

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114578.D
 Acq On : 24 May 2019 19:12
 Operator : JU/SJ
 Sample : K3019-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Quant Time: May 24 23:14:47 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

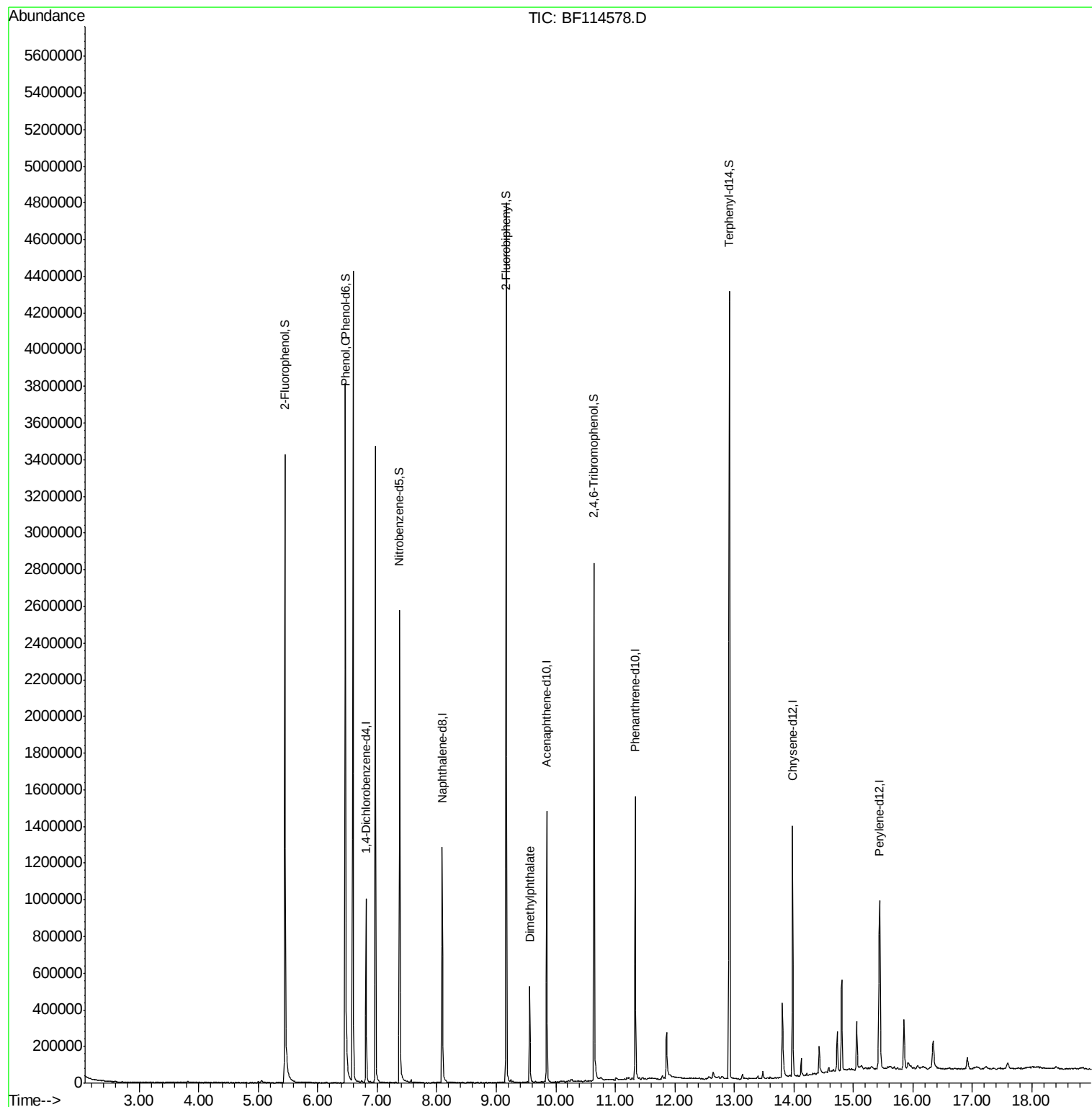
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	152650	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	583667	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	279999	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	580409	20.00	ng	0.00
76) Chrysene-d12	13.98	240	453699	20.00	ng	0.00
87) Perylene-d12	15.44	264	422108	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1119411	118.01	ng	0.00
7) Phenol-d6	6.46	99	1479925	131.91	ng	0.00
23) Nitrobenzene-d5	7.37	82	886778	85.26	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	365979	126.43	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1444136	78.02	ng	0.00
79) Terphenyl-d14	12.92	244	1606792	73.01	ng	0.00
Target Compounds						
10) Phenol	6.47	94	28168	2.134	ng	Qvalue # 77
50) Dimethylphthalate	9.56	163	200129	9.736	ng	100

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

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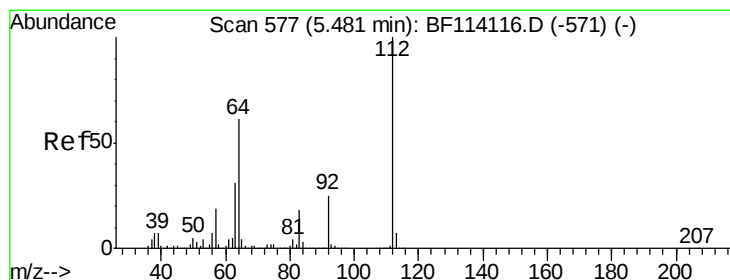
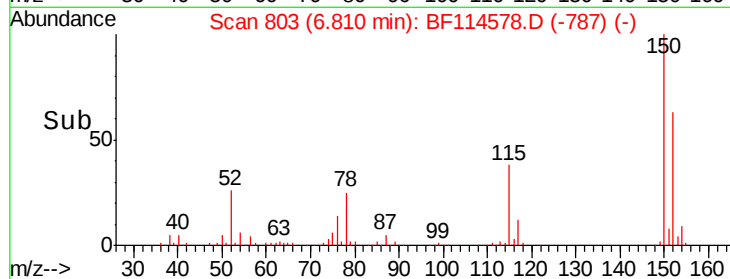
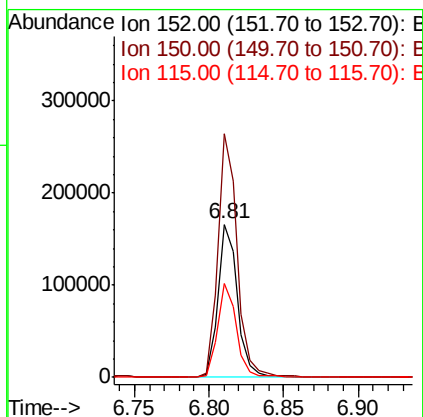
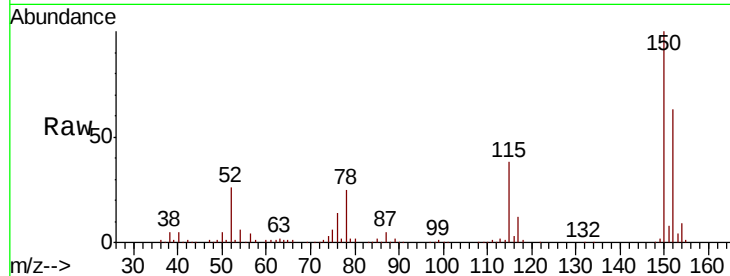




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF114578.D
 Acq: 24 May 2019 19:12

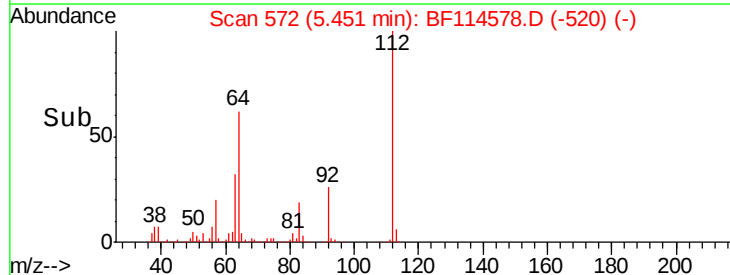
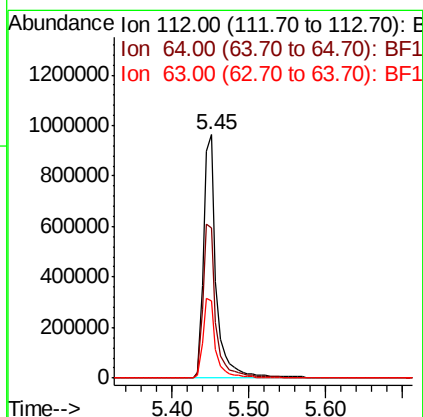
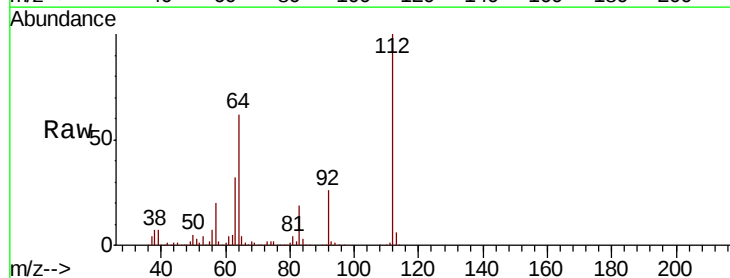
Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Tot Ion:152 Resp: 152650
 Ion Ratio Lower Upper
 152 100
 150 158.9 124.3 186.5
 115 60.8 49.1 73.7



#5
 2-Fluorophenol
 Concen: 118.010 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF114578.D
 Acq: 24 May 2019 19:12

Tgt Ion:112 Resp: 1119411
 Ion Ratio Lower Upper
 112 100
 64 61.7 49.0 73.6
 63 31.8 24.6 37.0





#7

Phenol-d6

Concen: 131.912 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

Instrument :

BNA_F

ClientSampleId :

RBR200036

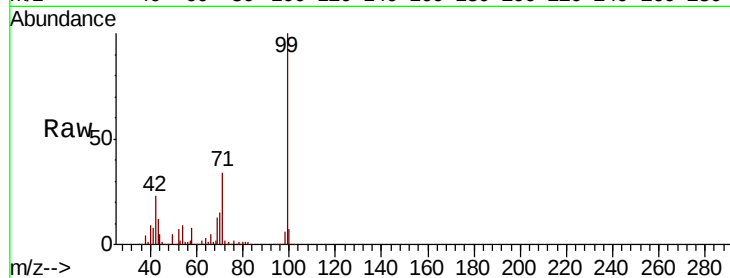
Tot Ion: 99 Resp: 1479925

Ion Ratio Lower Upper

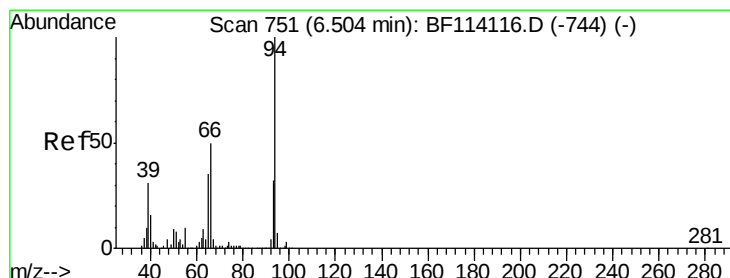
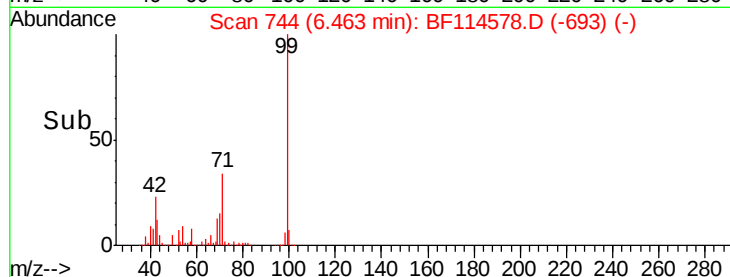
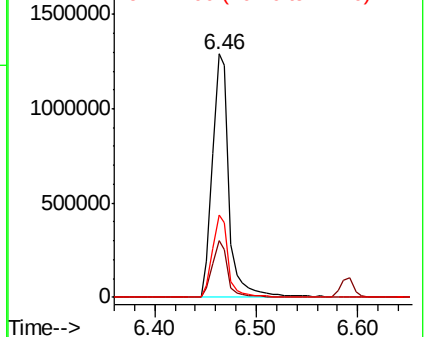
99 100

42 23.1 17.9 26.9

71 33.9 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



#10

Phenol

Concen: 2.134 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

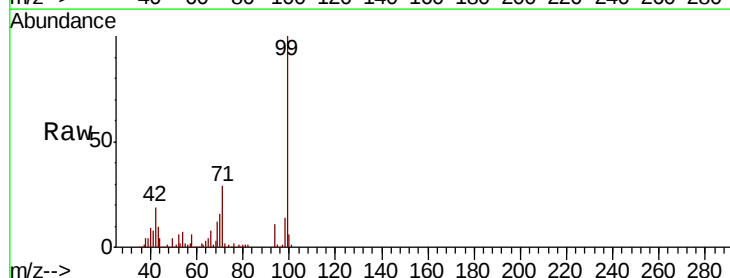
Tgt Ion: 94 Resp: 28168

Ion Ratio Lower Upper

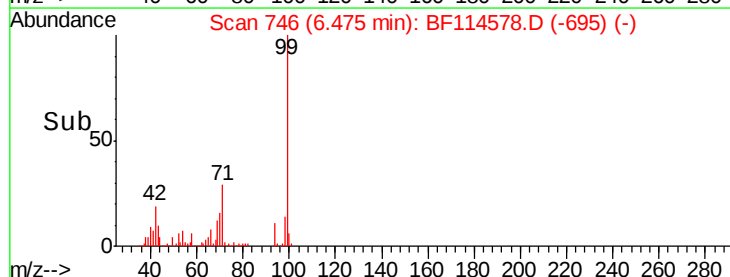
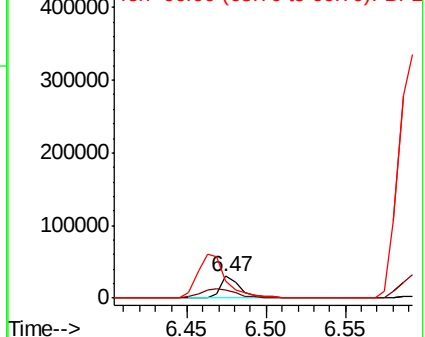
94 100

65 37.0 14.7 54.7

66 74.6 29.6 69.6#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

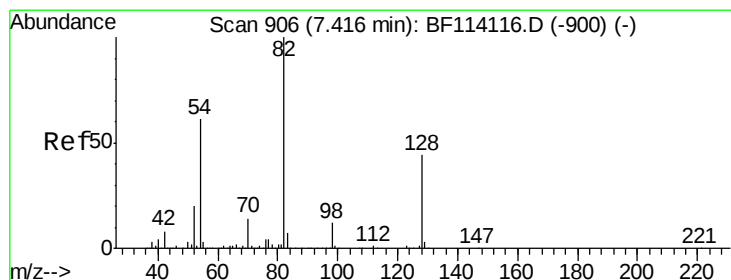
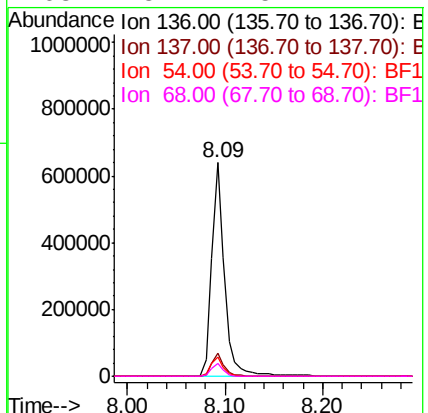
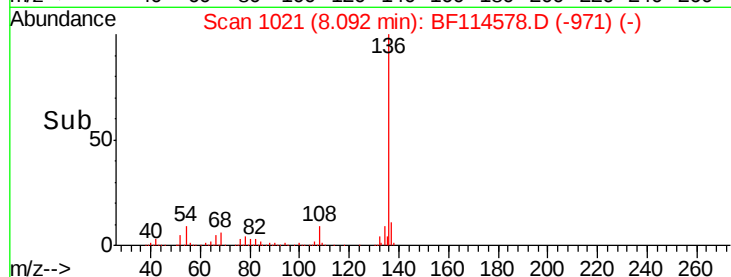
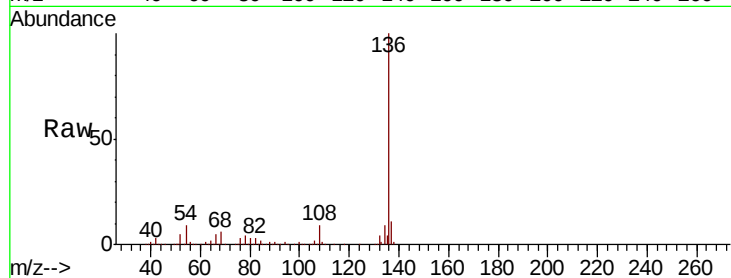




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114578.D
Acq: 24 May 2019 19:12

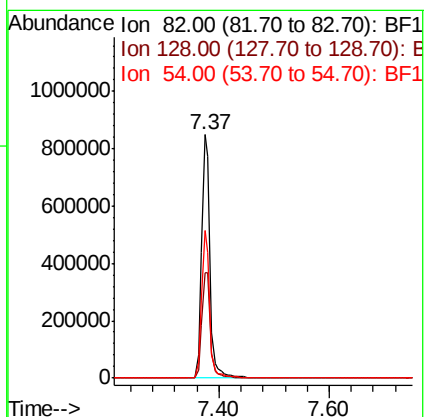
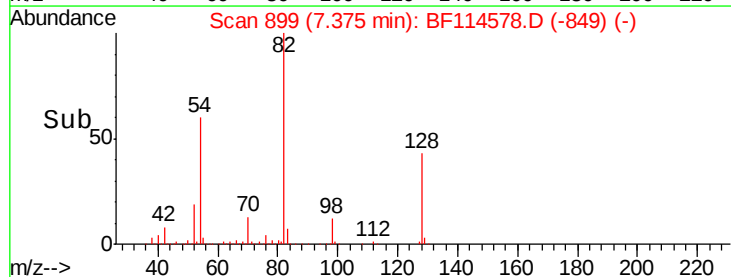
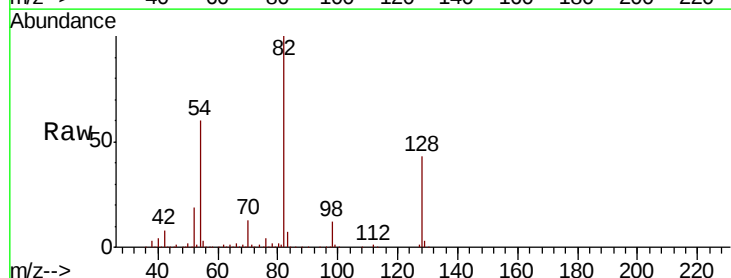
Instrument :
BNA_F
ClientSampleId :
RBR200036

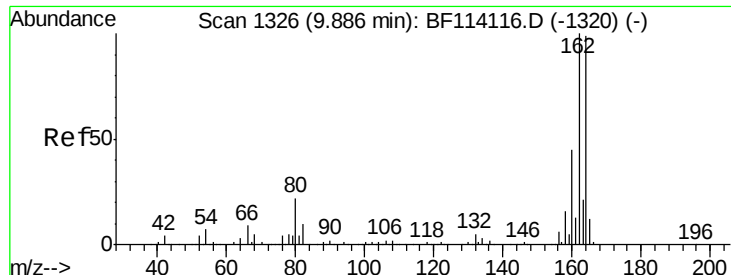
Tot Ion:136	Resp:	583667
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.0	7.8 11.8
68	5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 85.264 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF114578.D
Acq: 24 May 2019 19:12

Tgt Ion: 82	Resp:	886778
Ion Ratio	Lower	Upper
82	100	
128	43.1	35.5 53.3
54	60.4	48.5 72.7

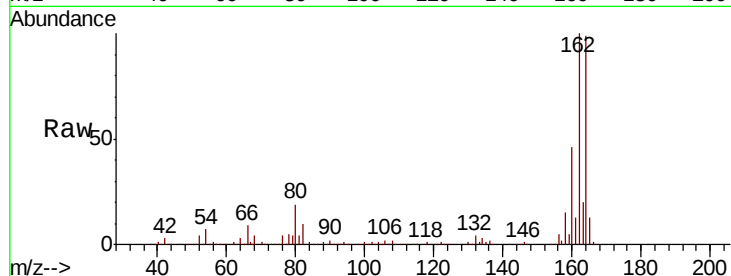




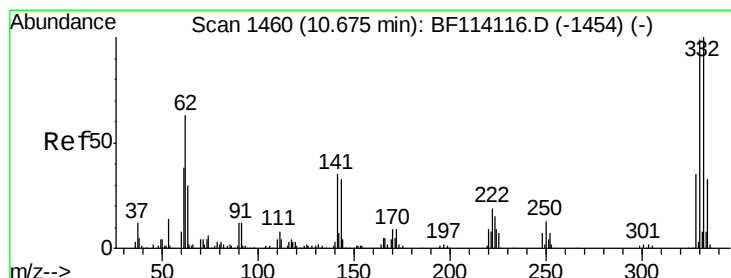
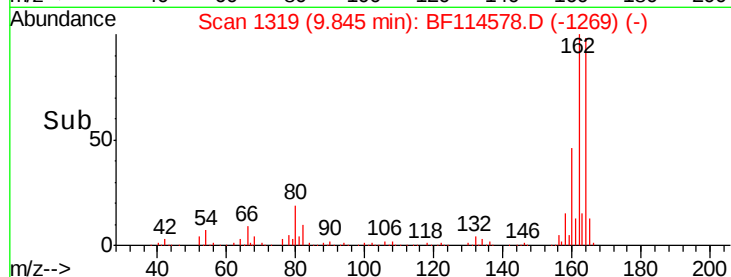
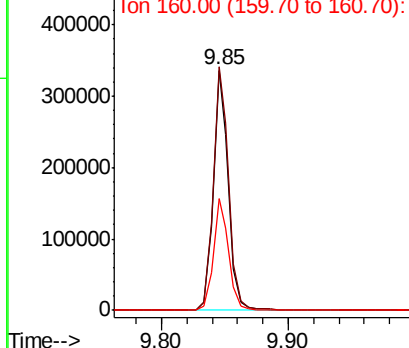
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114578.D
 Acq: 24 May 2019 19:12

Instrument :
 BNA_F
 ClientSampleId :
 RBR200036

Tot Ion:164 Resp: 279999
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.6 120.8
 160 46.4 36.5 54.7

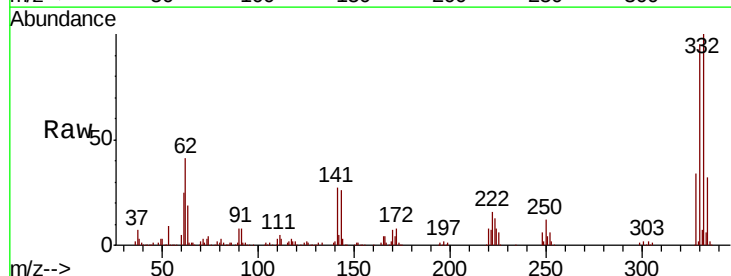


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

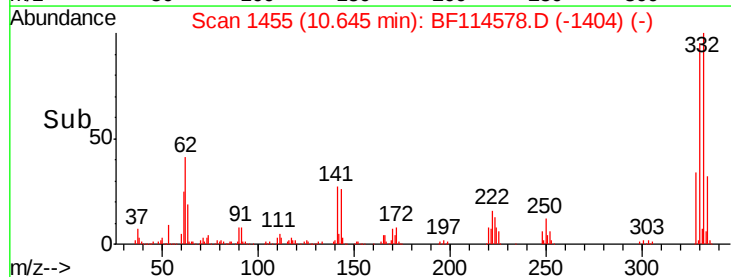
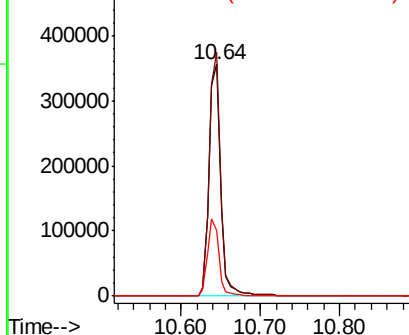


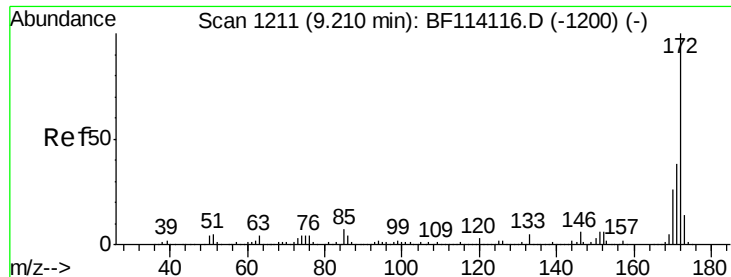
#42
 2,4,6-Tribromophenol
 Concen: 126.430 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114578.D
 Acq: 24 May 2019 19:12

Tgt Ion:330 Resp: 365979
 Ion Ratio Lower Upper
 330 100
 332 102.4 81.4 122.2
 141 33.4 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

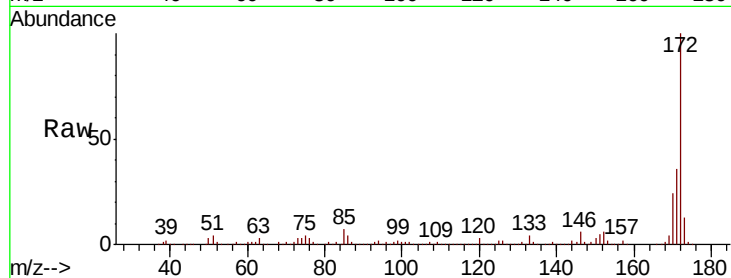




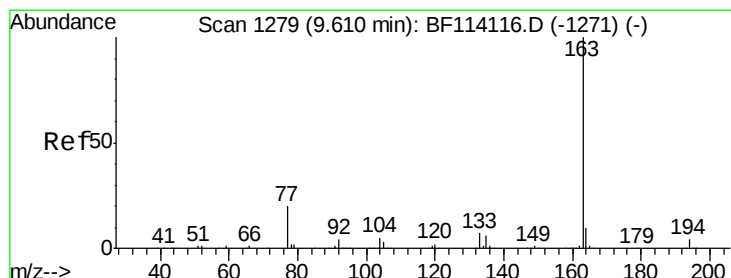
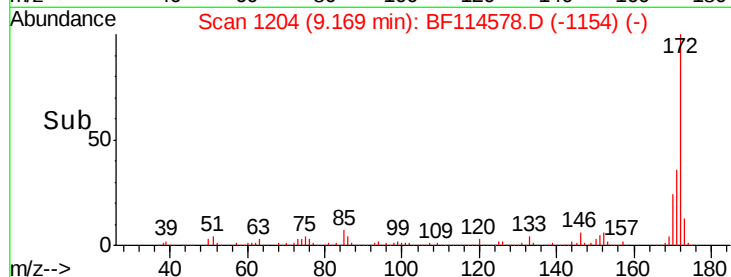
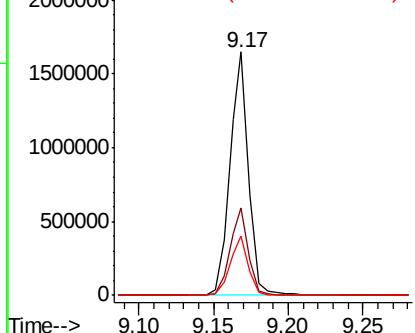
#45
2-Fluorobiphenyl
Concen: 78.018 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114578.D
Acq: 24 May 2019 19:12

Instrument :
BNA_F
ClientSampleId :
RBR200036

Tot Ion:172 Resp: 1444136
Ion Ratio Lower Upper
172 100
171 35.7 30.7 46.1
170 24.2 20.5 30.7

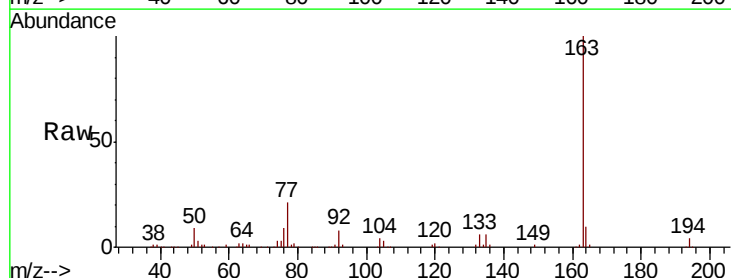


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

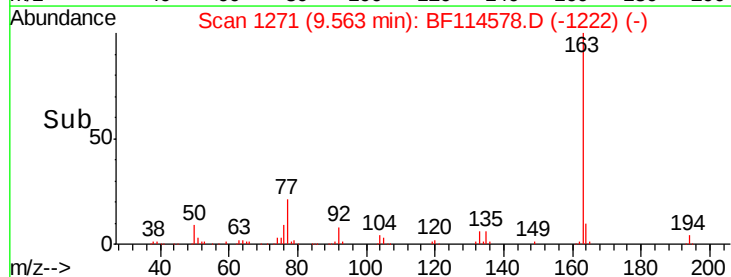
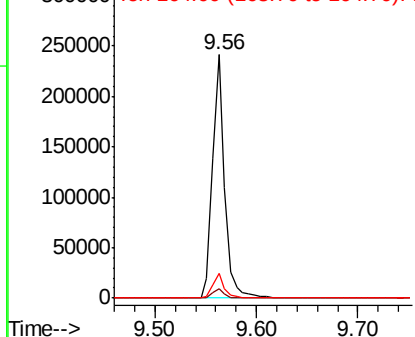


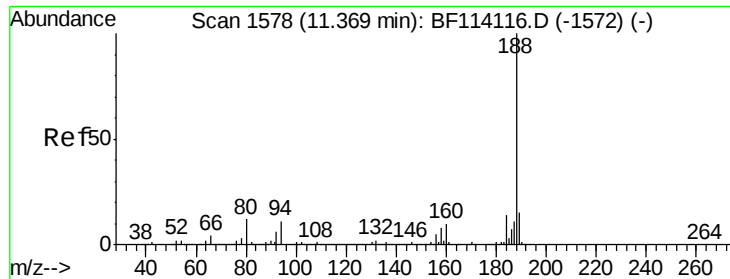
#50
Dimethylphthalate
Concen: 9.736 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF114578.D
Acq: 24 May 2019 19:12

Tgt Ion:163 Resp: 200129
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.2 12.2



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. -0.01 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

Instrument :

BNA_F

ClientSampleId :

RBR200036

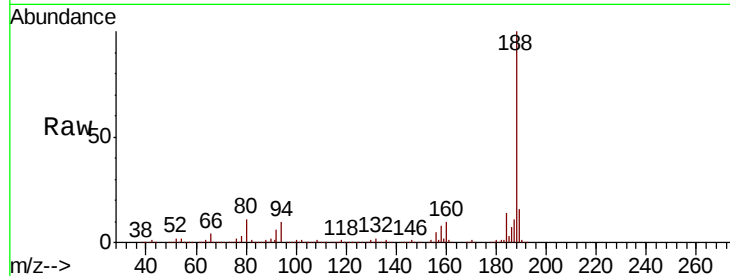
Tot Ion:188 Resp: 580409

Ion Ratio Lower Upper

188 100

94 9.8 8.4 12.6

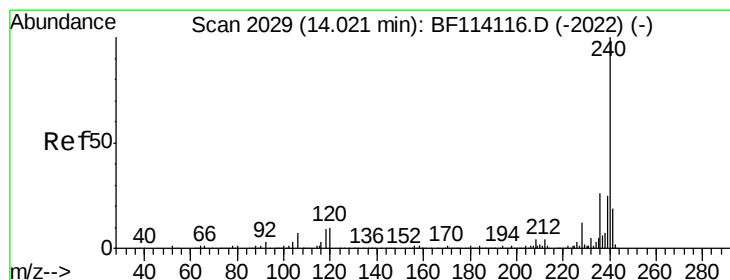
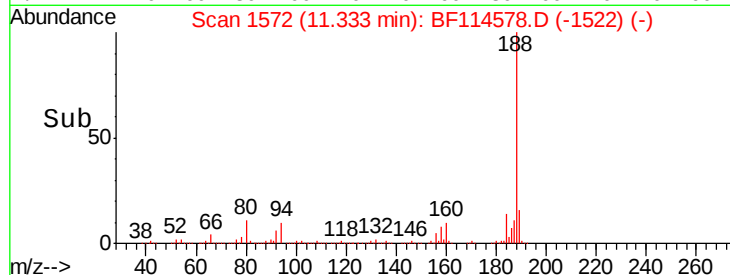
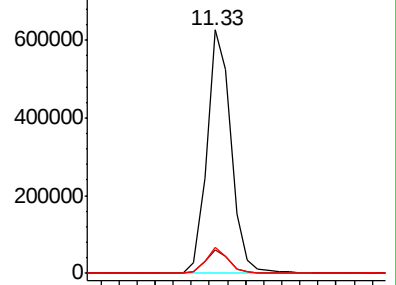
80 10.5 9.2 13.8



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. -0.01 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

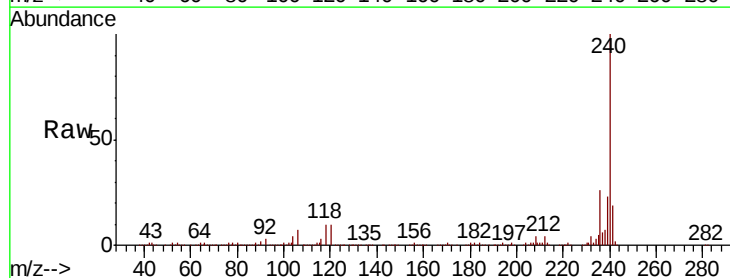
Tgt Ion:240 Resp: 453699

Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

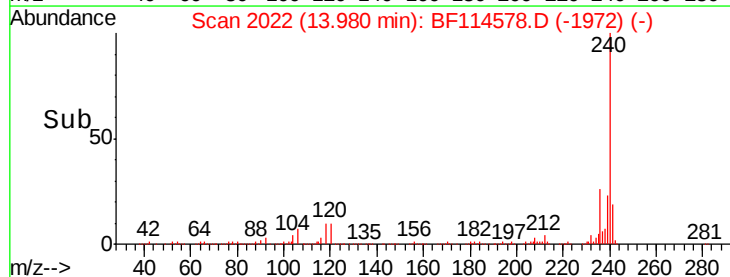
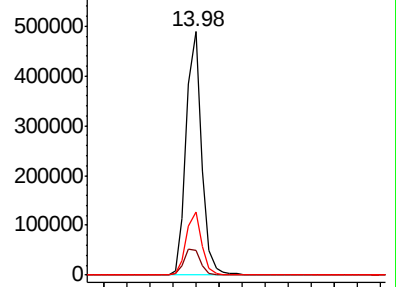
236 25.7 20.8 31.2

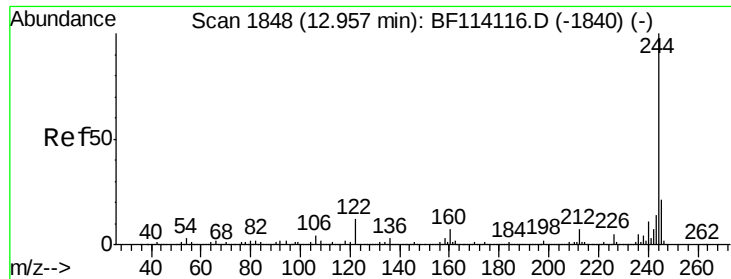


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.006 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114578.D

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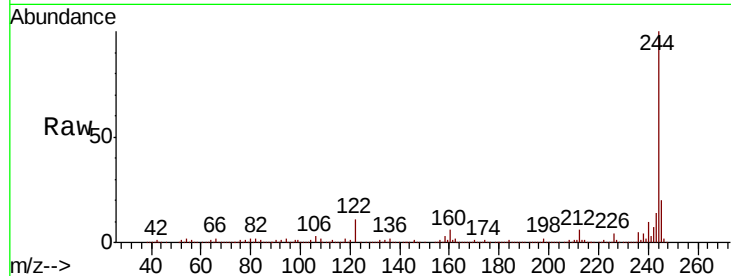
Tot Ion:244 Resp: 1606792

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

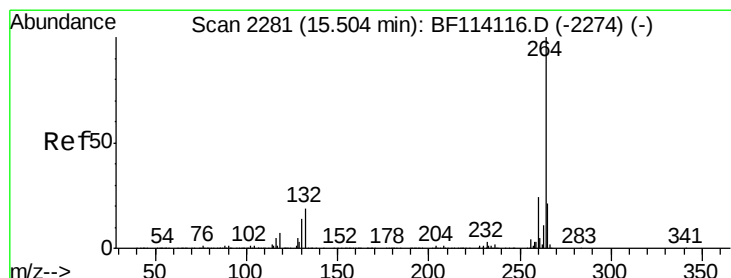
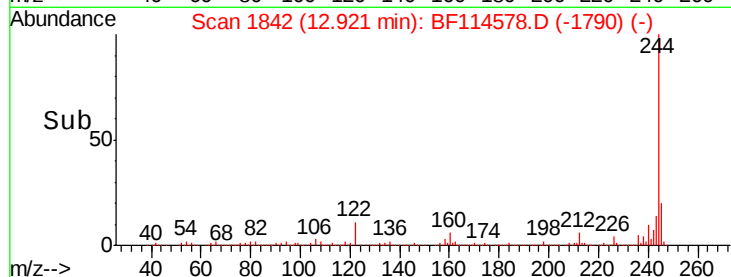
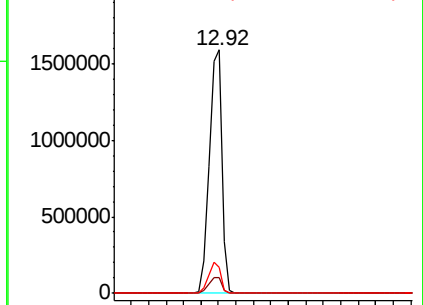
122 10.6 9.4 14.2



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: 15.44 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BF114578.D

Acq: 24 May 2019 19:12

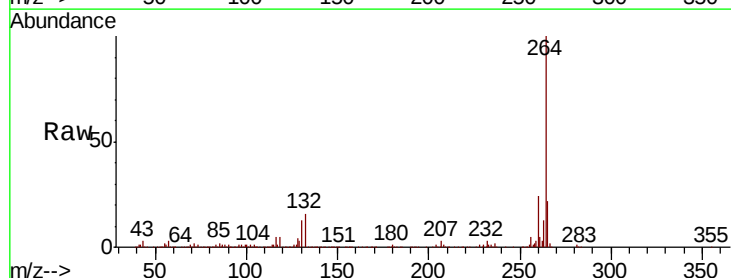
Tgt Ion:264 Resp: 422108

Ion Ratio Lower Upper

264 100

260 23.5 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

