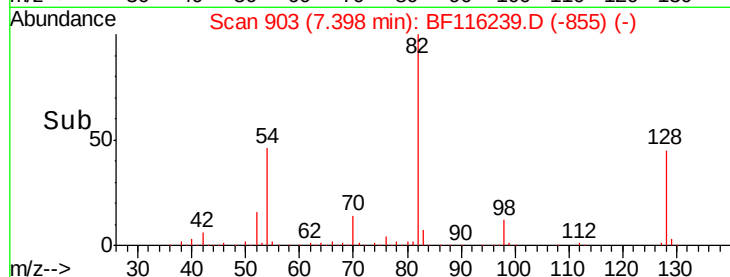
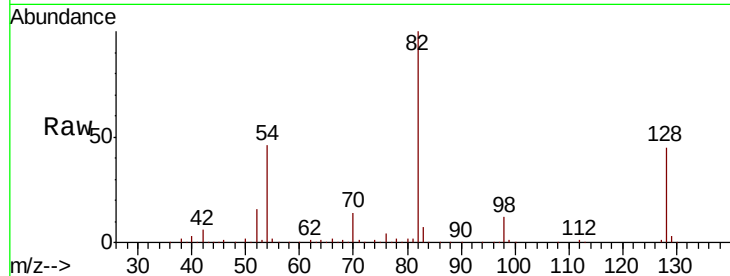




#23
Nitrobenzene-d5
Concen: 94.033 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116239.D
Acq: 13 Aug 2019 19:26

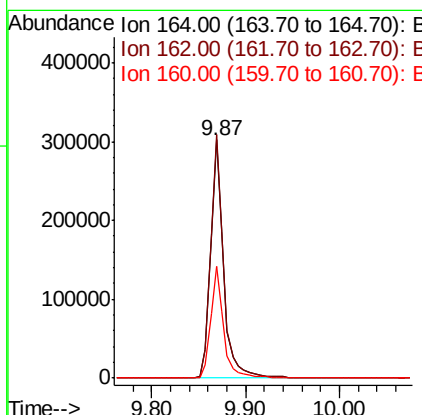
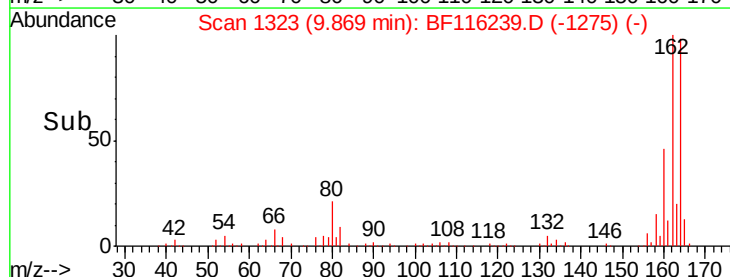
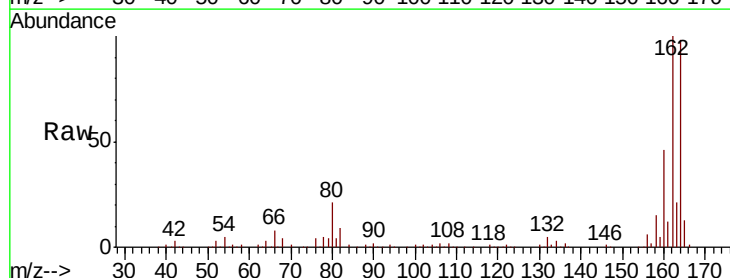
Instrument :
BNA_F
ClientSampleId :
2S-D1-D4-(1)-COMP

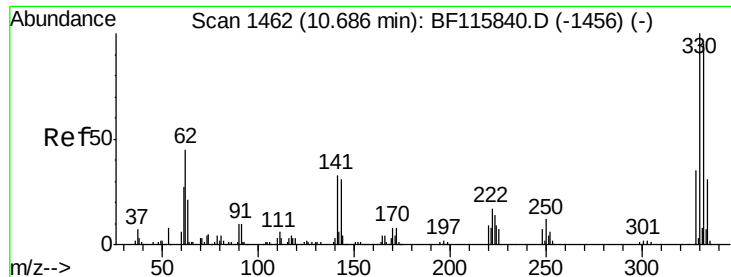
Tot Ion: 82 Resp: 905387
Ion Ratio Lower Upper
82 100
128 44.8 36.5 54.7
54 45.8 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116239.D
Acq: 13 Aug 2019 19:26

Tgt Ion: 164 Resp: 298713
Ion Ratio Lower Upper
164 100
162 102.3 82.6 124.0
160 46.7 37.6 56.4

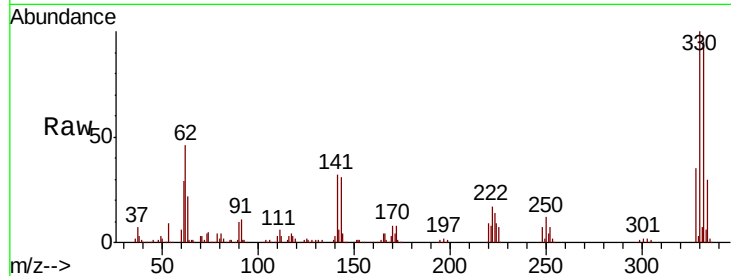




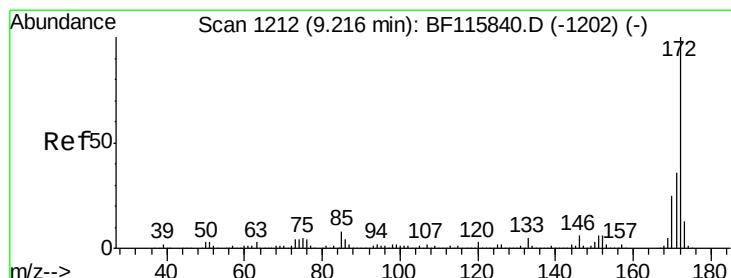
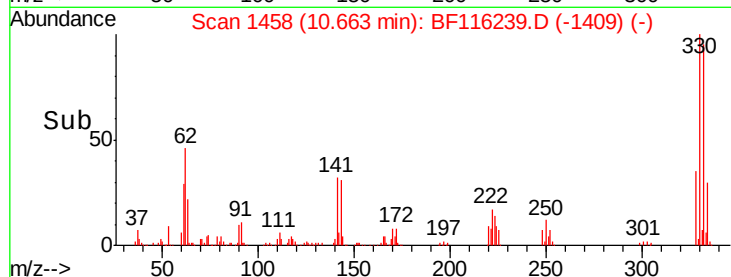
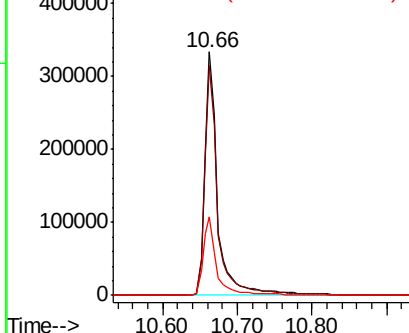
#42
 2,4,6-Tribromophenol
 Concen: 139.471 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

Instrument :
 BNA_F
 ClientSampleId :
 2S-D1-D4-(1)-COMP

Tot Ion:330 Resp: 403924
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.8 115.2
 141 33.7 26.3 39.5

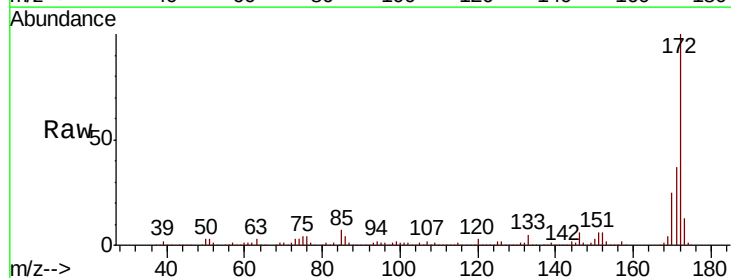


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

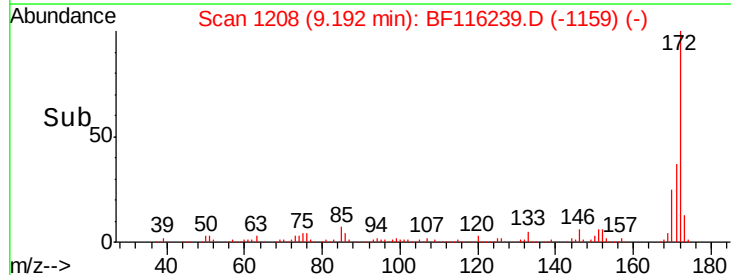
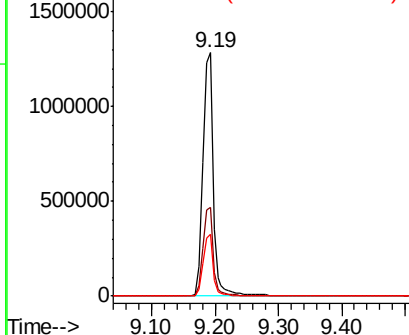


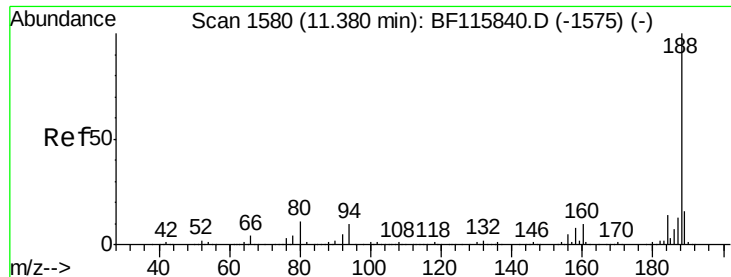
#45
 2-Fluorobiphenyl
 Concen: 91.031 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

Tgt Ion:172 Resp: 1451733
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

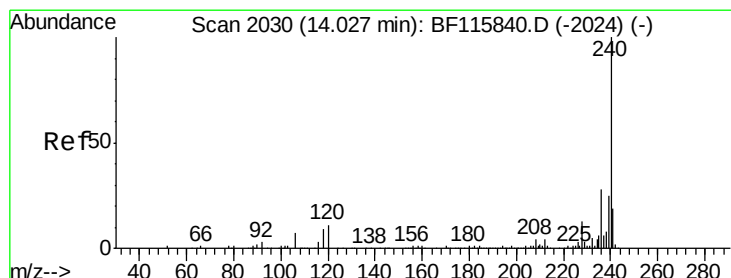
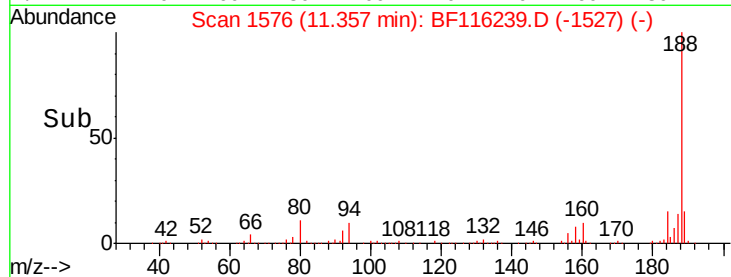
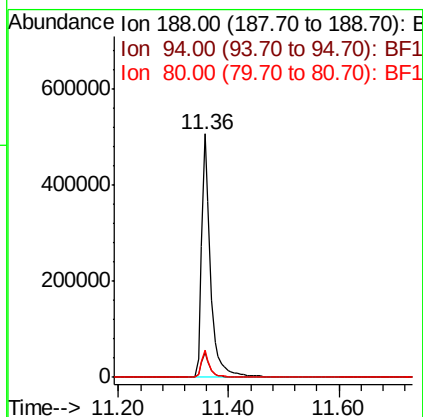
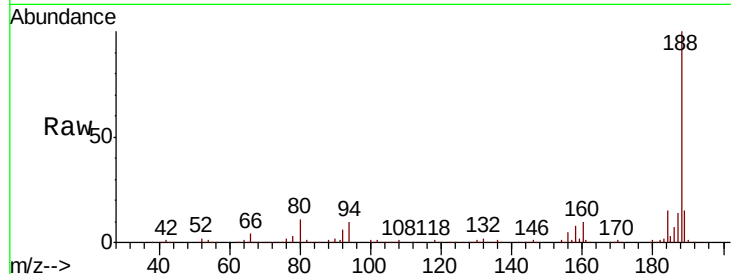




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

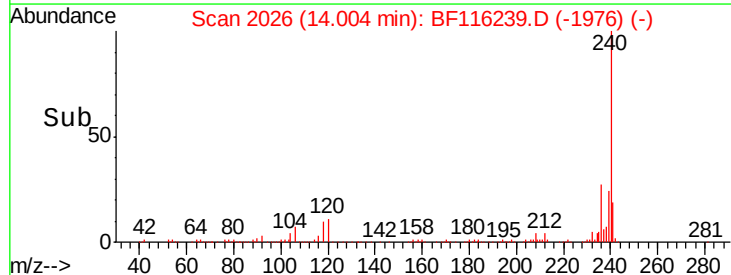
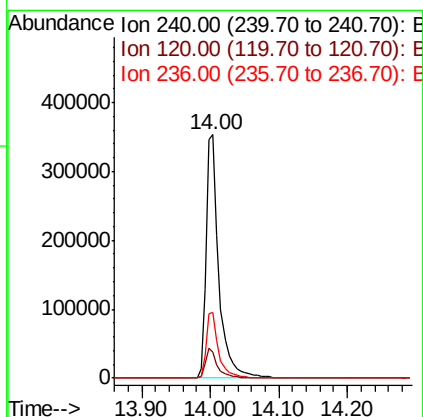
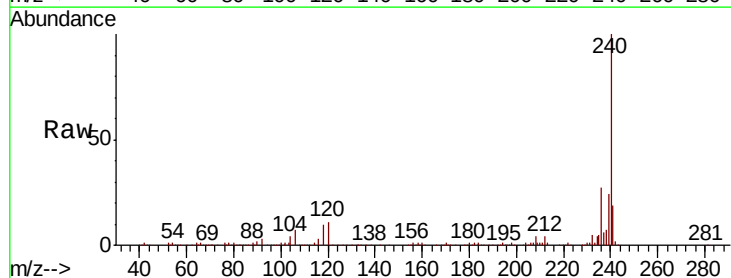
Instrument :
 BNA_F
 ClientSampleId :
 2S-D1-D4-(1)-COMP

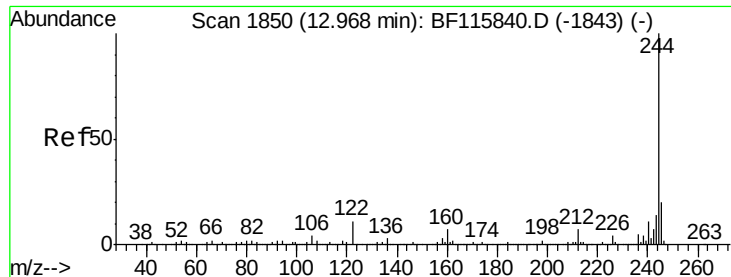
Tot Ion:188 Resp: 563689
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.1 12.1
 80 11.0 8.7 13.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116239.D
 Acq: 13 Aug 2019 19:26

Tgt Ion:240 Resp: 464744
 Ion Ratio Lower Upper
 240 100
 120 10.8 10.7 16.1
 236 27.0 22.2 33.2





#79

Terphenyl-d14

Concen: 83.211 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116239.D

Acq: 13 Aug 2019 19:26

Instrument :

BNA_F

ClientSampleId :

2S-D1-D4-(1)-COMP

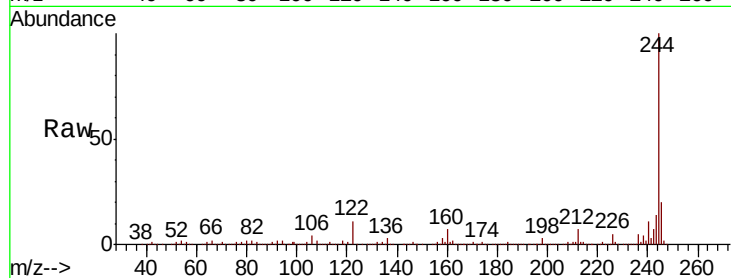
Tot Ion:244 Resp: 1835258

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

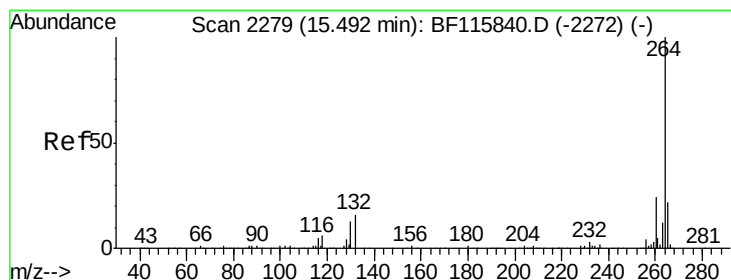
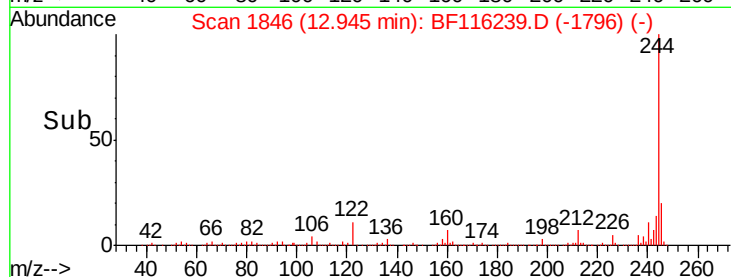
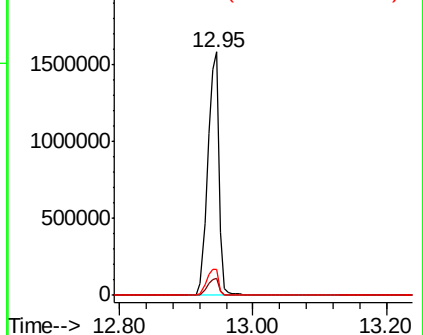
122 10.6 9.0 13.4



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: BF116239.D

Acq: 13 Aug 2019 19:26

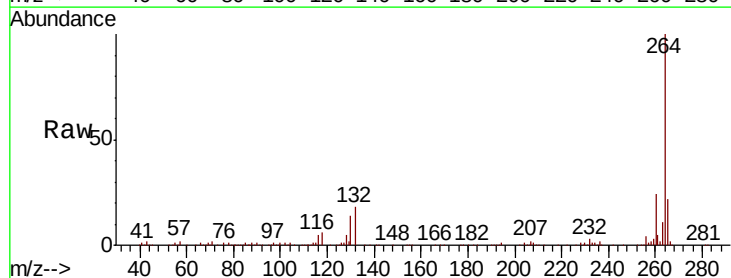
Tgt Ion:264 Resp: 420271

Ion Ratio Lower Upper

264 100

260 23.9 19.7 29.5

265 21.8 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

