

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114503.D
 Acq On : 23 May 2019 00:20
 Operator : JU/SJ
 Sample : K2954-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20190405-COMP-CH-82

Quant Time: May 23 04:32:47 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

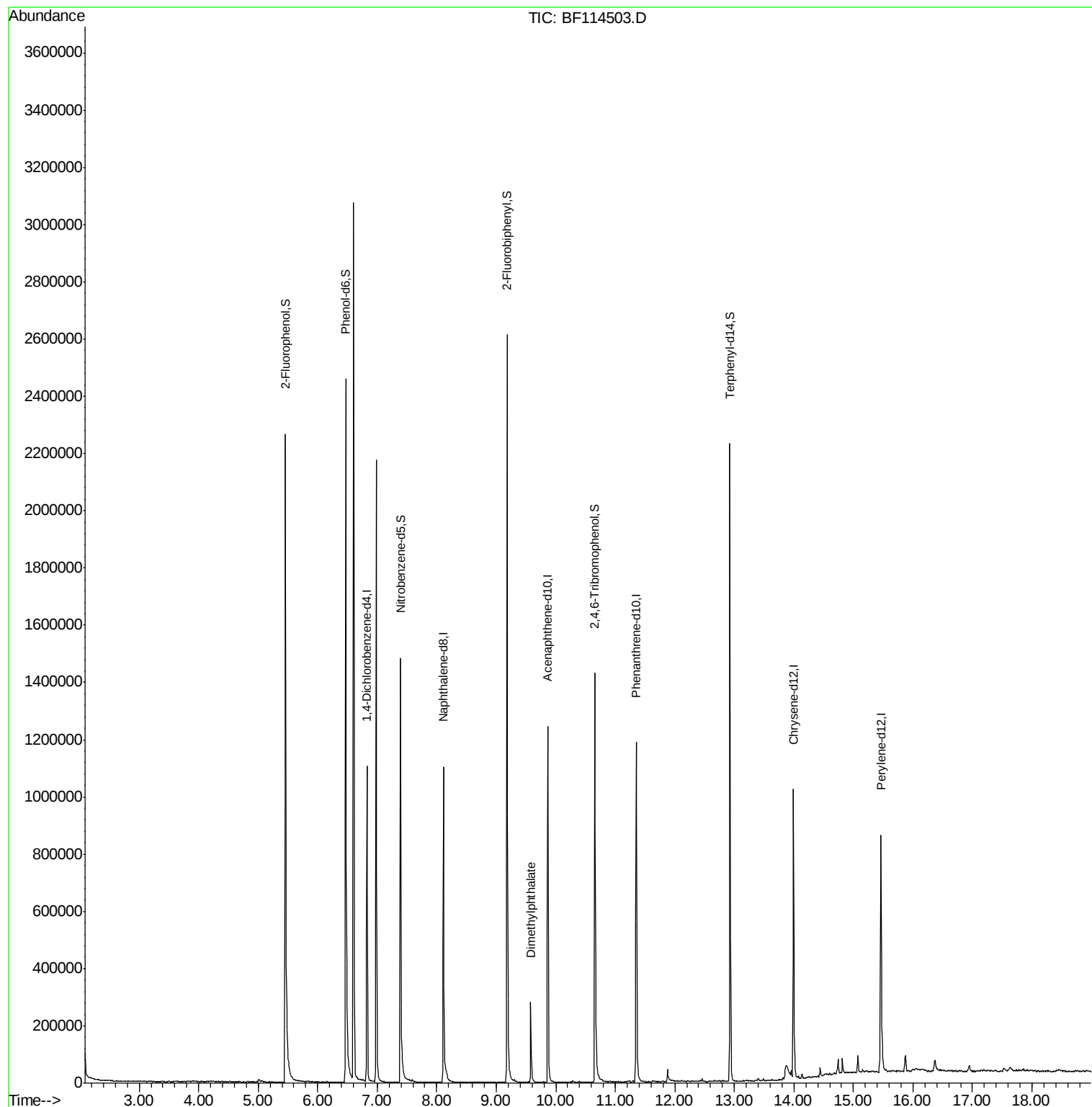
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	158804	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	608085	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	277101	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	522715	20.00	ng	0.00
76) Chrysene-d12	13.99	240	389521	20.00	ng	-0.01
87) Perylene-d12	15.46	264	433414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	754876	76.50	ng	-0.01
7) Phenol-d6	6.47	99	966797	82.84	ng	-0.02
23) Nitrobenzene-d5	7.39	82	577642	53.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	210997	73.65	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	968326	52.86	ng	0.00
79) Terphenyl-d14	12.93	244	787424	41.67	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.58	163	141644	6.963	ng	Qvalue 98

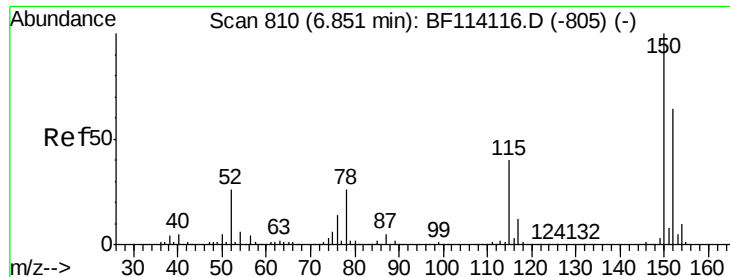
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 20 04:47:40 2019
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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: BF114503.D

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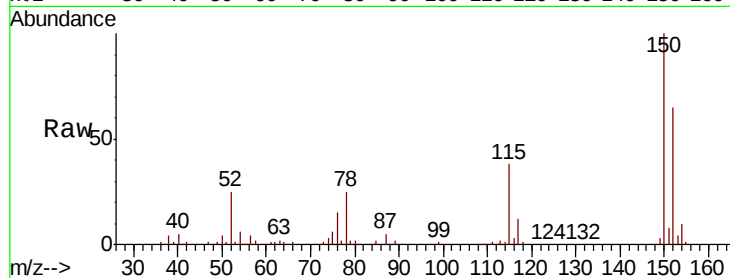
Tot Ion:152 Resp: 158804

Ion Ratio Lower Upper

152 100

150 153.6 124.3 186.5

115 58.5 49.1 73.7

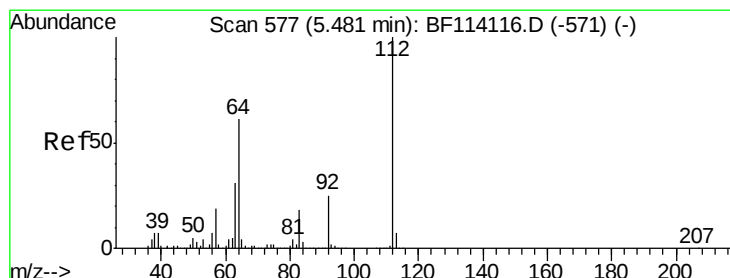
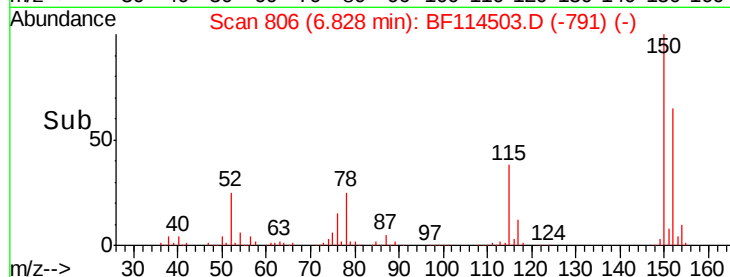
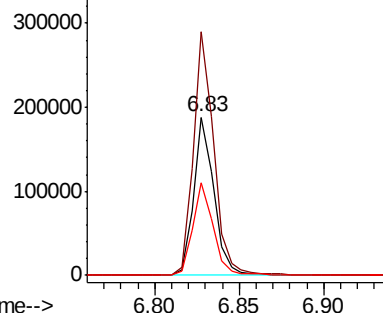


Abundance

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: 76.496 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF114503.D

Acq: 23 May 2019 00:20

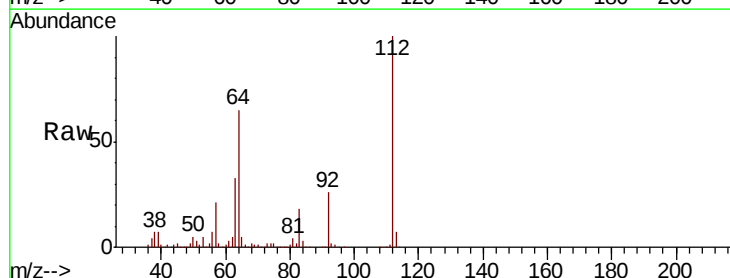
Tgt Ion:112 Resp: 754876

Ion Ratio Lower Upper

112 100

64 64.6 49.0 73.6

63 32.9 24.6 37.0

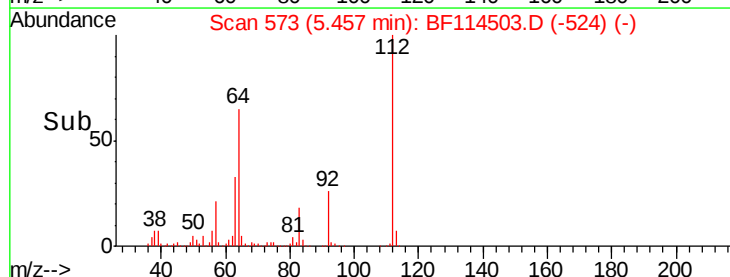
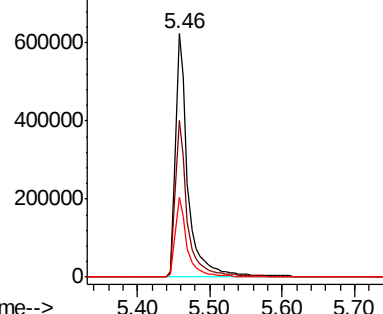


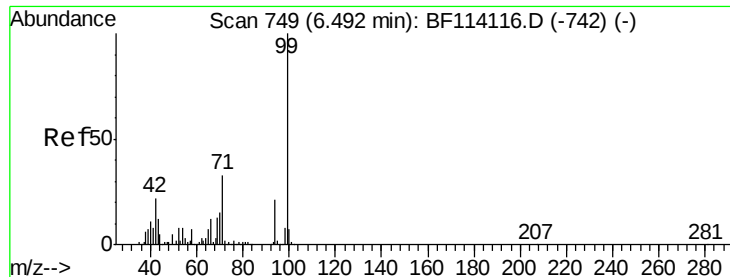
Abundance

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: 82.835 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF114503.D

Acq: 23 May 2019 00:20

Instrument :

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20190405-COMP-CH-82

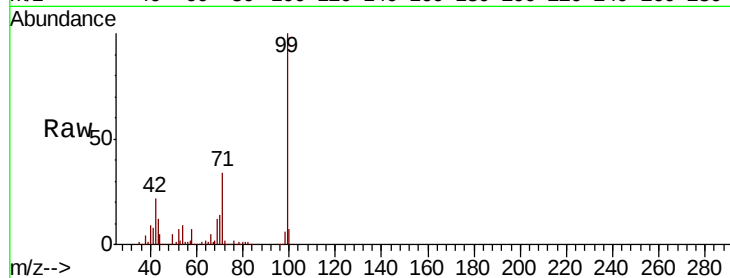
Tot Ion: 99 Resp: 966797

Ion Ratio Lower Upper

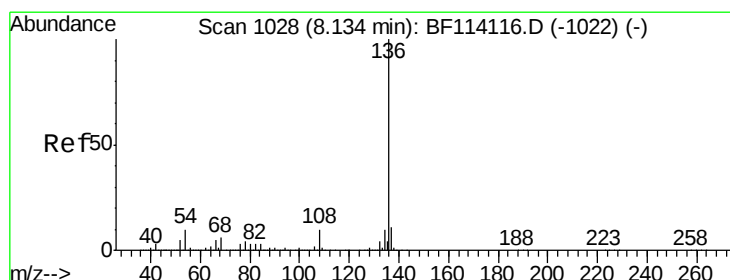
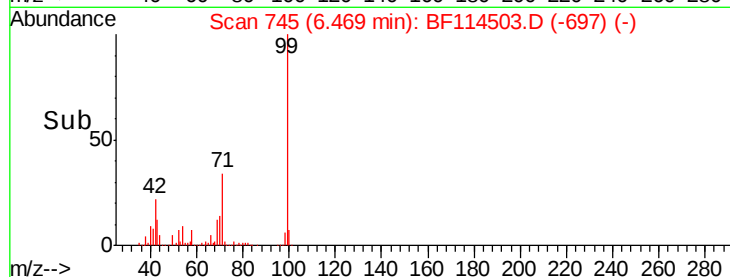
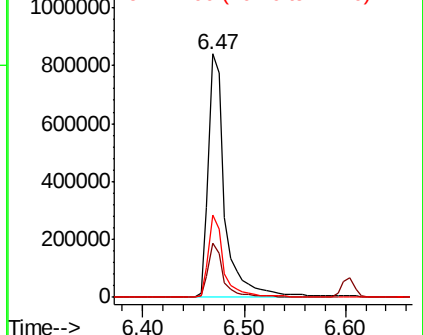
99 100

42 22.3 17.9 26.9

71 33.7 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: BF114503.D

Acq: 23 May 2019 00:20

Tgt Ion: 136 Resp: 608085

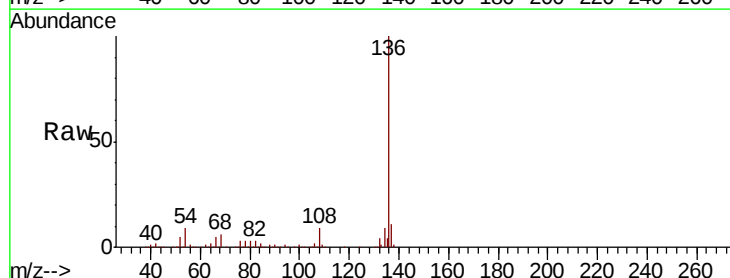
Ion Ratio Lower Upper

136 100

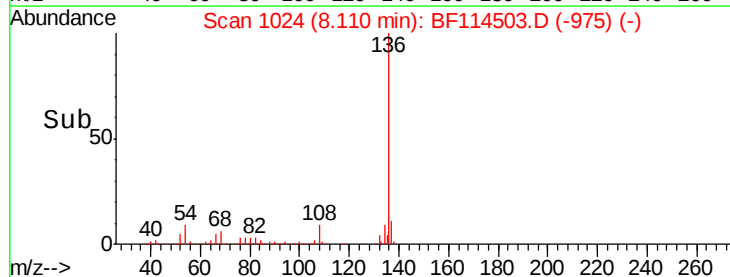
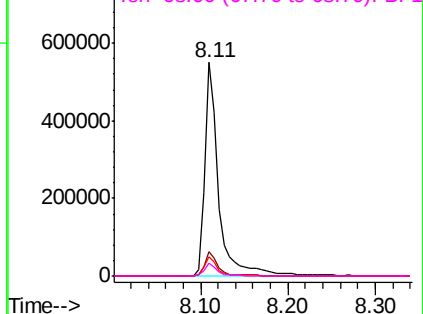
137 11.4 8.8 13.2

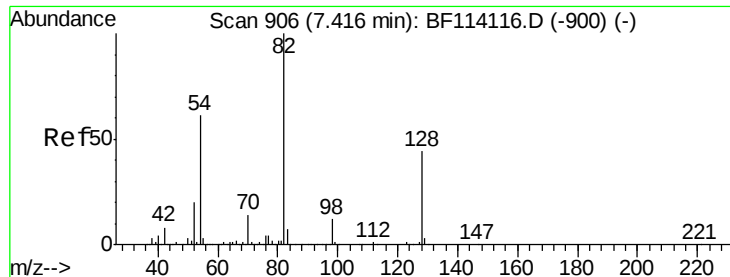
54 9.3 7.8 11.8

68 6.1 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

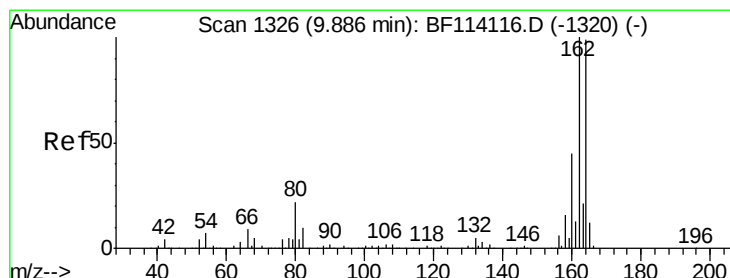
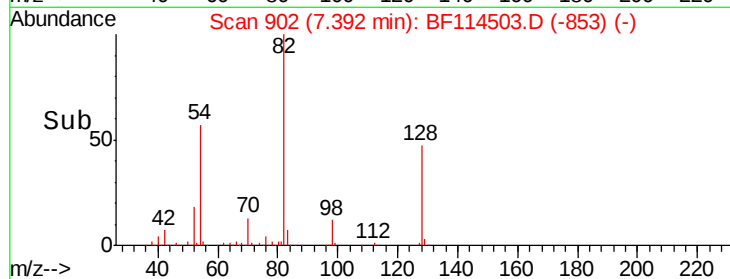
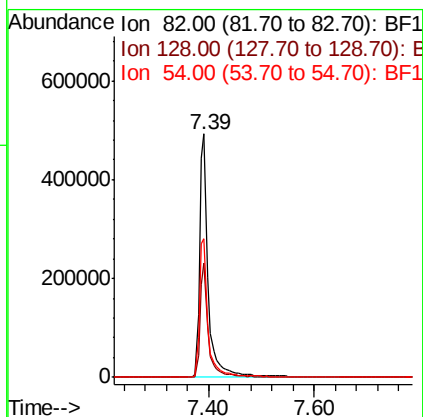
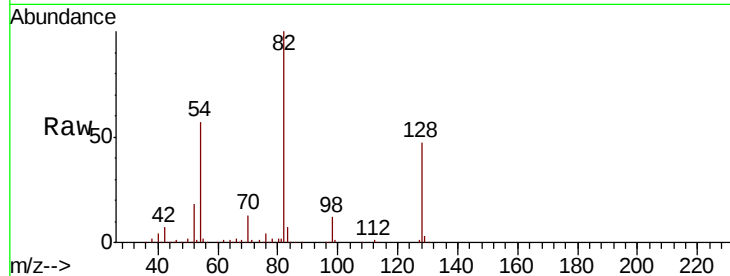




#23
Nitrobenzene-d5
Concen: 53.310 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114503.D
Acq: 23 May 2019 00:20

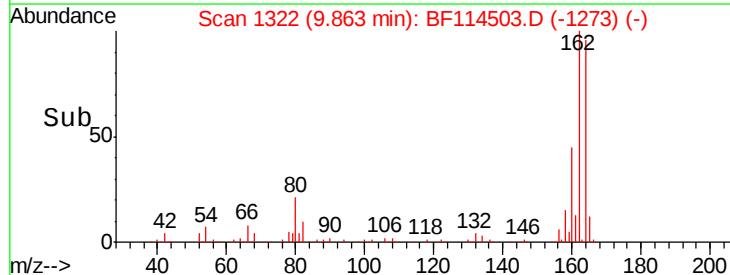
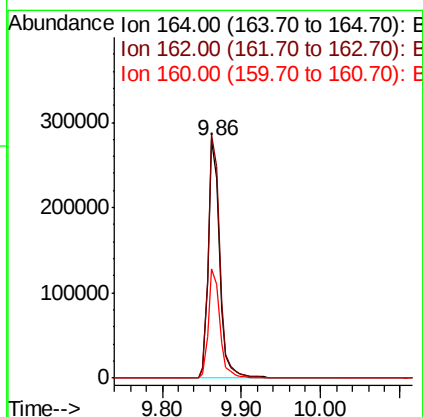
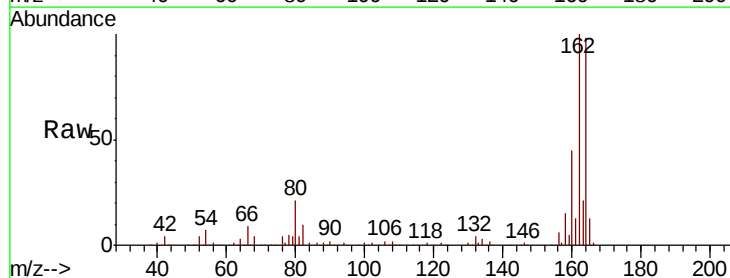
Instrument :
BNA_F
ClientSampleId :
20190405-COMP-CH-82

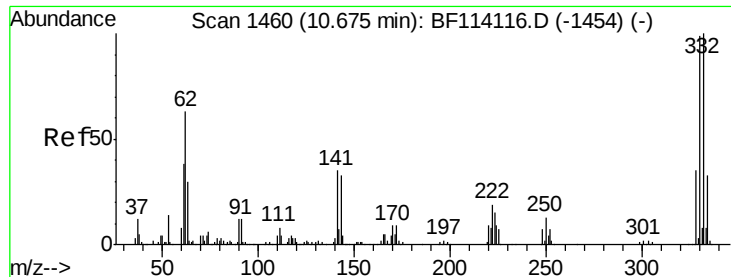
Tot Ion: 82 Resp: 577642
Ion Ratio Lower Upper
82 100
128 46.7 35.5 53.3
54 56.9 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF114503.D
Acq: 23 May 2019 00:20

Tgt Ion: 164 Resp: 277101
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 45.8 36.5 54.7

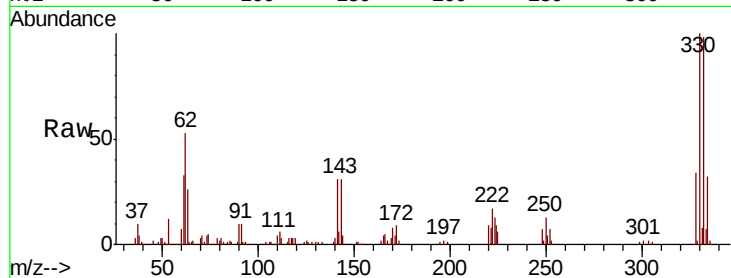




#42
 2,4,6-Tribromophenol
 Concen: 73.653 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114503.D
 Acq: 23 May 2019 00:20

Instrument :
 BNA_F
 ClientSampleId :
 20190405-COMP-CH-82

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.1	81.4	122.2
141	32.9	26.6	40.0

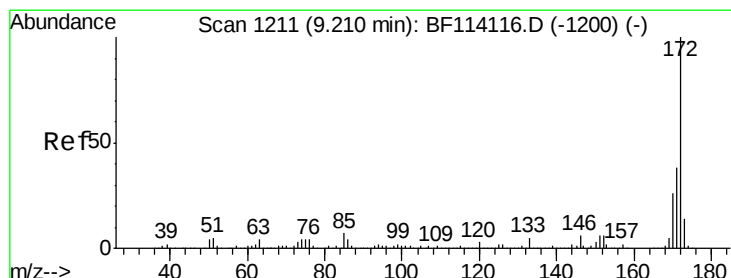
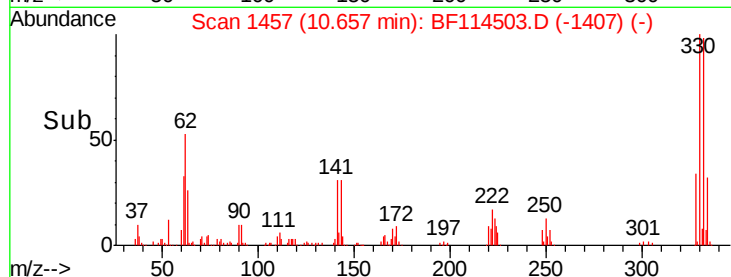
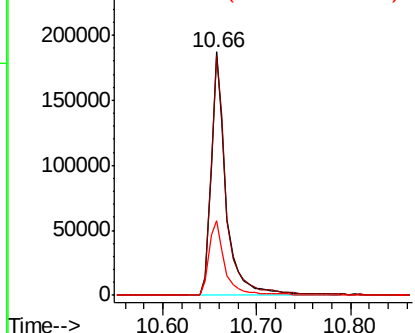


Abundance

Ion 329.80 (329.50 to 330.50): E

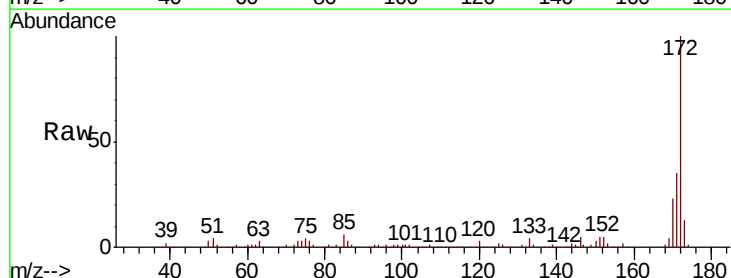
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 52.860 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114503.D
 Acq: 23 May 2019 00:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.7	46.1
170	23.1	20.5	30.7

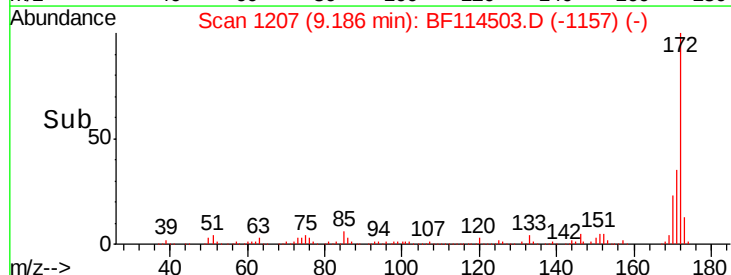
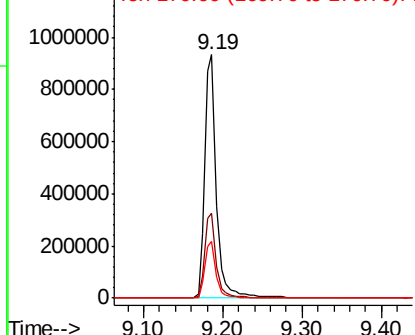


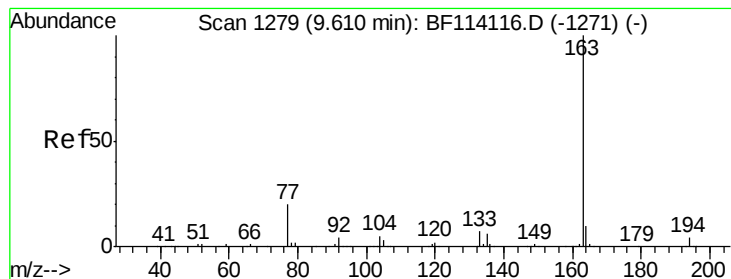
Abundance

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





#50

Dimethylphthalate

Concen: 6.963 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114503.D

Acq: 23 May 2019 00:20

Instrument :

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ClientSampleId :

20190405-COMP-CH-82

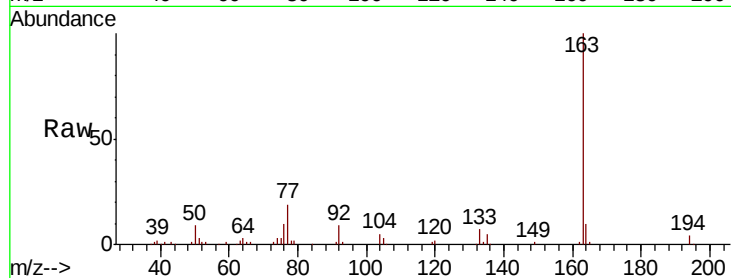
Tot Ion:163 Resp: 141644

Ion Ratio Lower Upper

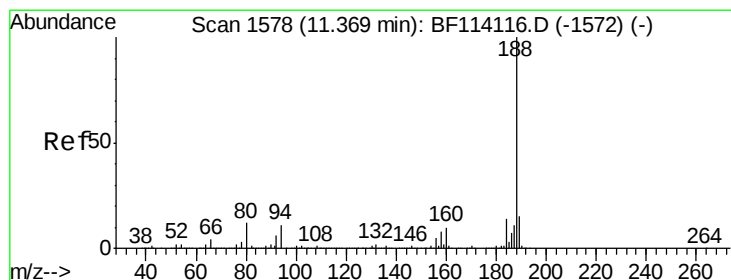
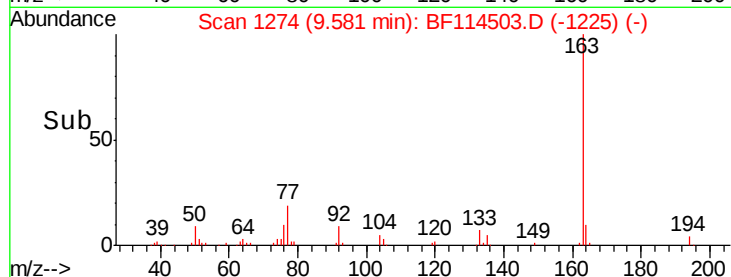
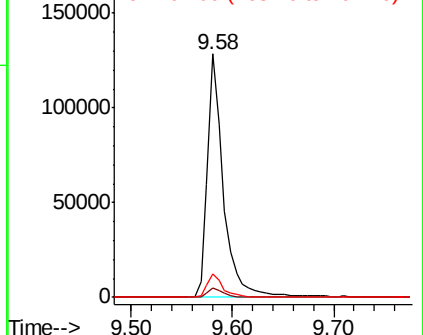
163 100

194 3.8 3.4 5.0

164 9.6 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: BF114503.D

Acq: 23 May 2019 00:20

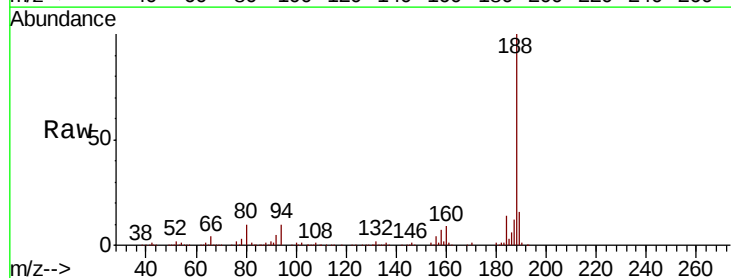
Tgt Ion:188 Resp: 522715

Ion Ratio Lower Upper

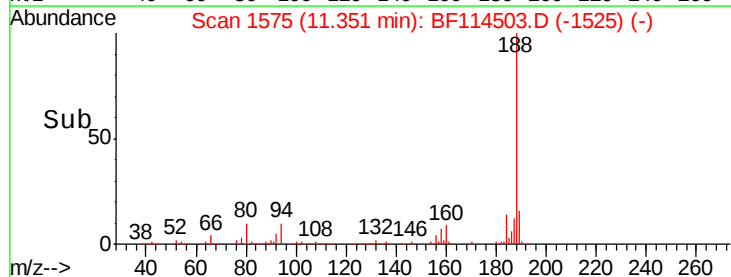
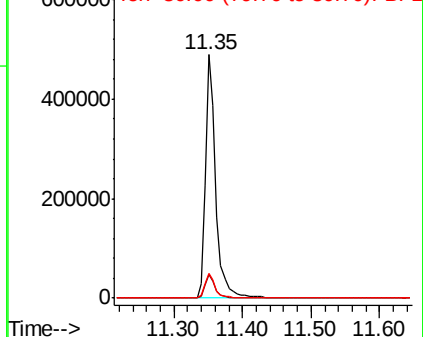
188 100

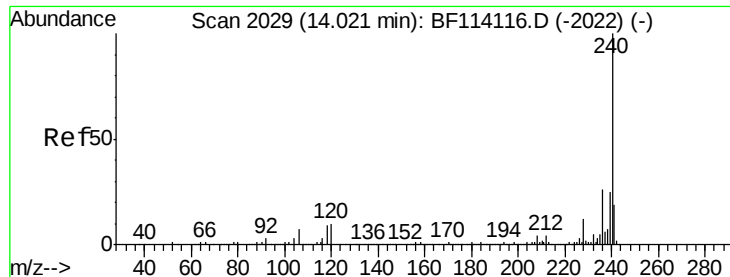
94 9.8 8.4 12.6

80 10.4 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

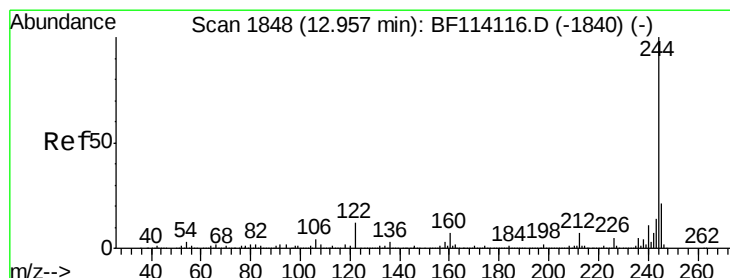
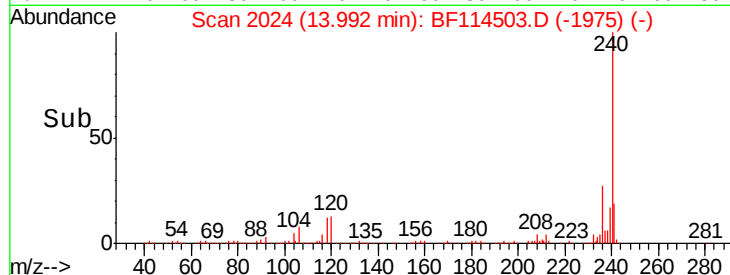
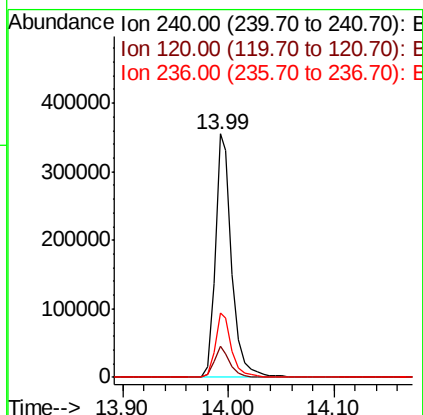
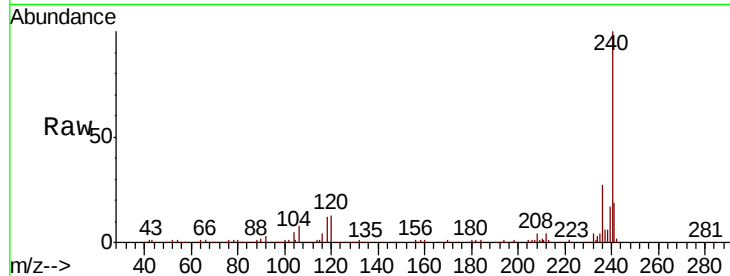




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF114503.D
 Acq: 23 May 2019 00:20

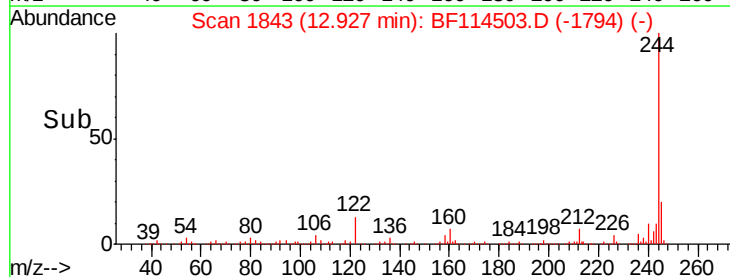
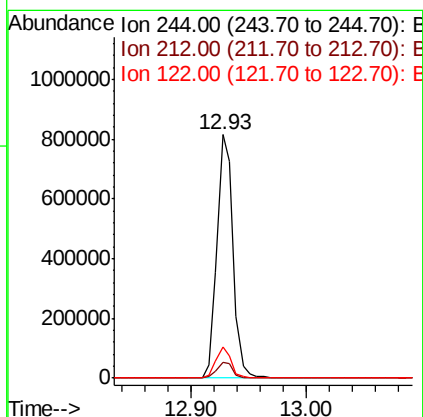
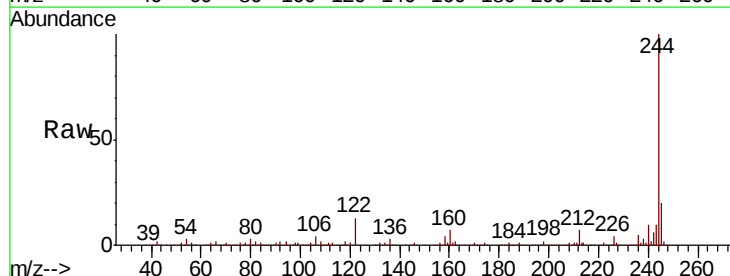
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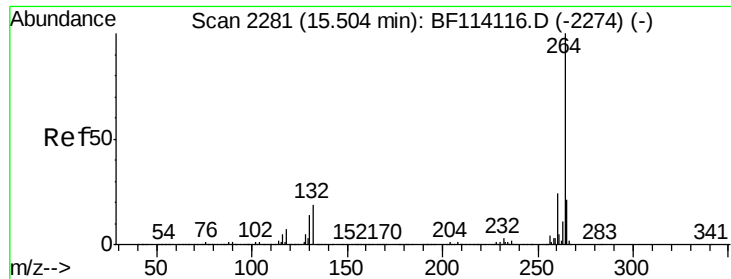
Tot Ion:240 Resp: 389521
 Ion Ratio Lower Upper
 240 100
 120 13.0 8.3 12.5#
 236 26.7 20.8 31.2



#79
 Terphenyl-d14
 Concen: 41.672 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BF114503.D
 Acq: 23 May 2019 00:20

Tgt Ion:244 Resp: 787424
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 12.7 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: BF114503.D
Acq: 23 May 2019 00:20

Instrument :
BNA_F
ClientSampleId :
20190405-COMP-CH-82

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.7	16.9	25.3

