

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116148.D
 Acq On : 10 Aug 2019 14:03
 Operator : HP/JU
 Sample : K4245-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-25

Quant Time: Aug 12 01:49:22 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	144195	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	562136	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	295326	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	500072	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	287799	20.00	ng	0.00
87) Perylene-d12	15.47	264	305318	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1014303	117.76	ng	0.01
7) Phenol-d6	6.48	99	1183408	108.89	ng	0.00
23) Nitrobenzene-d5	7.40	82	944595	97.00	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	398917	139.32	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1635303	103.72	ng	-0.01
79) Terphenyl-d14	12.94	244	1575072	115.32	ng	0.00

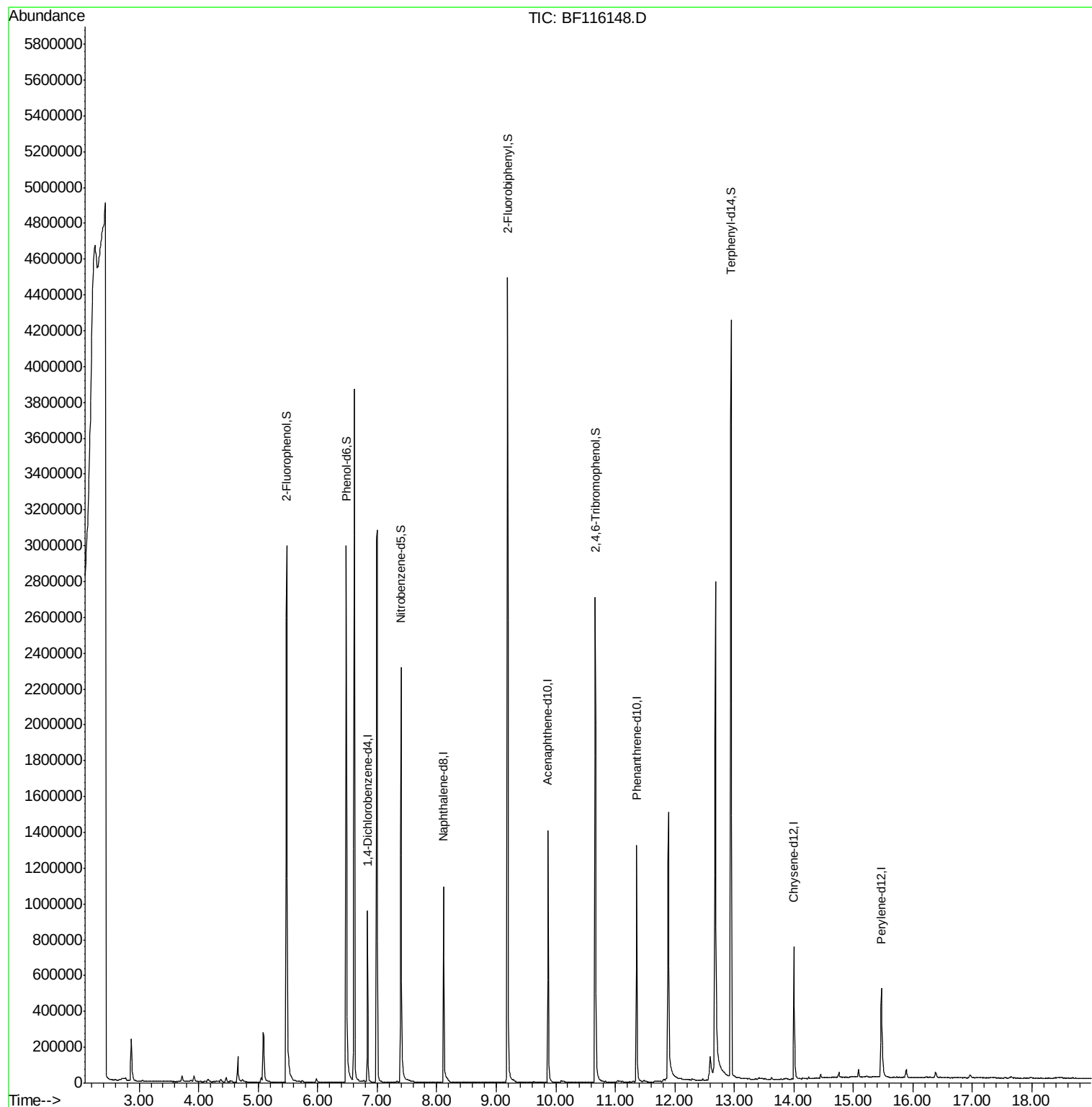
Target Compounds Qvalue

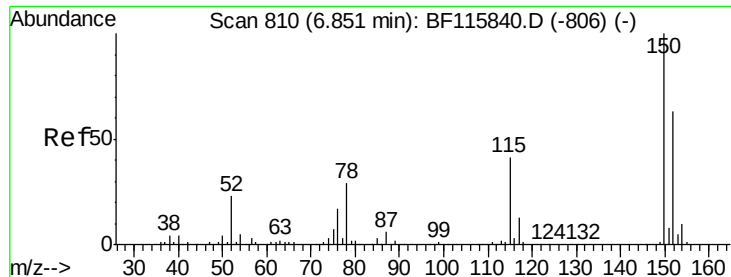
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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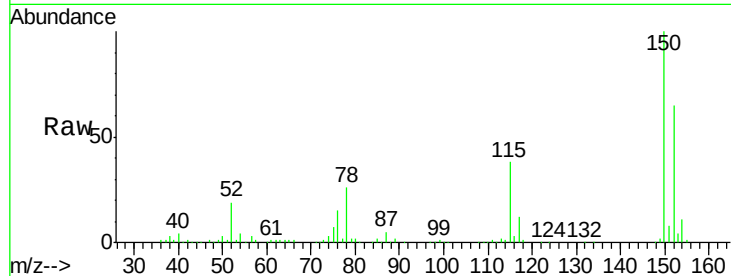


#1

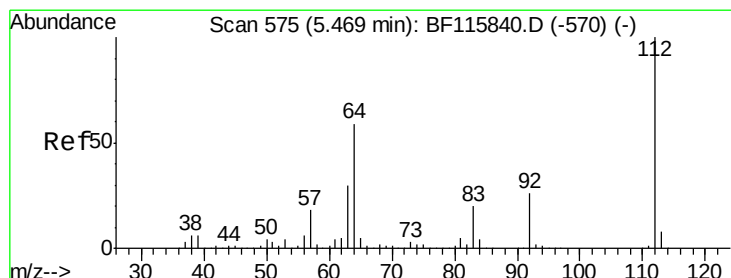
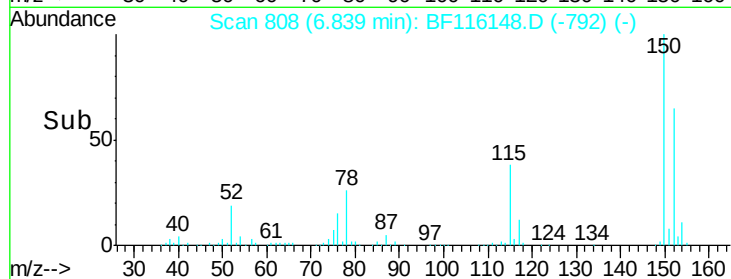
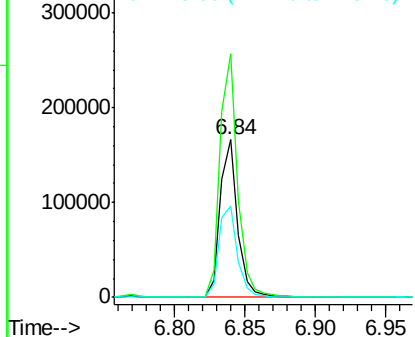
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116148.D
Acq: 10 Aug 2019 14:03

Instrument :
BNA_F
ClientSampleId :
COMP-25

Tot Ion:152 Resp: 144195
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 58.2 49.9 74.9



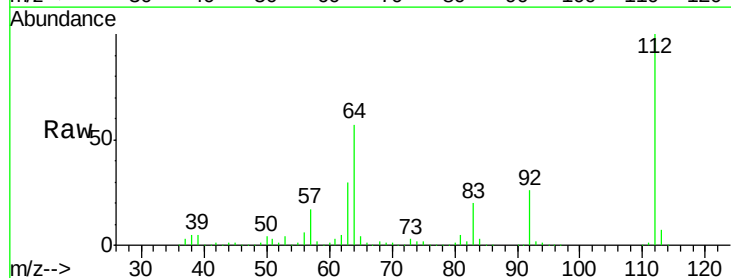
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



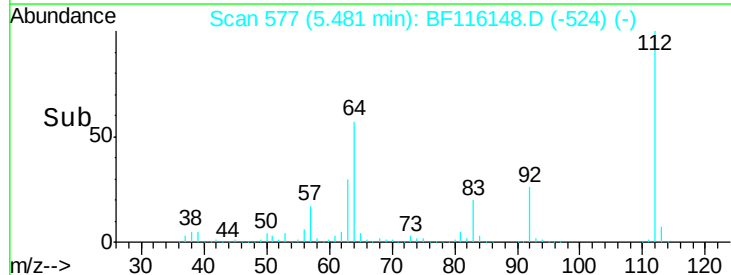
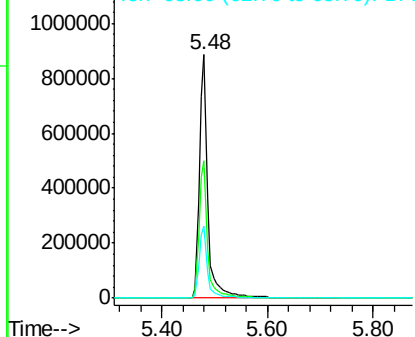
#5

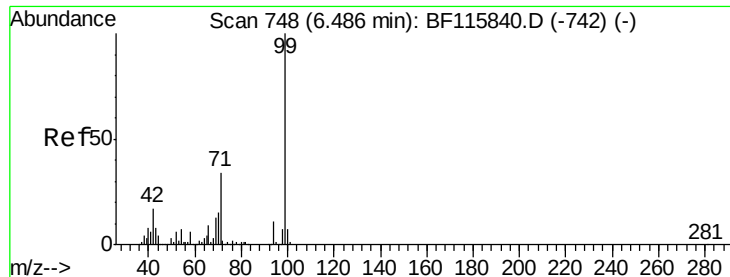
2-Fluorophenol
Concen: 117.758 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116148.D
Acq: 10 Aug 2019 14:03

Tgt Ion:112 Resp: 1014303
Ion Ratio Lower Upper
112 100
64 56.6 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: 108.895 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116148.D

Acq: 10 Aug 2019 14:03

Instrument :

BNA_F

ClientSampled :

COMP-25

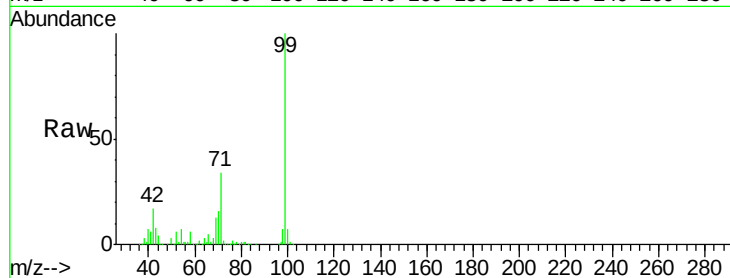
Tot Ion: 99 Resp: 1183408

Ion Ratio Lower Upper

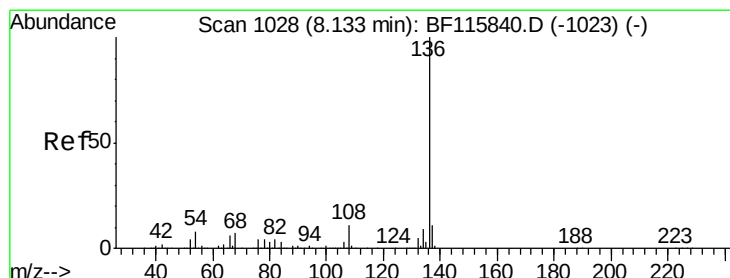
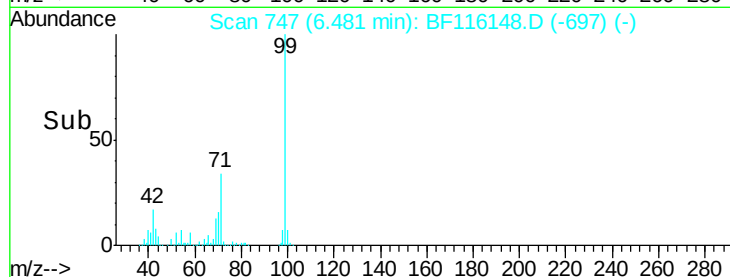
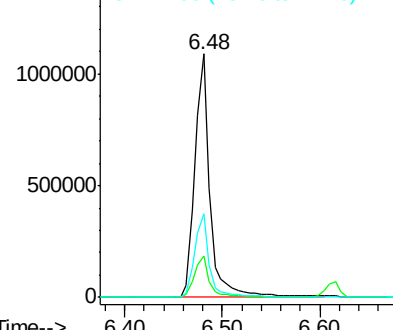
99 100

42 17.0 13.8 20.8

71 34.4 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: BF116148.D

Acq: 10 Aug 2019 14:03

Tgt Ion: 136 Resp: 562136

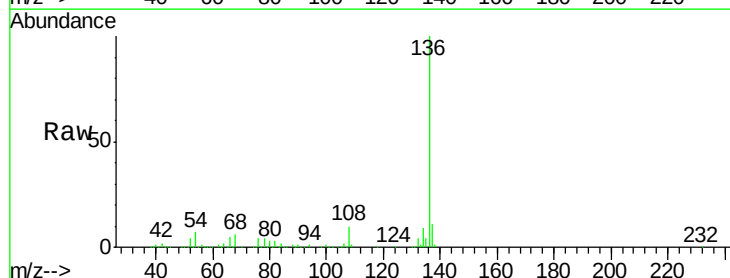
Ion Ratio Lower Upper

136 100

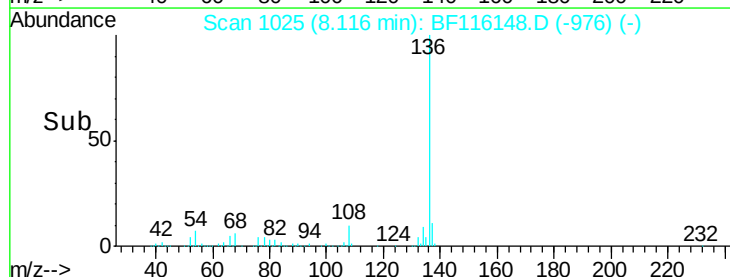
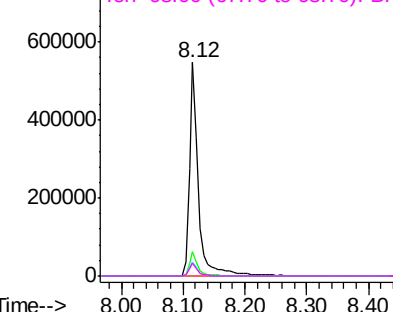
137 11.3 9.0 13.4

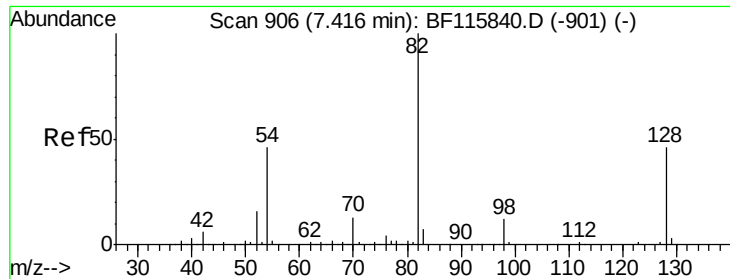
54 6.9 5.8 8.6

68 6.1 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

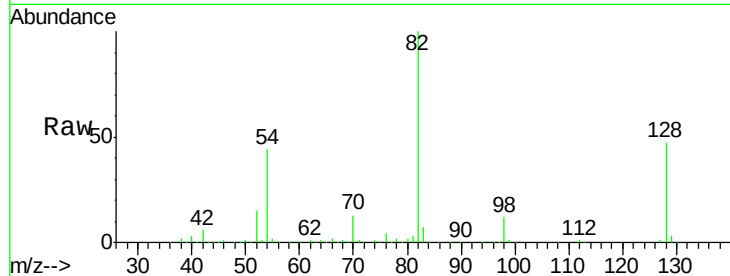




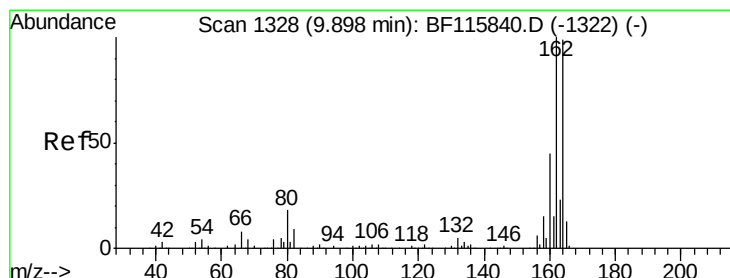
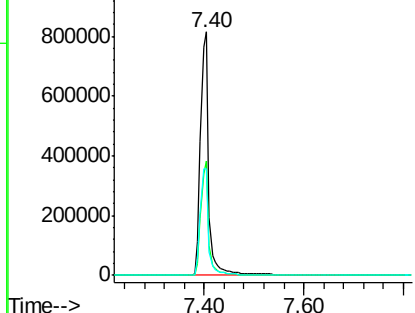
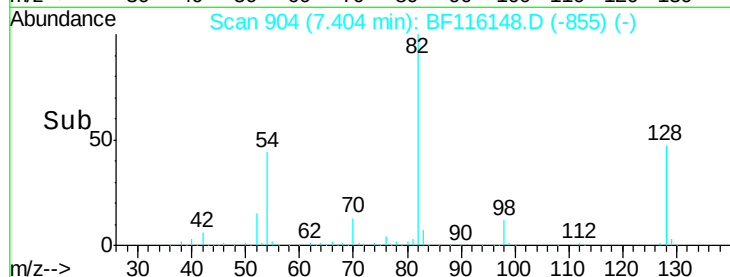
#23
Nitrobenzene-d5
Concen: 96.996 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116148.D
Acq: 10 Aug 2019 14:03

Instrument :
BNA_F
ClientSampled :
COMP-25

Tot Ion: 82 Resp: 944595
Ion Ratio Lower Upper
82 100
128 46.8 36.5 54.7
54 43.8 36.0 54.0

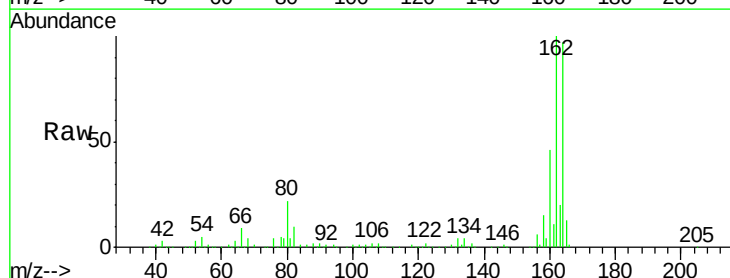


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

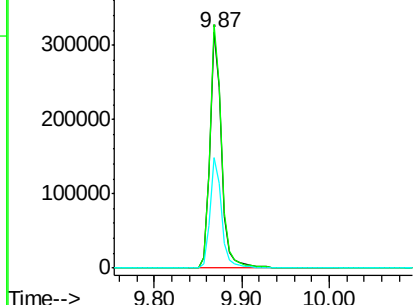
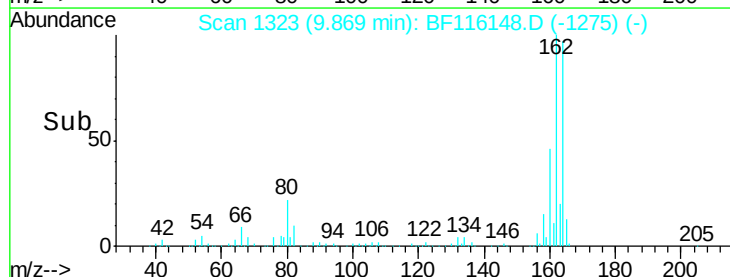


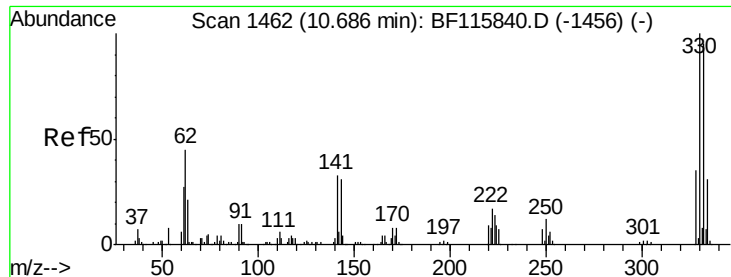
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116148.D
Acq: 10 Aug 2019 14:03

Tgt Ion: 164 Resp: 295326
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 47.0 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 139.322 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116148.D

Acq: 10 Aug 2019 14:03

Instrument :

BNA_F

ClientSampled :

COMP-25

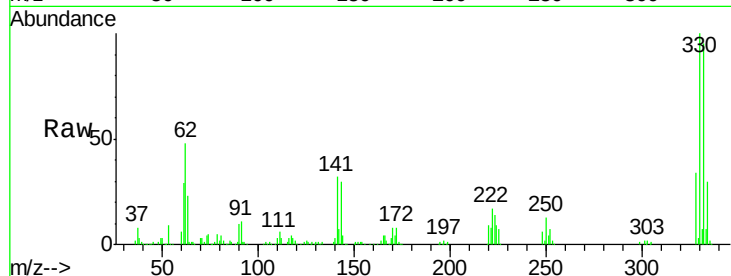
Tot Ion:330 Resp: 398917

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

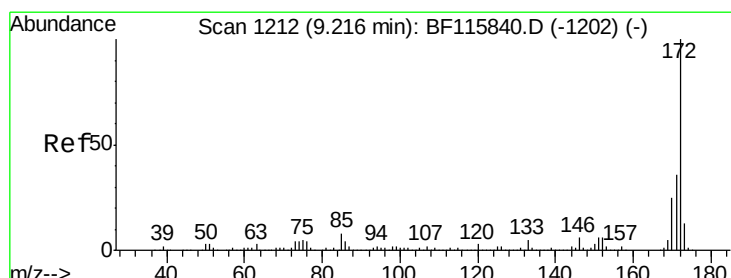
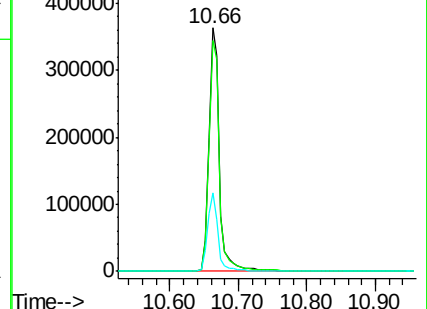
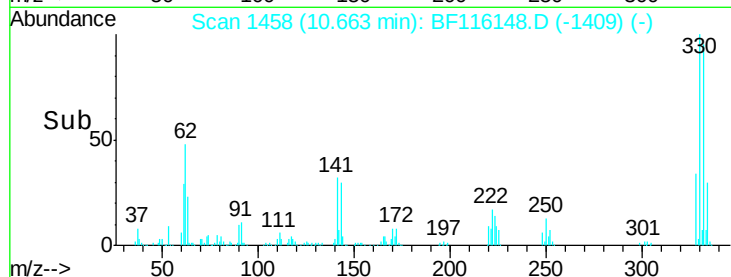
141 32.7 26.3 39.5



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: 103.717 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116148.D

Acq: 10 Aug 2019 14:03

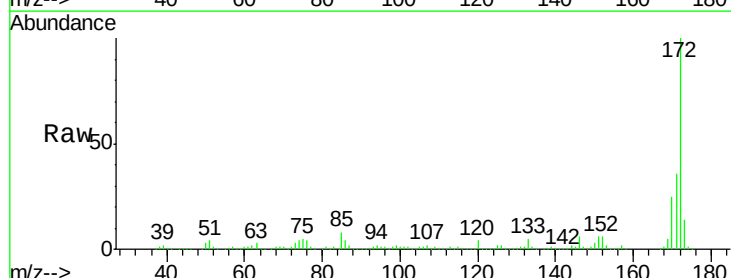
Tgt Ion:172 Resp: 1635303

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

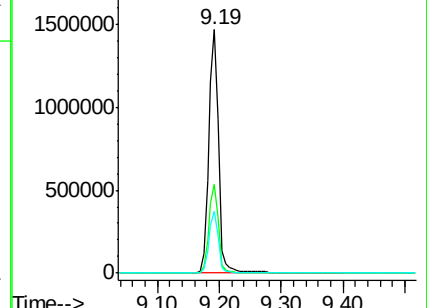
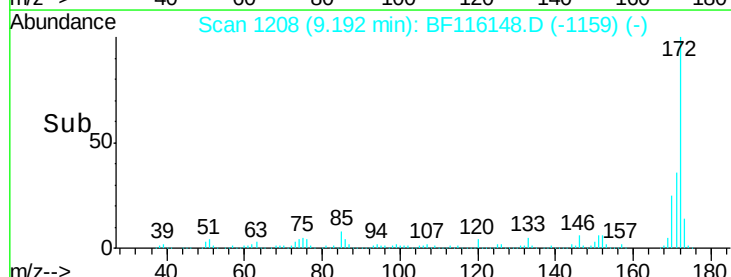
170 25.2 20.1 30.1

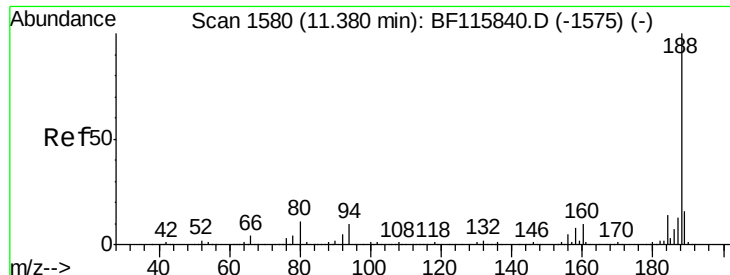


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF116148.D

Acq: 10 Aug 2019 14:03

Instrument :

BNA_F

ClientSampleId :

COMP-25

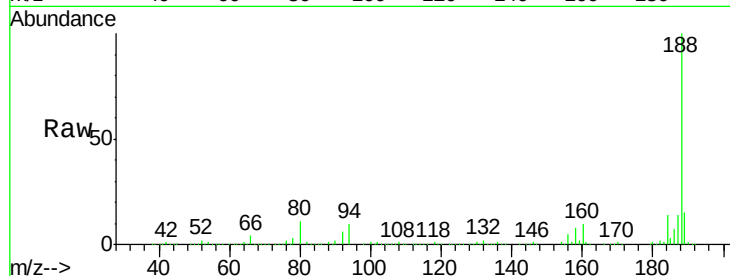
Tot Ion:188 Resp: 500072

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

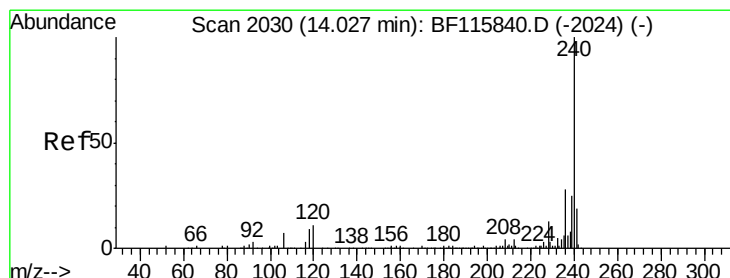
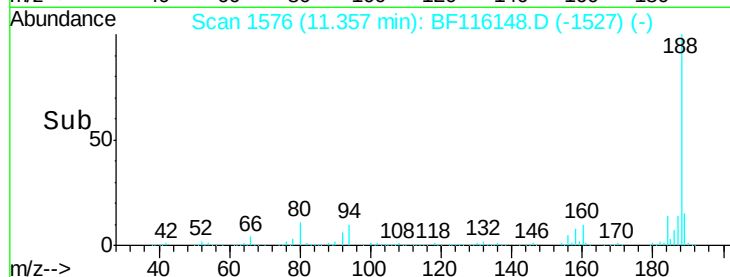
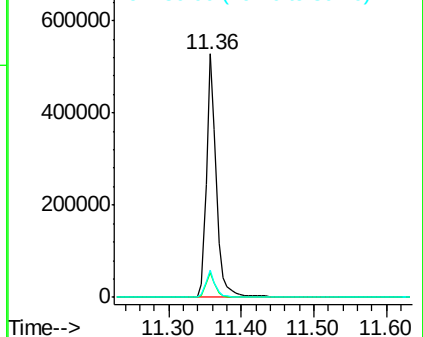
80 11.1 8.7 13.1



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: BF116148.D

Acq: 10 Aug 2019 14:03

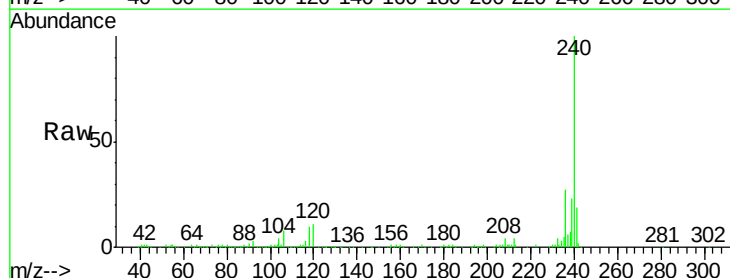
Tgt Ion:240 Resp: 287799

Ion Ratio Lower Upper

240 100

120 11.2 10.7 16.1

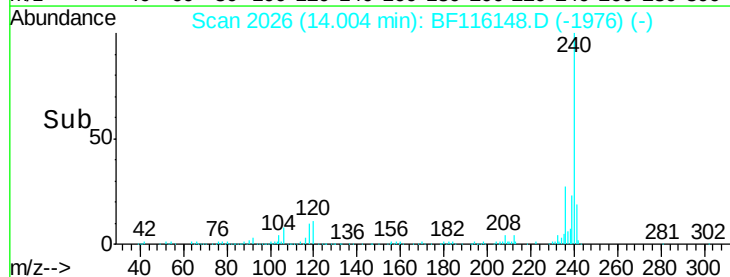
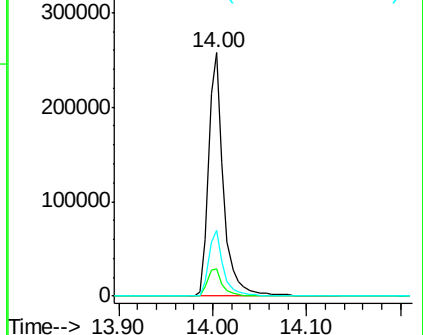
236 27.2 22.2 33.2

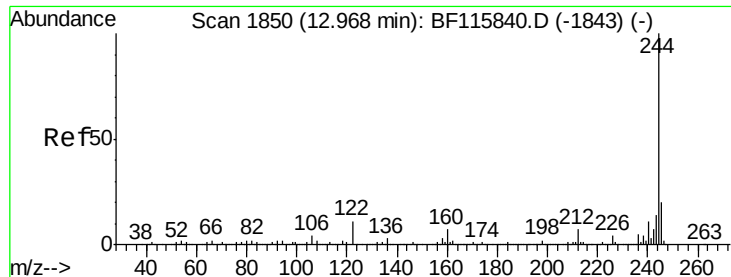


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 115.321 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116148.D

Acq: 10 Aug 2019 14:03

Instrument :

BNA_F

ClientSampleId :

COMP-25

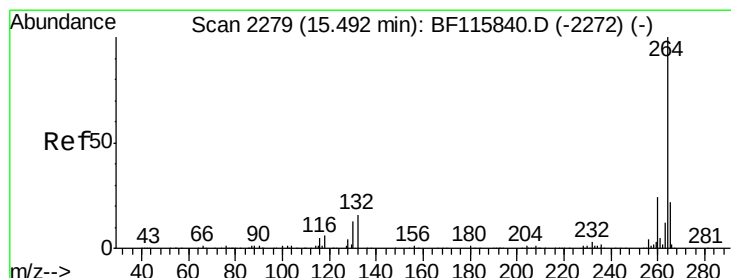
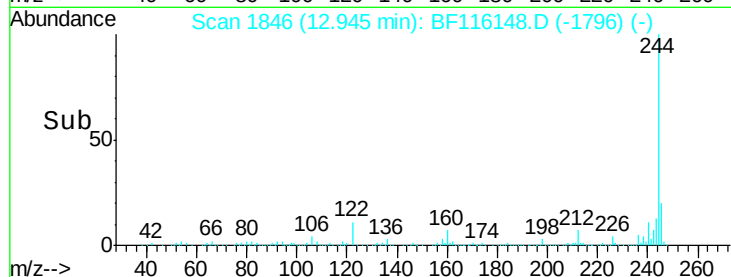
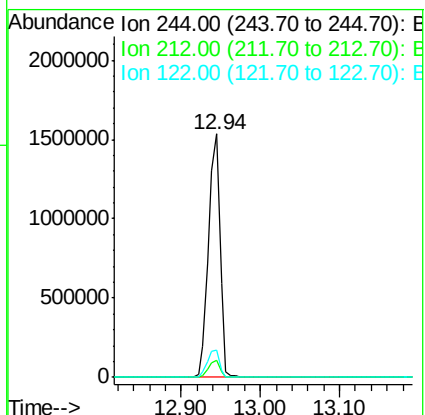
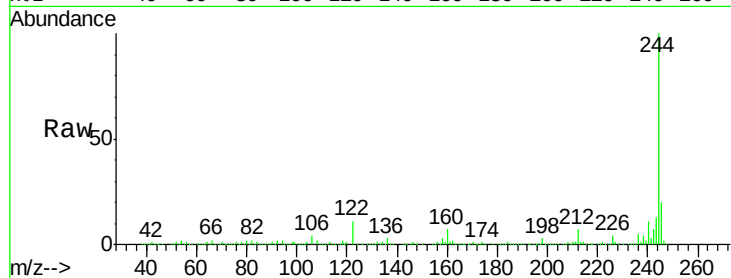
Tot Ion:244 Resp: 1575072

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 11.3 9.0 13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116148.D

Acq: 10 Aug 2019 14:03

Tgt Ion:264 Resp: 305318

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.6 17.4 26.0

