

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114559.D
 Acq On : 24 May 2019 10:16
 Operator : JU/SJ
 Sample : PB119776BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Quant Time: May 24 11:55:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	171625	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	659772	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	319174	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	667271	20.00	ng	0.00
76) Chrysene-d12	13.98	240	520673	20.00	ng	0.00
87) Perylene-d12	15.44	264	470823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1380009	129.40	ng	0.01
7) Phenol-d6	6.46	99	1809754	143.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	1112216	94.60	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	446451	135.30	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2053893	97.34	ng	0.00
79) Terphenyl-d14	12.92	244	2208188	87.43	ng	0.00

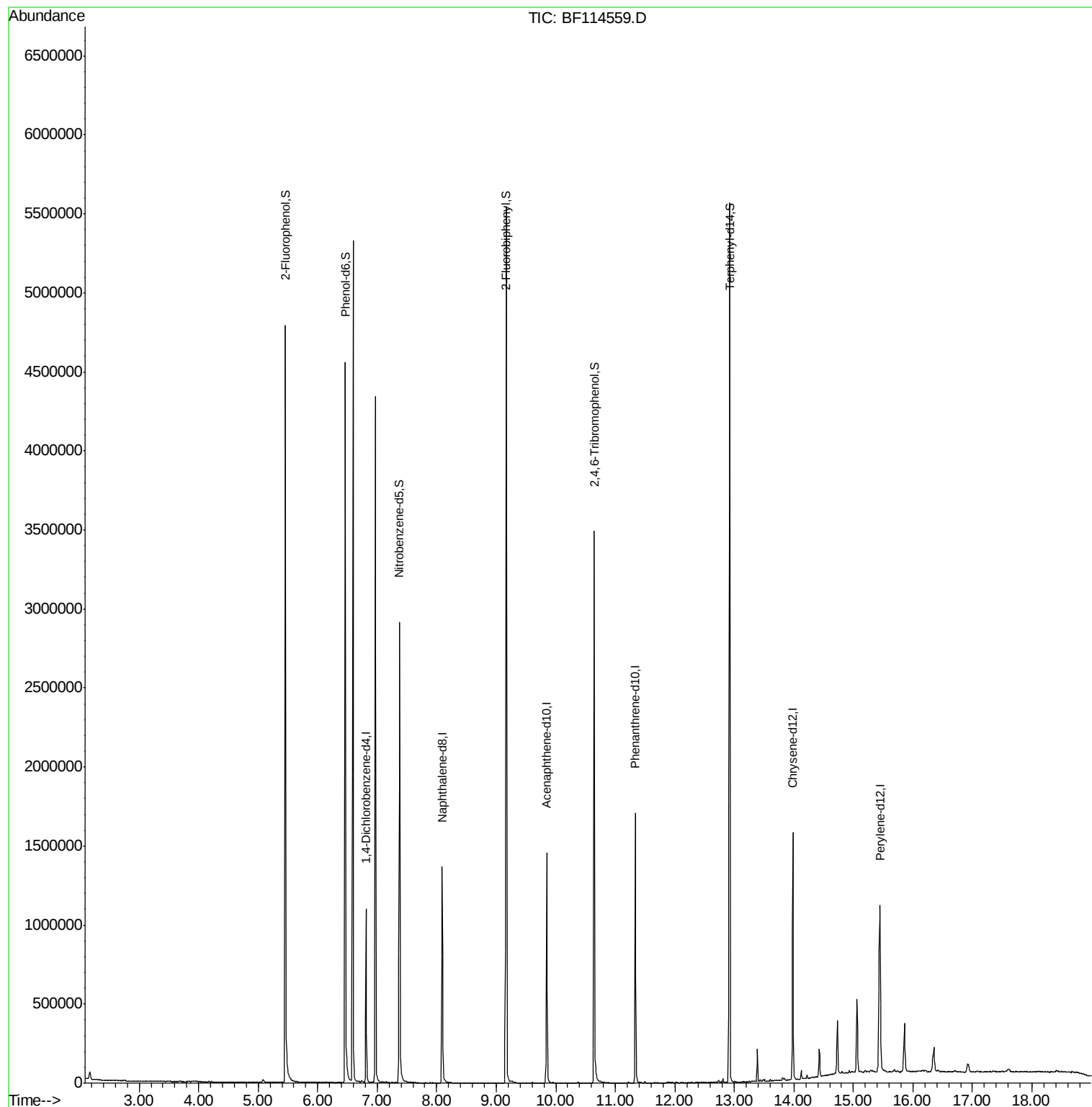
Target Compounds Qvalue

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

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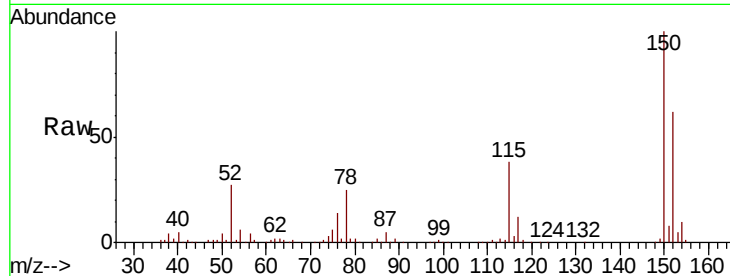




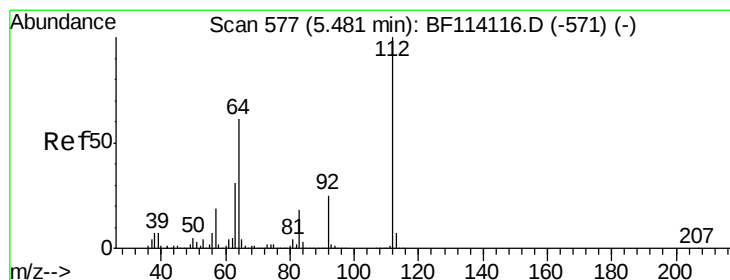
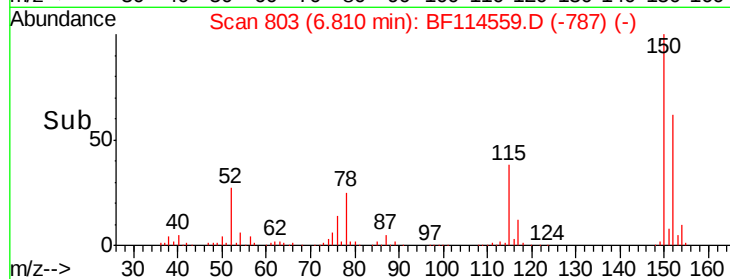
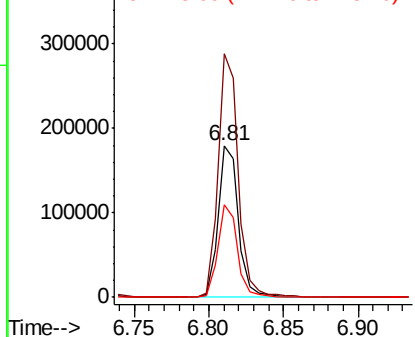
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF114559.D
 Acq: 24 May 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Tot Ion:152 Resp: 171625
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.3 186.5
 115 60.8 49.1 73.7

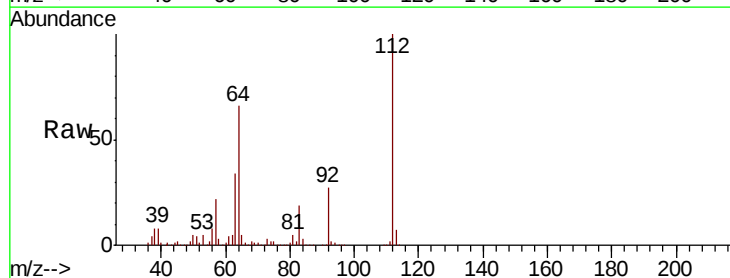


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

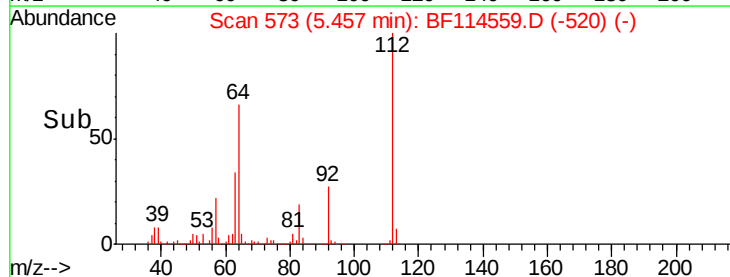
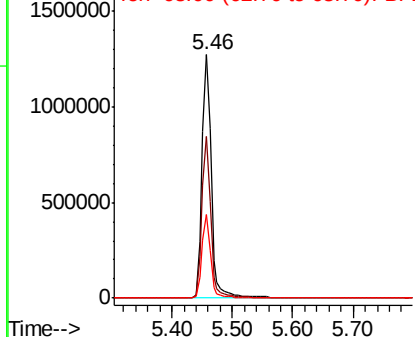


#5
 2-Fluorophenol
 Concen: 129.398 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF114559.D
 Acq: 24 May 2019 10:16

Tgt Ion:112 Resp: 1380009
 Ion Ratio Lower Upper
 112 100
 64 66.4 49.0 73.6
 63 34.4 24.6 37.0



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: 143.476 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB119776BL

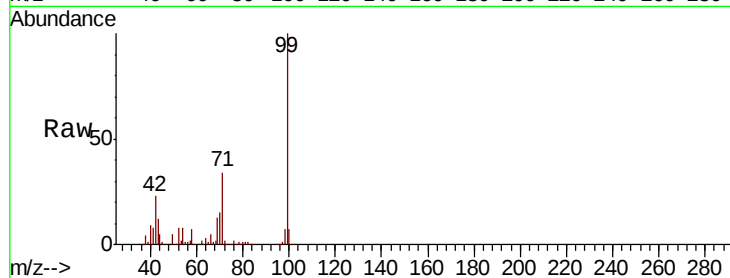
Tot Ion: 99 Resp: 1809754

Ion Ratio Lower Upper

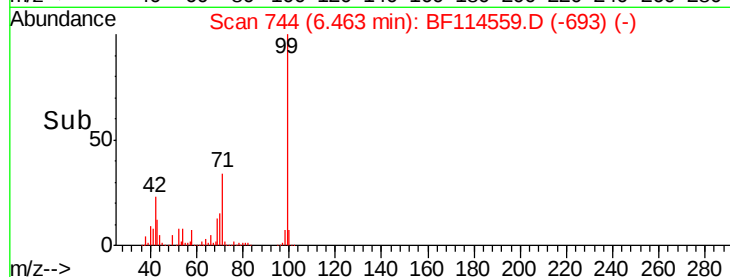
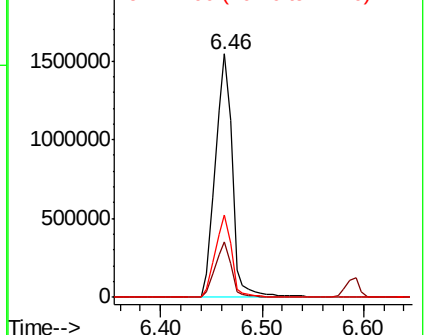
99 100

42 22.8 17.9 26.9

71 34.0 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: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

Tgt Ion: 136 Resp: 659772

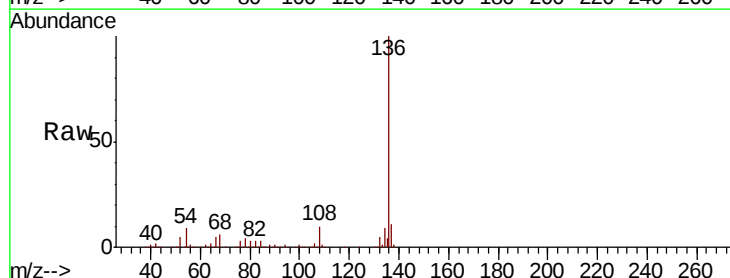
Ion Ratio Lower Upper

136 100

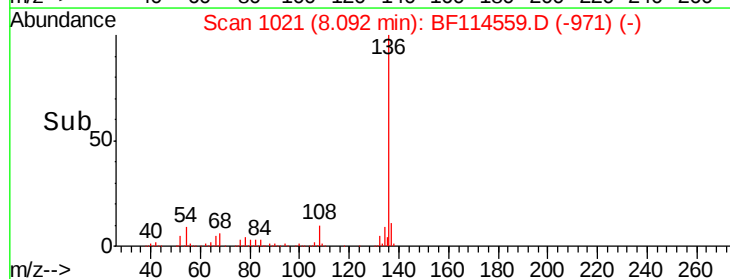
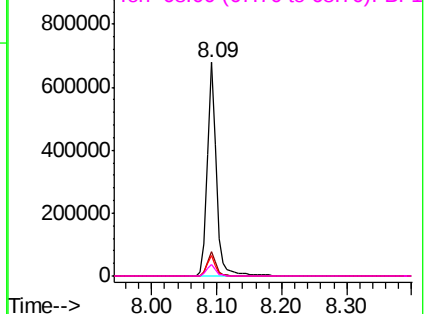
137 11.4 8.8 13.2

54 9.4 7.8 11.8

68 5.7 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

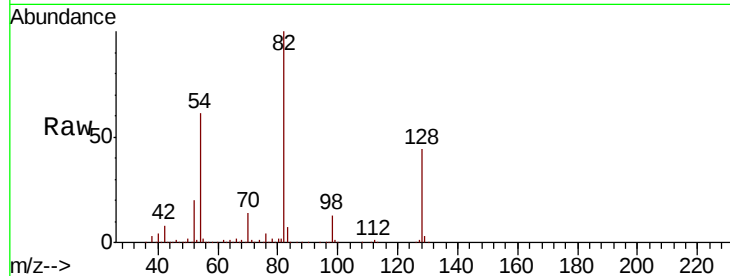




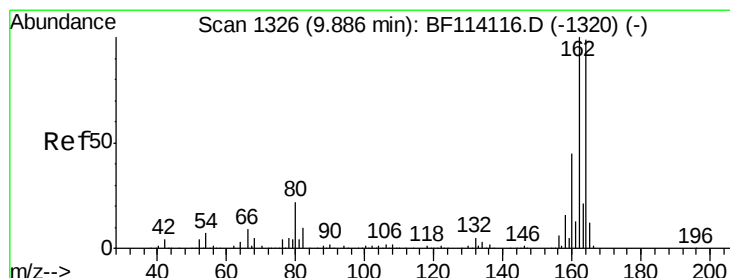
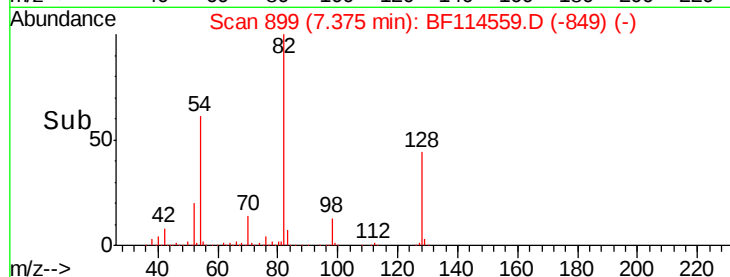
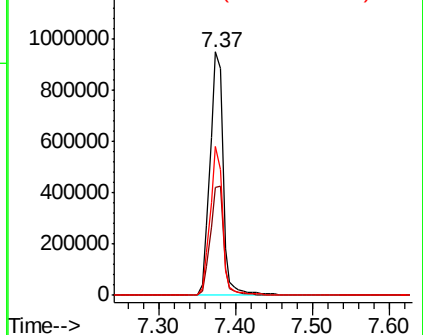
#23
Nitrobenzene-d5
Concen: 94.605 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114559.D
Acq: 24 May 2019 10:16

Instrument :
BNA_F
ClientSampleId :
PB119776BL

Tot Ion: 82 Resp: 1112216
Ion Ratio Lower Upper
82 100
128 44.2 35.5 53.3
54 61.3 48.5 72.7

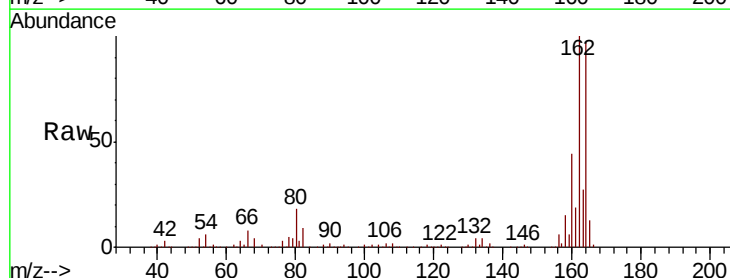


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

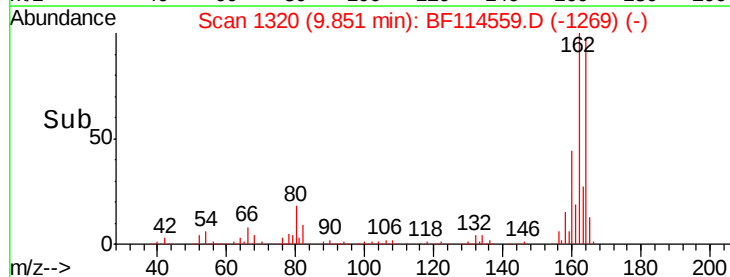
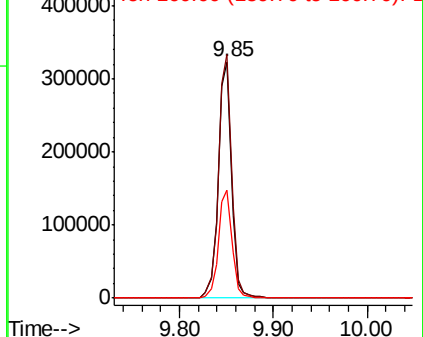


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF114559.D
Acq: 24 May 2019 10:16

Tgt Ion:164 Resp: 319174
Ion Ratio Lower Upper
164 100
162 103.1 80.6 120.8
160 45.5 36.5 54.7



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





#42

2,4,6-Tribromophenol

Concen: 135.300 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

Instrument :

BNA_F

ClientSampleId :

PB119776BL

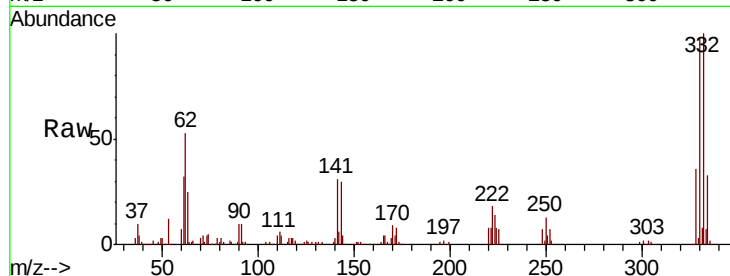
Tot Ion:330 Resp: 446451

Ion Ratio Lower Upper

330 100

332 101.4 81.4 122.2

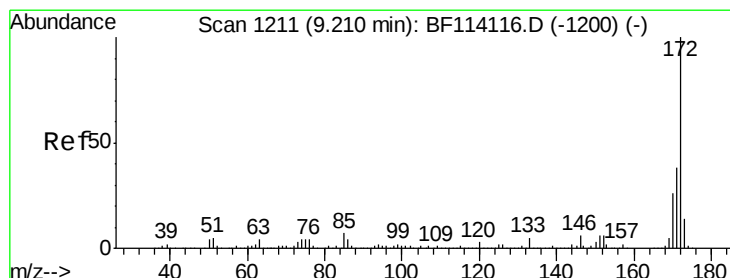
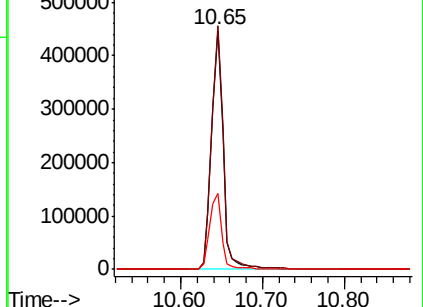
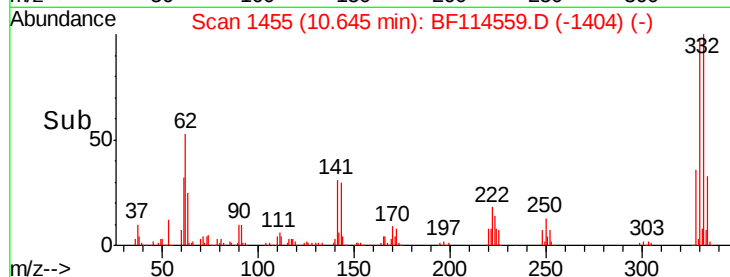
141 33.0 26.6 40.0



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: 97.340 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114559.D

Acq: 24 May 2019 10:16

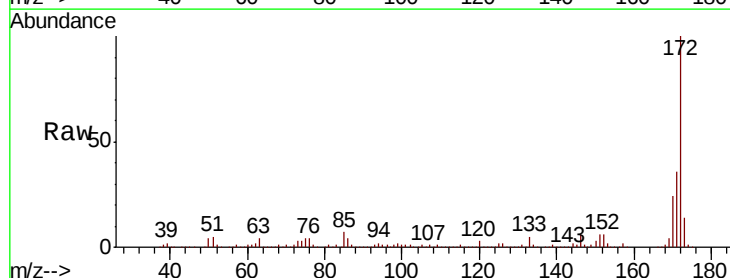
Tgt Ion:172 Resp: 2053893

Ion Ratio Lower Upper

172 100

171 36.3 30.7 46.1

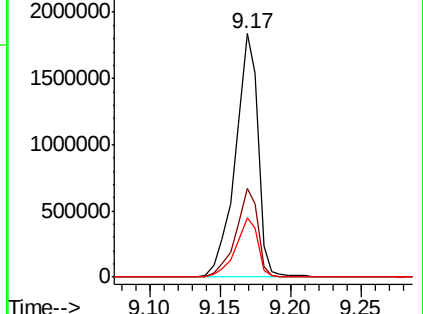
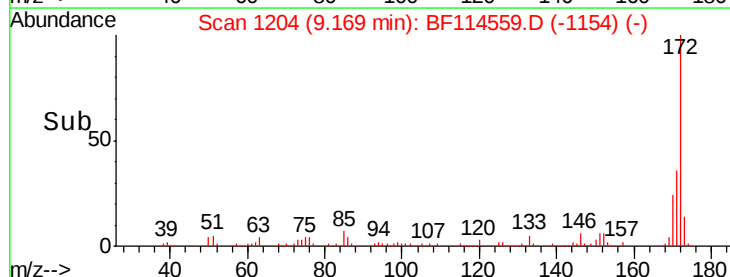
170 24.4 20.5 30.7

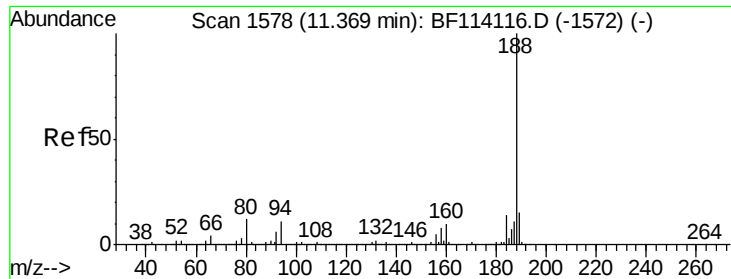


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

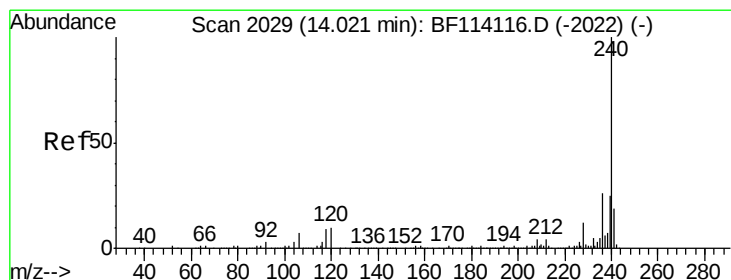
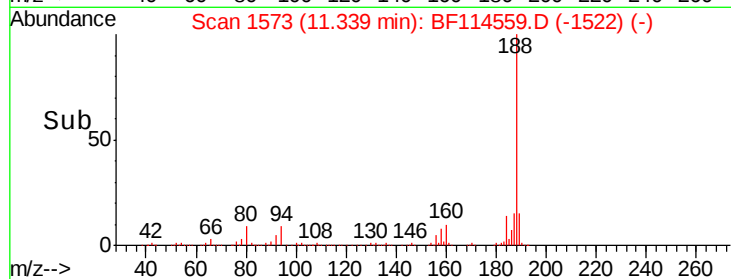
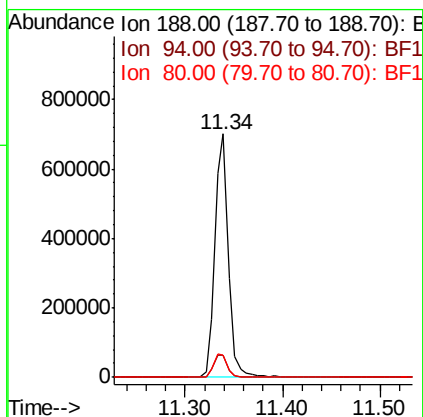
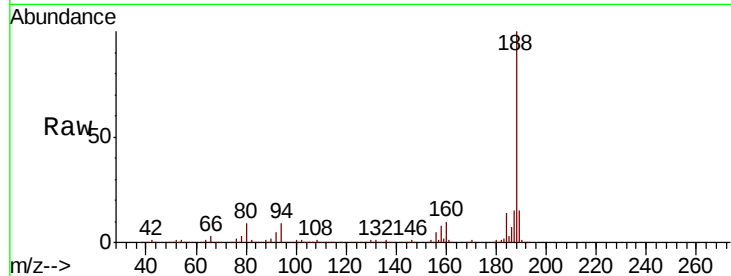




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114559.D
Acq: 24 May 2019 10:16

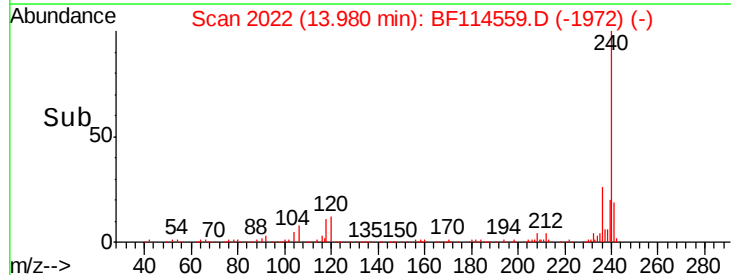
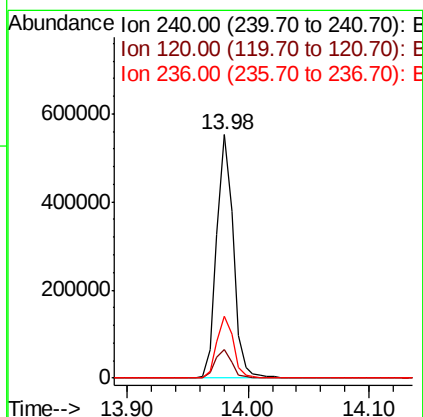
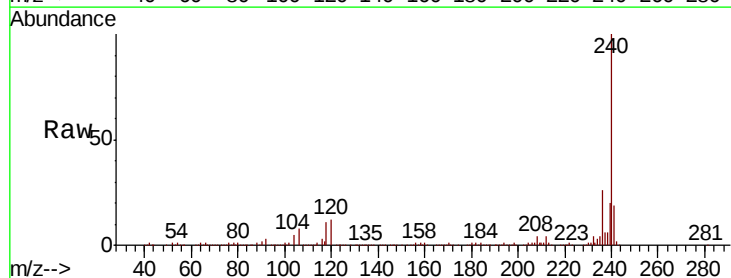
Instrument :
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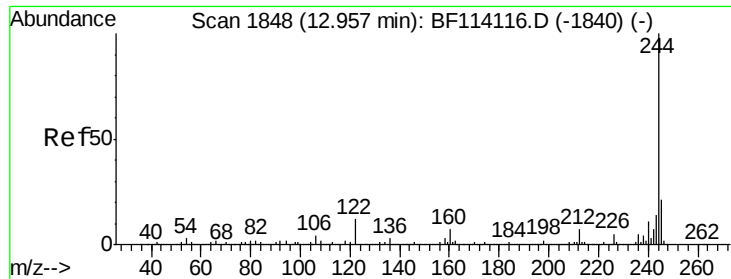
Tot Ion:188 Resp: 667271
Ion Ratio Lower Upper
188 100
94 9.0 8.4 12.6
80 9.3 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114559.D
Acq: 24 May 2019 10:16

Tgt Ion:240 Resp: 520673
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 25.6 20.8 31.2

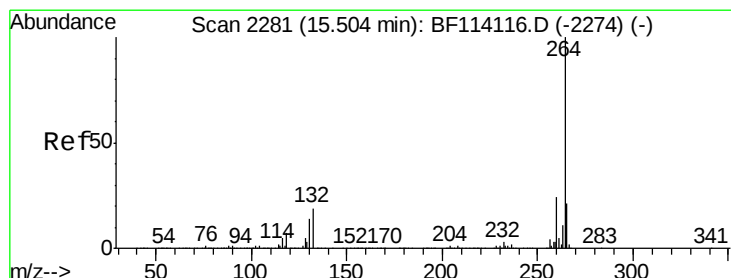
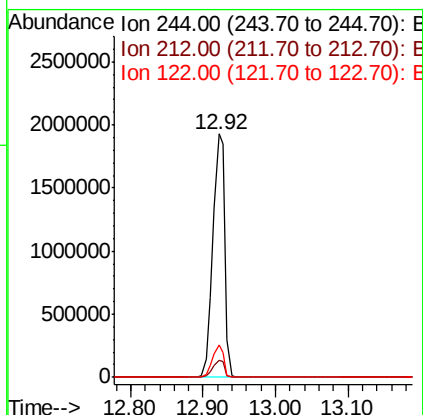
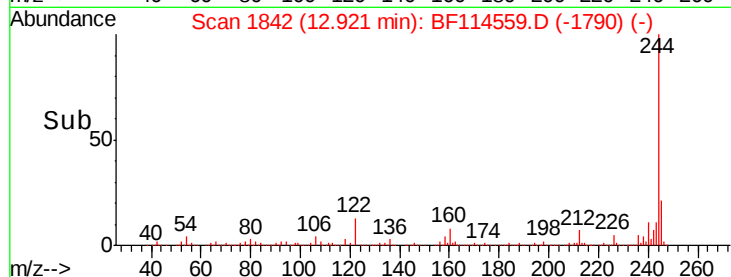
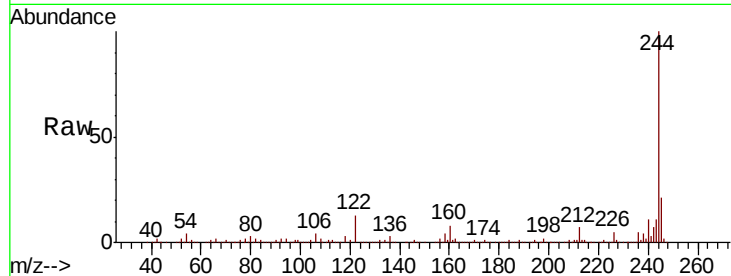




#79
 Terphenyl-d14
 Concen: 87.426 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF114559.D
 Acq: 24 May 2019 10:16

Instrument :
 BNA_F
 ClientSampleId :
 PB119776BL

Tot Ion:244 Resp: 2208188
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 13.3 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF114559.D
 Acq: 24 May 2019 10:16

Tgt Ion:264 Resp: 470823
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 21.7 16.9 25.3

