

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114383.D
 Acq On : 18 May 2019 11:44
 Operator : JU/SJ
 Sample : PB119779BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119779BL

Quant Time: May 20 04:56:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	227824	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	874251	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	407438	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	832268	20.00	ng	0.00
76) Chrysene-d12	13.99	240	599065	20.00	ng	-0.01
87) Perylene-d12	15.46	264	528980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1468208	103.71	ng	0.00
7) Phenol-d6	6.48	99	1918037	114.55	ng	0.00
23) Nitrobenzene-d5	7.40	82	1191747	76.50	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	455506	108.14	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2089967	77.59	ng	0.00
79) Terphenyl-d14	12.94	244	2159543	74.31	ng	0.00

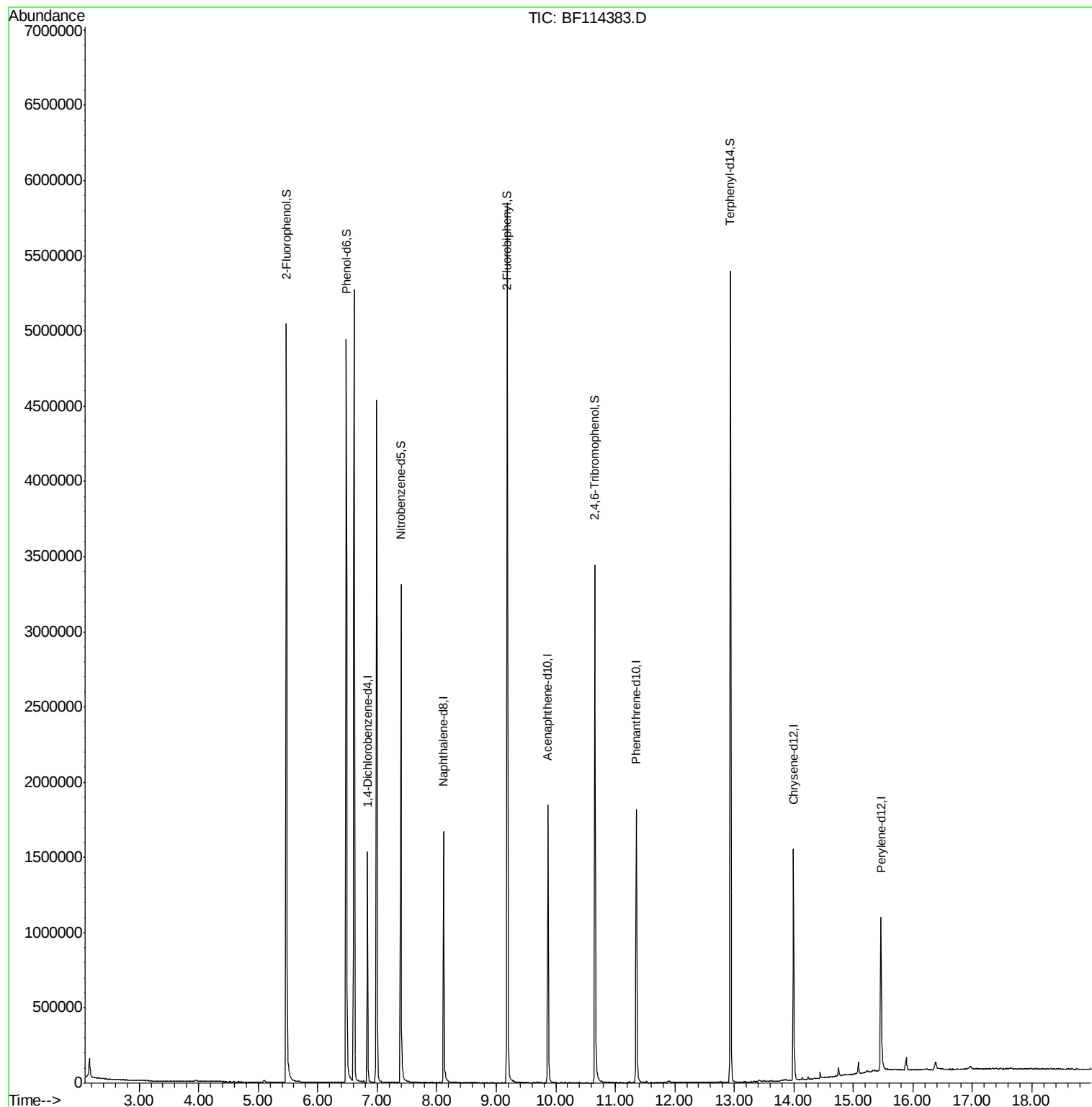
Target Compounds	Qvalue
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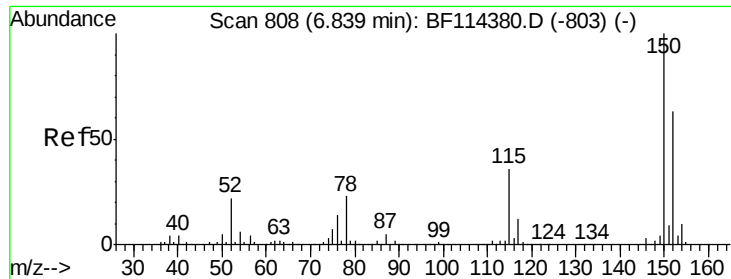
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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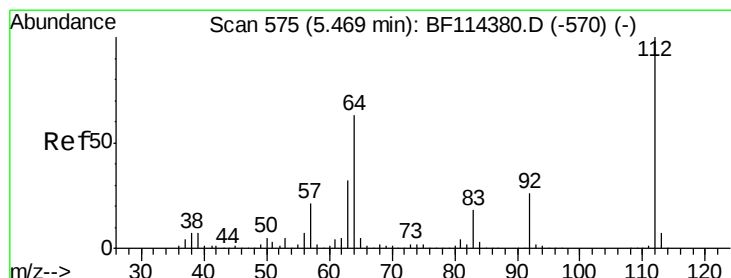
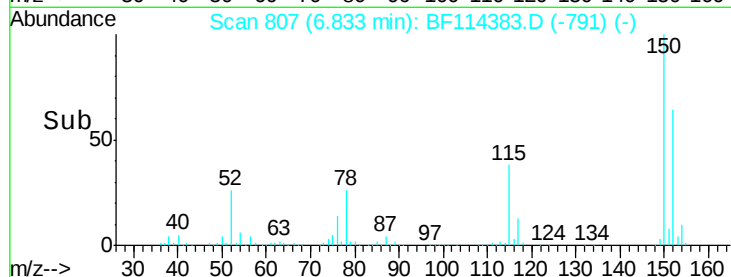
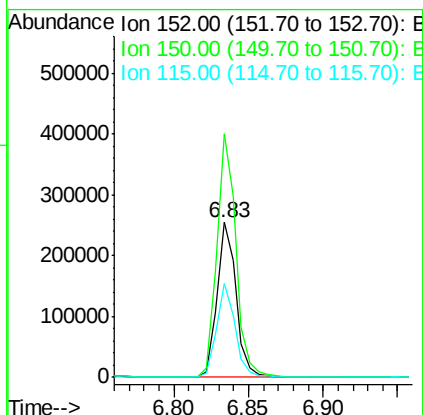
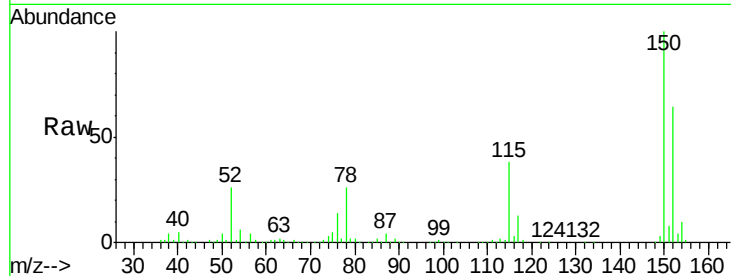


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF114383.D
Acq: 18 May 2019 11:44

Instrument :
BNA_F
ClientSampleId :
PB119779BL

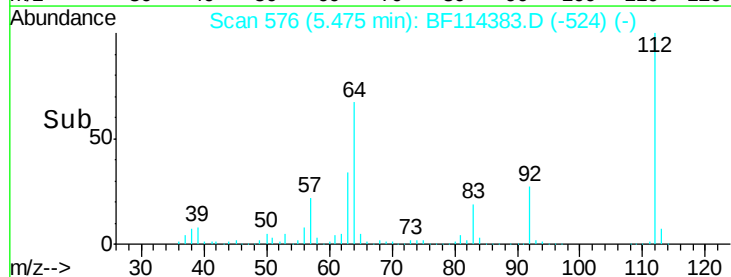
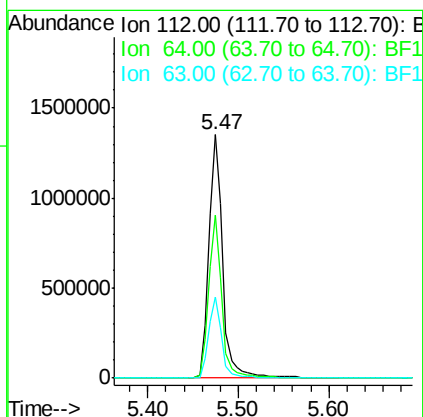
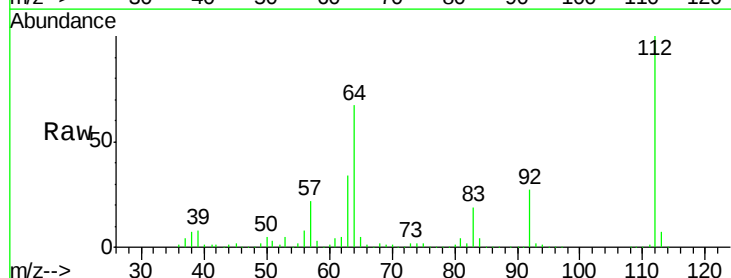
Tgt Ion:152 Resp: 227824
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 60.3 49.1 73.7



#5

2-Fluorophenol
Concen: 103.709 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF114383.D
Acq: 18 May 2019 11:44

Tgt Ion:112 Resp: 1468208
Ion Ratio Lower Upper
112 100
64 66.7 49.0 73.6
63 33.5 24.6 37.0





#7

Phenol-d6

Concen: 114.551 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114383.D

Acq: 18 May 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB119779BL

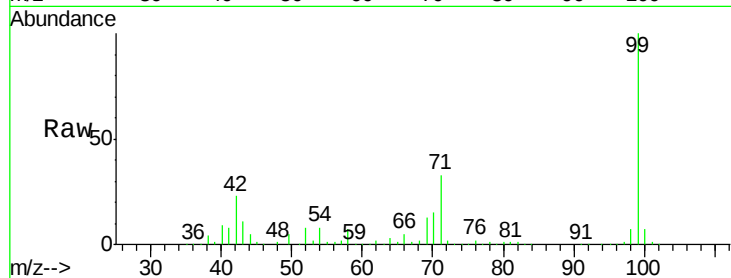
Tgt Ion: 99 Resp: 1918037

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

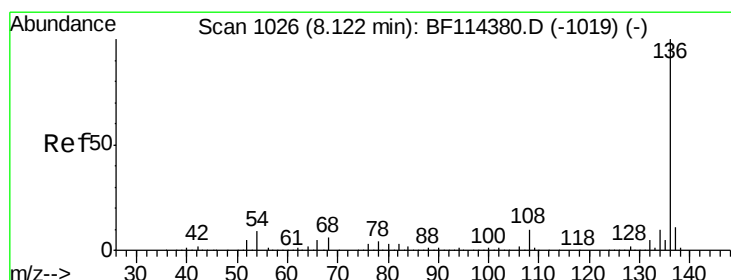
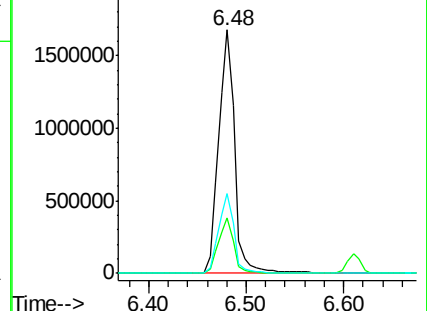
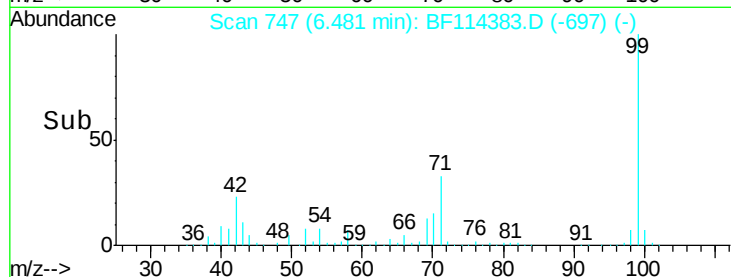
71 32.8 26.2 39.2



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: BF114383.D

Acq: 18 May 2019 11:44

Tgt Ion: 136 Resp: 874251

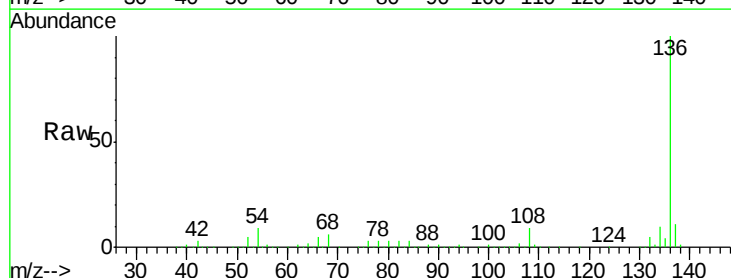
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.0 7.8 11.8

68 6.3 5.1 7.7

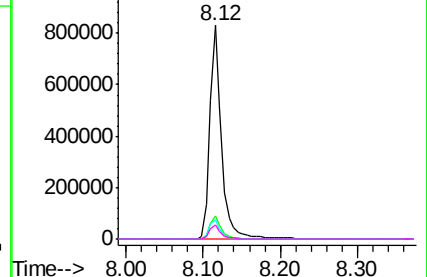
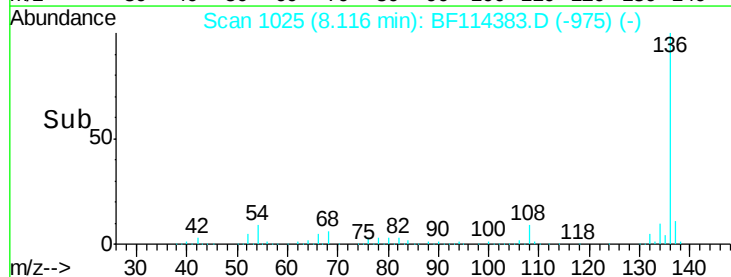


Abundance Ion 136.00 (135.70 to 136.70): E

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

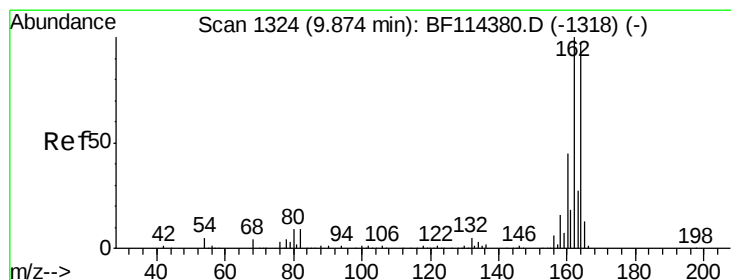
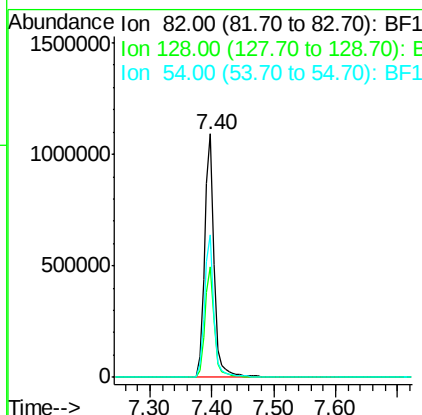
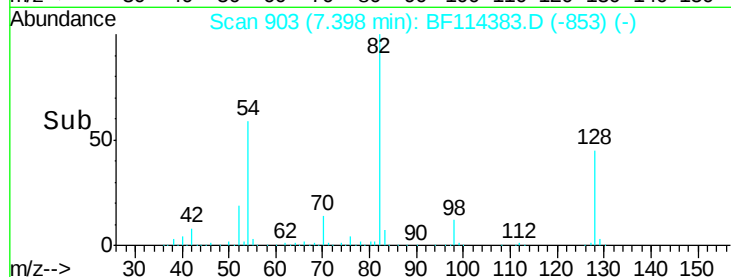
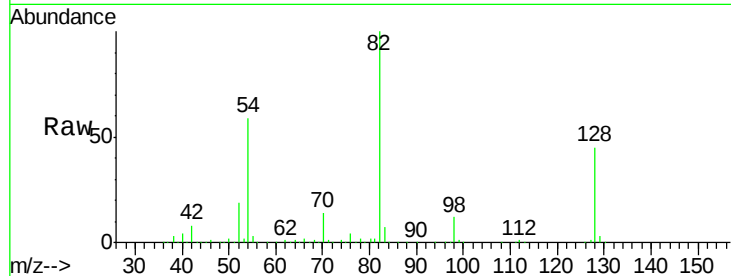




#23
 Nitrobenzene-d5
 Concen: 76.501 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF114383.D
 Acq: 18 May 2019 11:44

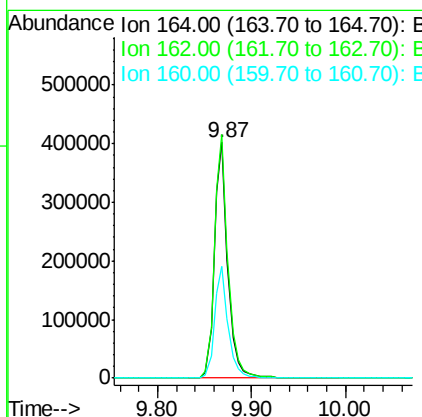
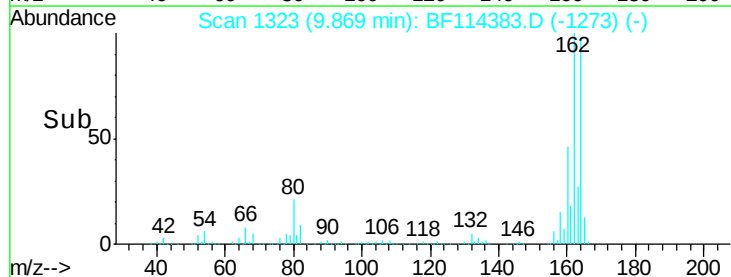
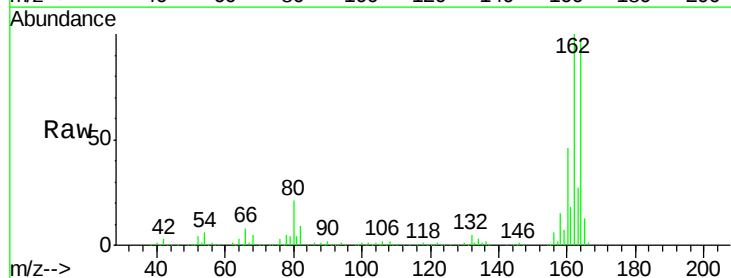
Instrument :
 BNA_F
 ClientSampleId :
 PB119779BL

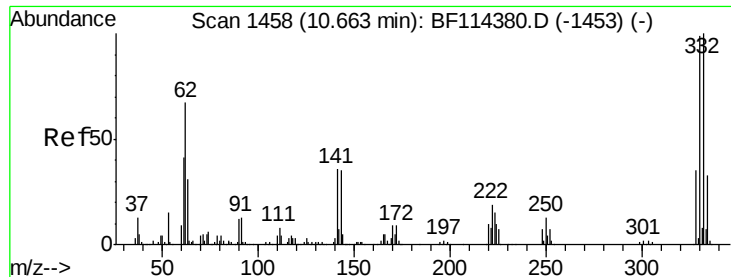
Tgt Ion: 82 Resp: 1191747
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.5 53.3
 54 58.6 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114383.D
 Acq: 18 May 2019 11:44

Tgt Ion: 164 Resp: 407438
 Ion Ratio Lower Upper
 164 100
 162 103.3 80.6 120.8
 160 47.2 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 108.139 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114383.D

Acq: 18 May 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB119779BL

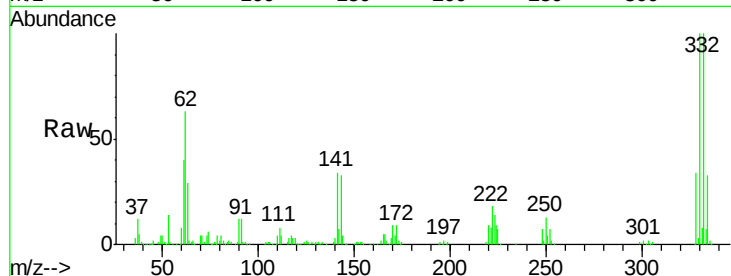
Tgt Ion:330 Resp: 455506

Ion Ratio Lower Upper

330 100

332 101.9 81.4 122.2

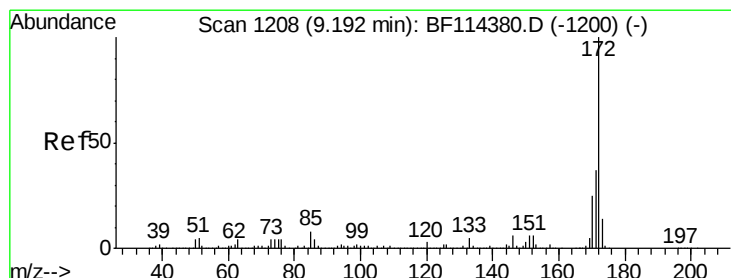
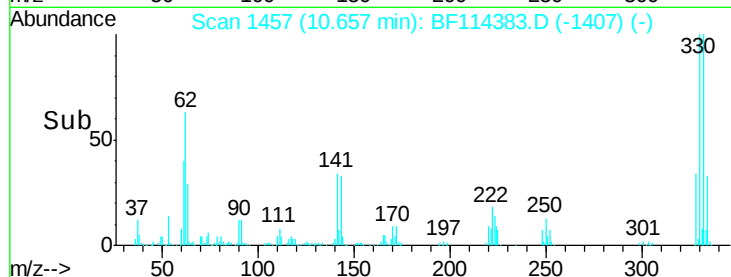
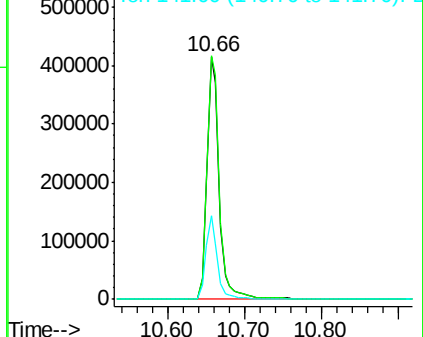
141 32.4 26.6 40.0



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: 77.593 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114383.D

Acq: 18 May 2019 11:44

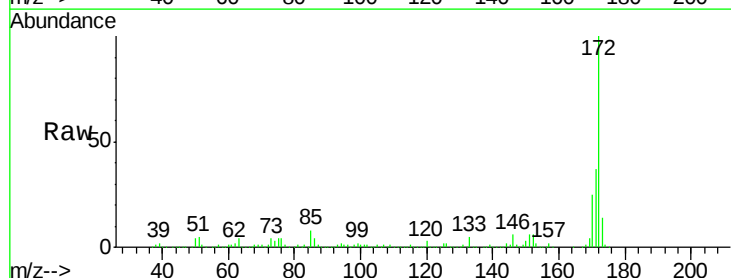
Tgt Ion:172 Resp: 2089967

Ion Ratio Lower Upper

172 100

171 36.9 30.7 46.1

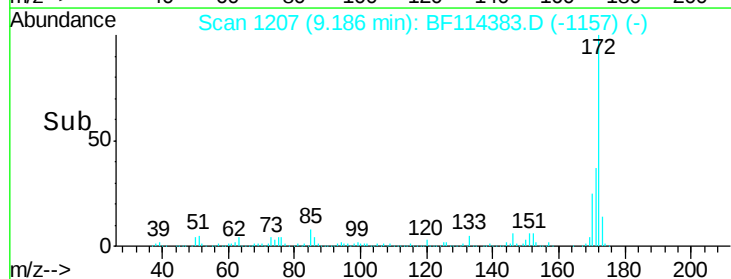
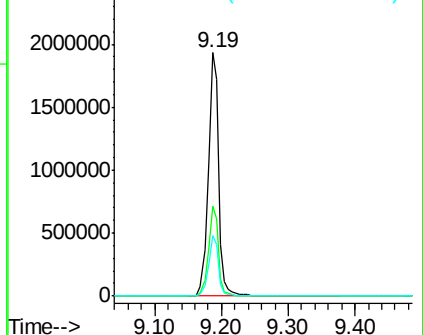
170 24.7 20.5 30.7

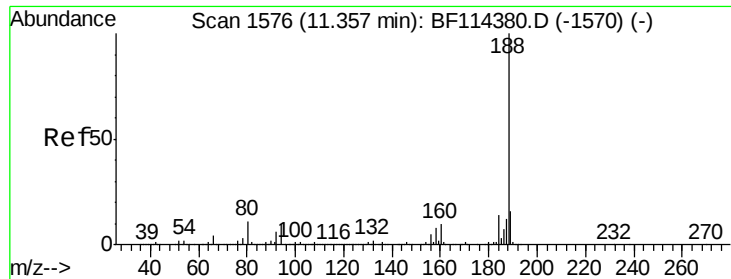


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

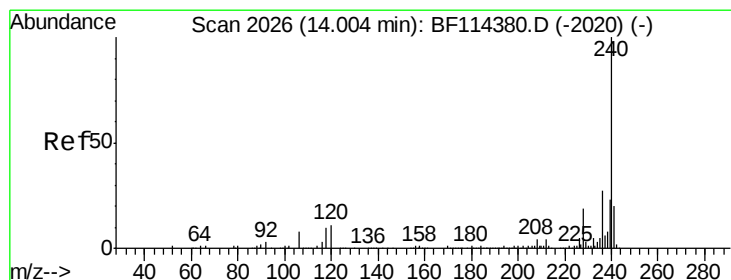
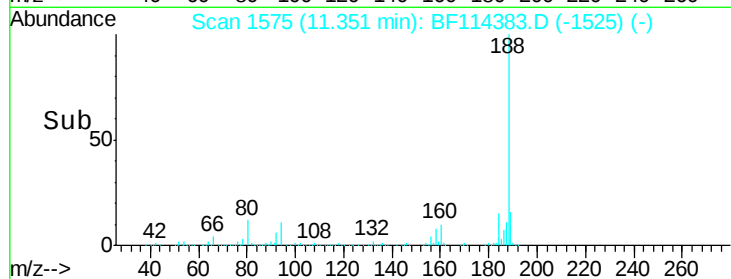
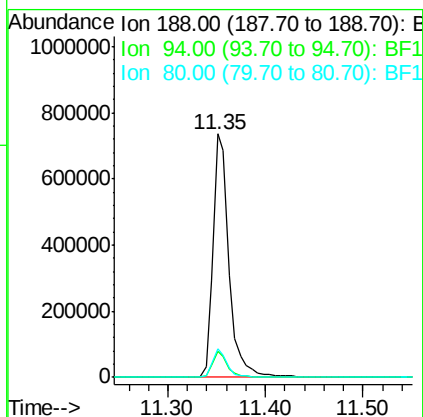
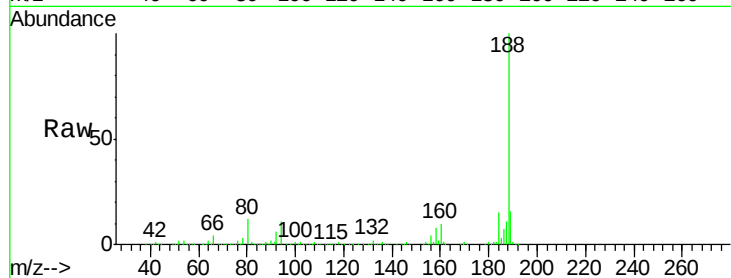




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114383.D
Acq: 18 May 2019 11:44

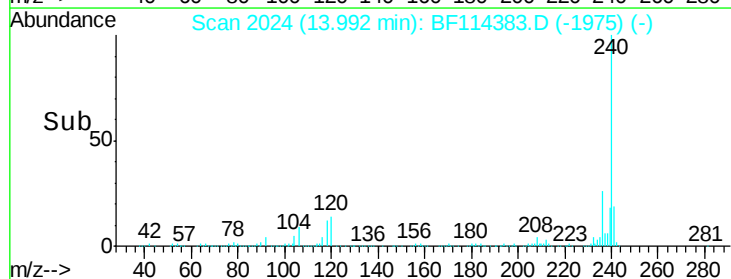
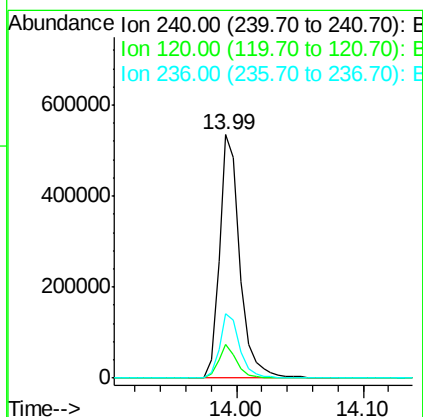
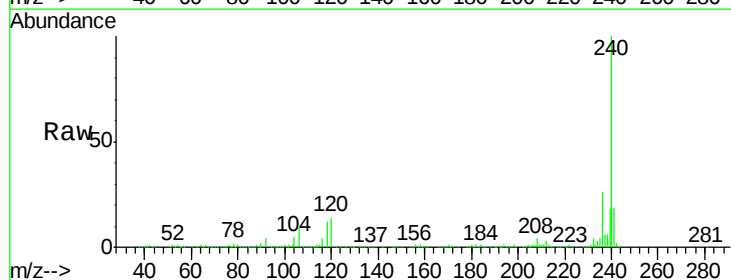
Instrument :
BNA_F
ClientSampleId :
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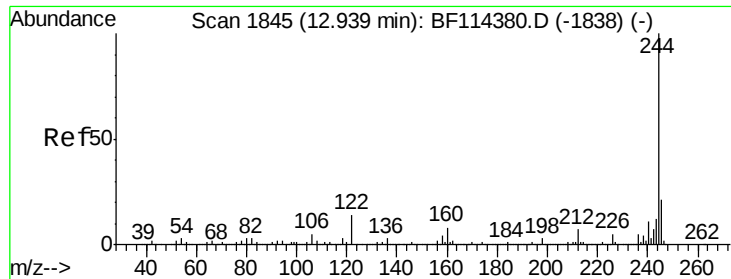
Tgt Ion:188 Resp: 832268
Ion Ratio Lower Upper
188 100
94 10.9 8.4 12.6
80 11.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF114383.D
Acq: 18 May 2019 11:44

Tgt Ion:240 Resp: 599065
Ion Ratio Lower Upper
240 100
120 13.8 8.3 12.5#
236 26.2 20.8 31.2





#79

Terphenyl-d14

Concen: 74.312 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF114383.D

Acq: 18 May 2019 11:44

Instrument :

BNA_F

ClientSampleId :

PB119779BL

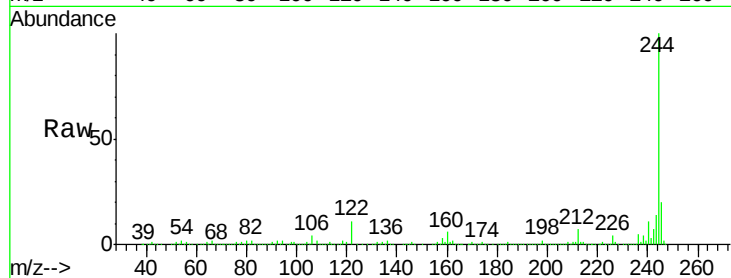
Tgt Ion:244 Resp: 2159543

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.6

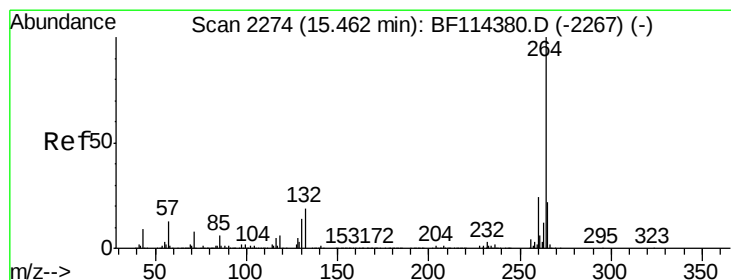
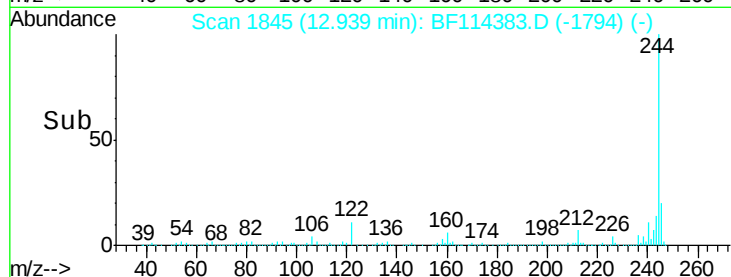
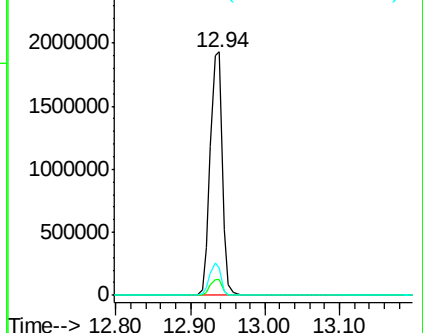
122 11.1 9.4 14.2



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: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF114383.D

Acq: 18 May 2019 11:44

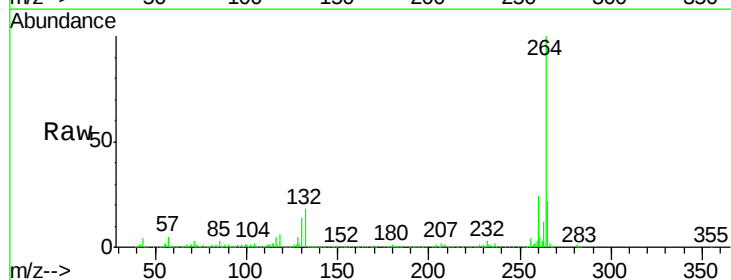
Tgt Ion:264 Resp: 528980

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 21.7 16.9 25.3



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

