

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114594.D
 Acq On : 25 May 2019 2:15
 Operator : JU/SJ
 Sample : K3008-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-20

Quant Time: May 27 03:40:33 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	136552	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	522625	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	245781	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	512683	20.00	ng	0.00
76) Chrysene-d12	13.98	240	341142	20.00	ng	0.00
87) Perylene-d12	15.44	264	341569	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	955772	112.64	ng	0.01
7) Phenol-d6	6.46	99	1116274	111.23	ng	0.00
23) Nitrobenzene-d5	7.37	82	823078	88.38	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	343565	135.21	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1450296	89.26	ng	0.00
79) Terphenyl-d14	12.92	244	1660536	100.34	ng	0.00

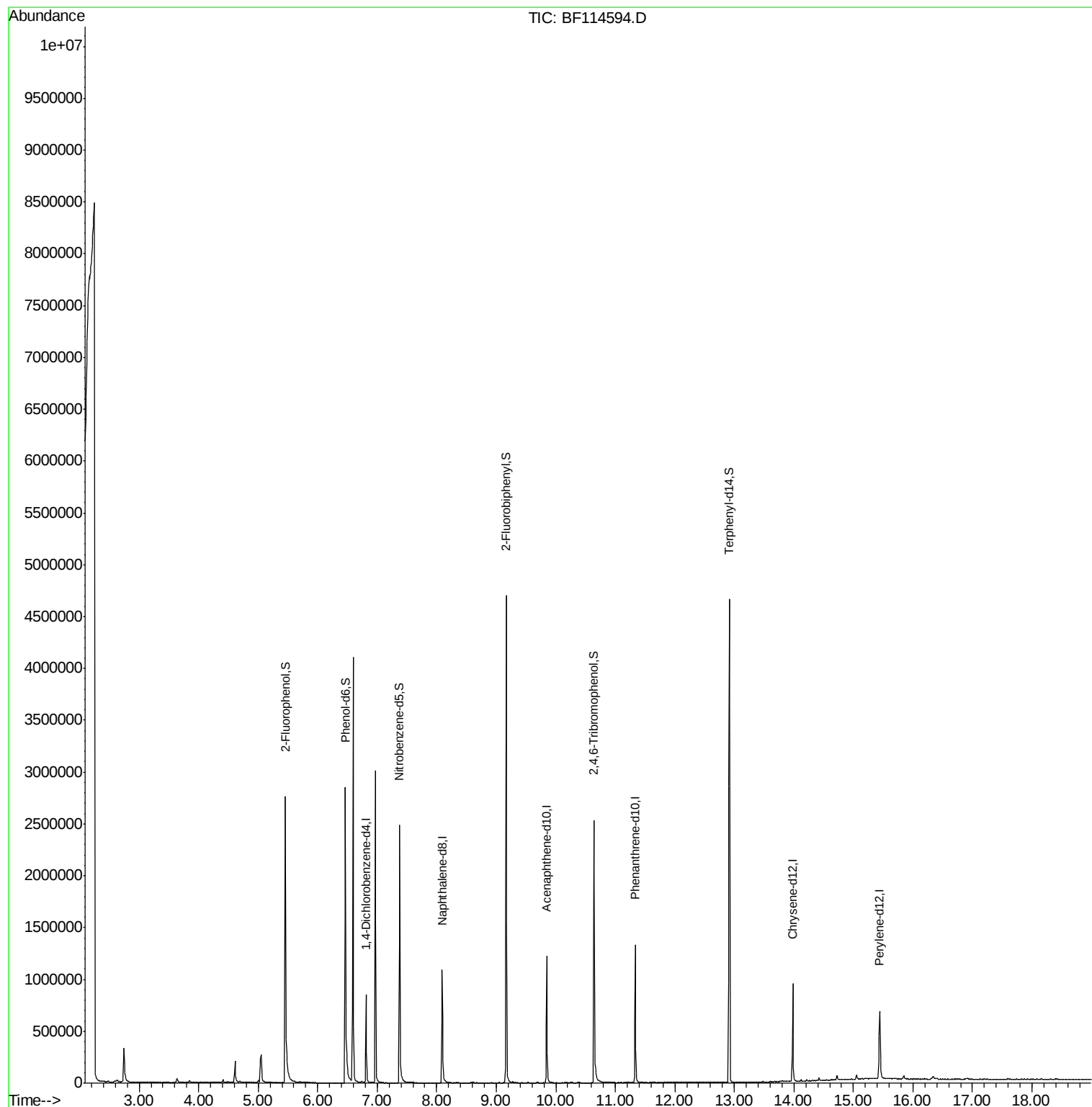
Target Compounds Qvalue

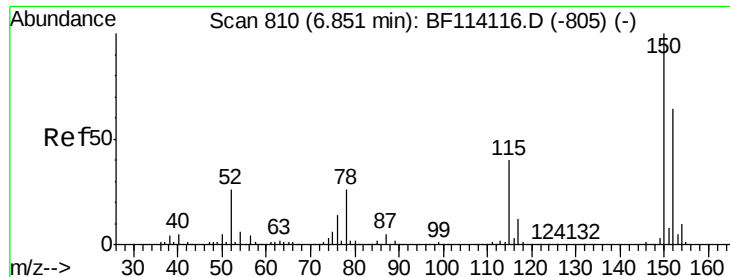
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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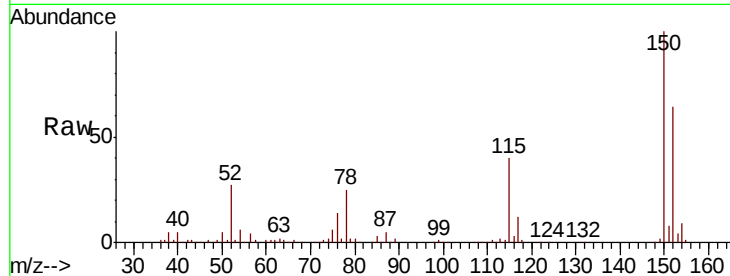


#1

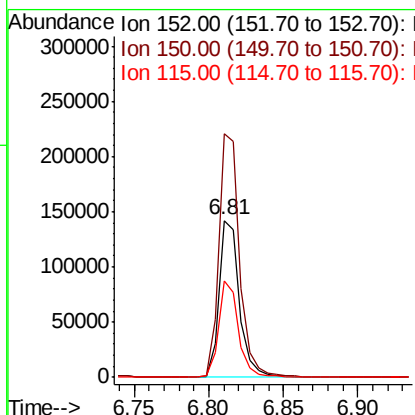
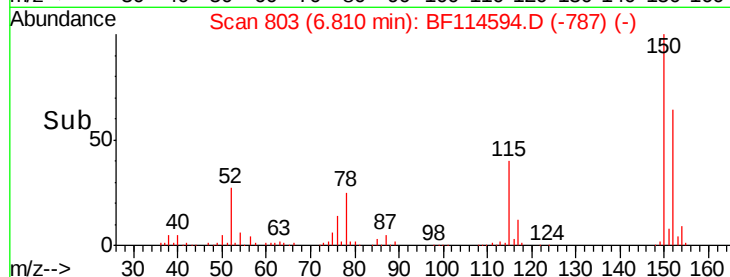
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114594.D
Acq: 25 May 2019 2:15

Instrument :
BNA_F
ClientSampleId :
COMP-20

Tot Ion:152 Resp: 136552
Ion Ratio Lower Upper
152 100
150 155.5 124.3 186.5
115 61.7 49.1 73.7



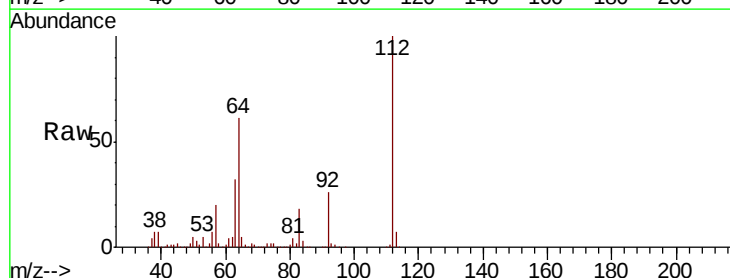
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



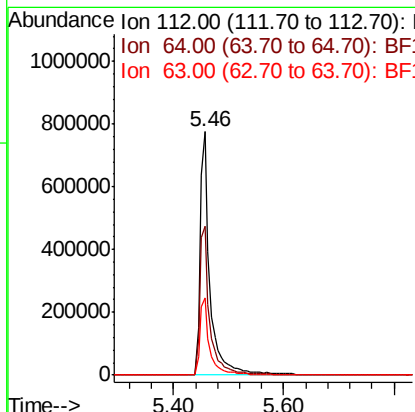
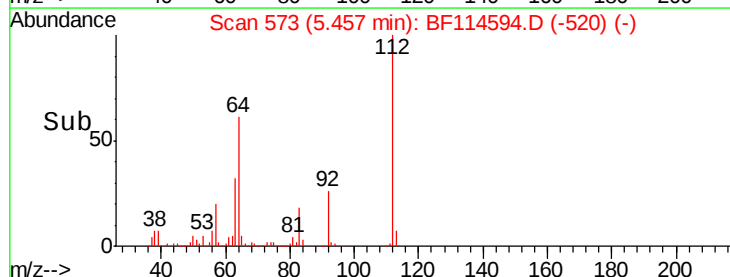
#5

2-Fluorophenol
Concen: 112.637 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114594.D
Acq: 25 May 2019 2:15

Tgt Ion:112 Resp: 955772
Ion Ratio Lower Upper
112 100
64 61.1 49.0 73.6
63 31.9 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: 111.228 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114594.D

Acq: 25 May 2019 2:15

Instrument :

BNA_F

ClientSampleId :

COMP-20

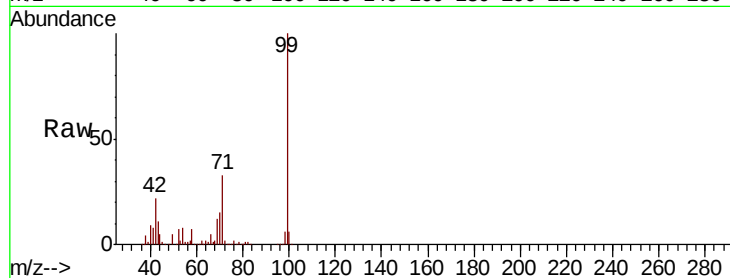
Tot Ion: 99 Resp: 1116274

Ion Ratio Lower Upper

99 100

42 21.6 17.9 26.9

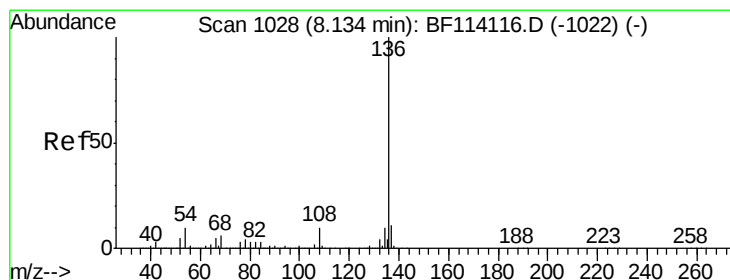
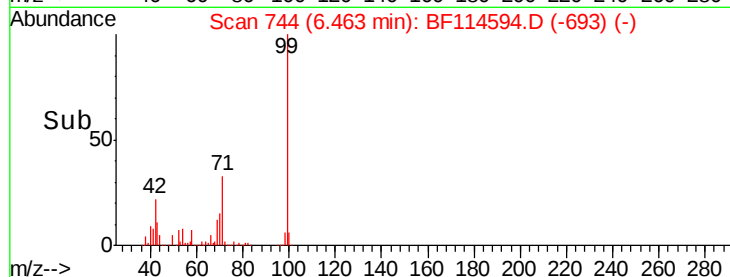
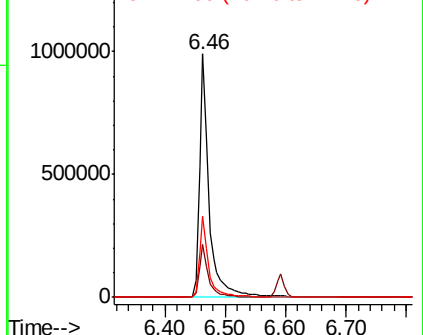
71 33.3 26.2 39.2



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: BF114594.D

Acq: 25 May 2019 2:15

Tgt Ion: 136 Resp: 522625

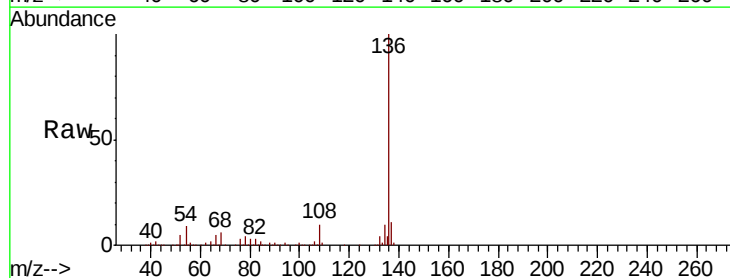
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.7 7.8 11.8

68 5.9 5.1 7.7

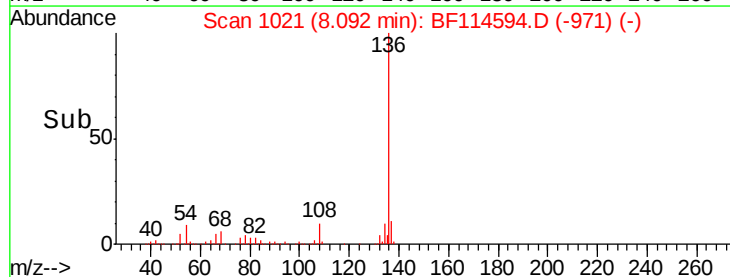
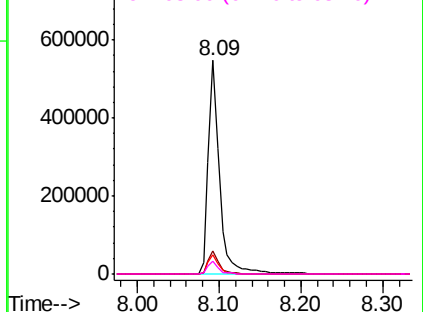


Abundance Ion 136.00 (135.70 to 136.70): E

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

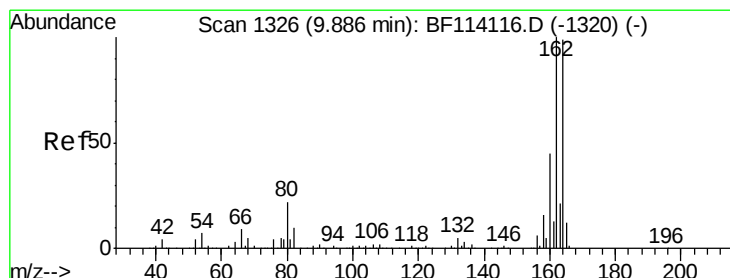
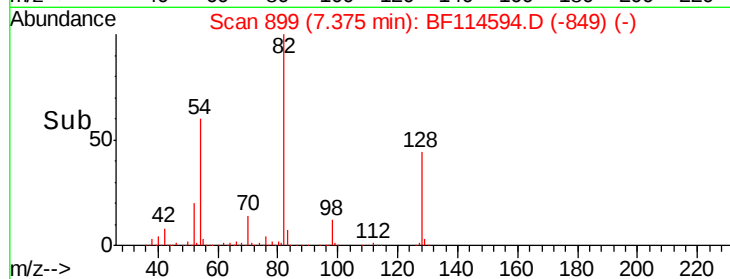
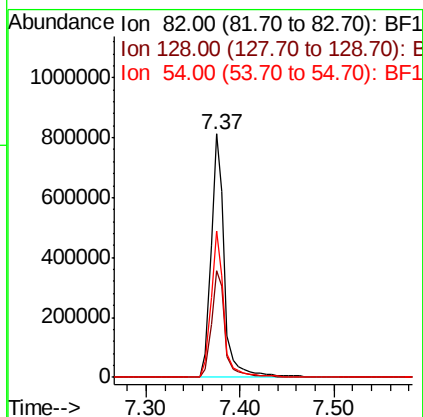
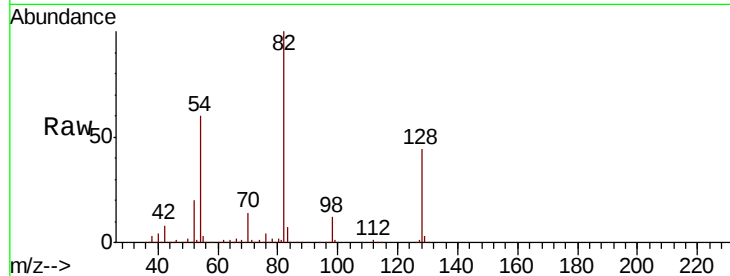




#23
Nitrobenzene-d5
Concen: 88.383 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114594.D
Acq: 25 May 2019 2:15

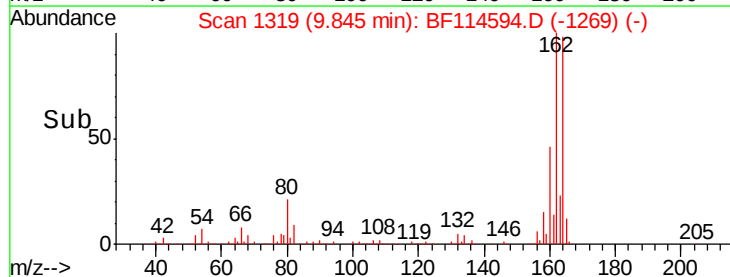
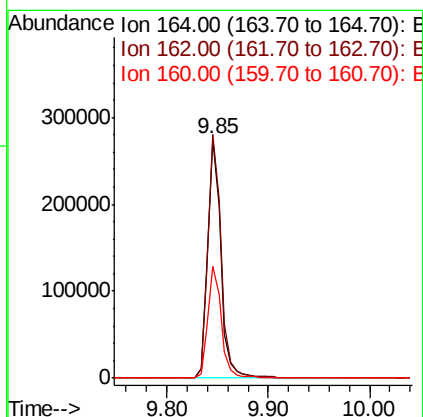
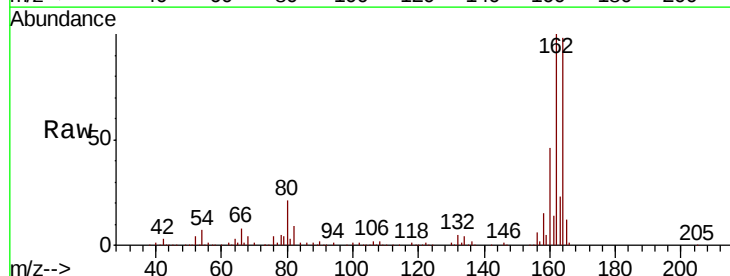
Instrument :
BNA_F
ClientSampleId :
COMP-20

Tot Ion	82	Resp	823078
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.5	53.3
54	60.2	48.5	72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF114594.D
Acq: 25 May 2019 2:15

Tgt Ion	164	Resp	245781
Ion Ratio	Lower	Upper	
164	100		
162	102.1	80.6	120.8
160	46.7	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 135.211 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF114594.D

Acq: 25 May 2019 2:15

Instrument :

BNA_F

ClientSampleId :

COMP-20

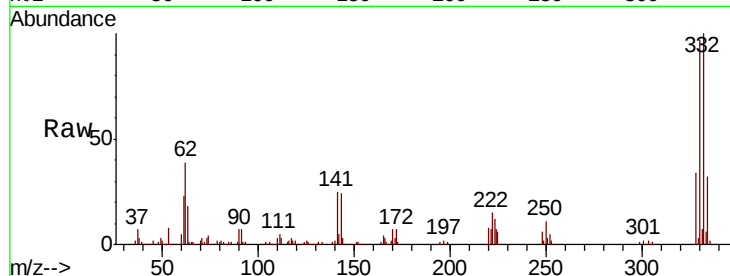
Tot Ion:330 Resp: 343565

Ion Ratio Lower Upper

330 100

332 104.0 81.4 122.2

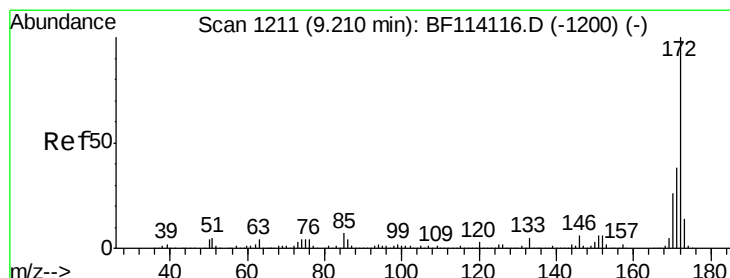
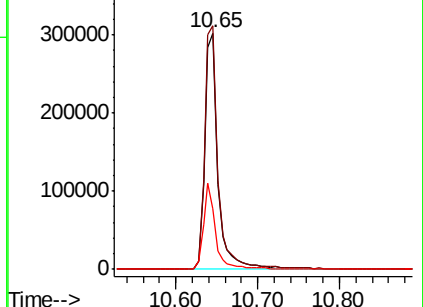
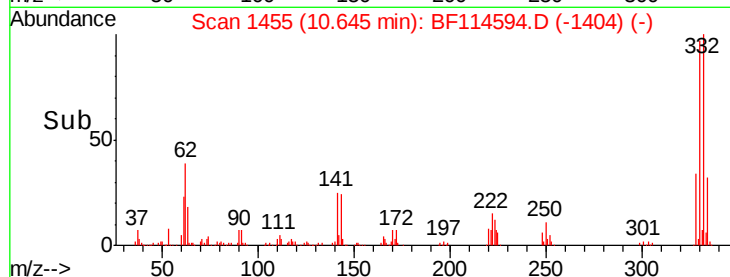
141 33.2 26.6 40.0



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: 89.259 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF114594.D

Acq: 25 May 2019 2:15

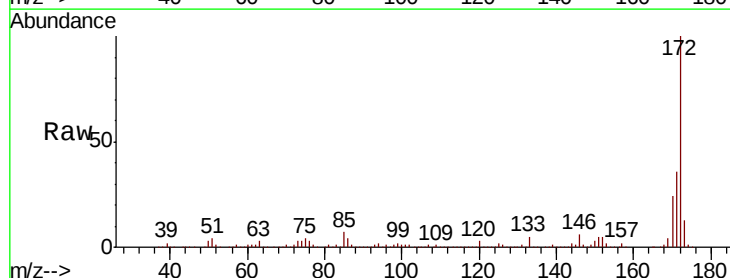
Tgt Ion:172 Resp: 1450296

Ion Ratio Lower Upper

172 100

171 35.5 30.7 46.1

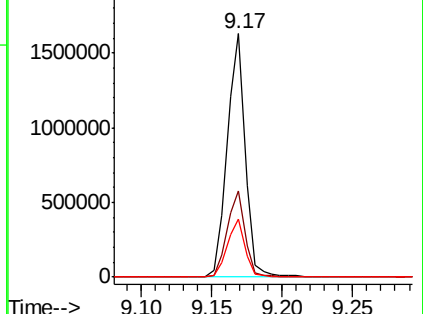
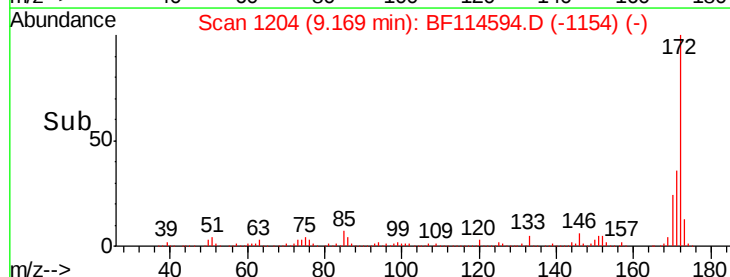
170 24.1 20.5 30.7

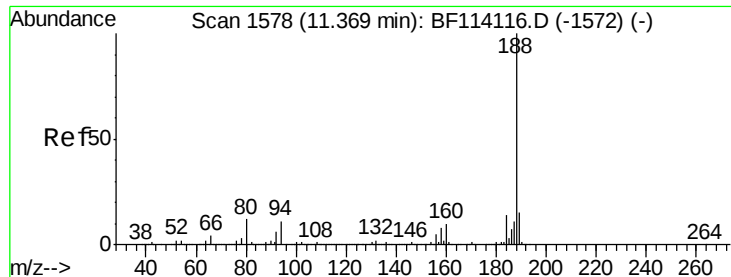


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

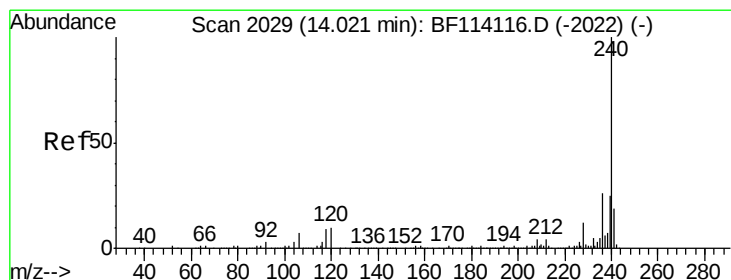
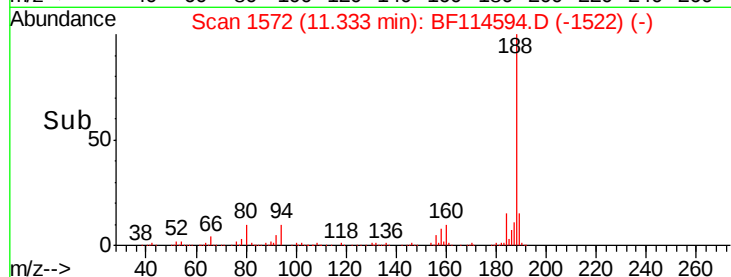
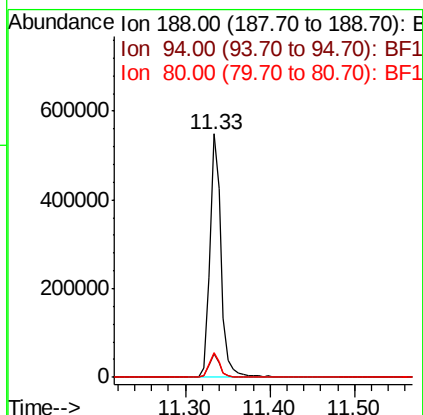
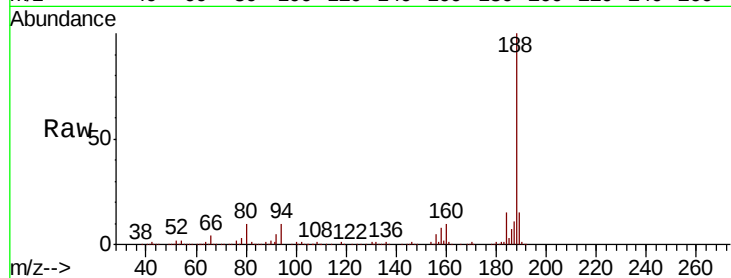




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114594.D
Acq: 25 May 2019 2:15

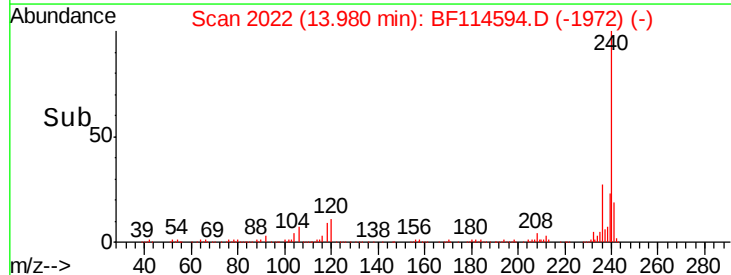
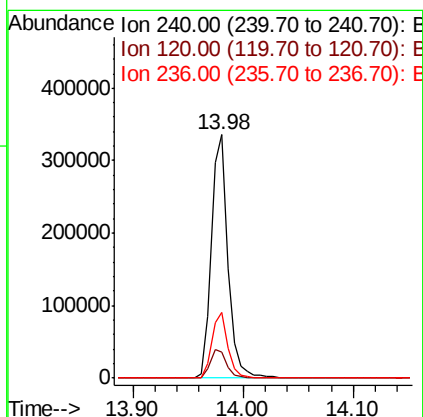
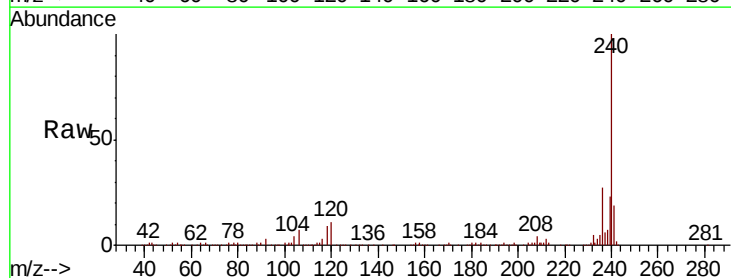
Instrument :
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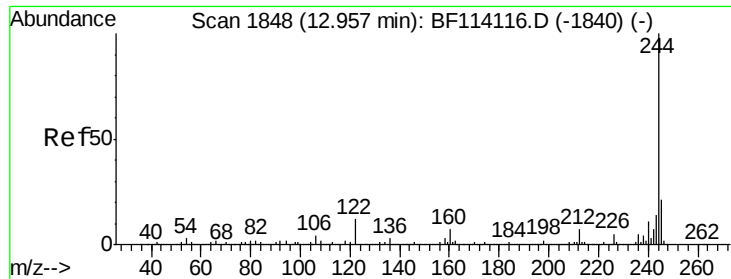
Tot Ion:188 Resp: 512683
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.0 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114594.D
Acq: 25 May 2019 2:15

Tgt Ion:240 Resp: 341142
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 26.8 20.8 31.2

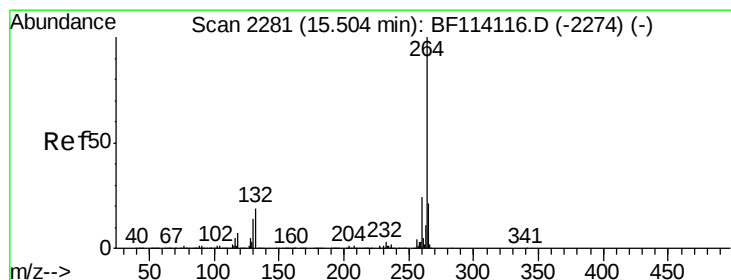
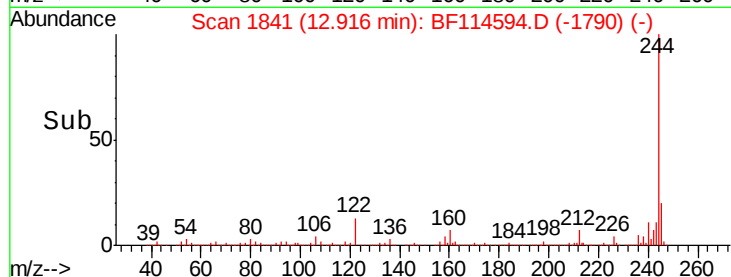
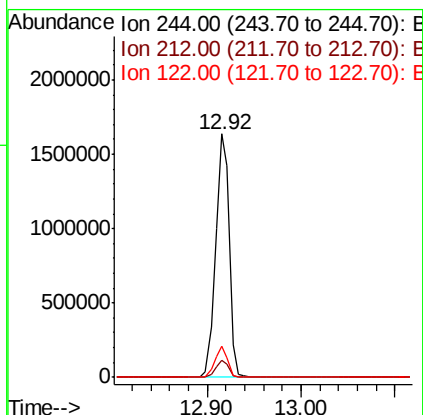
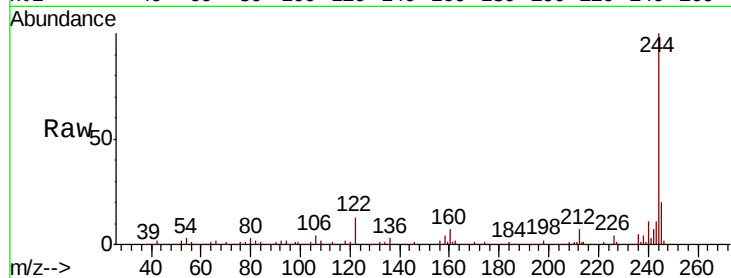




#79
 Terphenyl-d14
 Concen: 100.342 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114594.D
 Acq: 25 May 2019 2:15

Instrument :
 BNA_F
 ClientSampleId :
 COMP-20

Tot Ion:244 Resp: 1660536
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 13.0 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF114594.D
 Acq: 25 May 2019 2:15

Tgt Ion:264 Resp: 341569
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 21.9 16.9 25.3

