

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114502.D
 Acq On : 22 May 2019 23:53
 Operator : JU/SJ
 Sample : K2909-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190404-COMP-CH-74

Quant Time: May 23 04:16:04 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

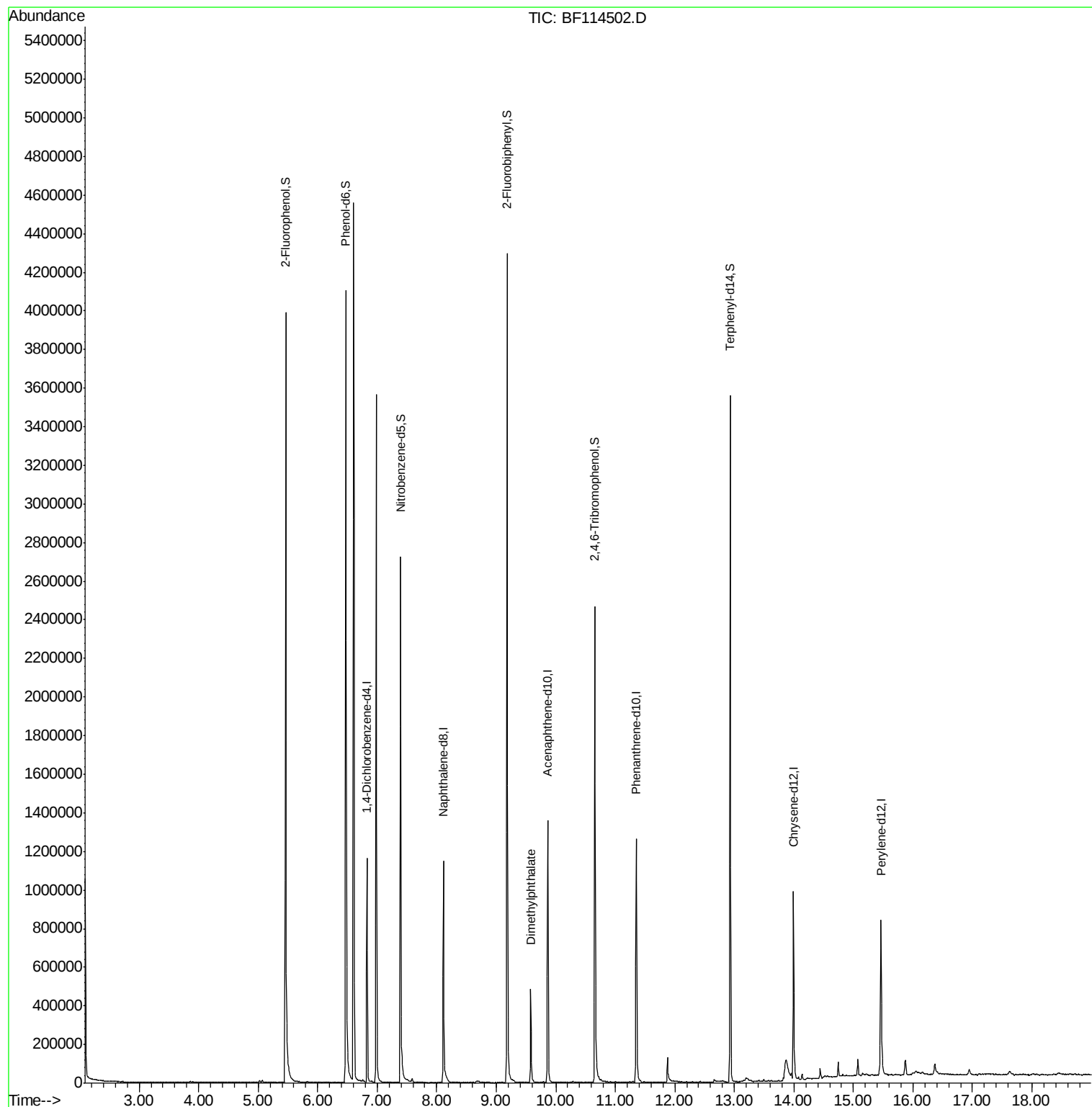
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	164797	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	632286	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	291140	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	566670	20.00	ng	0.00
76) Chrysene-d12	14.00	240	388671	20.00	ng	0.00
87) Perylene-d12	15.46	264	420809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1175831	114.82	ng	0.00
7) Phenol-d6	6.47	99	1484424	122.56	ng	-0.01
23) Nitrobenzene-d5	7.39	82	881909	78.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	330574	109.83	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1458029	75.75	ng	0.00
79) Terphenyl-d14	12.93	244	1196555	63.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	235901	11.038	ng	Qvalue 98

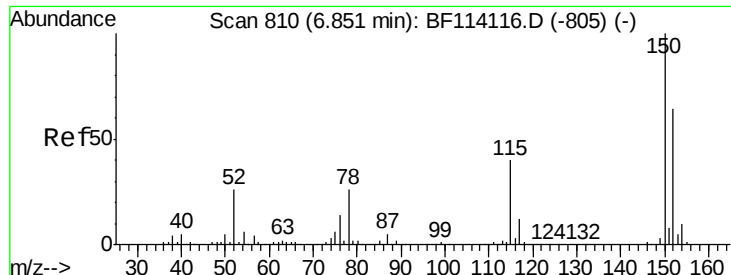
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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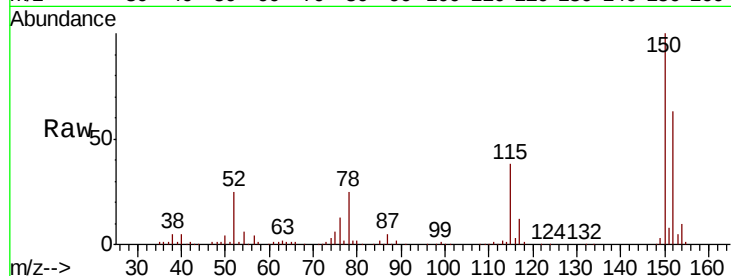


#1

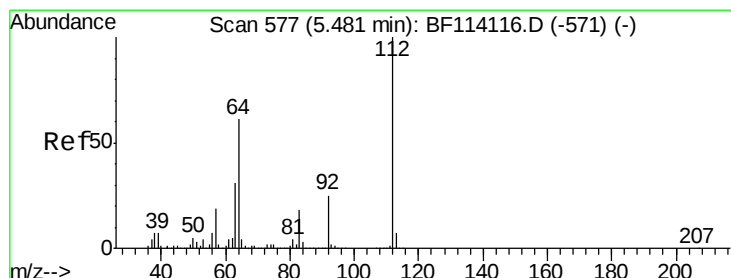
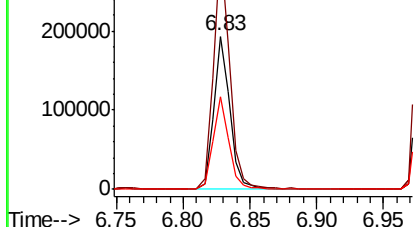
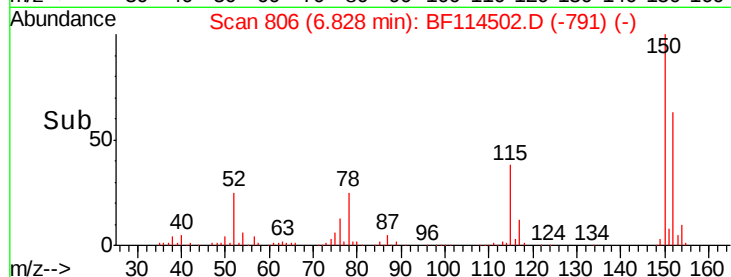
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114502.D
Acq: 22 May 2019 23:53

Instrument :
BNA_F
ClientSampleId :
20190404-COMP-CH-74

Tot Ion:152 Resp: 164797
Ion Ratio Lower Upper
152 100
150 159.1 124.3 186.5
115 60.8 49.1 73.7



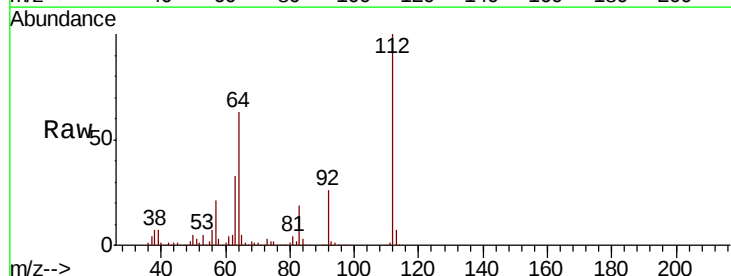
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



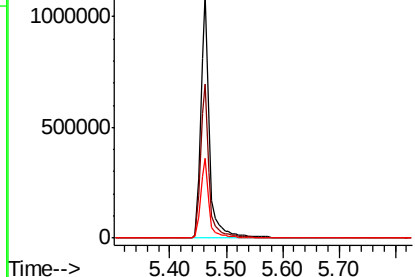
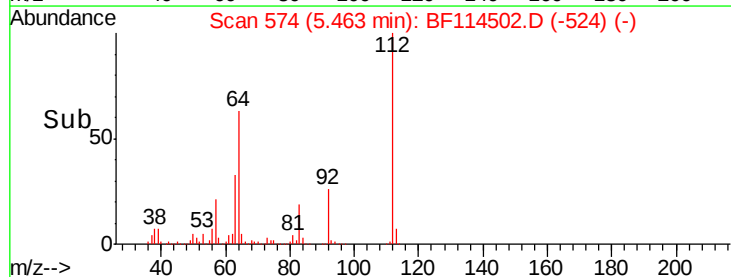
#5

2-Fluorophenol
Concen: 114.821 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114502.D
Acq: 22 May 2019 23:53

Tgt Ion:112 Resp: 1175831
Ion Ratio Lower Upper
112 100
64 63.3 49.0 73.6
63 32.9 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: 122.560 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114502.D

Acq: 22 May 2019 23:53

Instrument :

BNA_F

ClientSampleId :

20190404-COMP-CH-74

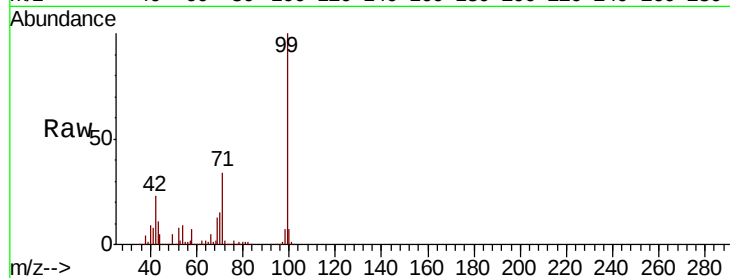
Tot Ion: 99 Resp: 1484424

Ion Ratio Lower Upper

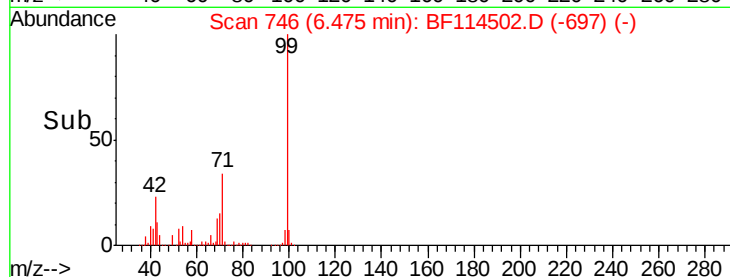
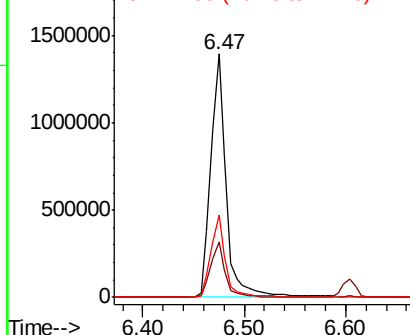
99 100

42 22.6 17.9 26.9

71 33.8 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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114502.D

Acq: 22 May 2019 23:53

Tgt Ion: 136 Resp: 632286

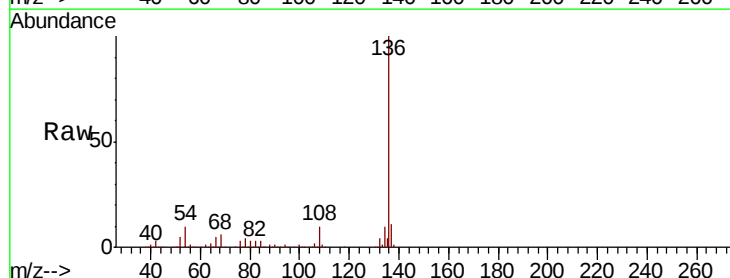
Ion Ratio Lower Upper

136 100

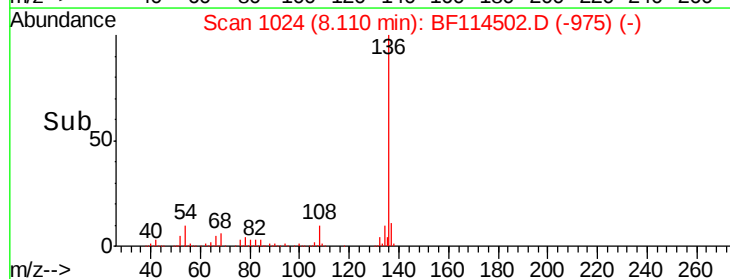
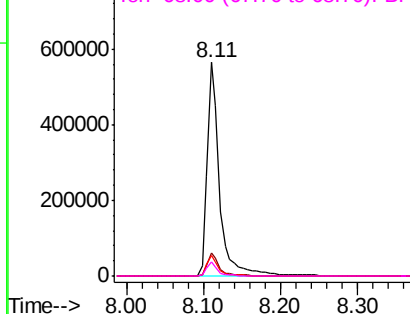
137 11.0 8.8 13.2

54 9.6 7.8 11.8

68 6.4 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

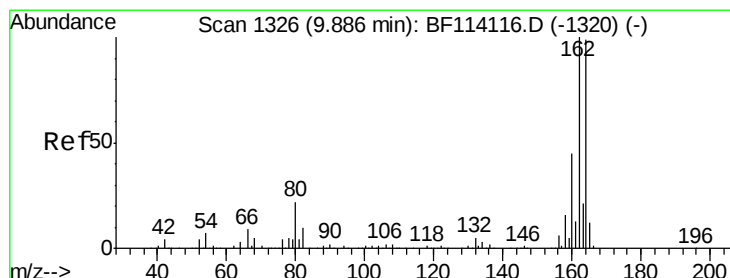
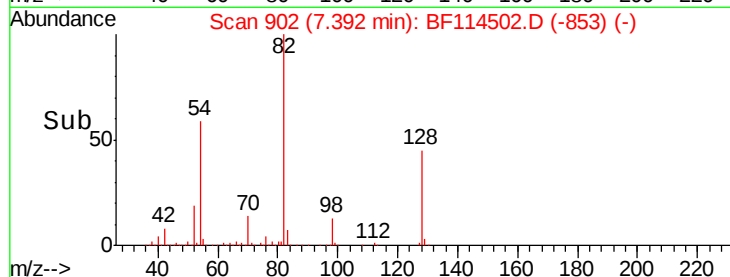
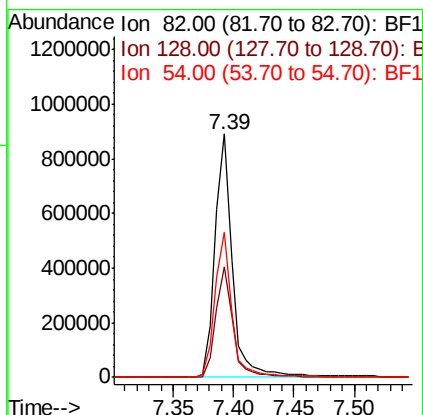
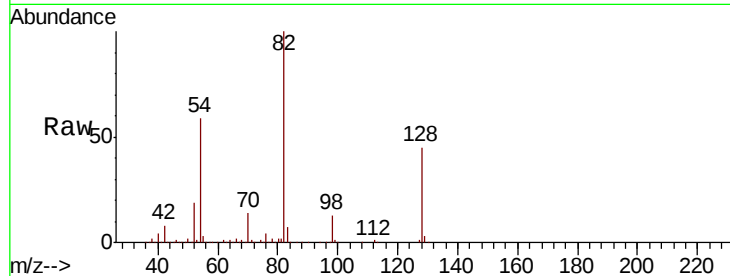




#23
 Nitrobenzene-d5
 Concen: 78.276 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114502.D
 Acq: 22 May 2019 23:53

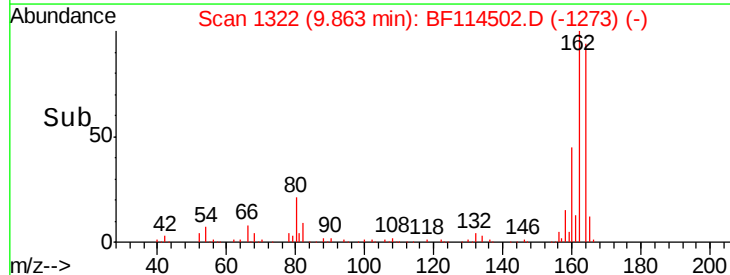
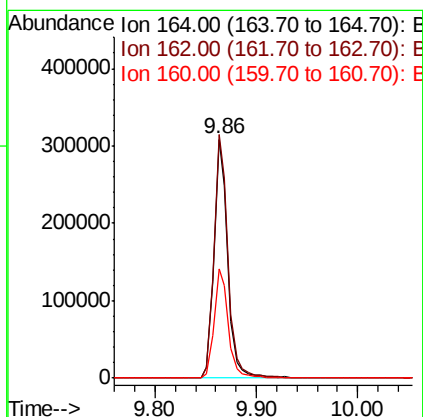
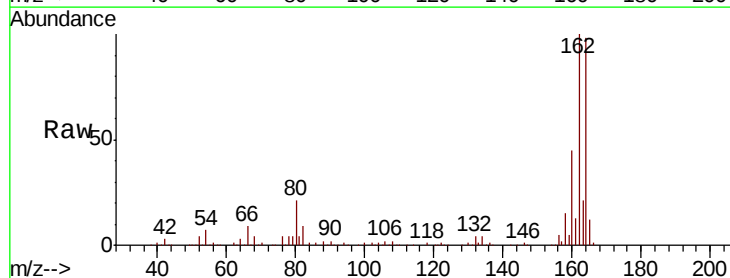
Instrument :
 BNA_F
 ClientSampleId :
 20190404-COMP-CH-74

Tot Ion	82	Resp	881909
Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.5	53.3
54	59.5	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114502.D
 Acq: 22 May 2019 23:53

Tgt Ion	164	Resp	291140
Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	120.8
160	45.6	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 109.829 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BF114502.D

Acq: 22 May 2019 23:53

Instrument :

BNA_F

ClientSampleId :

20190404-COMP-CH-74

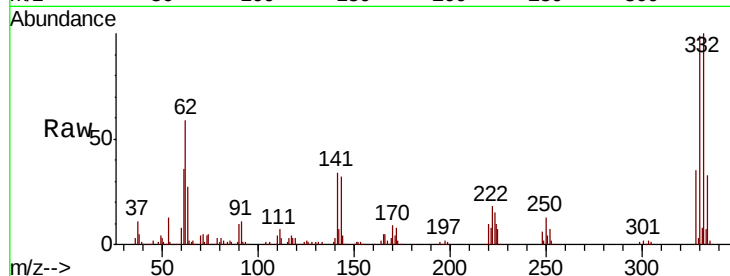
Tot Ion:330 Resp: 330574

Ion Ratio Lower Upper

330 100

332 101.3 81.4 122.2

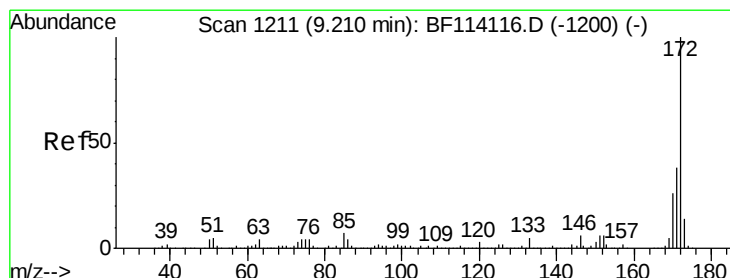
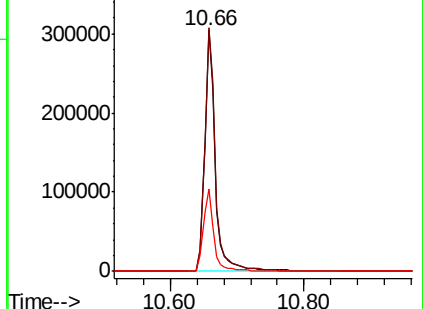
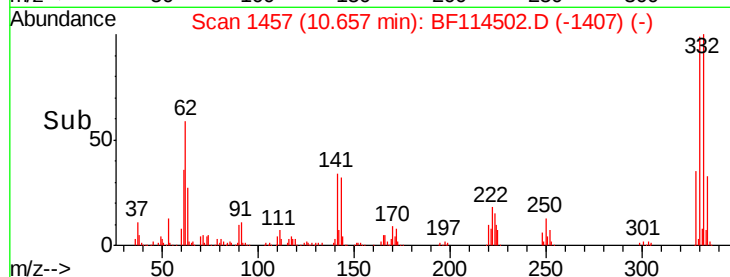
141 33.4 26.6 40.0



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: 75.754 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114502.D

Acq: 22 May 2019 23:53

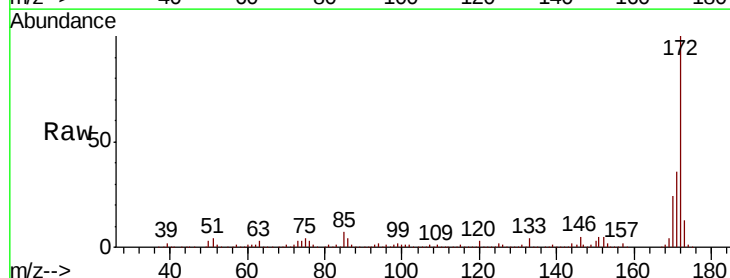
Tgt Ion:172 Resp: 1458029

Ion Ratio Lower Upper

172 100

171 35.6 30.7 46.1

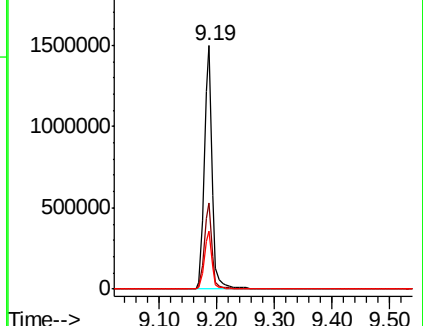
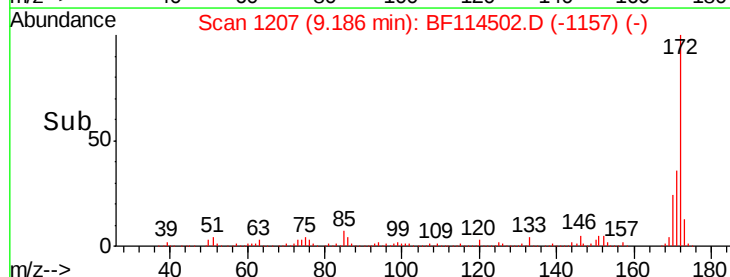
170 23.7 20.5 30.7

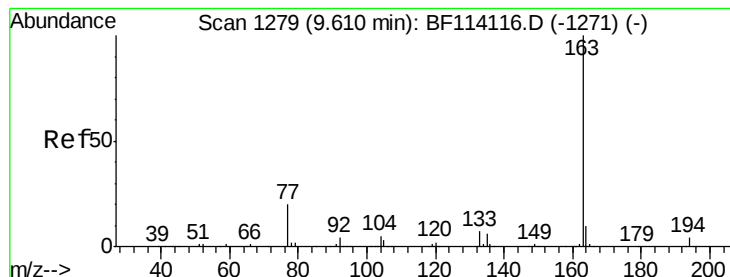


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 11.038 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114502.D

Acq: 22 May 2019 23:53

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20190404-COMP-CH-74

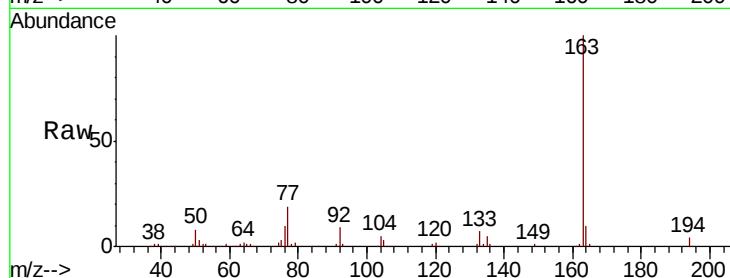
Tot Ion:163 Resp: 235901

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.0

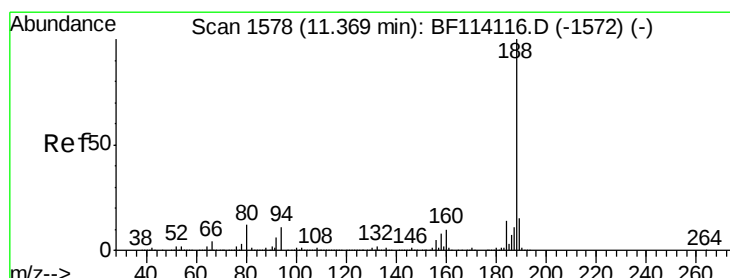
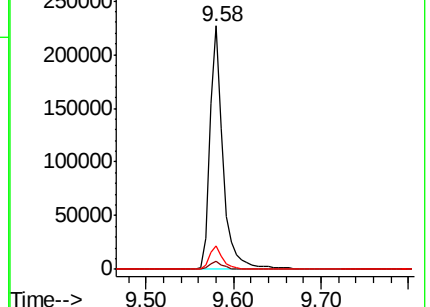
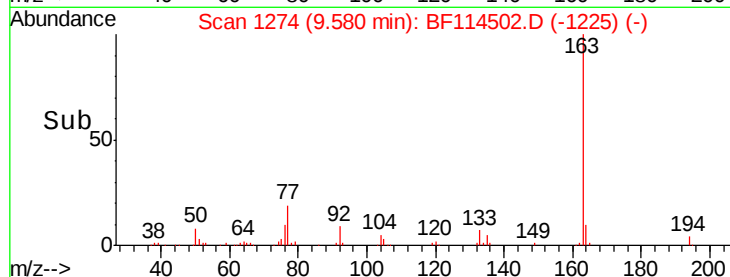
164 9.7 8.2 12.2



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: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114502.D

Acq: 22 May 2019 23:53

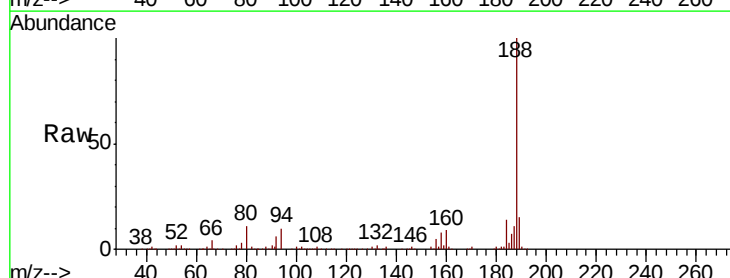
Tgt Ion:188 Resp: 566670

Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

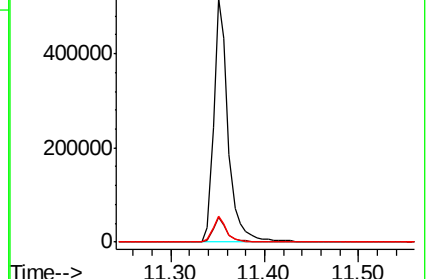
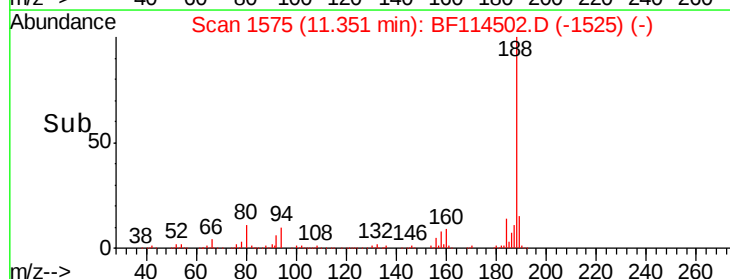
80 10.5 9.2 13.8

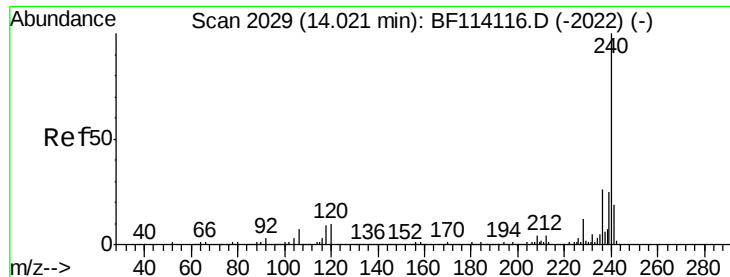


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

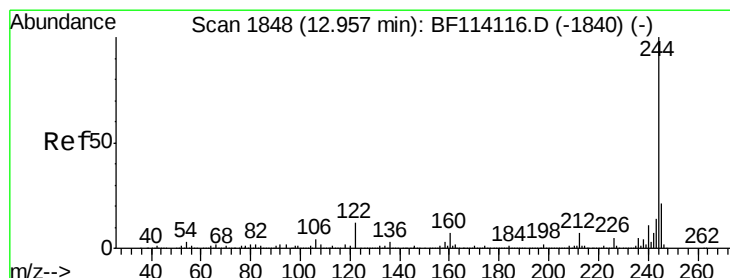
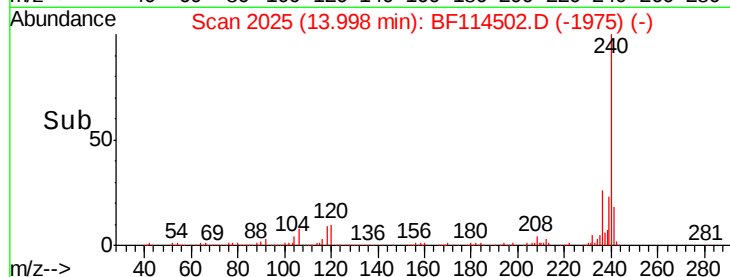
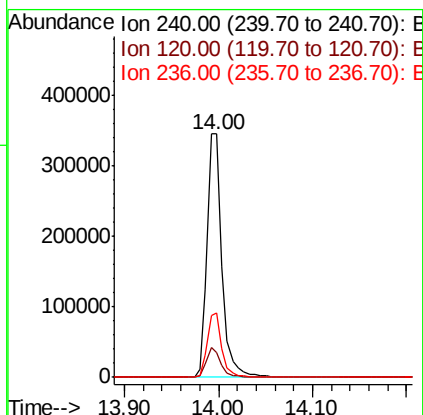
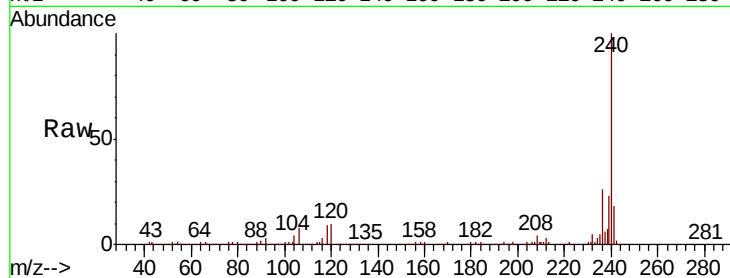




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114502.D
Acq: 22 May 2019 23:53

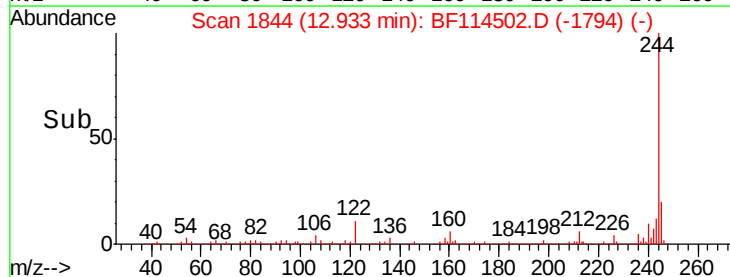
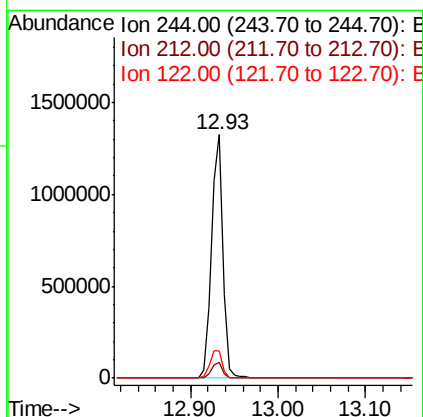
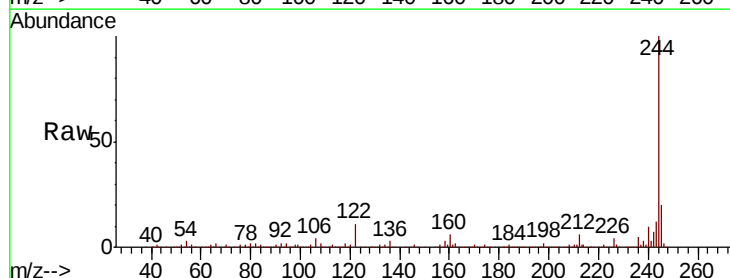
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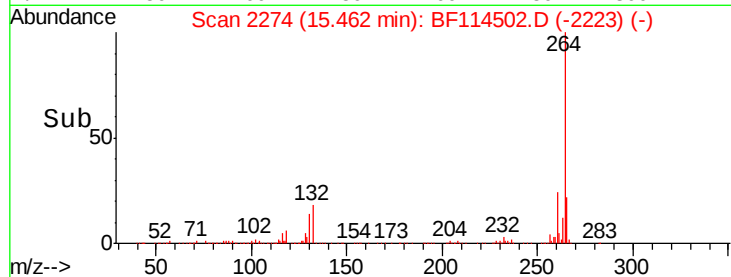
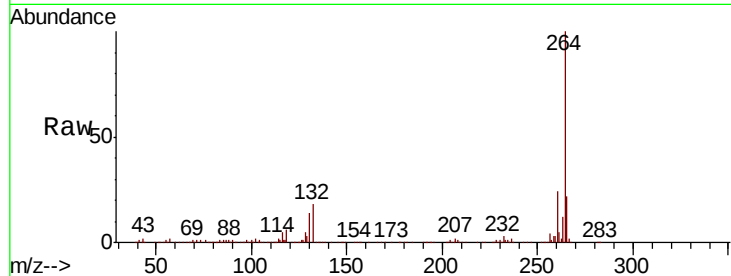
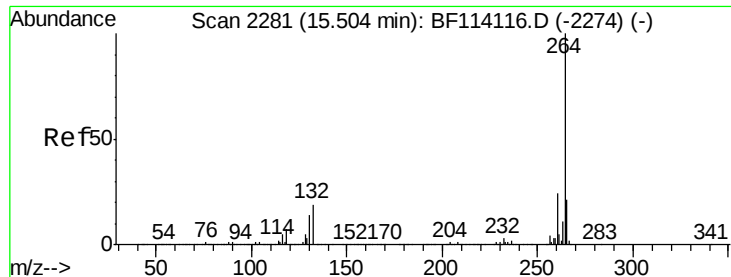
Tot Ion:240 Resp: 388671
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 26.3 20.8 31.2



#79
Terphenyl-d14
Concen: 63.463 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF114502.D
Acq: 22 May 2019 23:53

Tgt Ion:244 Resp: 1196555
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 11.3 9.4 14.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: BF114502.D
 Acq: 22 May 2019 23:53

Instrument :
 BNA_F
 ClientSampleId :
 20190404-COMP-CH-74

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	22.4	16.9	25.3

