

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116149.D
 Acq On : 10 Aug 2019 15:27
 Operator : HP/JU
 Sample : K4245-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-27

Quant Time: Aug 12 01:51:34 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	158359	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	617961	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	337058	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	565789	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	338480	20.00	ng	0.00
87) Perylene-d12	15.49	264	334015	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1085085	114.71	ng	0.01
7) Phenol-d6	6.48	99	1291080	108.18	ng	0.00
23) Nitrobenzene-d5	7.40	82	1018973	95.18	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	448049	137.11	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1731610	96.23	ng	-0.01
79) Terphenyl-d14	12.94	244	1779995	110.81	ng	0.00

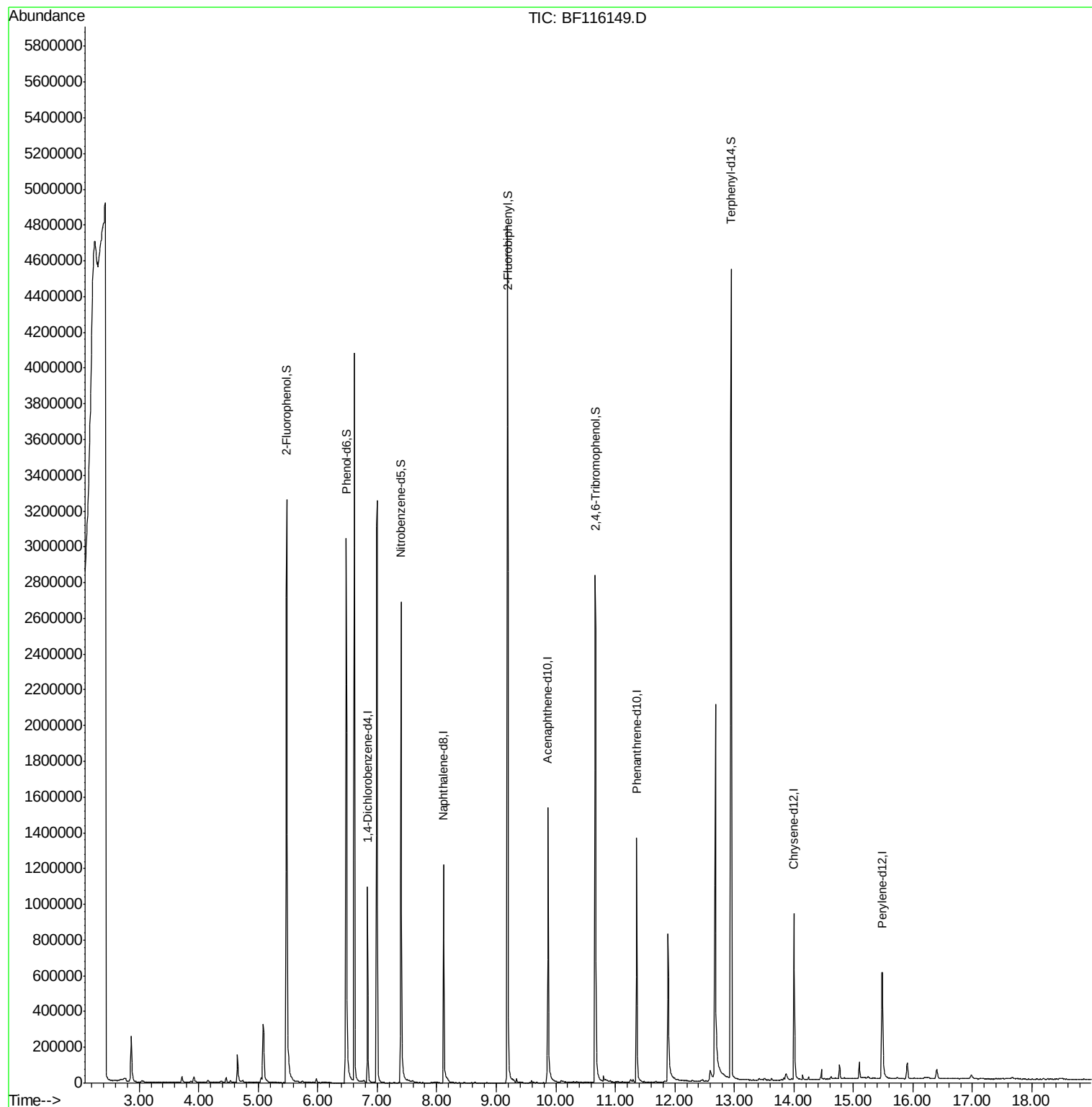
Target Compounds Qvalue

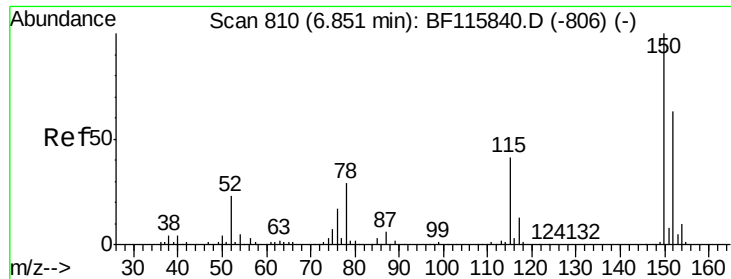
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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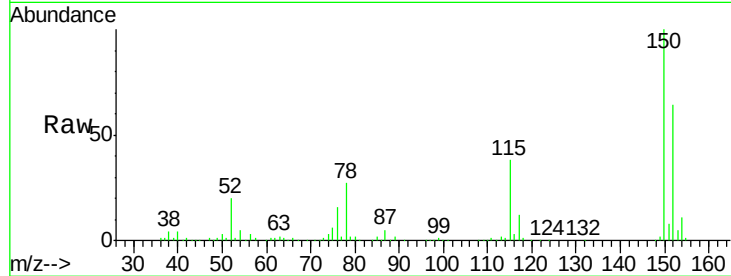


#1

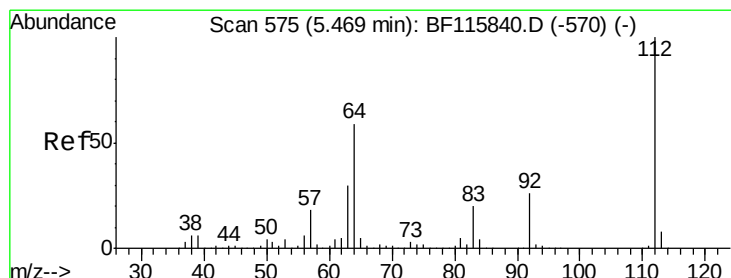
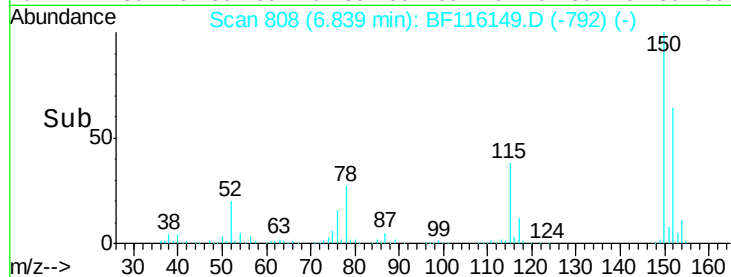
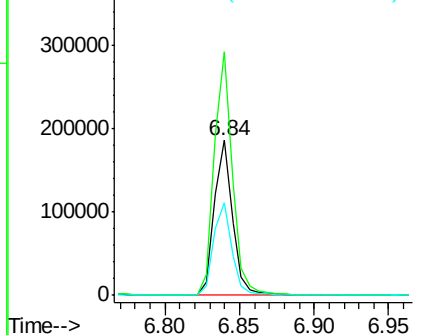
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116149.D
Acq: 10 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
COMP-27

Tot Ion:152 Resp: 158359
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.2
115 60.0 49.9 74.9



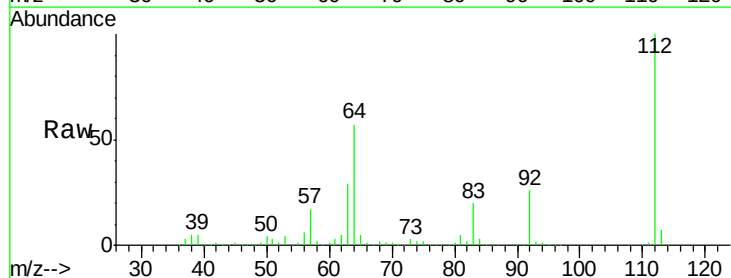
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



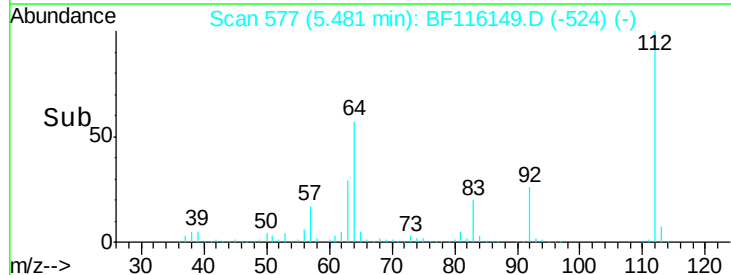
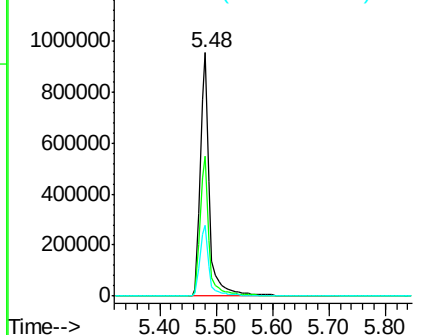
#5

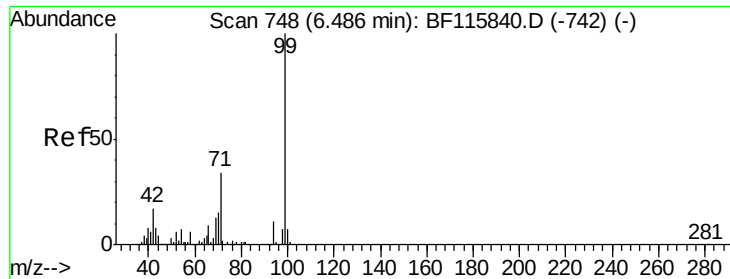
2-Fluorophenol
Concen: 114.708 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116149.D
Acq: 10 Aug 2019 15:27

Tgt Ion:112 Resp: 1085085
Ion Ratio Lower Upper
112 100
64 57.2 45.4 68.2
63 29.3 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: 108.177 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116149.D

Acq: 10 Aug 2019 15:27

Instrument :

BNA_F

ClientSampleId :

COMP-27

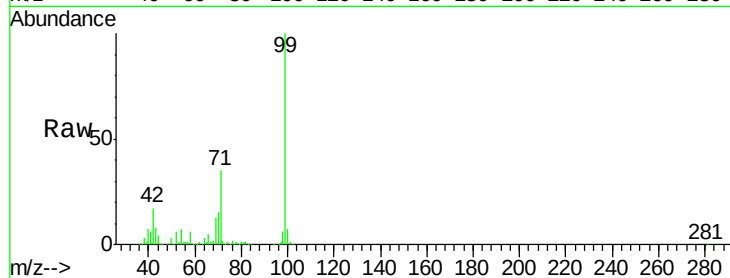
Tot Ion: 99 Resp: 1291080

Ion Ratio Lower Upper

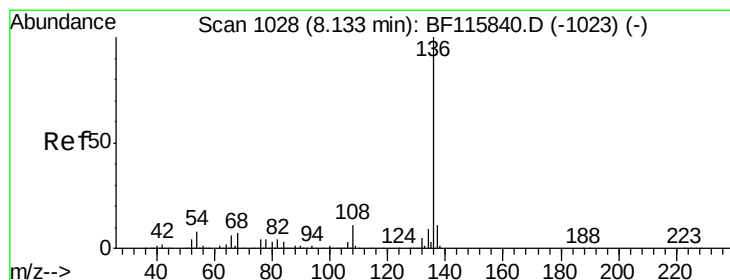
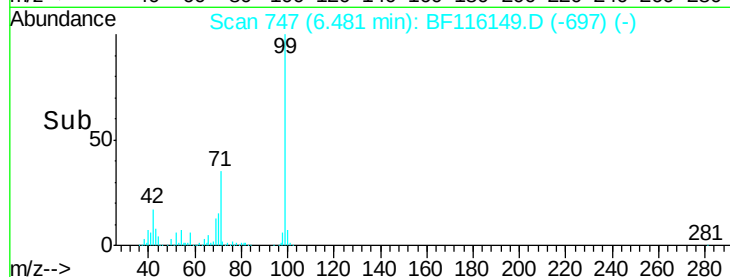
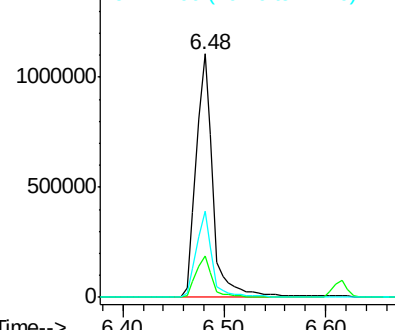
99 100

42 17.1 13.8 20.8

71 35.2 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: BF116149.D

Acq: 10 Aug 2019 15:27

Tgt Ion: 136 Resp: 617961

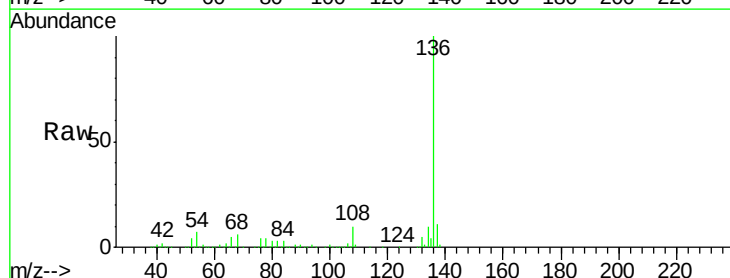
Ion Ratio Lower Upper

136 100

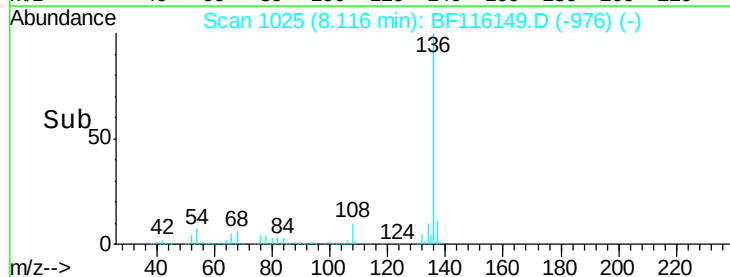
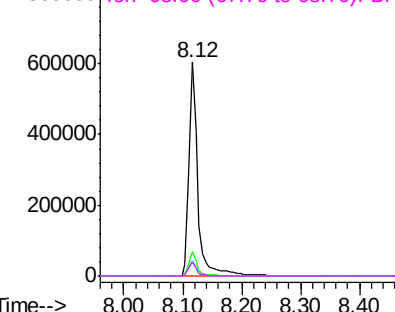
137 11.3 9.0 13.4

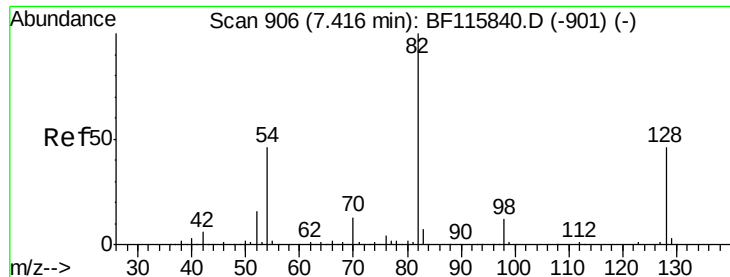
54 7.2 5.8 8.6

68 6.4 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

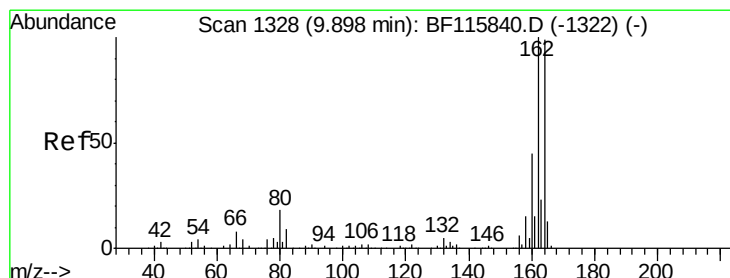
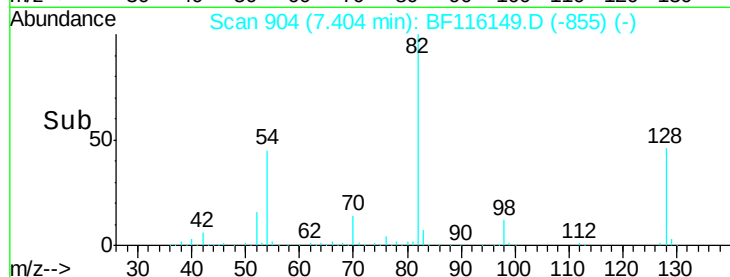
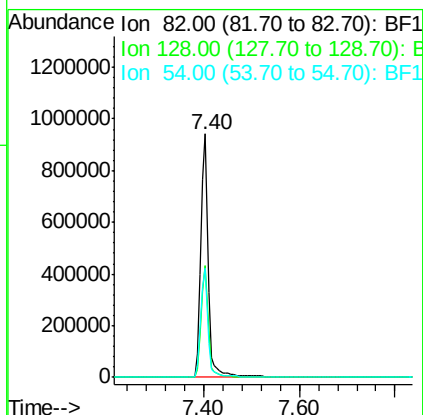
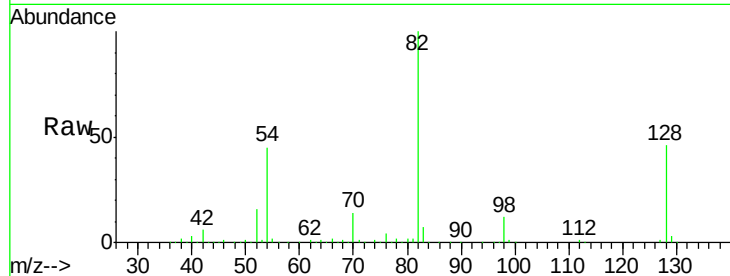




#23
 Nitrobenzene-d5
 Concen: 95.181 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116149.D
 Acq: 10 Aug 2019 15:27

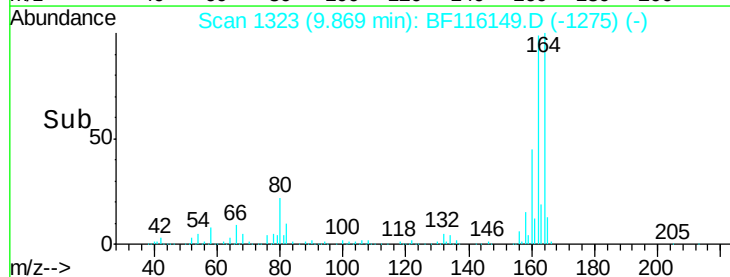
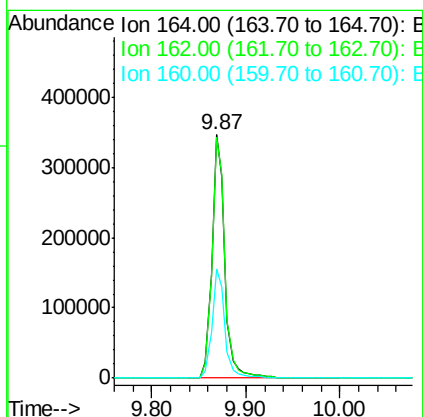
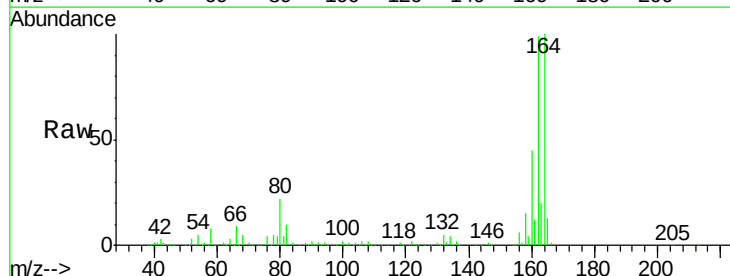
Instrument :
 BNA_F
 ClientSampleId :
 COMP-27

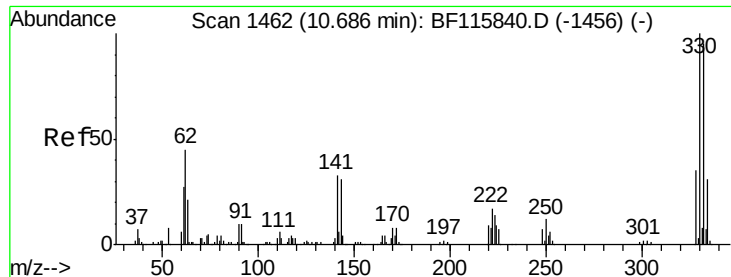
Tot Ion: 82 Resp: 1018973
 Ion Ratio Lower Upper
 82 100
 128 45.9 36.5 54.7
 54 45.1 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116149.D
 Acq: 10 Aug 2019 15:27

Tgt Ion:164 Resp: 337058
 Ion Ratio Lower Upper
 164 100
 162 99.0 82.6 124.0
 160 45.0 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 137.107 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF116149.D

Acq: 10 Aug 2019 15:27

Instrument :

BNA_F

ClientSampleId :

COMP-27

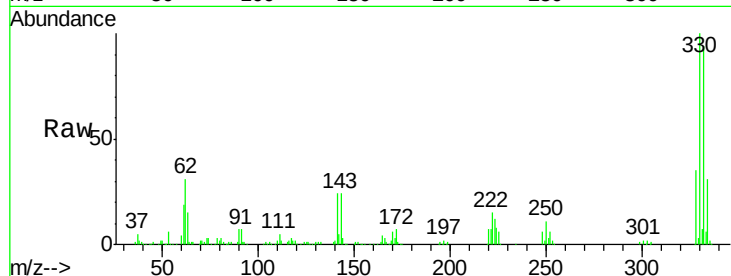
Tot Ion:330 Resp: 448049

Ion Ratio Lower Upper

330 100

332 94.5 76.8 115.2

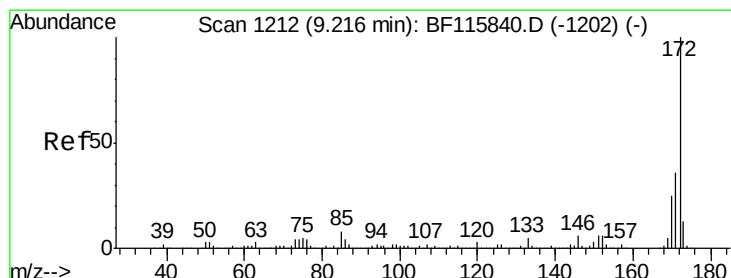
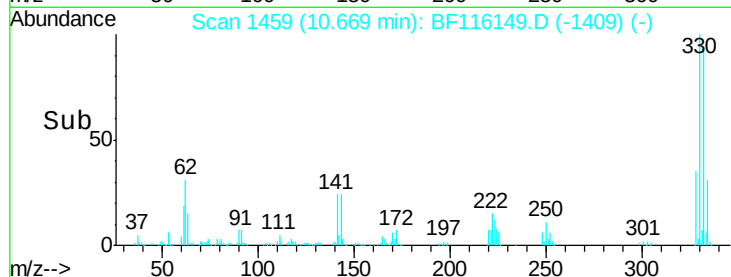
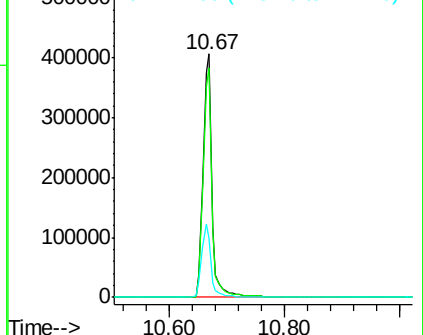
141 31.6 26.3 39.5



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: 96.228 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116149.D

Acq: 10 Aug 2019 15:27

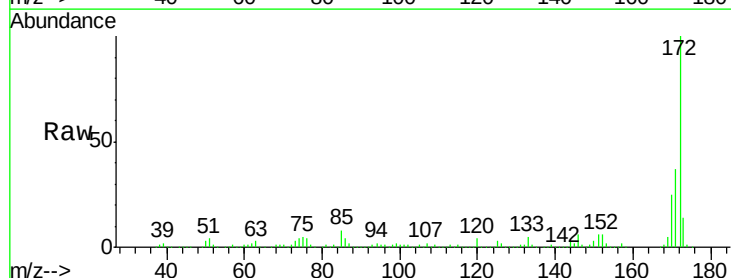
Tgt Ion:172 Resp: 1731610

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

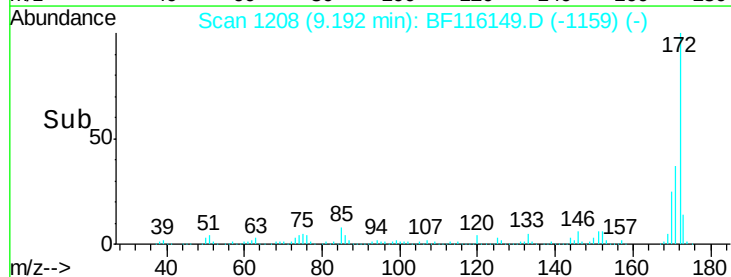
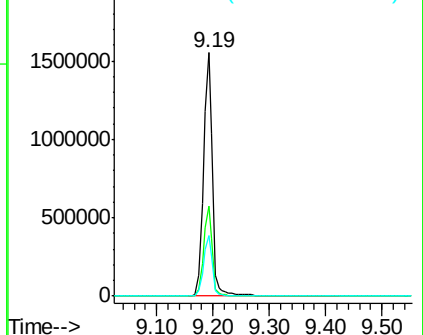
170 25.1 20.1 30.1

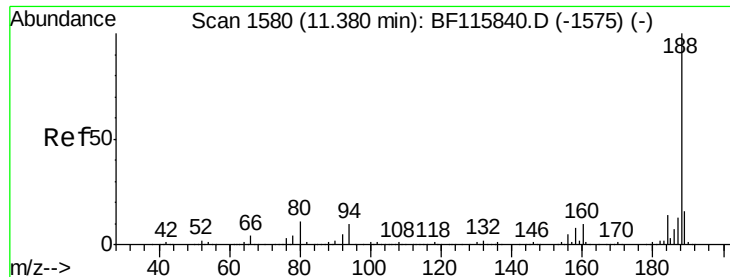


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF116149.D

Acq: 10 Aug 2019 15:27

Instrument :

BNA_F

ClientSampleId :

COMP-27

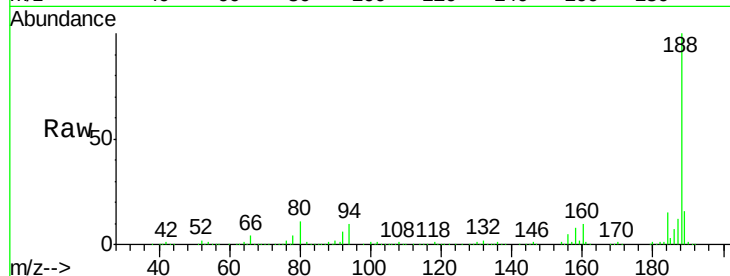
Tot Ion:188 Resp: 565789

Ion Ratio Lower Upper

188 100

94 10.3 8.1 12.1

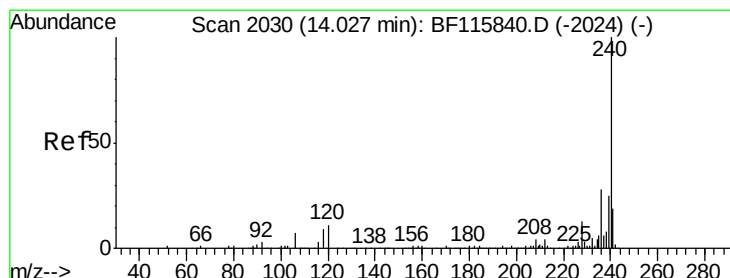
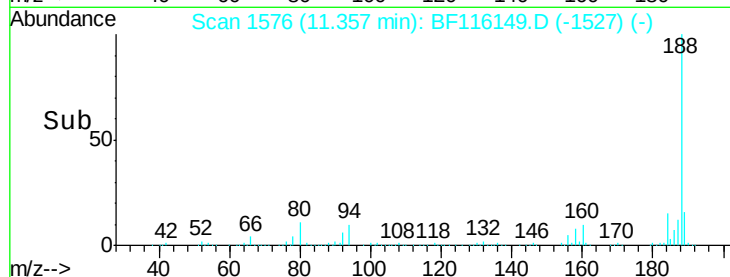
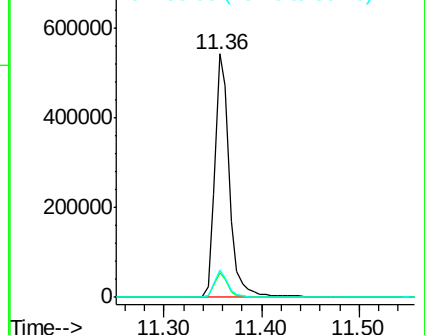
80 11.3 8.7 13.1



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116149.D

Acq: 10 Aug 2019 15:27

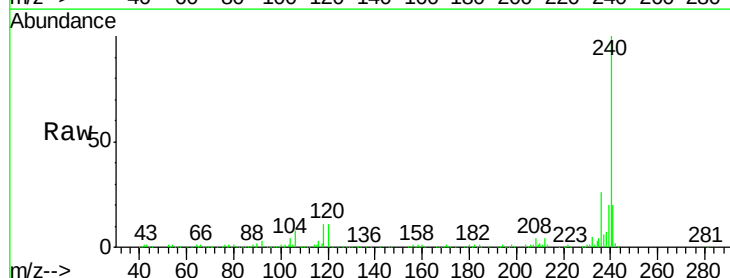
Tgt Ion:240 Resp: 338480

Ion Ratio Lower Upper

240 100

120 11.3 10.7 16.1

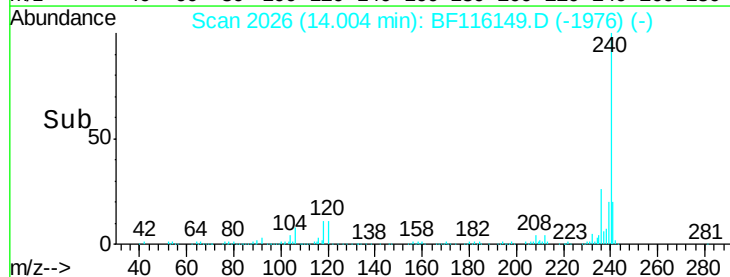
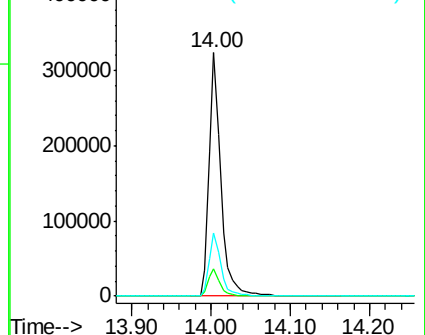
236 26.2 22.2 33.2

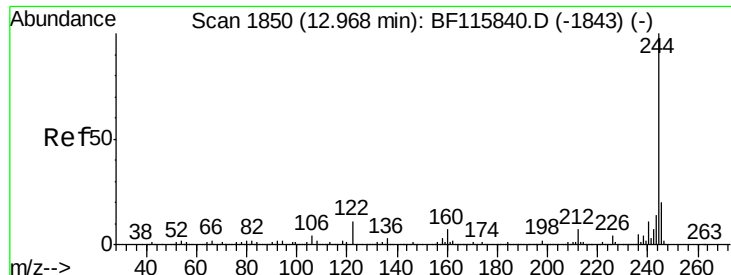


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

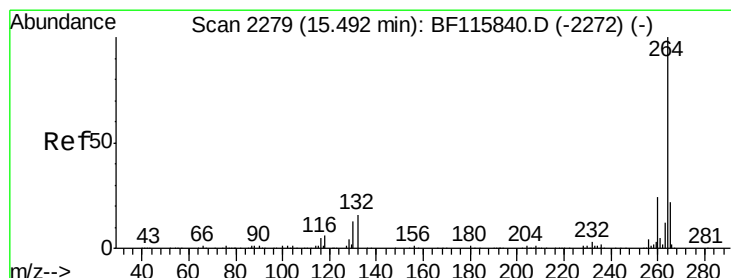
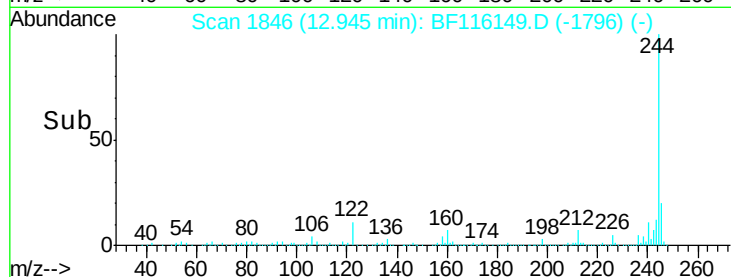
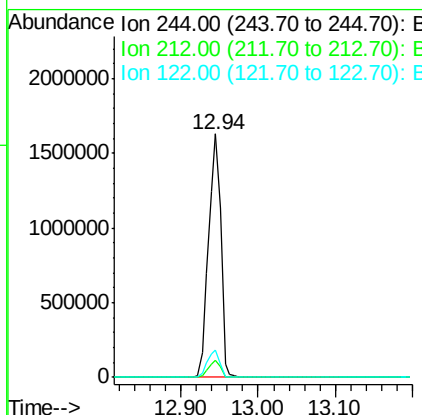
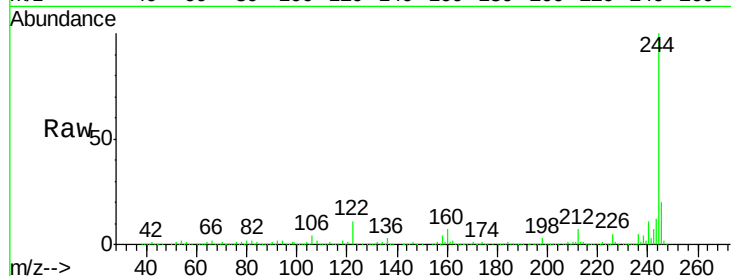




#79
 Terphenyl-d14
 Concen: 110.811 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116149.D
 Acq: 10 Aug 2019 15:27

Instrument :
 BNA_F
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Tot Ion:244 Resp: 1779995
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.2 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF116149.D
 Acq: 10 Aug 2019 15:27

Tgt Ion:264 Resp: 334015
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.7 29.5
 265 21.7 17.4 26.0

