

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
 Data File : BF116121.D
 Acq On : 9 Aug 2019 19:18
 Operator : HP/JU
 Sample : K4254-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RECOVERED-CRSH-AGGREGATE-

Quant Time: Aug 10 05:12:29 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

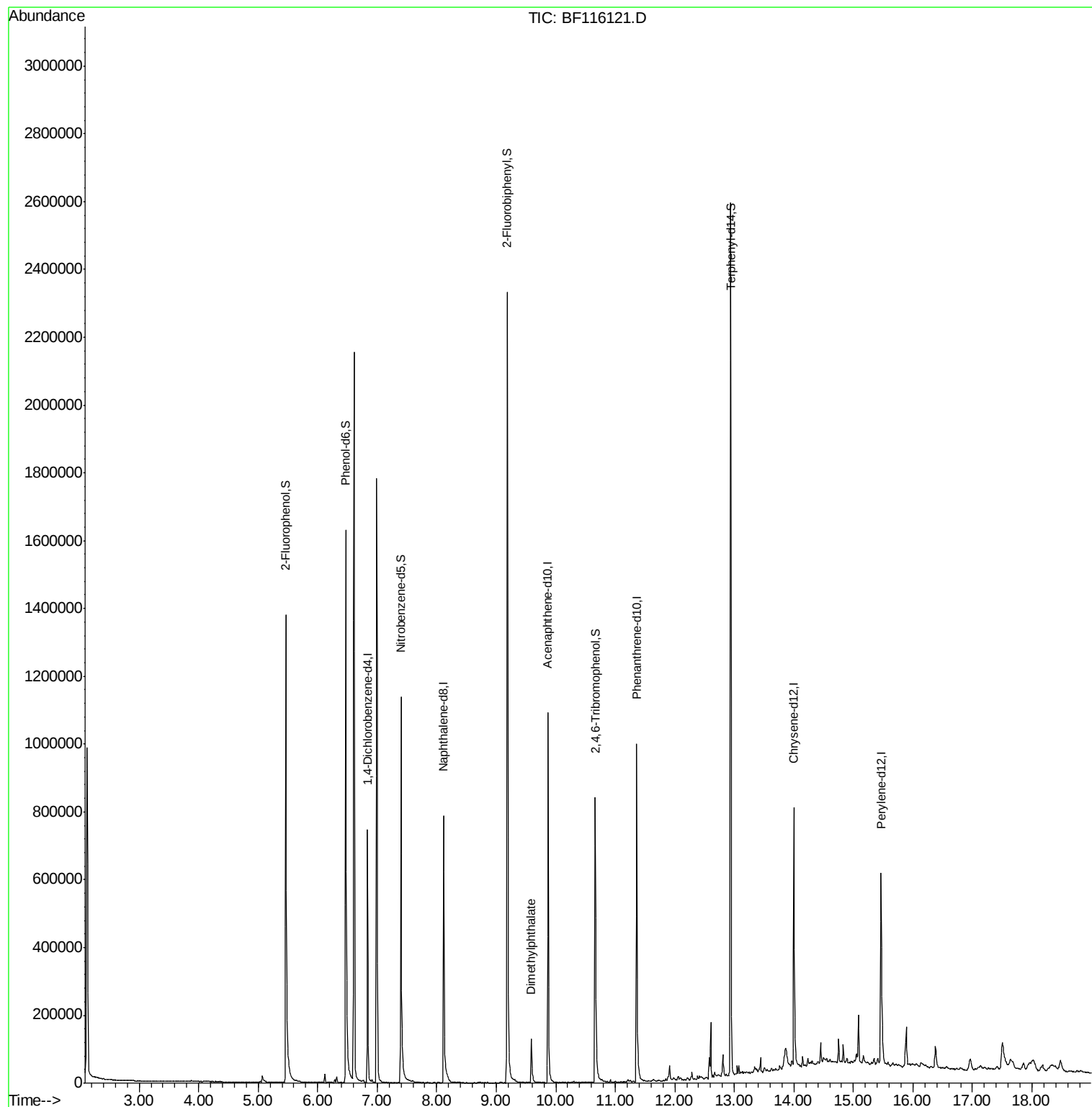
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	117461	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	460729	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	241291	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	424679	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	293648	20.00	ng	0.00
87) Perylene-d12	15.46	264	299880	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	512604	73.06	ng	0.00
7) Phenol-d6	6.47	99	702566	79.36	ng	-0.01
23) Nitrobenzene-d5	7.40	82	459406	57.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	135376	57.87	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	866051	67.23	ng	-0.01
79) Terphenyl-d14	12.94	244	896136	64.31	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	85921	5.230	ng	Qvalue 99

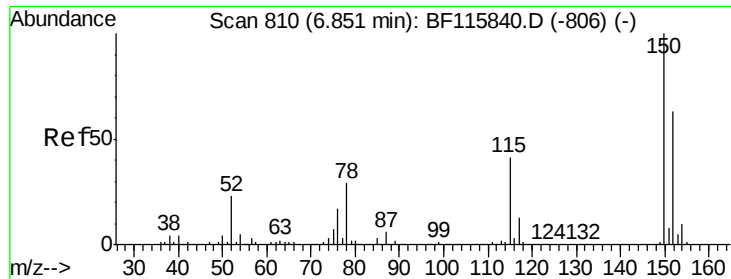
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

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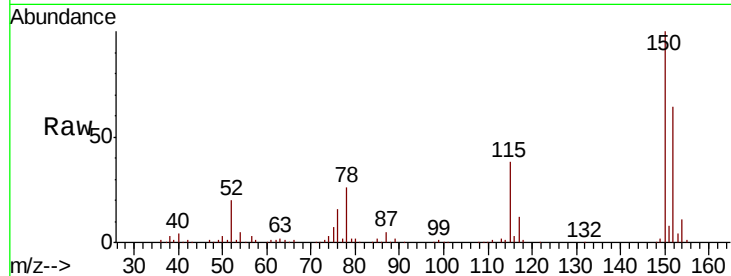
Tot Ion:152 Resp: 117461

Ion Ratio Lower Upper

152 100

150 157.2 126.2 189.2

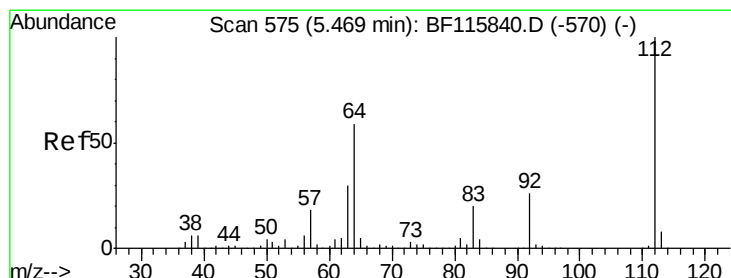
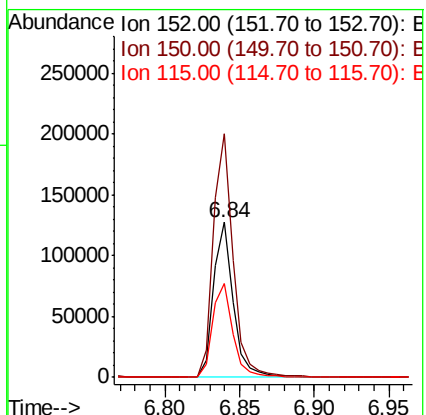
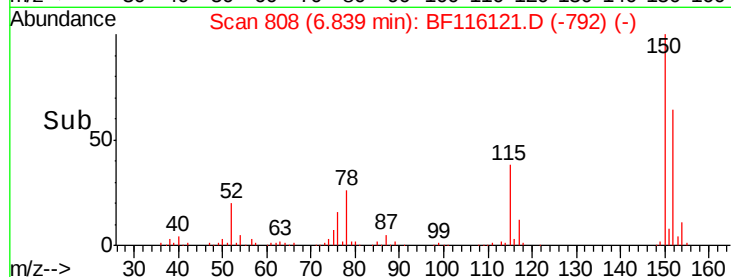
115 60.5 49.9 74.9



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: 73.057 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

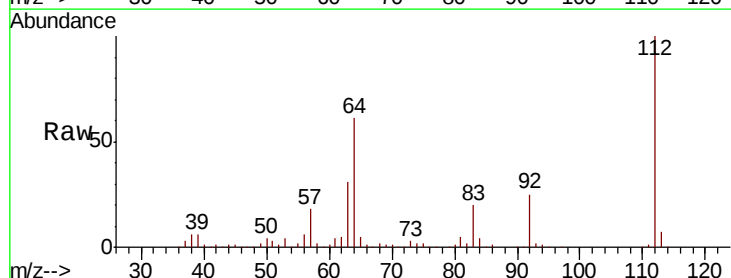
Tgt Ion:112 Resp: 512604

Ion Ratio Lower Upper

112 100

64 60.7 45.4 68.2

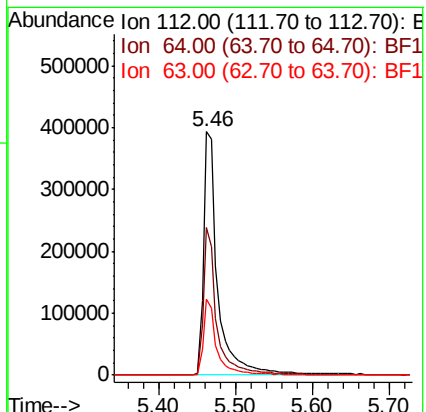
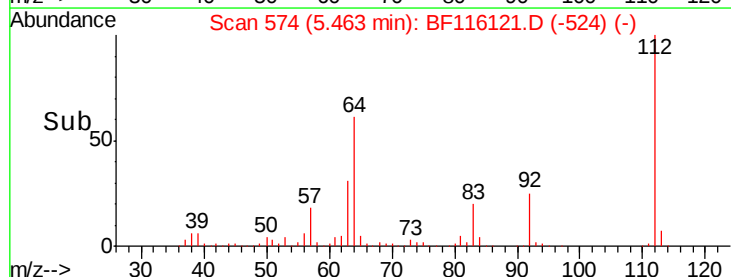
63 31.1 23.7 35.5

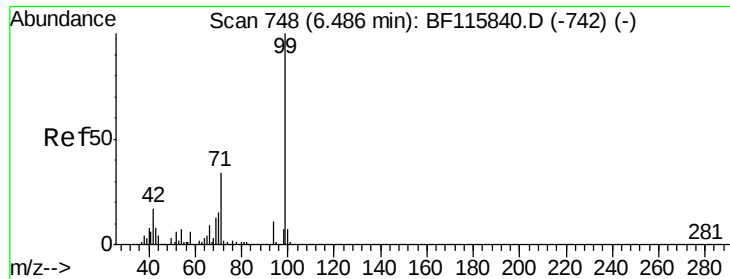


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 79.363 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

Instrument :

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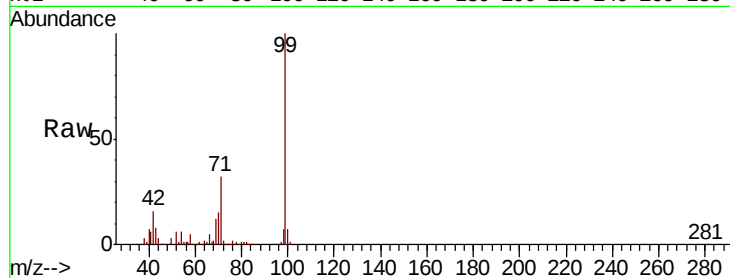
Tot Ion: 99 Resp: 702566

Ion Ratio Lower Upper

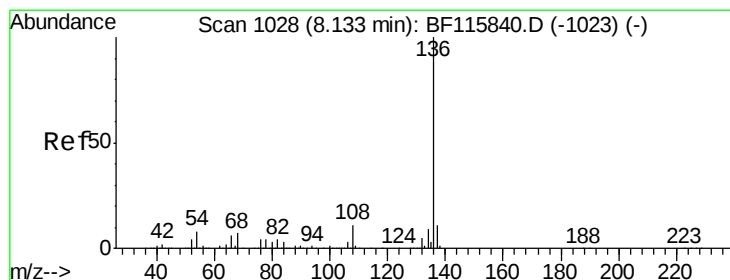
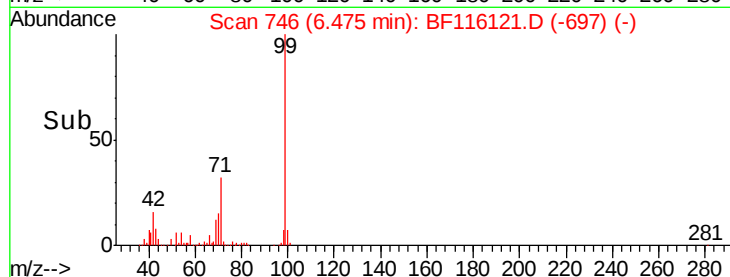
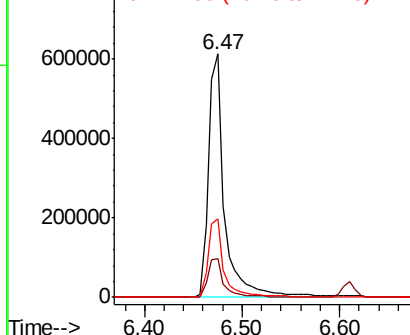
99 100

42 16.1 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: BF116121.D

Acq: 9 Aug 2019 19:18

Tgt Ion: 136 Resp: 460729

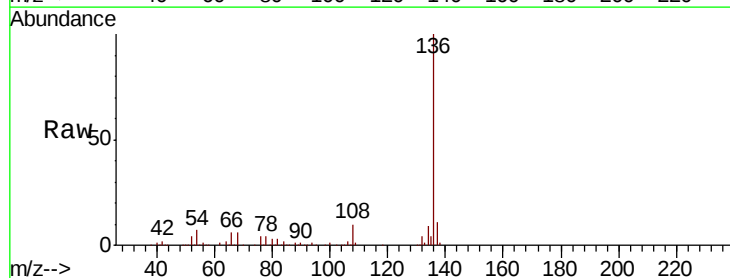
Ion Ratio Lower Upper

136 100

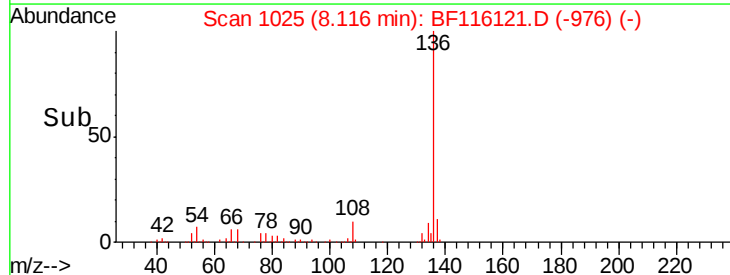
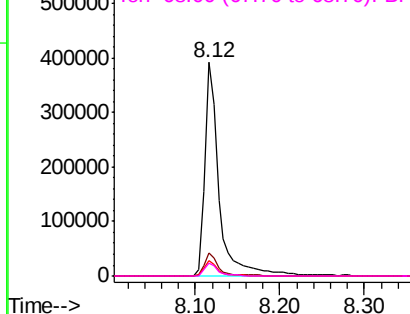
137 11.1 9.0 13.4

54 7.2 5.8 8.6

68 6.3 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

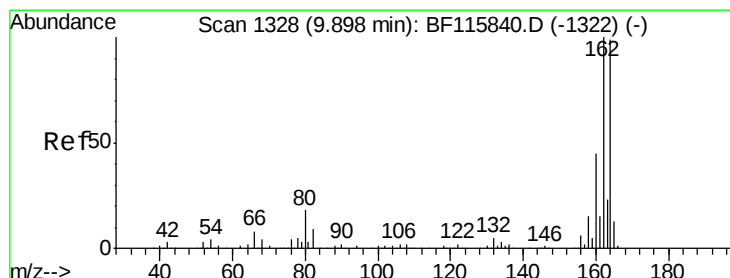
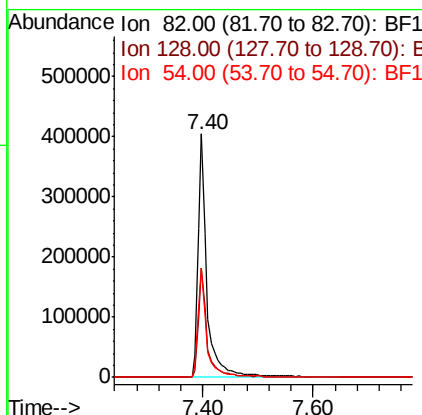
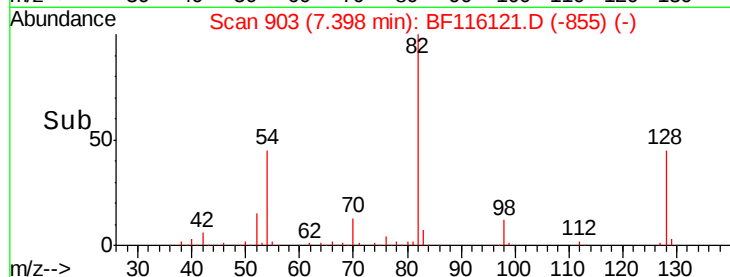
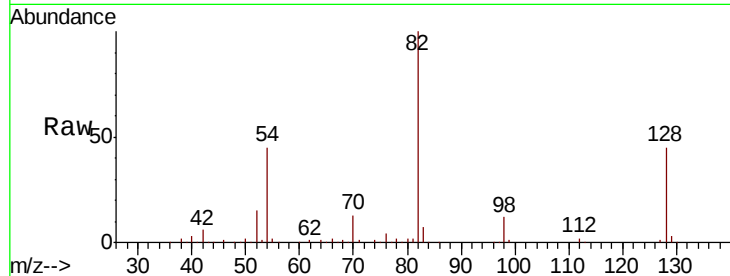




#23
 Nitrobenzene-d5
 Concen: 57.557 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116121.D
 Acq: 9 Aug 2019 19:18

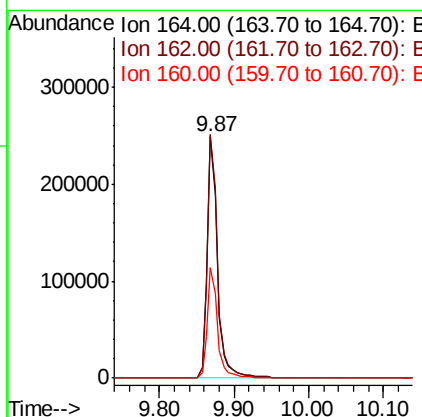
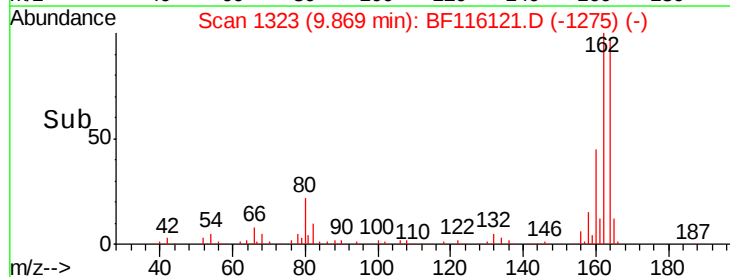
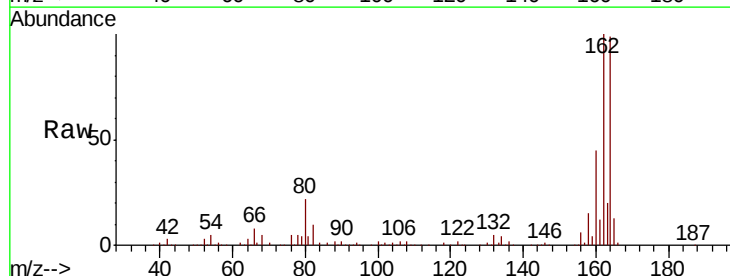
Instrument :
 BNA_F
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 RECOVERED-CRSH-AGGREGATE-

Tot Ion: 82 Resp: 459406
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.5 54.7
 54 44.8 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: BF116121.D
 Acq: 9 Aug 2019 19:18

Tgt Ion: 164 Resp: 241291
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 124.0
 160 45.7 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 57.868 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

Instrument :

BNA_F

ClientSampleId :

RECOVERED-CRSH-AGGREGATE-

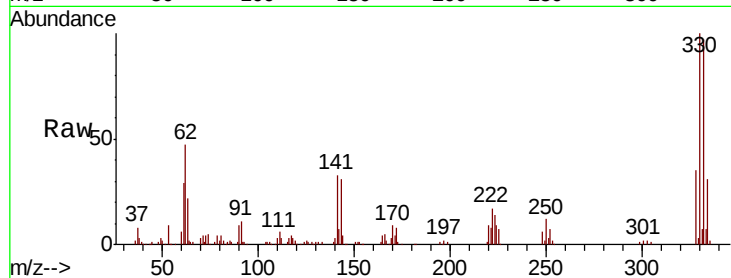
Tot Ion:330 Resp: 135376

Ion Ratio Lower Upper

330 100

332 97.7 76.8 115.2

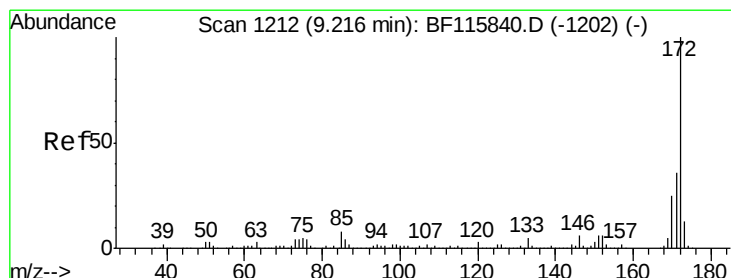
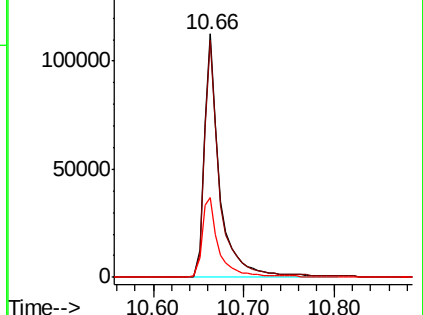
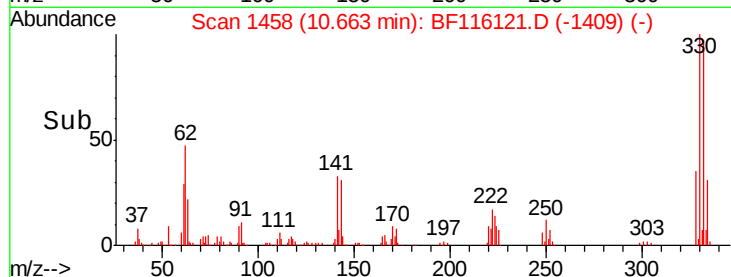
141 35.9 26.3 39.5



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: 67.229 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

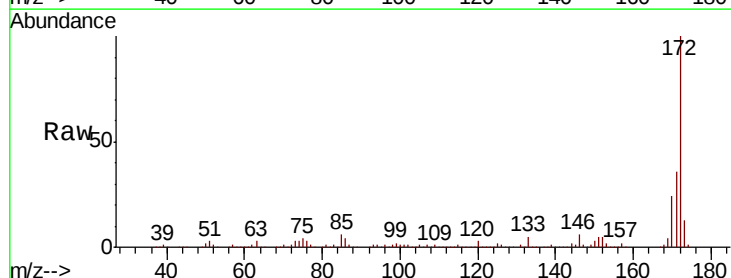
Tgt Ion:172 Resp: 866051

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

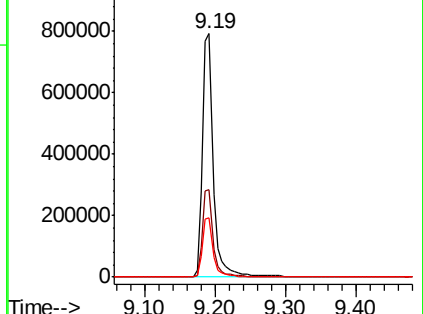
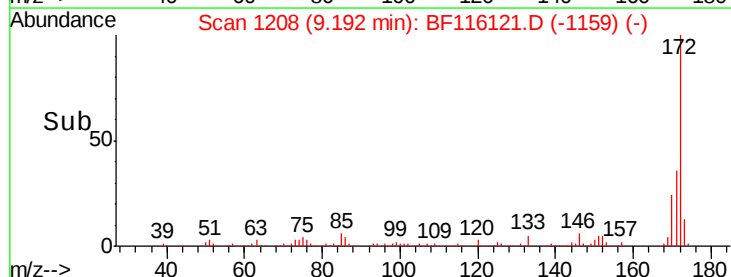
170 24.3 20.1 30.1

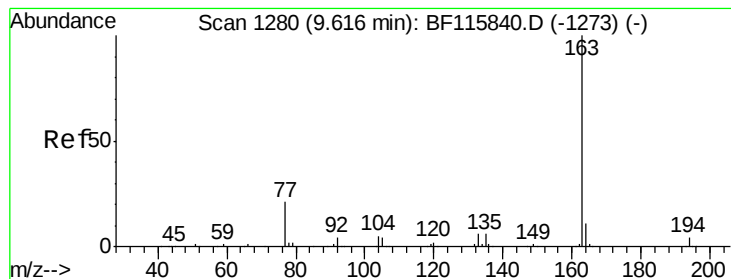


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.230 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

Instrument :

BNA_F

ClientSampleId :

RECOVERED-CRSH-AGGREGATE-

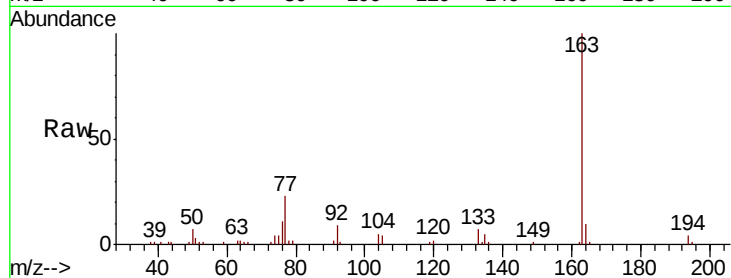
Tot Ion:163 Resp: 85921

Ion Ratio Lower Upper

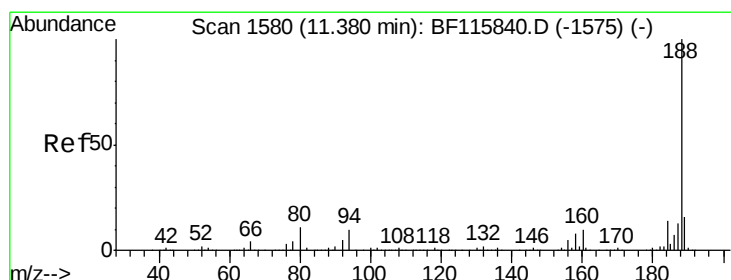
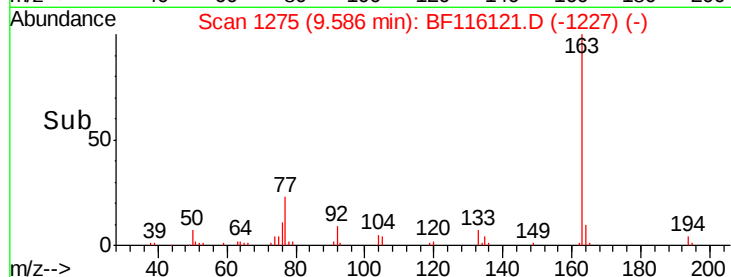
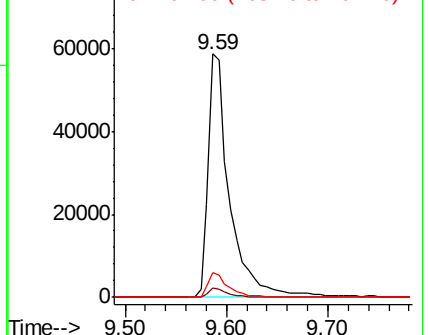
163 100

194 3.7 3.0 4.6

164 10.3 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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

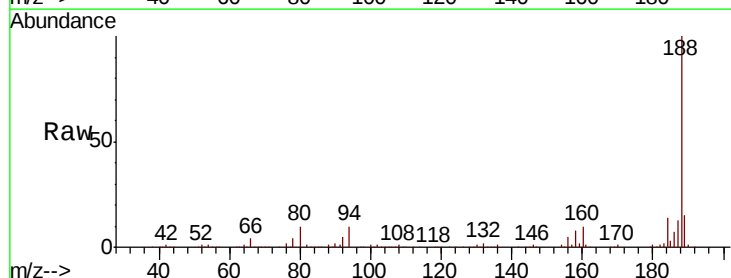
Tgt Ion:188 Resp: 424679

Ion Ratio Lower Upper

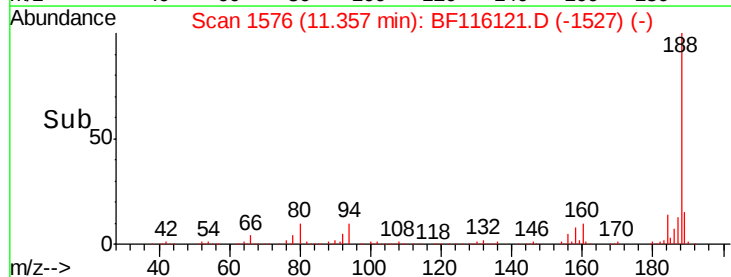
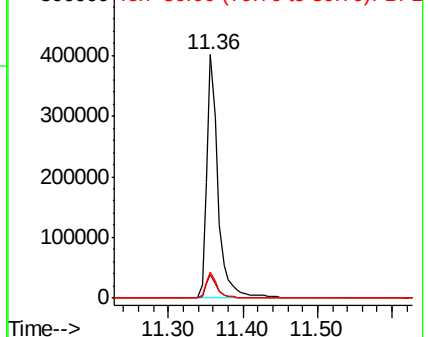
188 100

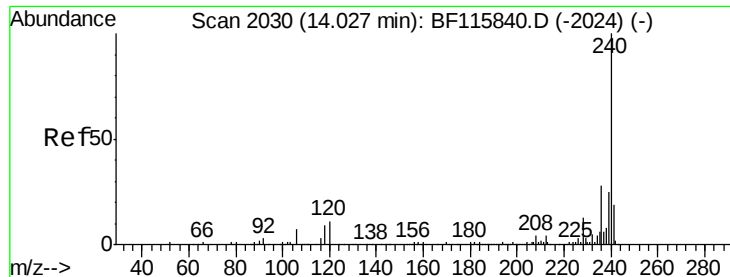
94 9.9 8.1 12.1

80 10.5 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: BF116121.D

Acq: 9 Aug 2019 19:18

Instrument :

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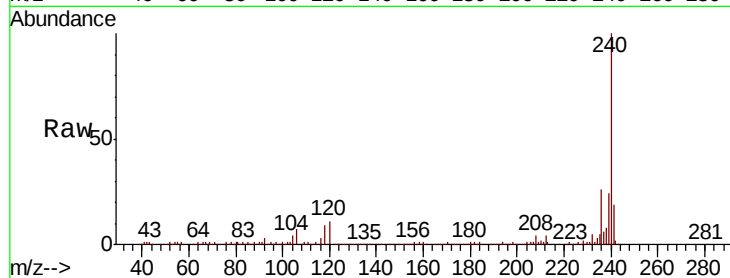
Tot Ion:240 Resp: 293648

Ion Ratio Lower Upper

240 100

120 10.6 10.7 16.1#

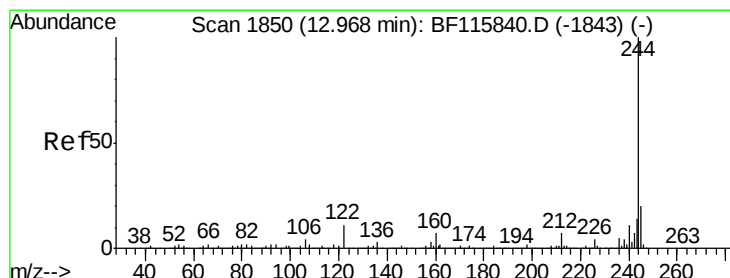
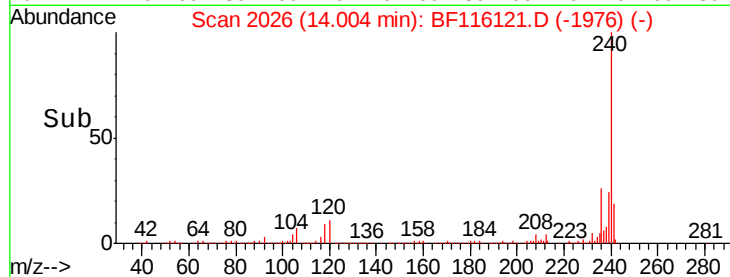
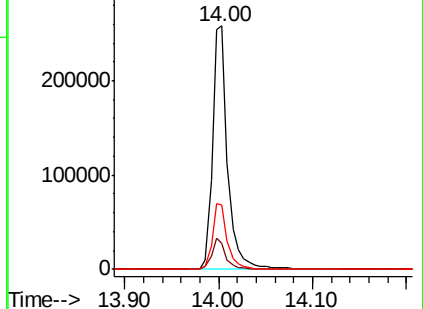
236 26.4 22.2 33.2



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: 64.305 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116121.D

Acq: 9 Aug 2019 19:18

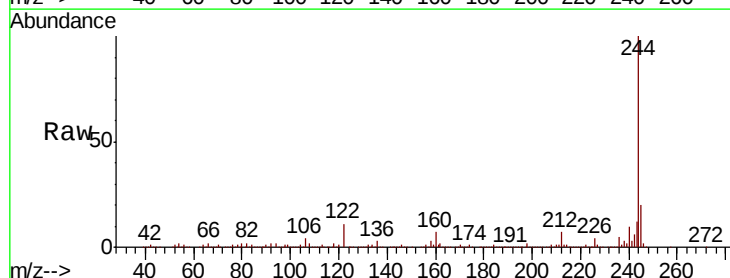
Tgt Ion:244 Resp: 896136

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

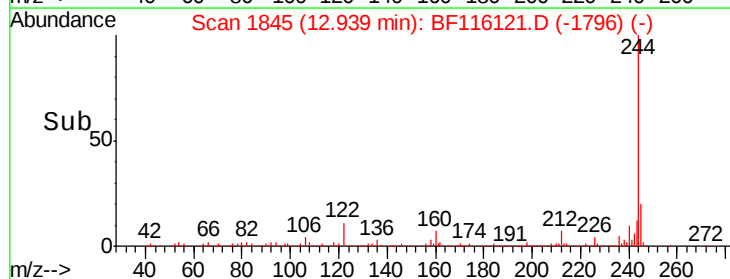
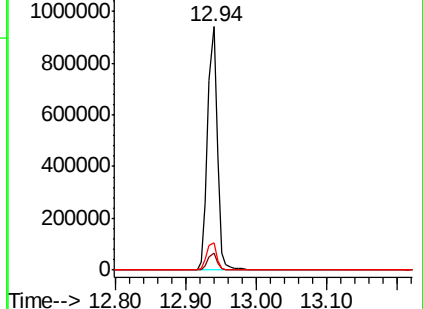
122 11.2 9.0 13.4

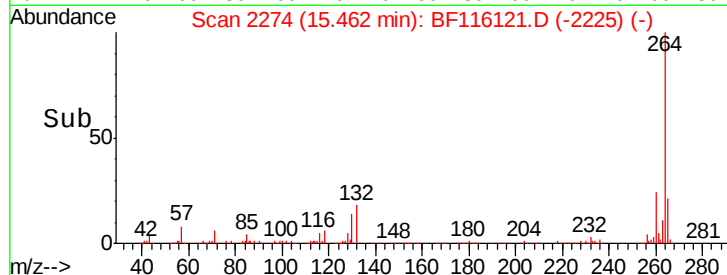
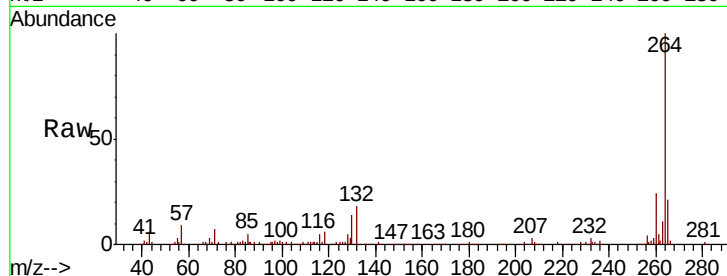
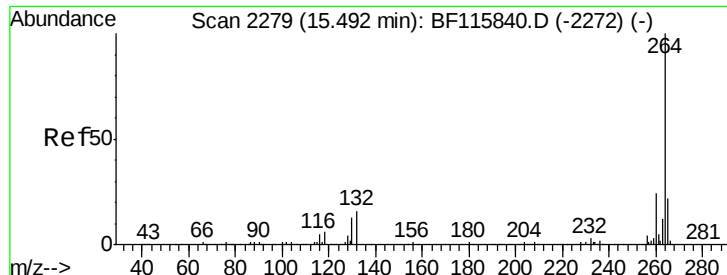


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116121.D
Acq: 9 Aug 2019 19:18

Instrument :
BNA_F
ClientSampleId :
RECOVERED-CRSH-AGGREGATE-

Tot Ion:	264	Resp:	299880
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.4	17.4	26.0

