

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
 Data File : BF116292.D
 Acq On : 15 Aug 2019 21:38
 Operator : HP/JU
 Sample : K4356-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Aug 16 04:43:58 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

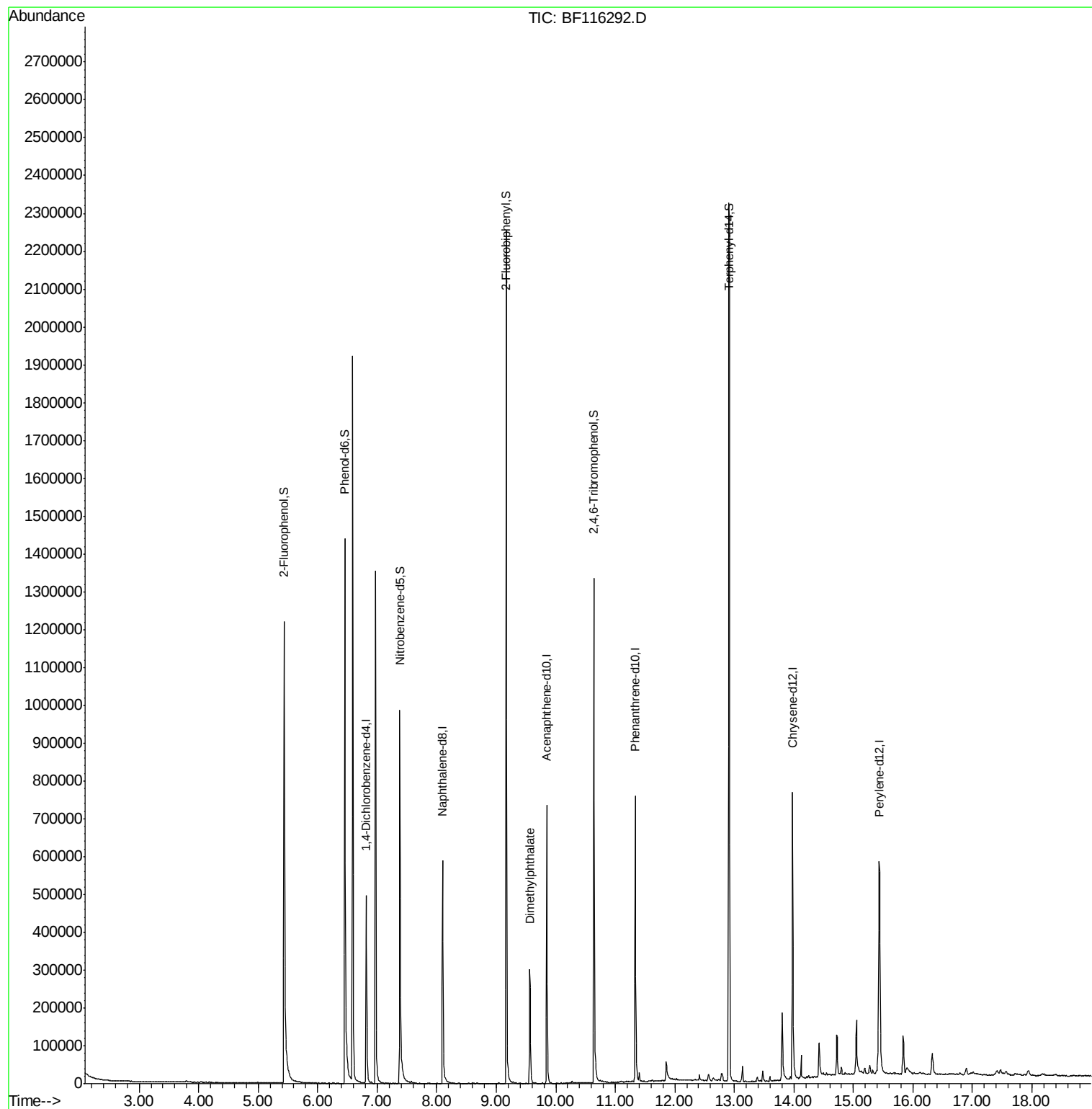
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79592	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	306876	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	163894	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	317451	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	295095	20.00	ng	-0.03
87) Perylene-d12	15.43	264	304260	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	495337	104.18	ng	-0.04
7) Phenol-d6	6.46	99	659000	109.86	ng	-0.03
23) Nitrobenzene-d5	7.38	82	398574	74.97	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	177447	111.67	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	679703	77.68	ng	-0.04
79) Terphenyl-d14	12.92	244	830844	59.33	ng	-0.04
Target Compounds						
50) Dimethylphthalate	9.56	163	142709	12.788	ng	Qvalue 99

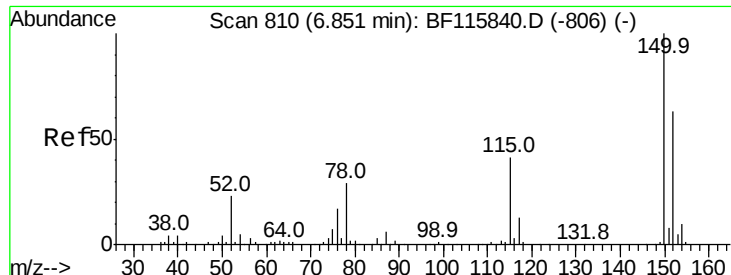
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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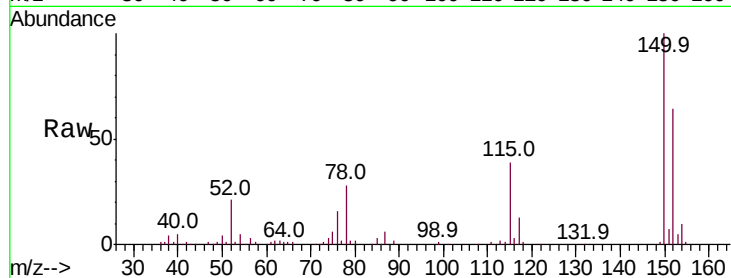


#1

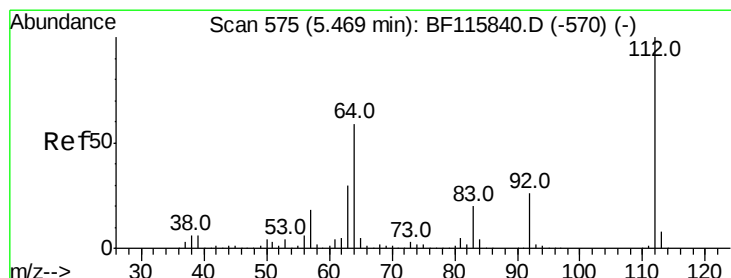
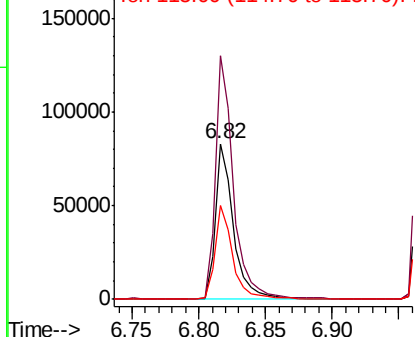
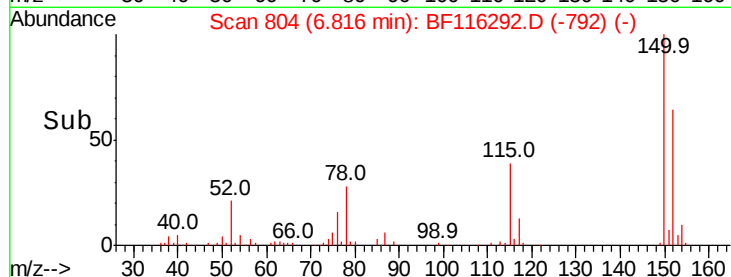
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.03 min
 Lab File: BF116292.D
 Acq: 15 Aug 2019 21:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion:152 Resp: 79592
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.2
 115 60.5 49.9 74.9



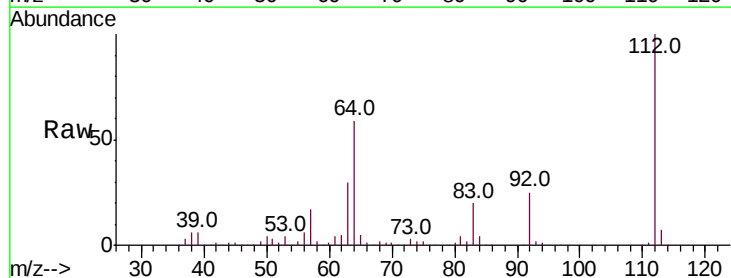
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



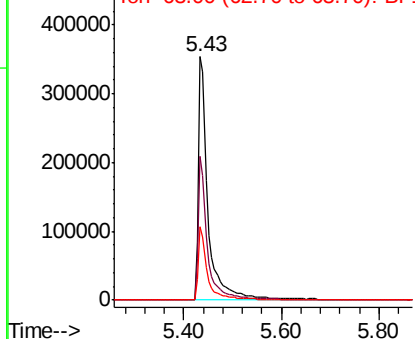
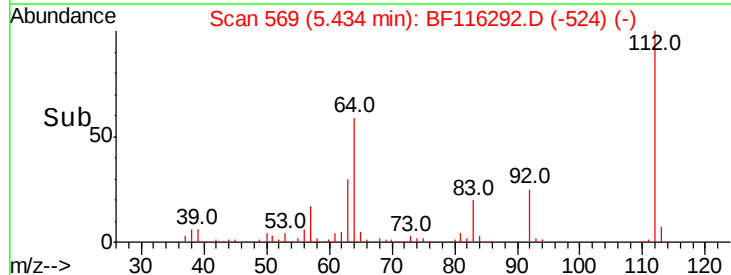
#5

2-Fluorophenol
 Concen: 104.184 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.04 min
 Lab File: BF116292.D
 Acq: 15 Aug 2019 21:38

Tgt Ion:112 Resp: 495337
 Ion Ratio Lower Upper
 112 100
 64 59.0 45.4 68.2
 63 30.3 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: 109.860 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116292.D

Acq: 15 Aug 2019 21:38

Instrument :

BNA_F

ClientSampleId :

TP-5

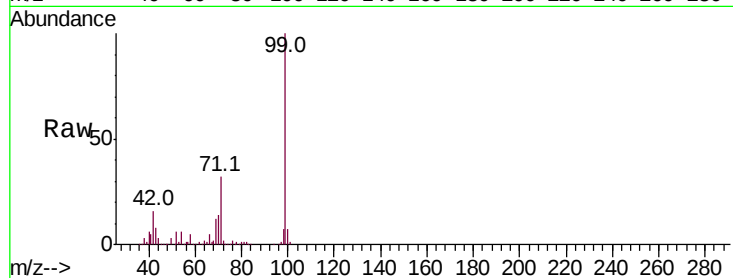
Tot Ion: 99 Resp: 659000

Ion Ratio Lower Upper

99 100

42 15.9 13.8 20.8

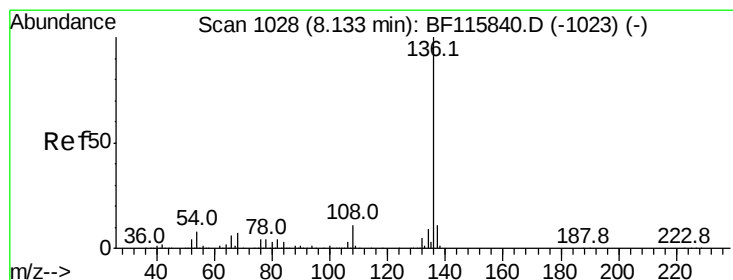
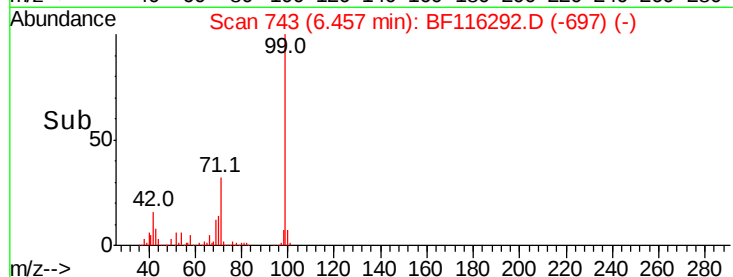
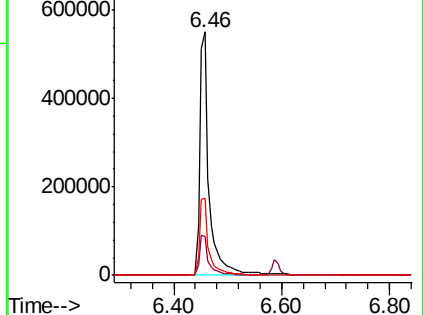
71 31.6 27.3 40.9



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: BF116292.D

Acq: 15 Aug 2019 21:38

Tgt Ion: 136 Resp: 306876

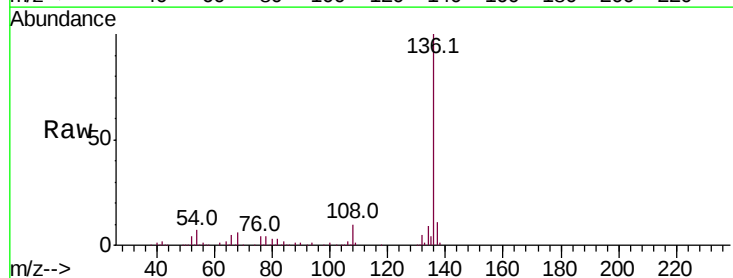
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 6.7 5.8 8.6

68 6.1 5.2 7.8

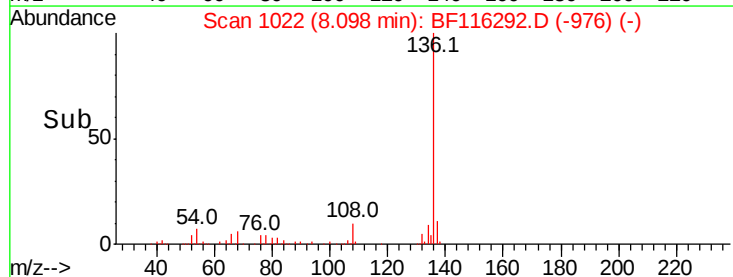
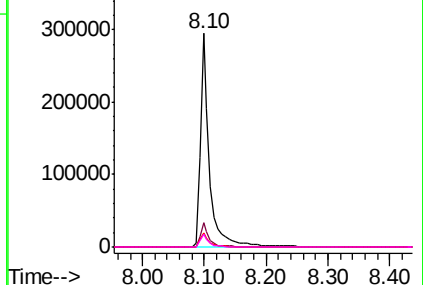


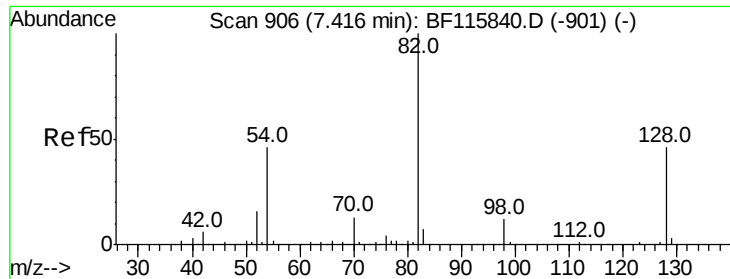
Abundance Ion 136.00 (135.70 to 136.70): E

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

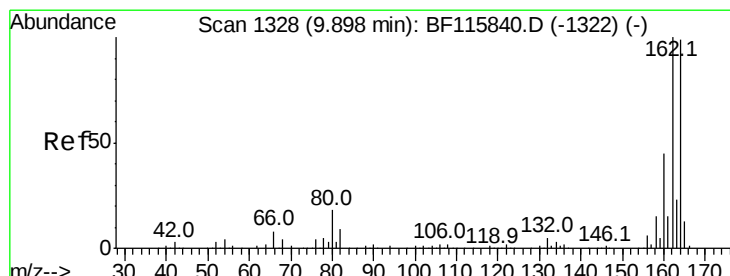
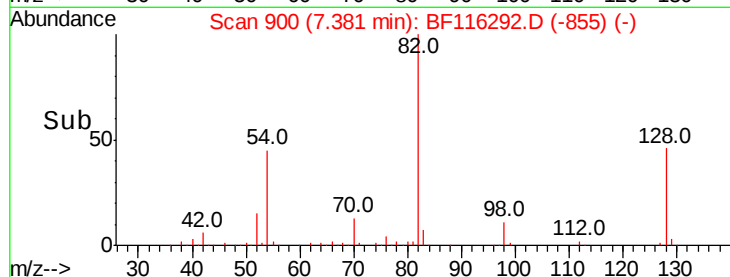
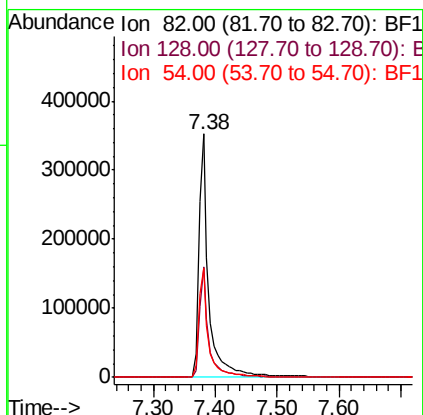
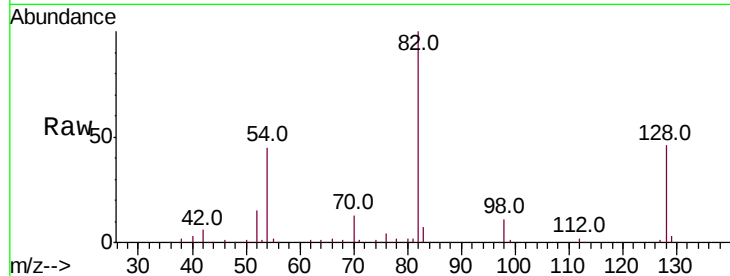




#23
Nitrobenzene-d5
Concen: 74.971 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.04 min
Lab File: BF116292.D
Acq: 15 Aug 2019 21:38

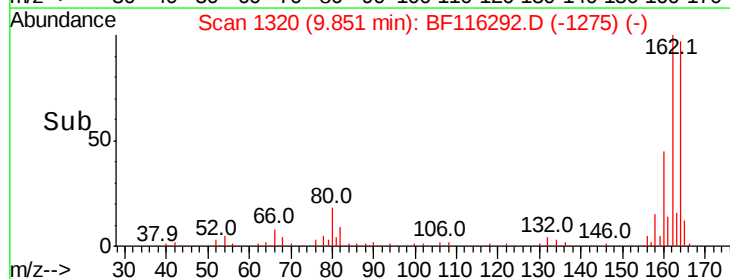
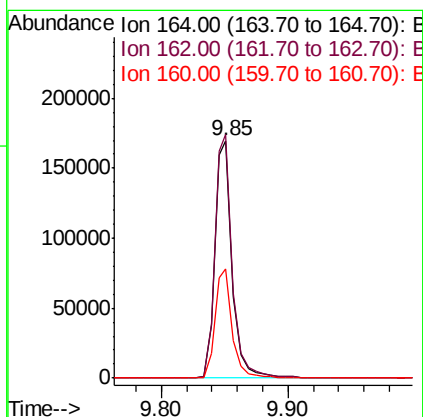
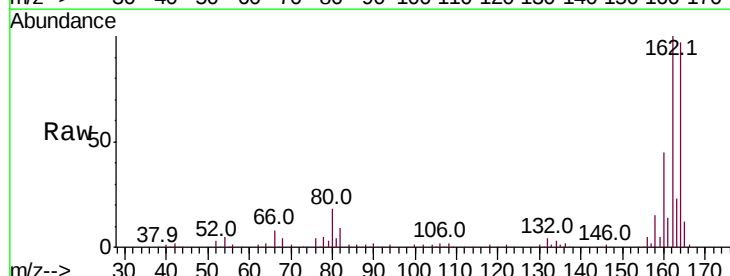
Instrument :
BNA_F
ClientSampled :
TP-5

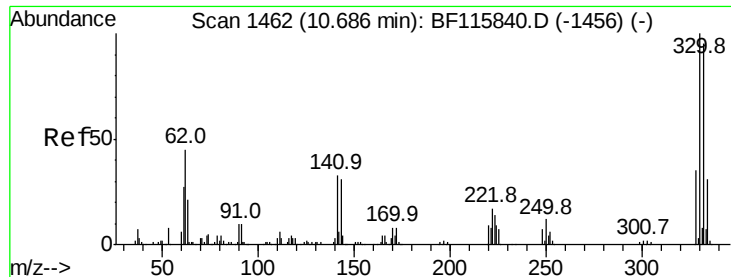
Tot Ion: 82 Resp: 398574
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 44.6 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116292.D
Acq: 15 Aug 2019 21:38

Tgt Ion: 164 Resp: 163894
Ion Ratio Lower Upper
164 100
162 102.6 82.6 124.0
160 46.2 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 111.672 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.04 min

Lab File: BF116292.D

Acq: 15 Aug 2019 21:38

Instrument :

BNA_F

ClientSampled :

TP-5

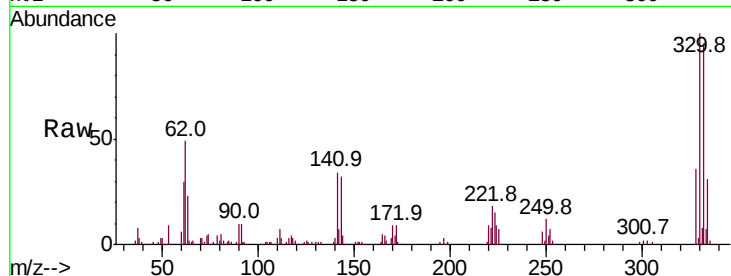
Tot Ion:330 Resp: 177447

Ion Ratio Lower Upper

330 100

332 95.0 76.8 115.2

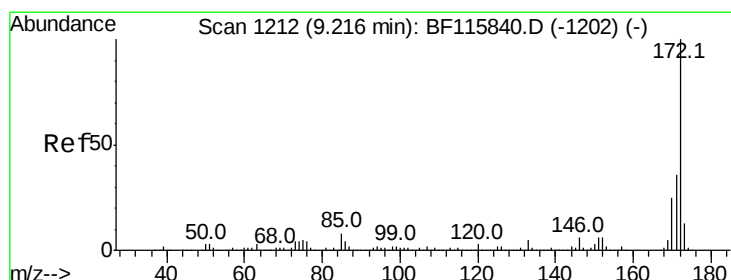
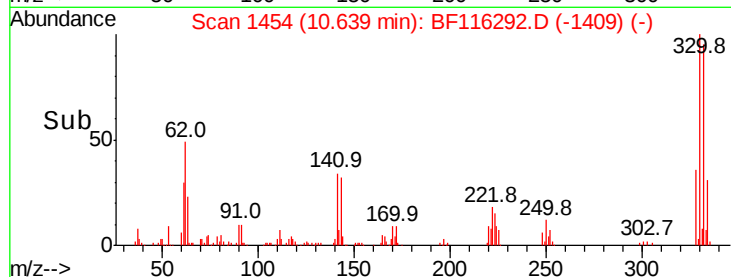
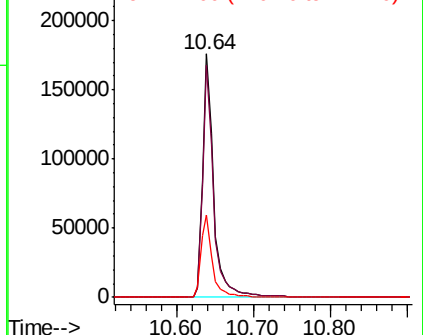
141 34.4 26.3 39.5



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: 77.680 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF116292.D

Acq: 15 Aug 2019 21:38

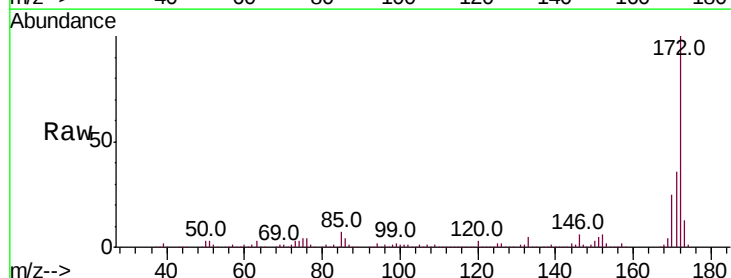
Tgt Ion:172 Resp: 679703

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

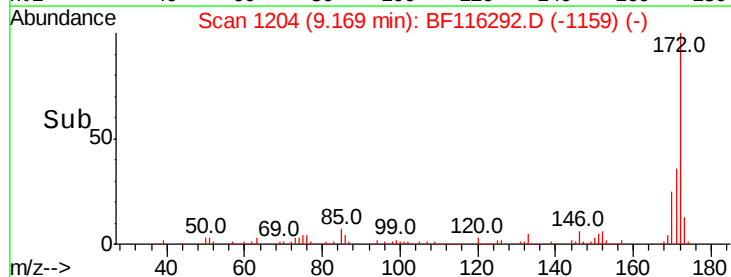
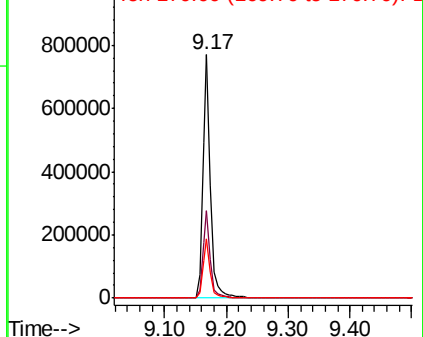
170 24.6 20.1 30.1

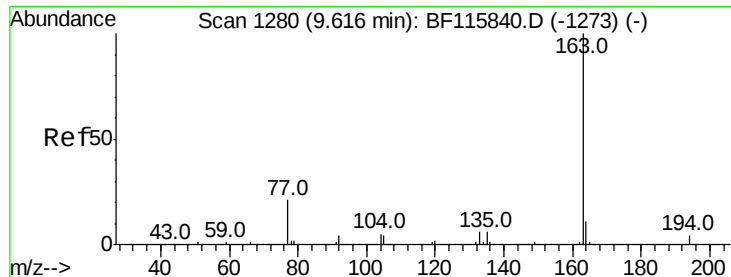


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 12.788 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.04 min

Lab File: BF116292.D

Acq: 15 Aug 2019 21:38

Instrument :

BNA_F

ClientSampleId :

TP-5

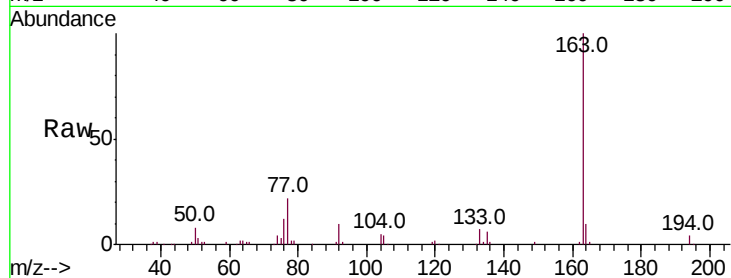
Tot Ion:163 Resp: 142709

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

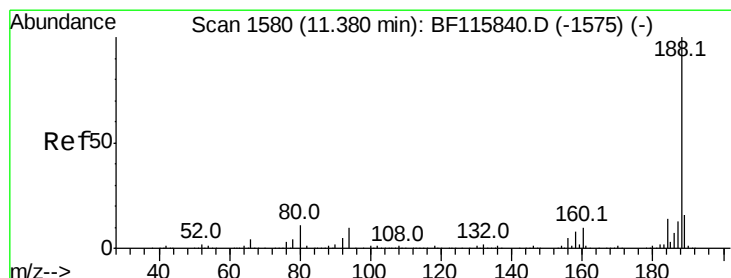
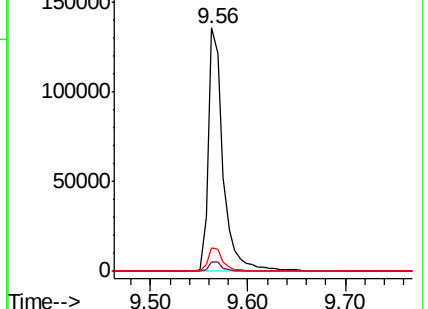
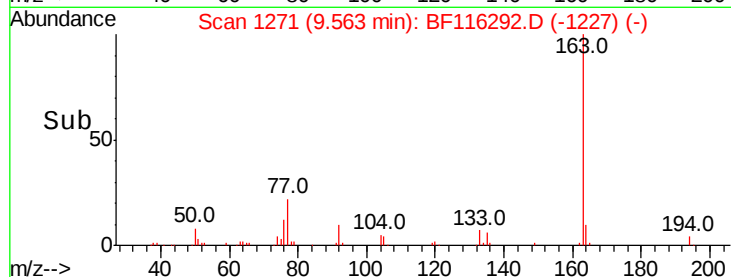
164 9.8 8.4 12.6



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: BF116292.D

Acq: 15 Aug 2019 21:38

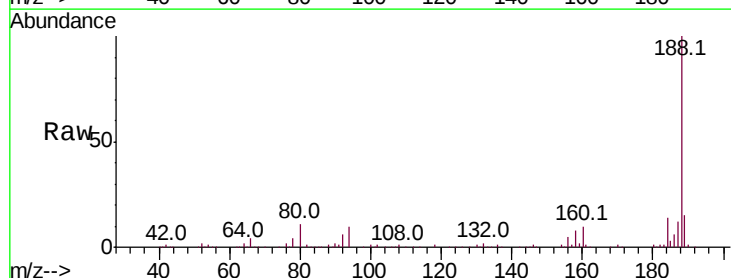
Tgt Ion:188 Resp: 317451

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

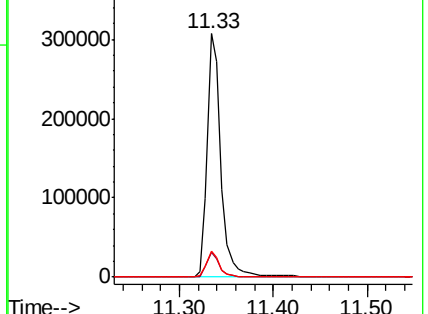
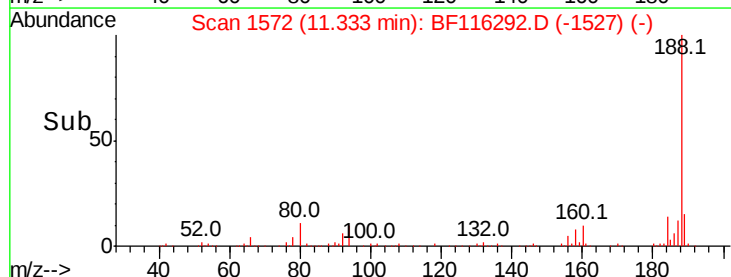
80 10.9 8.7 13.1

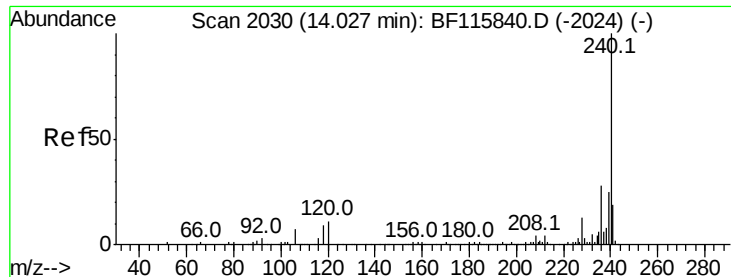


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

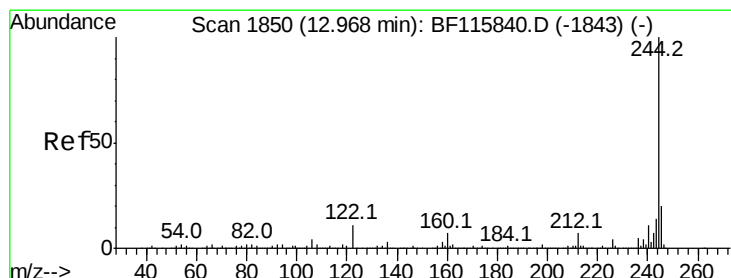
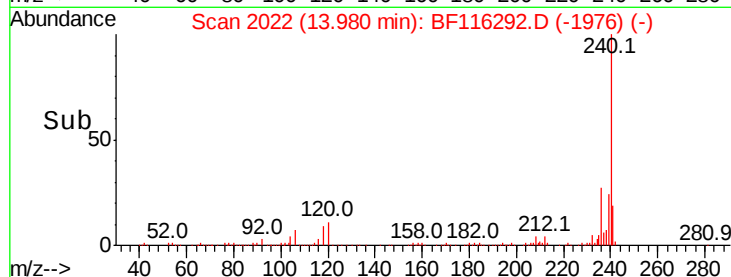
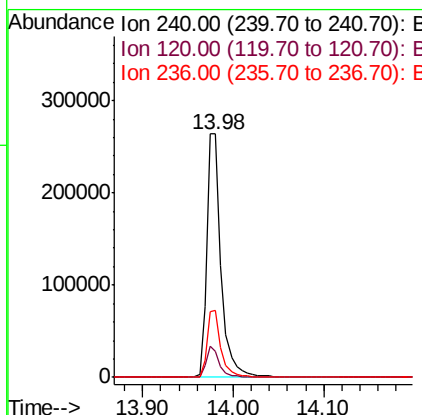
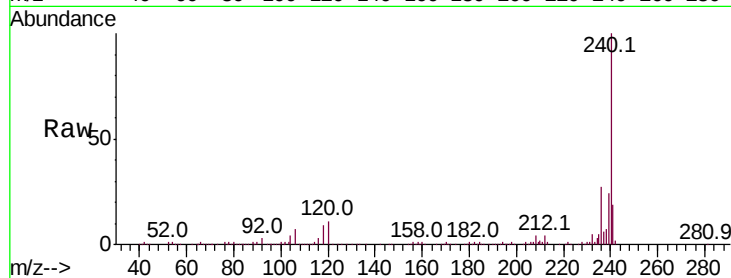




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.03 min
 Lab File: BF116292.D
 Acq: 15 Aug 2019 21:38

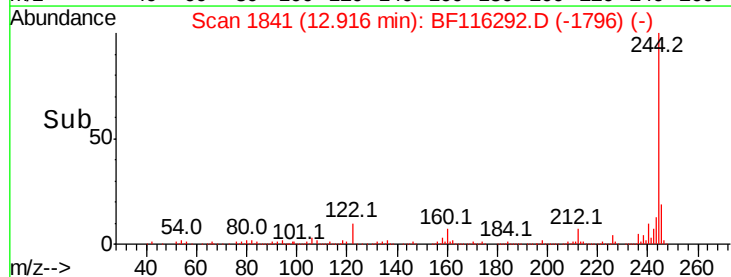
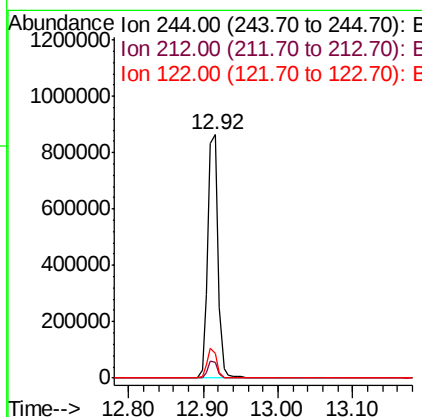
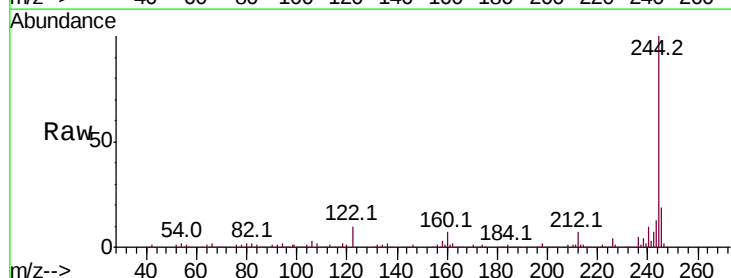
Instrument :
 BNA_F
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 TP-5

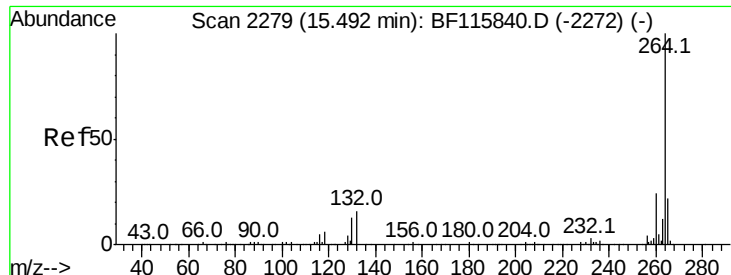
Tot Ion:240 Resp: 295095
 Ion Ratio Lower Upper
 240 100
 120 10.8 10.7 16.1
 236 27.3 22.2 33.2



#79
 Terphenyl-d14
 Concen: 59.328 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: BF116292.D
 Acq: 15 Aug 2019 21:38

Tgt Ion:244 Resp: 830844
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.2 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.04 min
 Lab File: BF116292.D
 Acq: 15 Aug 2019 21:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	22.2	17.4	26.0

