

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114163.D
 Acq On : 11 May 2019 20:02
 Operator : JU/SJ
 Sample : K2766-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-1824-01

Quant Time: May 13 07:55:56 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 10 15:56:46 2019
 Response via : Initial Calibration

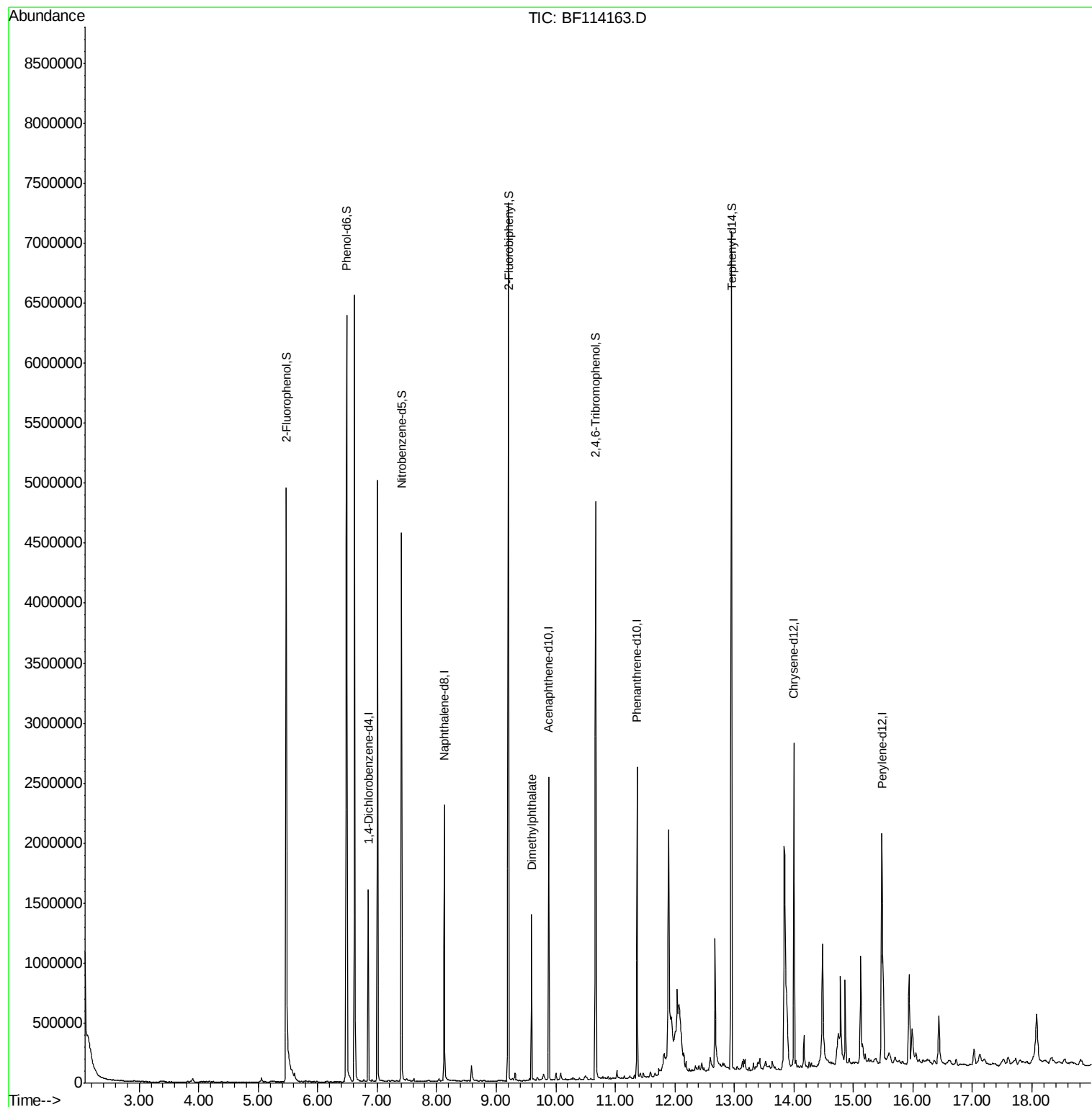
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	234150	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	933600	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	456962	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	952639	20.00	ng	0.00
76) Chrysene-d12	14.00	240	848475	20.00	ng	-0.02
87) Perylene-d12	15.48	264	905758	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1659035	114.02	ng	0.00
7) Phenol-d6	6.49	99	2183216	126.87	ng	0.00
23) Nitrobenzene-d5	7.41	82	1346456	80.94	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	563826	119.35	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2145407	71.02	ng	0.00
79) Terphenyl-d14	12.95	244	2379783	57.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	465822	13.886	ng	Qvalue 99

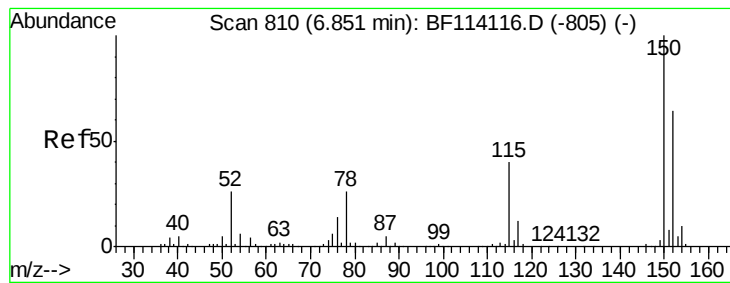
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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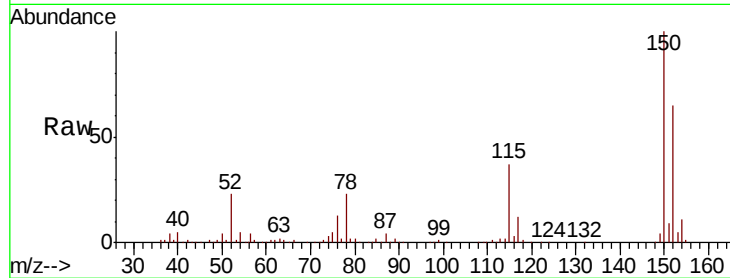


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114163.D
 Acq: 11 May 2019 20:02

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-1824-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.3	186.5
115	56.4	49.1	73.7

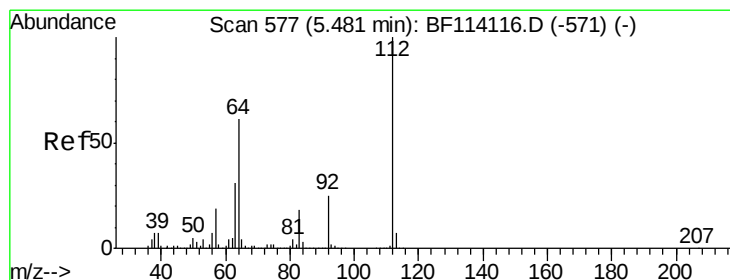
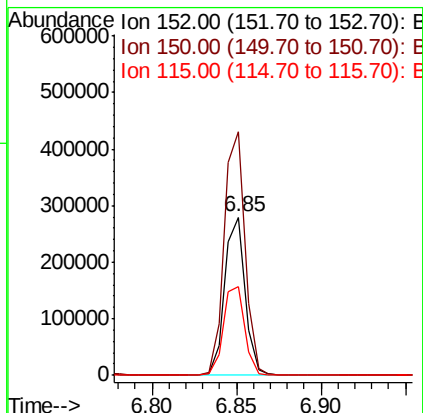
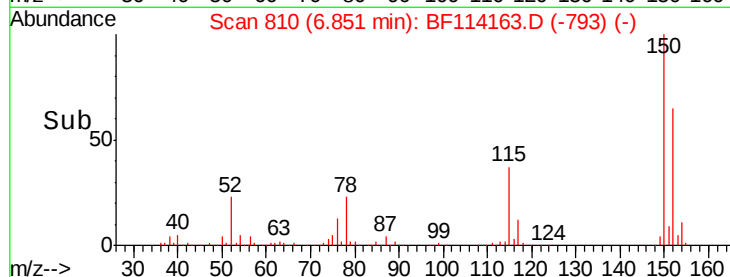


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

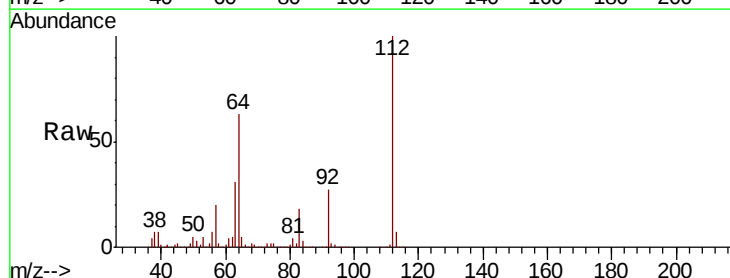
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 114.022 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF114163.D
 Acq: 11 May 2019 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	49.0	73.6
63	31.5	24.6	37.0

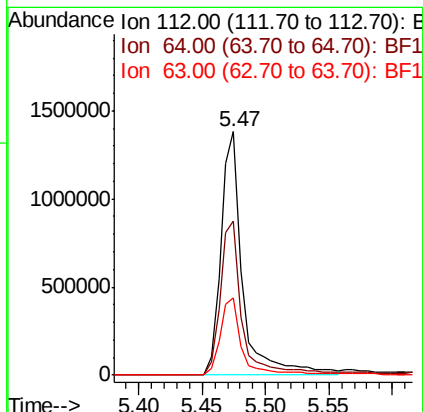
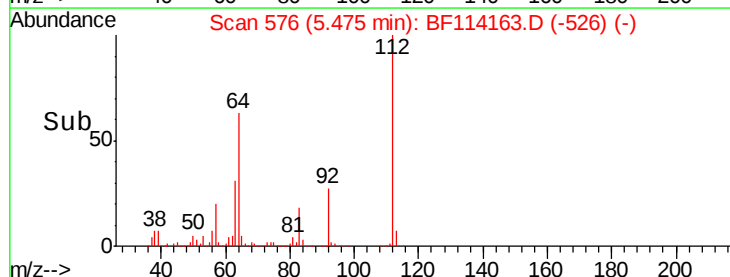


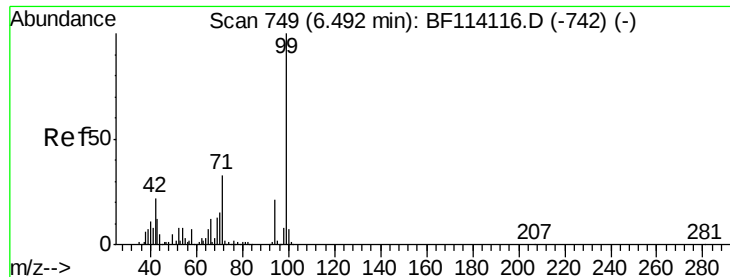
Abundance

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: 126.865 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

Instrument :

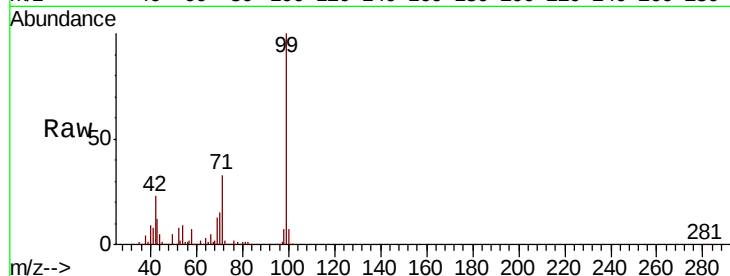
BNA_F

ClientSampleId :

P026-SS008-1824-01

Tot Ion: 99 Resp: 2183216

Ion	Ratio	Lower	Upper
99	100		
42	23.0	17.9	26.9
71	32.8	26.2	39.2

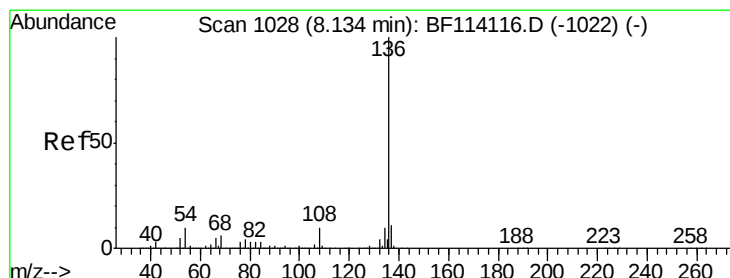
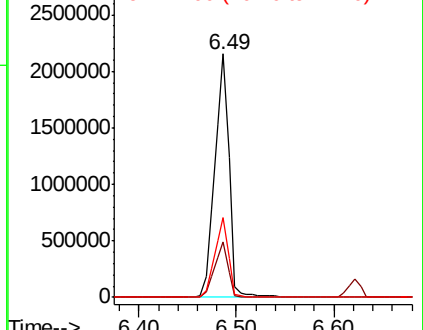
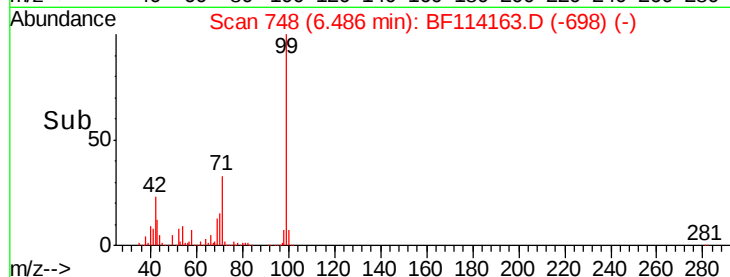


Abundance

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: 8.13 min Scan# 1027

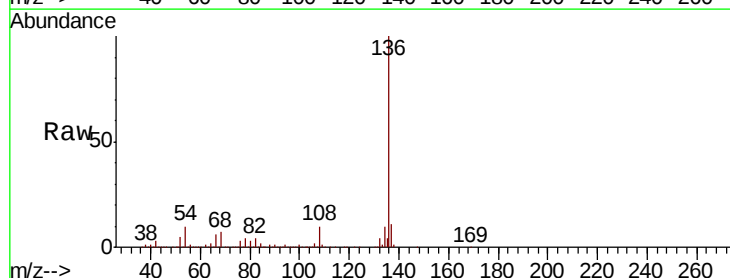
Delta R.T. -0.01 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

Tgt Ion: 136 Resp: 933600

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.9	7.8	11.8
68	6.6	5.1	7.7



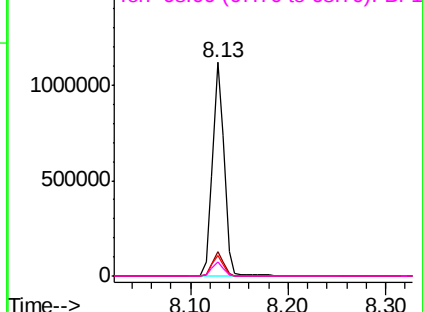
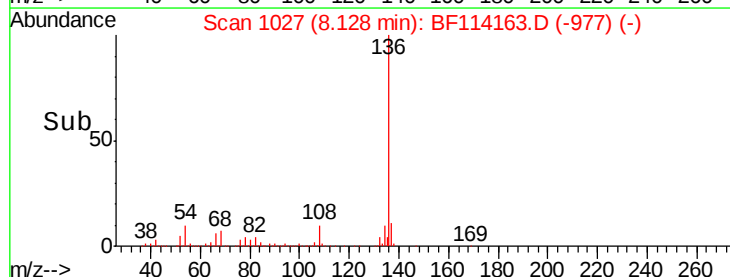
Abundance

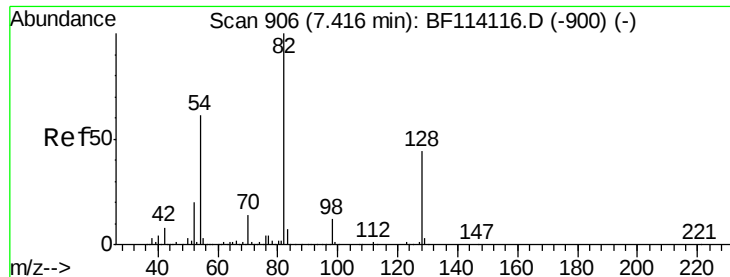
Ion 136.00 (135.70 to 136.70): E

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

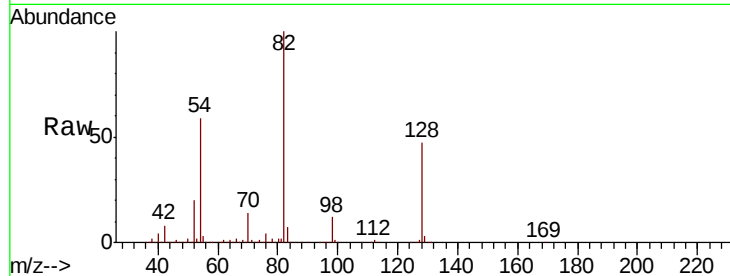




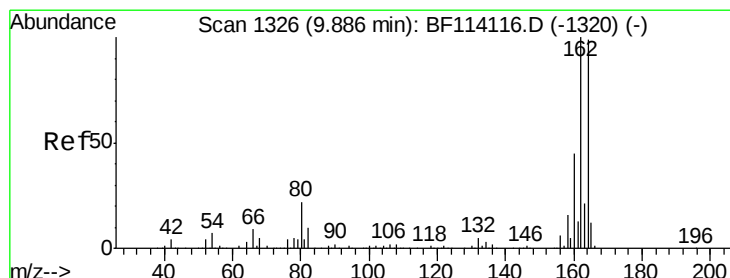
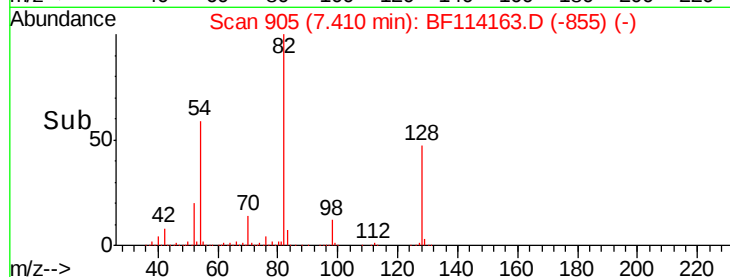
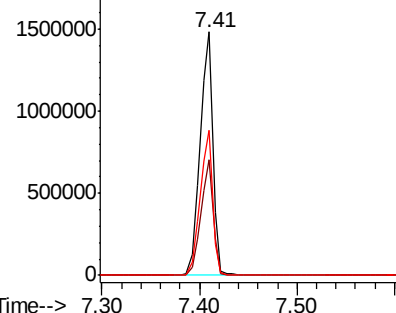
#23
Nitrobenzene-d5
Concen: 80.937 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114163.D
Acq: 11 May 2019 20:02

Instrument :
BNA_F
ClientSampleId :
P026-SS008-1824-01

Tot Ion: 82 Resp: 1346456
Ion Ratio Lower Upper
82 100
128 47.3 35.5 53.3
54 59.4 48.5 72.7

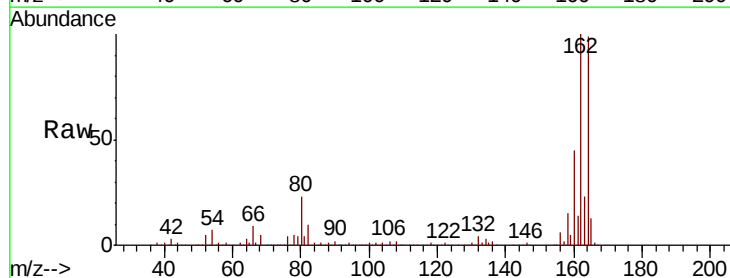


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

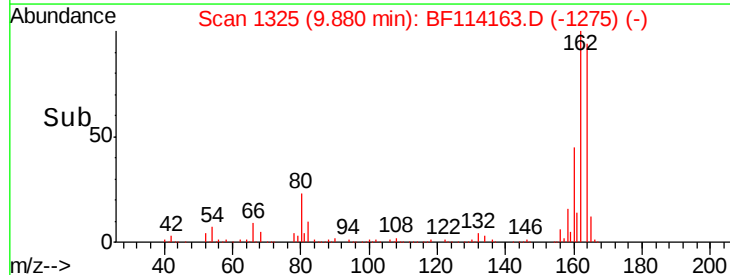
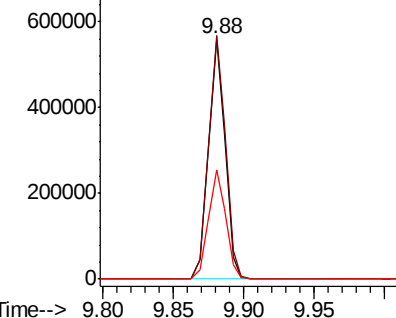


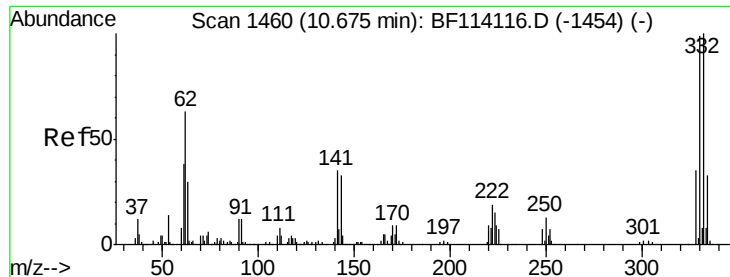
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114163.D
Acq: 11 May 2019 20:02

Tgt Ion:164 Resp: 456962
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 45.6 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: 119.348 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

Instrument :

BNA_F

ClientSampleId :

P026-SS008-1824-01

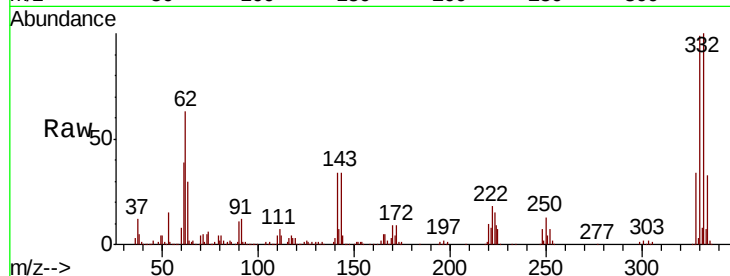
Tot Ion:330 Resp: 563826

Ion Ratio Lower Upper

330 100

332 102.4 81.4 122.2

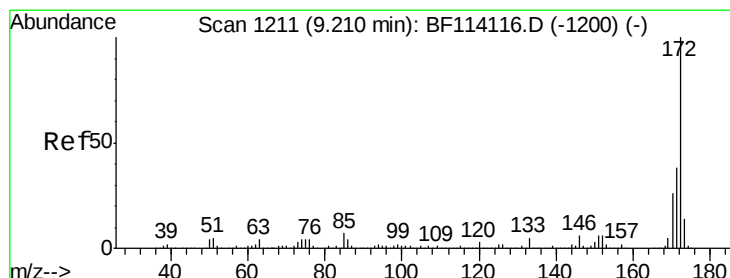
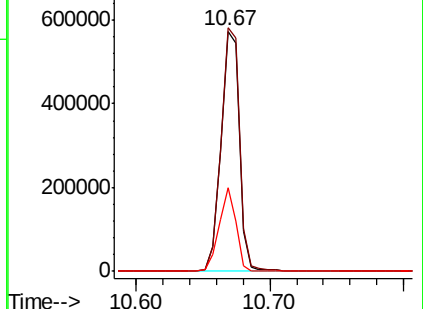
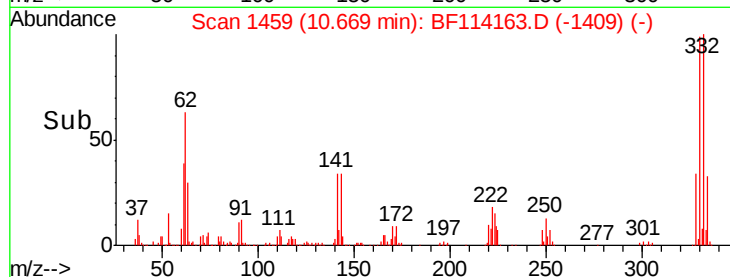
141 32.0 26.6 40.0



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: 71.019 ng

RT: 9.20 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

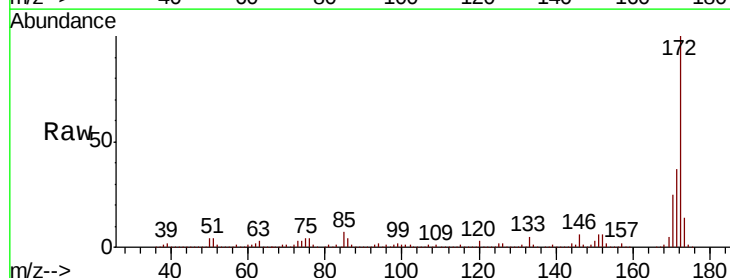
Tgt Ion:172 Resp: 2145407

Ion Ratio Lower Upper

172 100

171 36.9 30.7 46.1

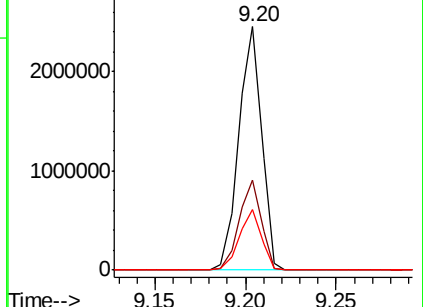
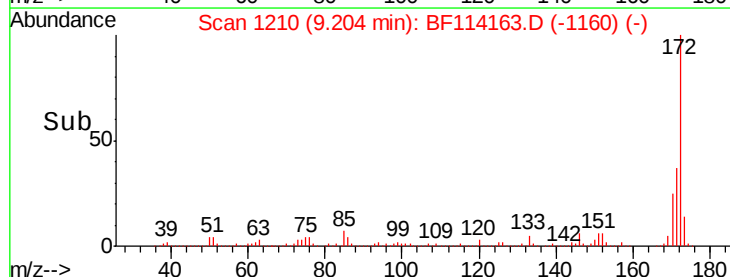
170 25.0 20.5 30.7

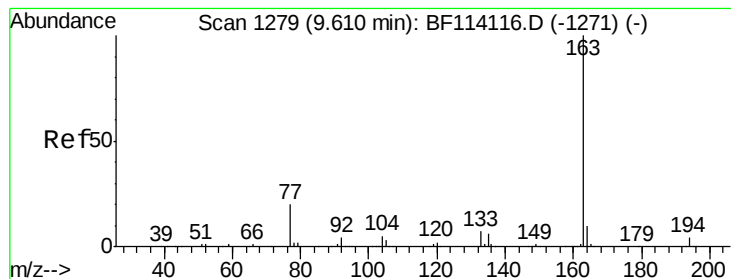


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 13.886 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

Instrument :

BNA_F

ClientSampleId :

P026-SS008-1824-01

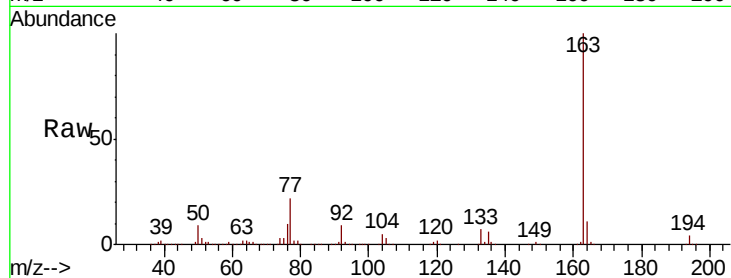
Tot Ion:163 Resp: 465822

Ion Ratio Lower Upper

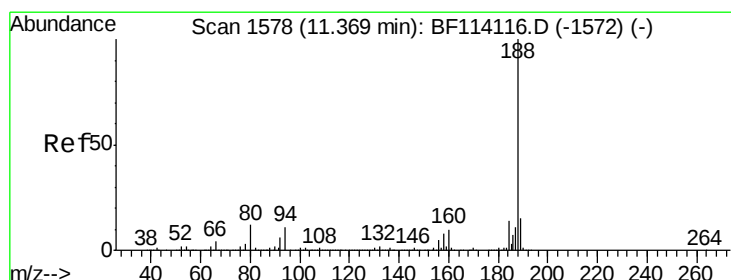
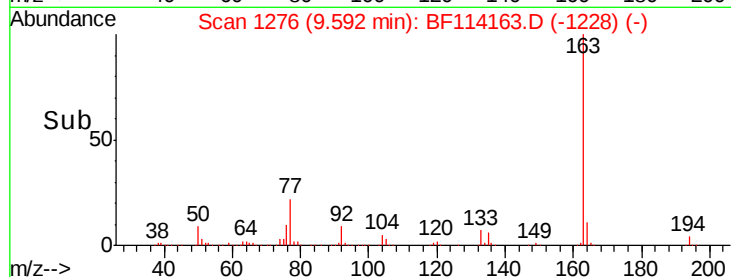
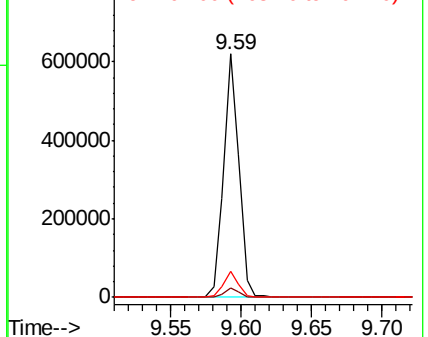
163 100

194 3.9 3.4 5.0

164 10.6 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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

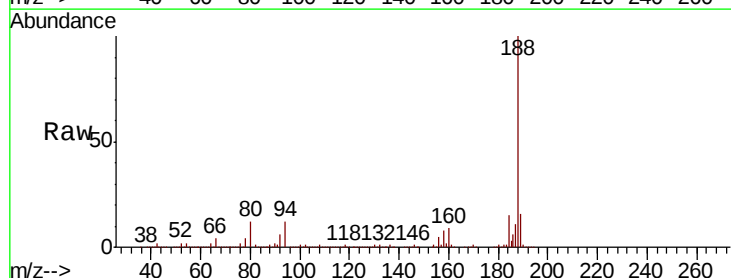
Tgt Ion:188 Resp: 952639

Ion Ratio Lower Upper

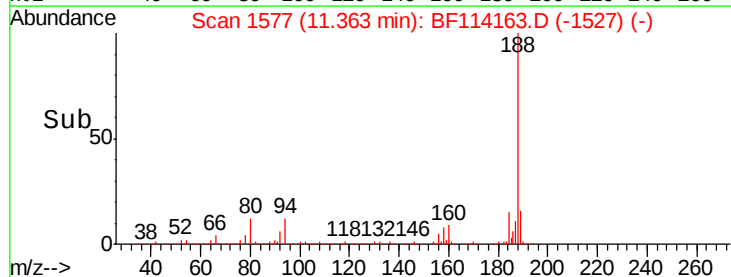
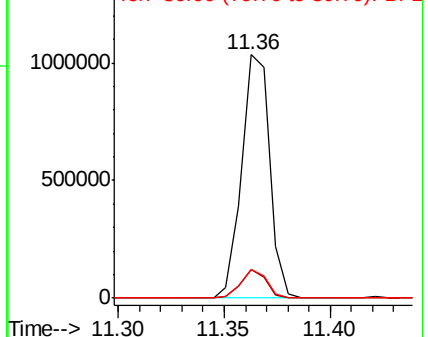
188 100

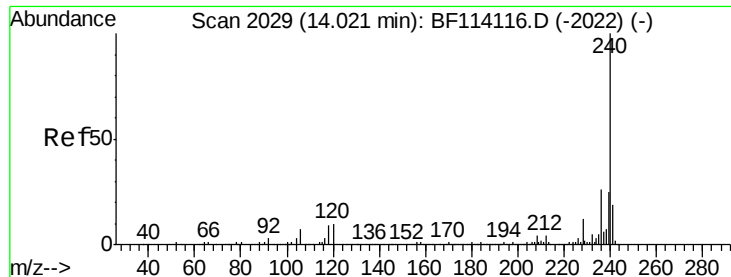
94 11.6 8.4 12.6

80 11.9 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# 2026

Delta R.T. -0.02 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

Instrument :

BNA_F

ClientSampleId :

P026-SS008-1824-01

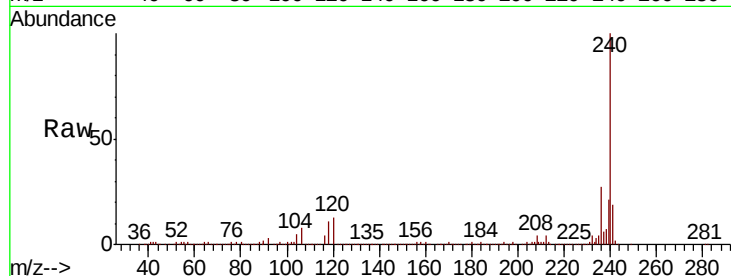
Tot Ion:240 Resp: 848475

Ion Ratio Lower Upper

240 100

120 12.6 8.3 12.5#

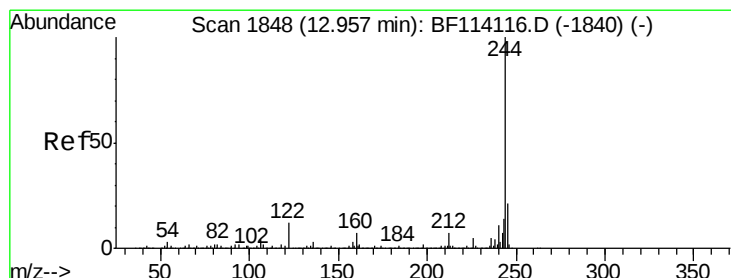
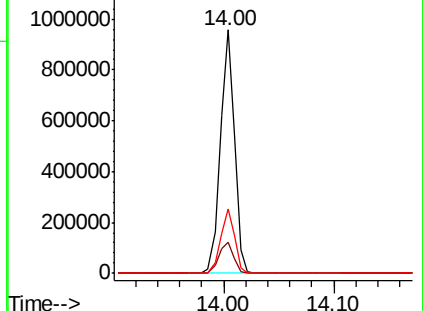
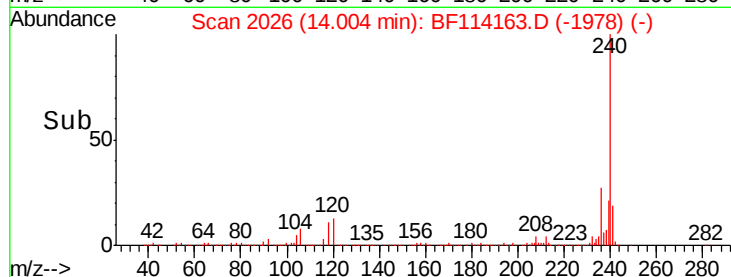
236 26.6 20.8 31.2



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: 57.819 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

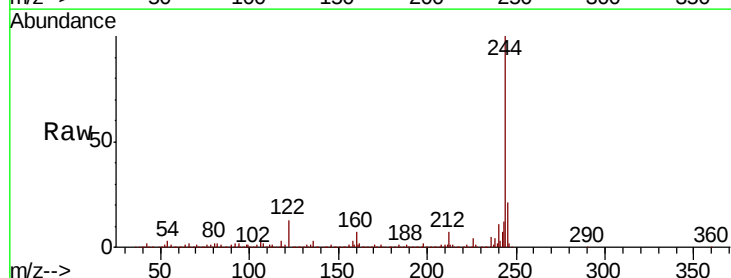
Tgt Ion:244 Resp: 2379783

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

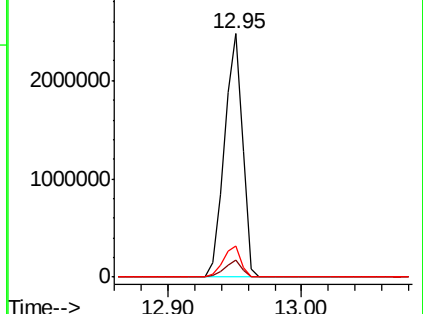
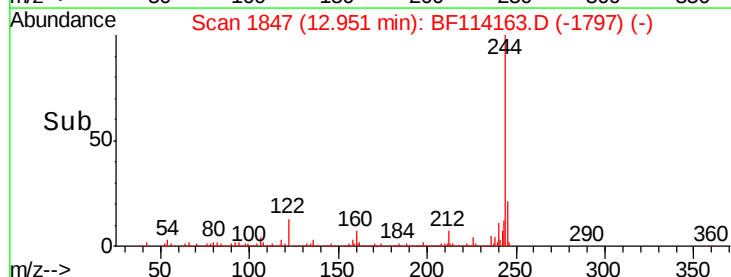
122 12.8 9.4 14.2

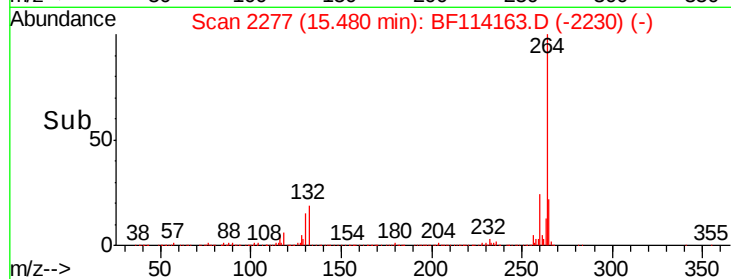
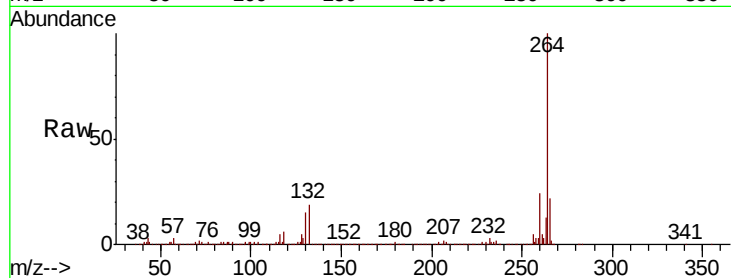
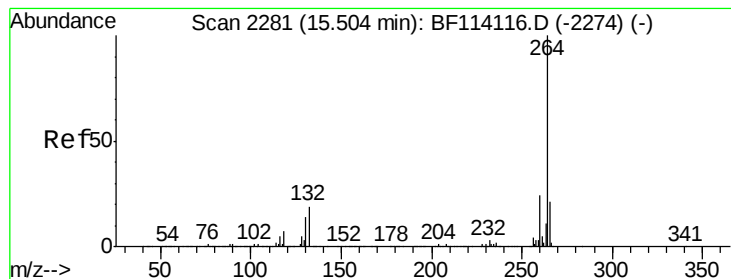


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BF114163.D

Acq: 11 May 2019 20:02

Instrument :

BNA_F

ClientSampleId :

P026-SS008-1824-01

Tot Ion:264 Resp: 905758

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.0

265 22.4 16.9 25.3

