

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116256.D
 Acq On : 14 Aug 2019 3:04
 Operator : HP/JU
 Sample : K4096-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081219

Quant Time: Aug 14 05:42:58 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	138145	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	581413	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	306404	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	520440	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	340986	20.00	ng	0.00
87) Perylene-d12	15.47	264	333110	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	114712	13.90	ng	0.01
7) Phenol-d6	6.50	99	159814	15.35	ng	0.02
23) Nitrobenzene-d5	7.41	82	102121	10.14	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	39819	13.40	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	217708	13.31	ng	-0.01
79) Terphenyl-d14	12.93	244	216900	13.40	ng	-0.02

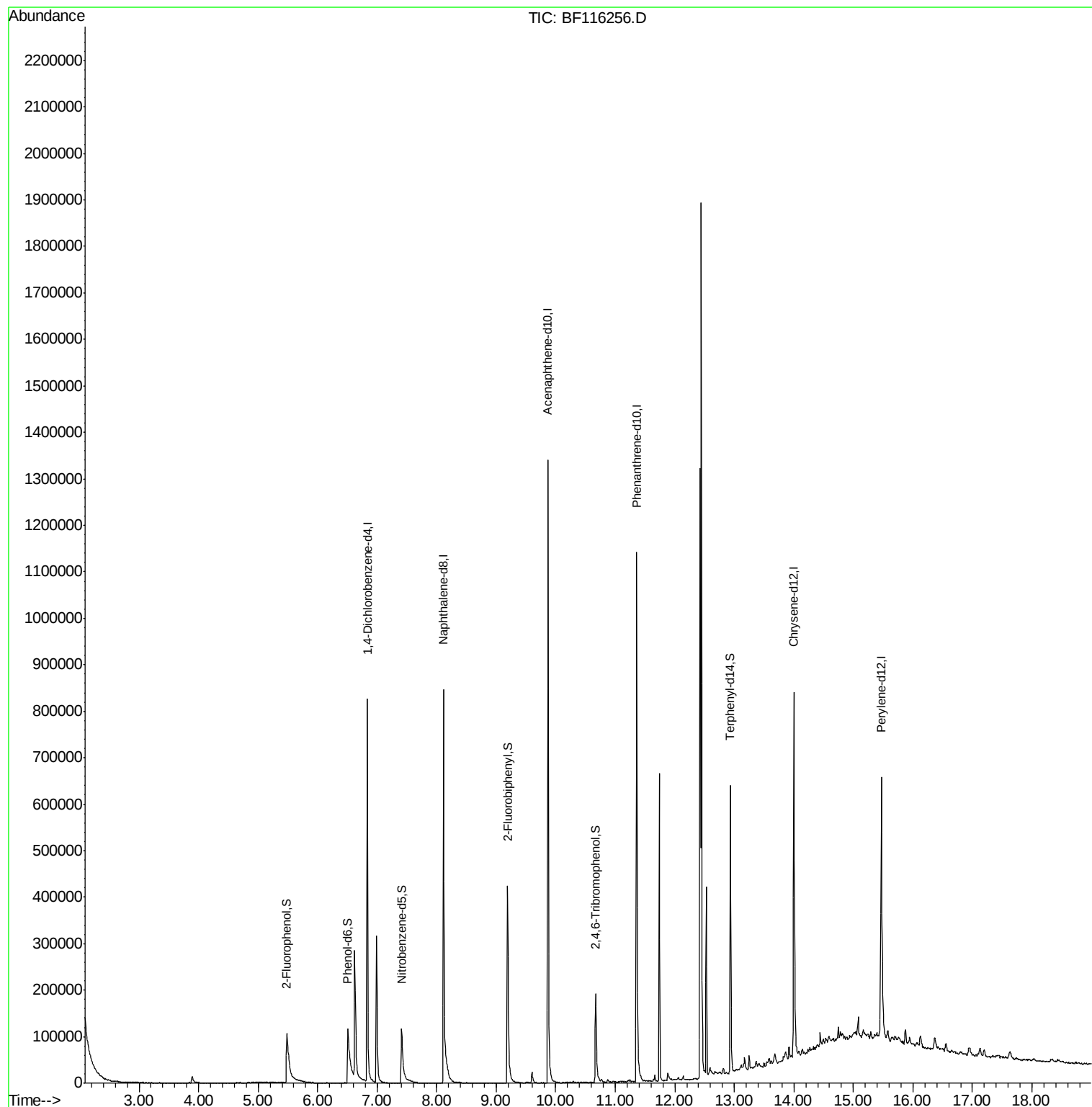
Target Compounds Qvalue

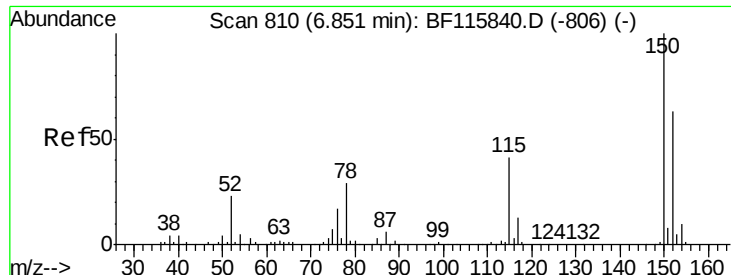
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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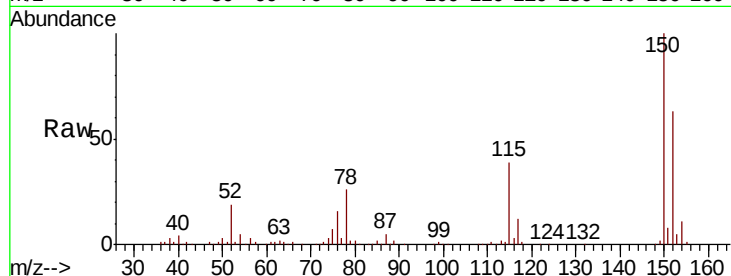


#1

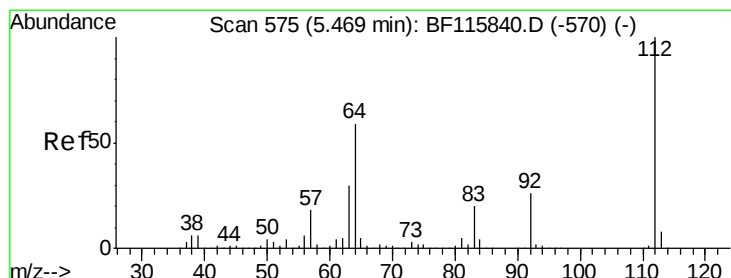
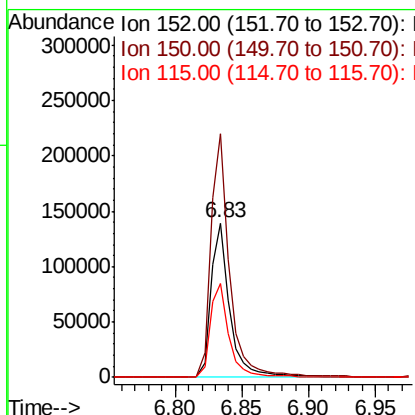
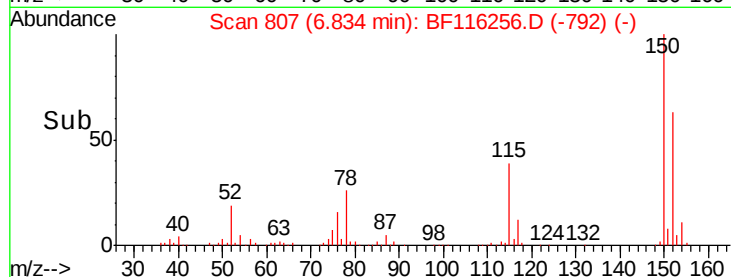
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116256.D
Acq: 14 Aug 2019 3:04

Instrument :
BNA_F
ClientSampleId :
TR-04-081219

Tot Ion:152 Resp: 138145
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 61.3 49.9 74.9



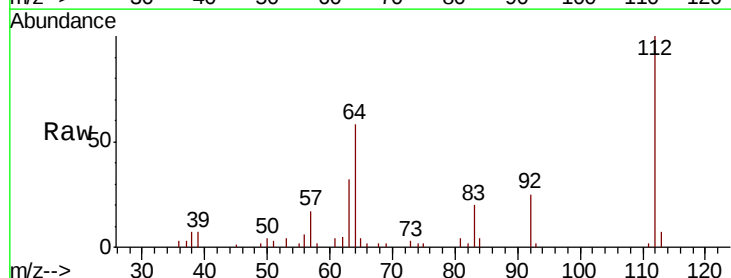
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



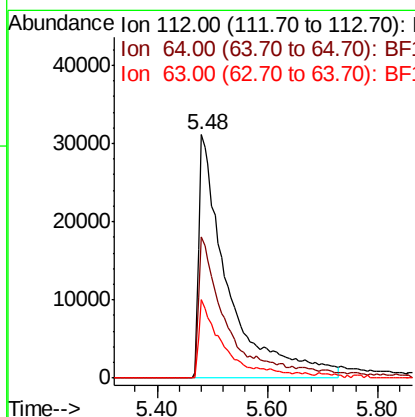
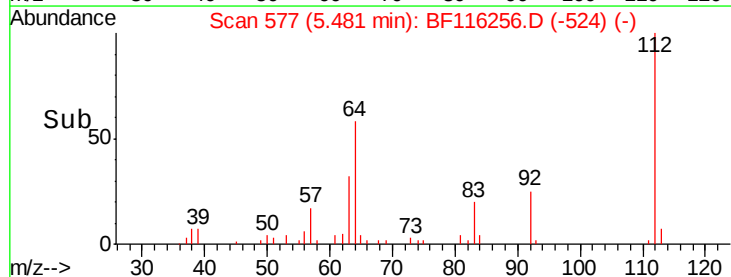
#5

2-Fluorophenol
Concen: 13.901 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116256.D
Acq: 14 Aug 2019 3:04

Tgt Ion:112 Resp: 114712
Ion Ratio Lower Upper
112 100
64 58.0 45.4 68.2
63 32.2 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: 15.350 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF116256.D

Acq: 14 Aug 2019 3:04

Instrument :

BNA_F

ClientSampleId :

TR-04-081219

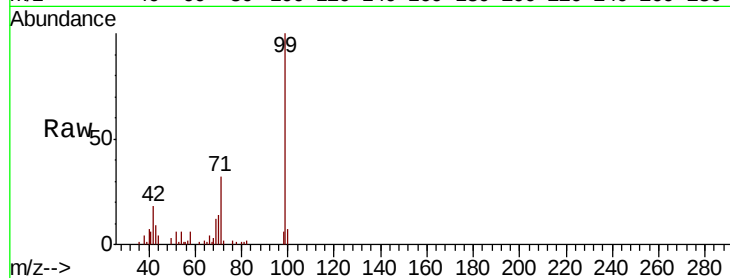
Tot Ion: 99 Resp: 159814

Ion Ratio Lower Upper

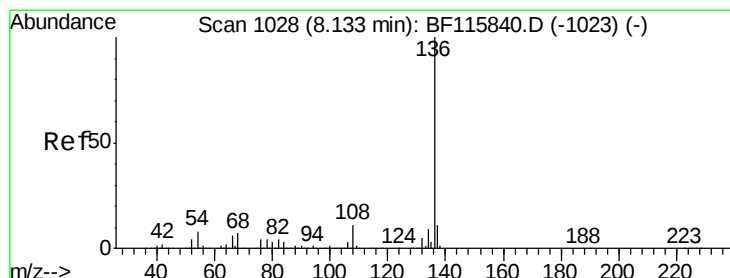
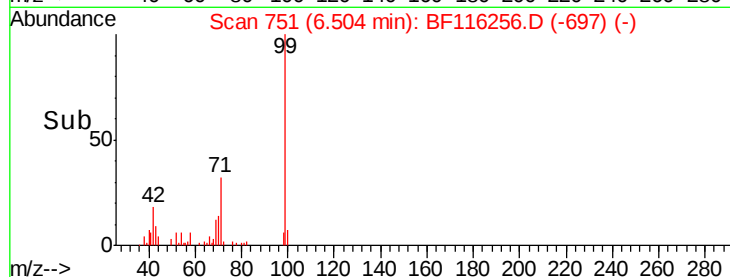
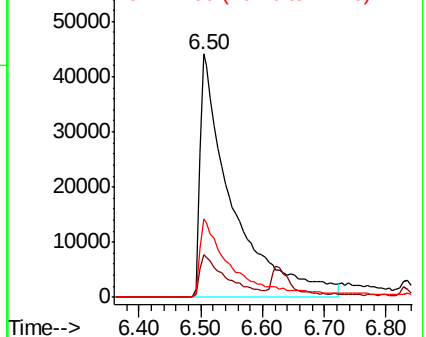
99 100

42 17.8 13.8 20.8

71 32.0 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: BF116256.D

Acq: 14 Aug 2019 3:04

Tgt Ion: 136 Resp: 581413

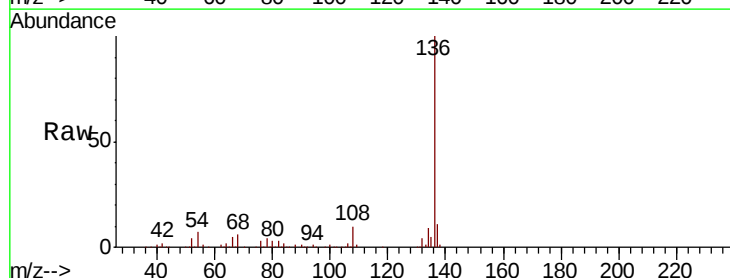
Ion Ratio Lower Upper

136 100

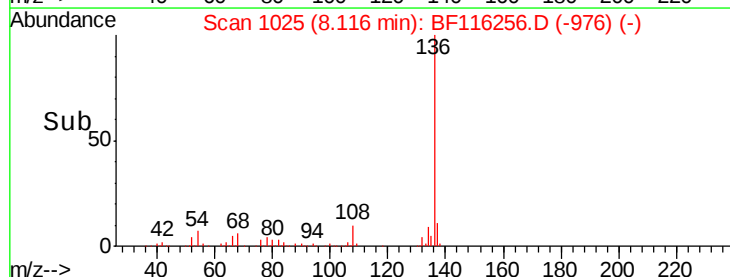
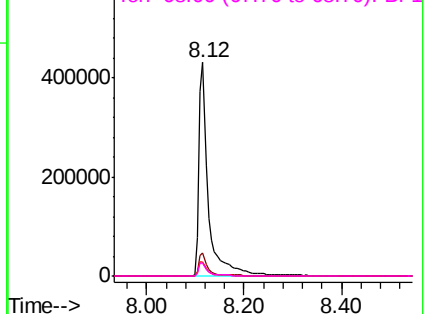
137 10.9 9.0 13.4

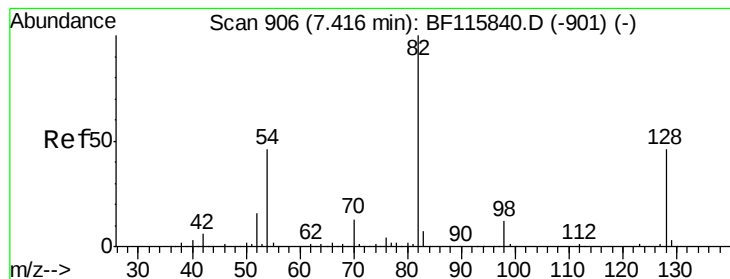
54 6.6 5.8 8.6

68 6.0 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: 10.139 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF116256.D

Acq: 14 Aug 2019 3:04

Instrument :

BNA_F

ClientSampleId :

TR-04-081219

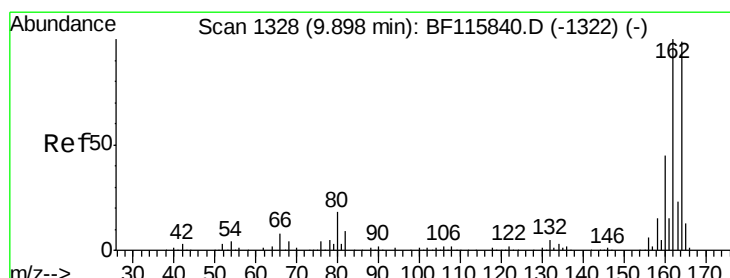
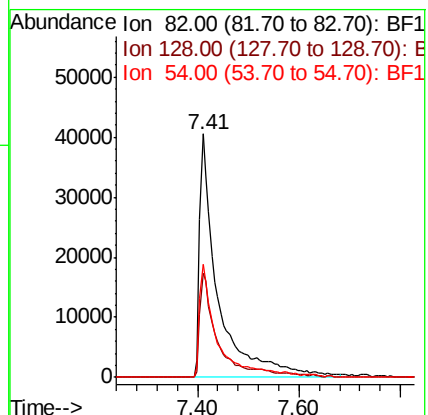
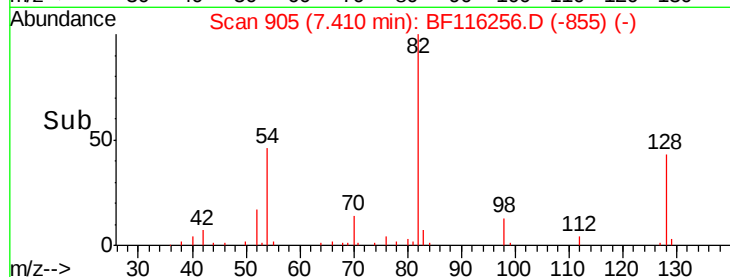
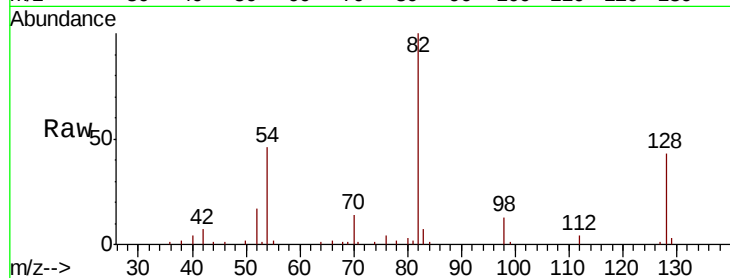
Tot Ion: 82 Resp: 102121

Ion Ratio Lower Upper

82 100

128 42.9 36.5 54.7

54 46.3 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: BF116256.D

Acq: 14 Aug 2019 3:04

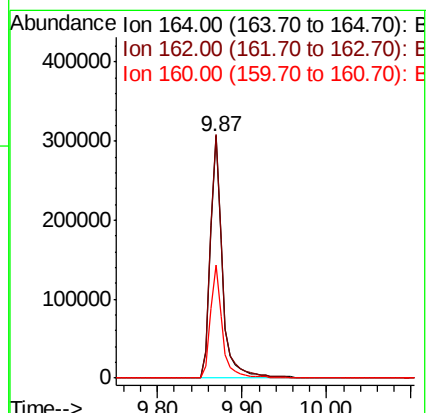
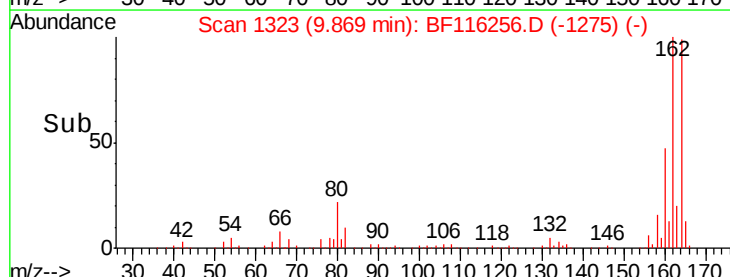
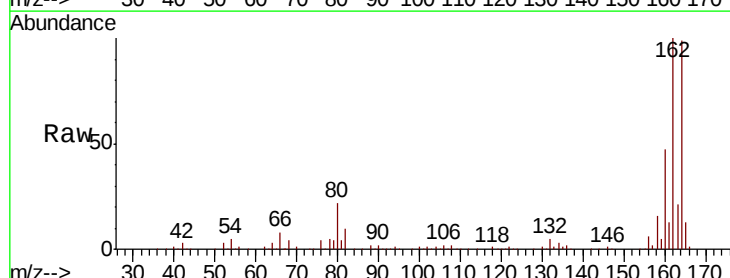
Tgt Ion: 164 Resp: 306404

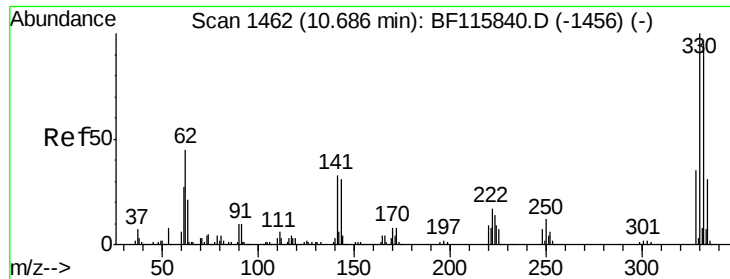
Ion Ratio Lower Upper

164 100

162 100.5 82.6 124.0

160 46.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 13.404 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116256.D

Acq: 14 Aug 2019 3:04

Instrument :

BNA_F

ClientSampleId :

TR-04-081219

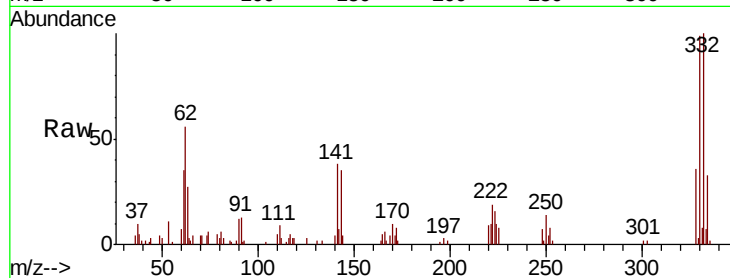
Tot Ion:330 Resp: 39819

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

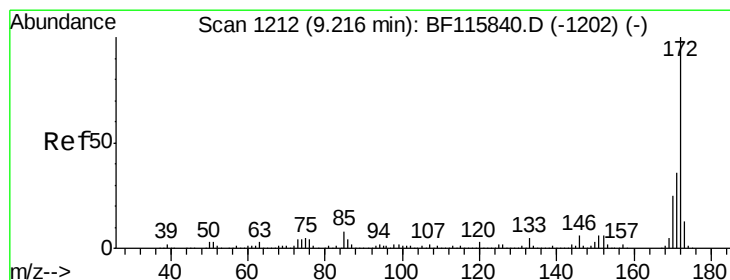
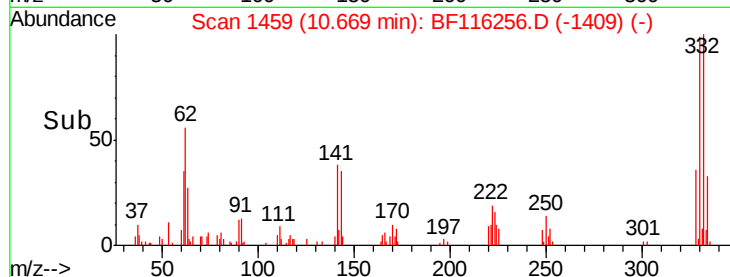
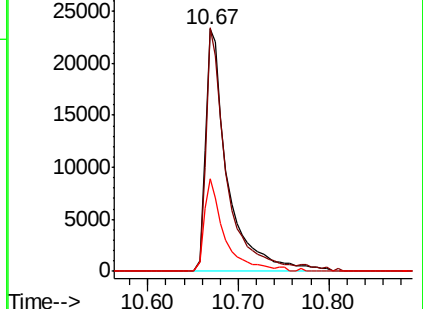
141 34.8 26.3 39.5



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: 13.309 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116256.D

Acq: 14 Aug 2019 3:04

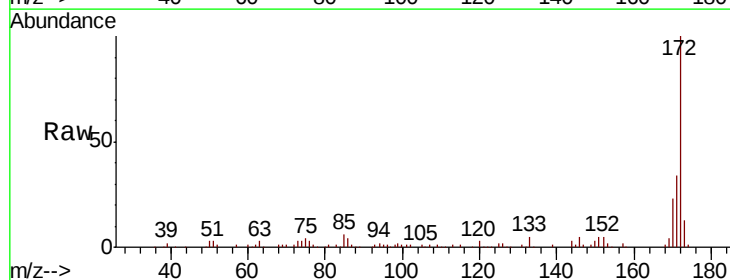
Tgt Ion:172 Resp: 217708

Ion Ratio Lower Upper

172 100

171 34.4 29.6 44.4

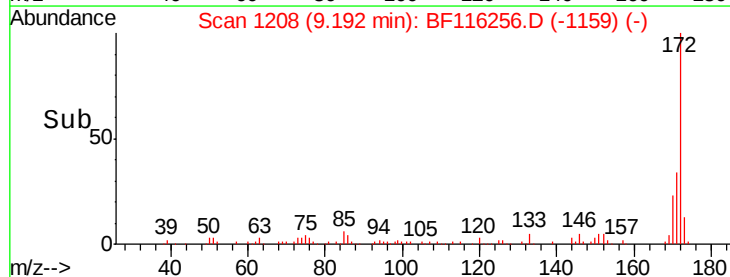
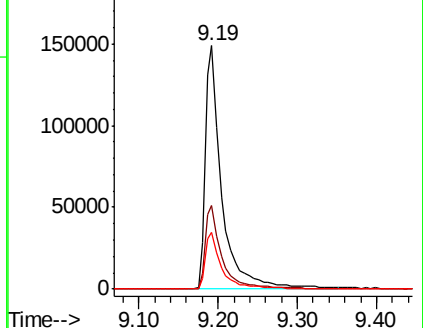
170 23.1 20.1 30.1

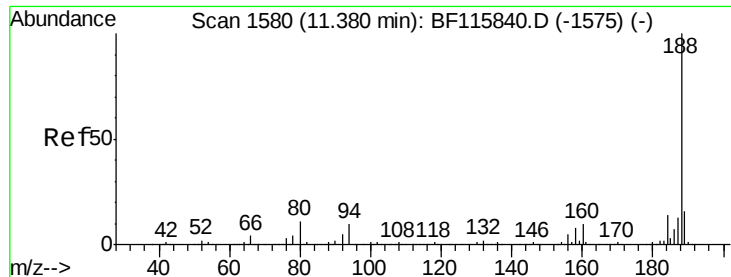


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

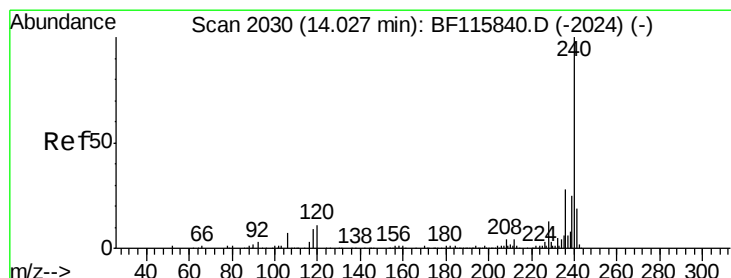
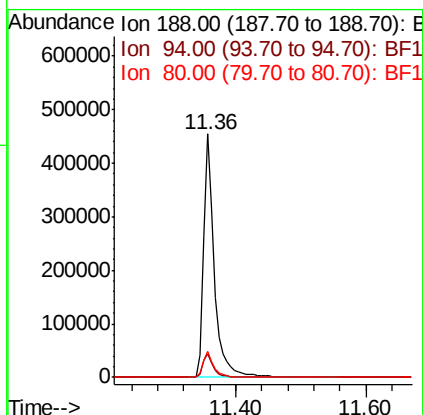
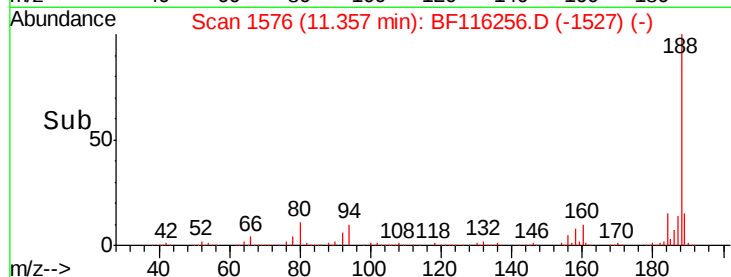
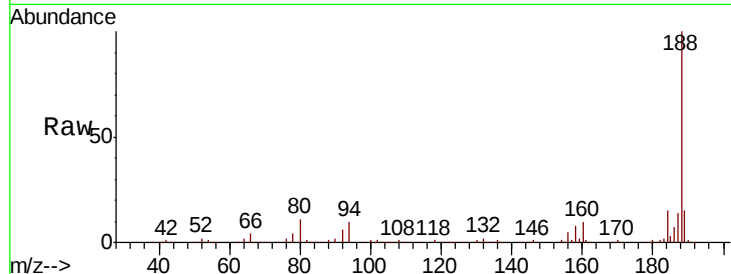




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116256.D
Acq: 14 Aug 2019 3:04

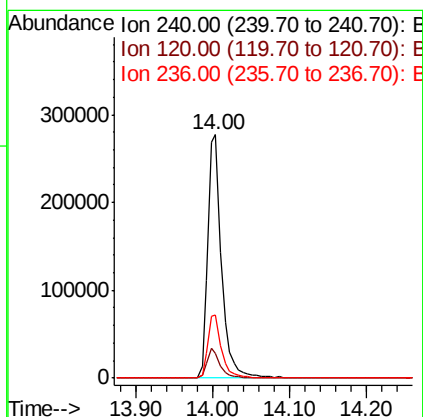
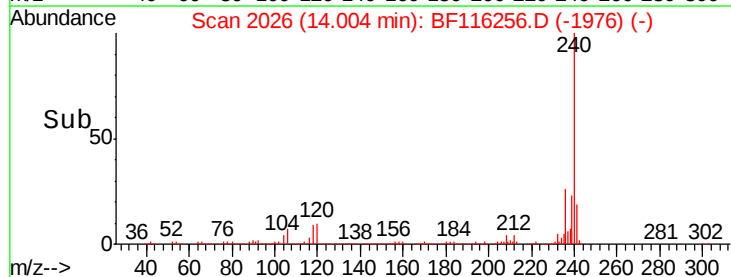
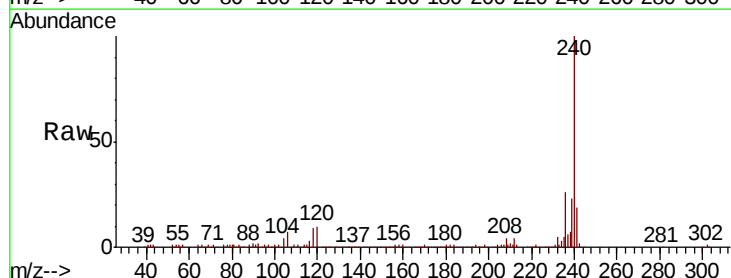
Instrument :
BNA_F
ClientSampleId :
TR-04-081219

Tot Ion:188 Resp: 520440
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.6 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: BF116256.D
Acq: 14 Aug 2019 3:04

Tgt Ion:240 Resp: 340986
Ion Ratio Lower Upper
240 100
120 10.3 10.7 16.1#
236 26.1 22.2 33.2





#79

Terphenyl-d14

Concen: 13.404 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF116256.D

Acq: 14 Aug 2019 3:04

Instrument :

BNA_F

ClientSampleId :

TR-04-081219

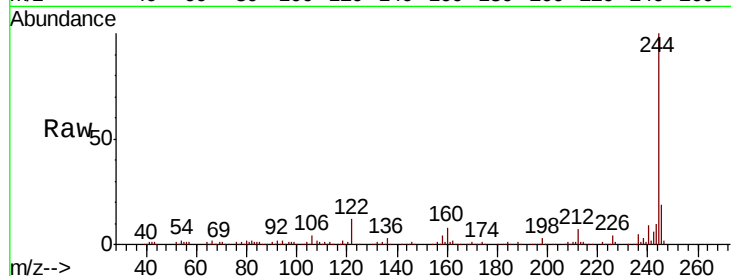
Tot Ion:244 Resp: 216900

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

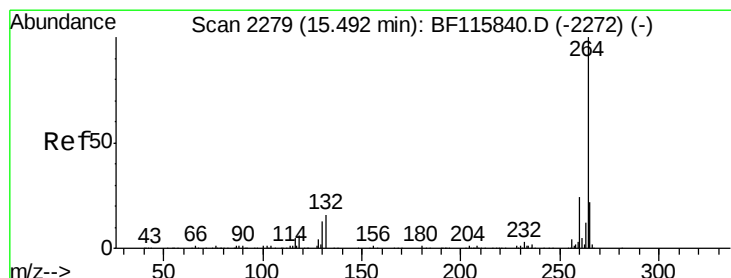
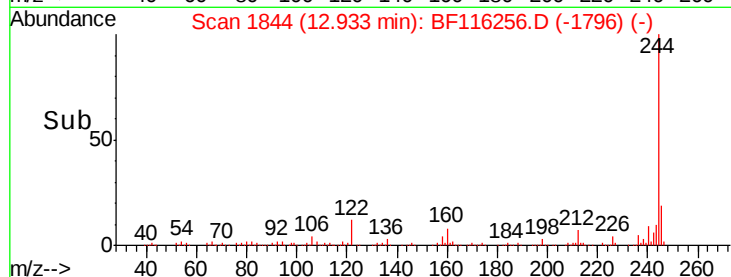
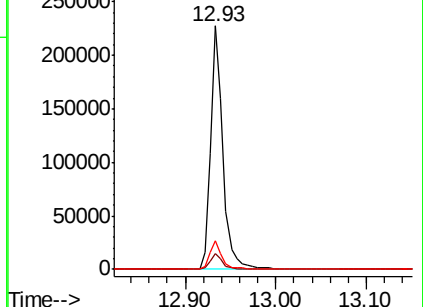
122 11.7 9.0 13.4



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: BF116256.D

Acq: 14 Aug 2019 3:04

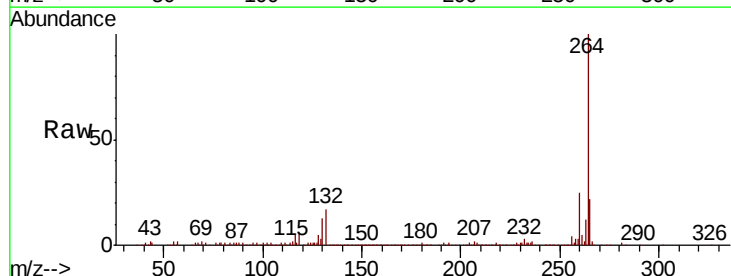
Tgt Ion:264 Resp: 333110

Ion Ratio Lower Upper

264 100

260 24.6 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

