

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
 Data File : BF114722.D
 Acq On : 31 May 2019 22:21
 Operator : HP/JU
 Sample : K3037-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190523

Quant Time: Jun 01 01:42:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 19:08:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	417597	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	1576813	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	784450	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	1429404	20.00	ng	0.00
76) Chrysene-d12	13.81	240	959097	20.00	ng	0.00
87) Perylene-d12	15.20	264	836891	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1434193	60.30	ng	0.01
7) Phenol-d6	6.32	99	1132817	39.52	ng	0.00
23) Nitrobenzene-d5	7.26	82	2229560	88.22	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	979566	131.05	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	3780243	91.80	ng	0.00
79) Terphenyl-d14	12.78	244	3741903	73.35	ng	0.00

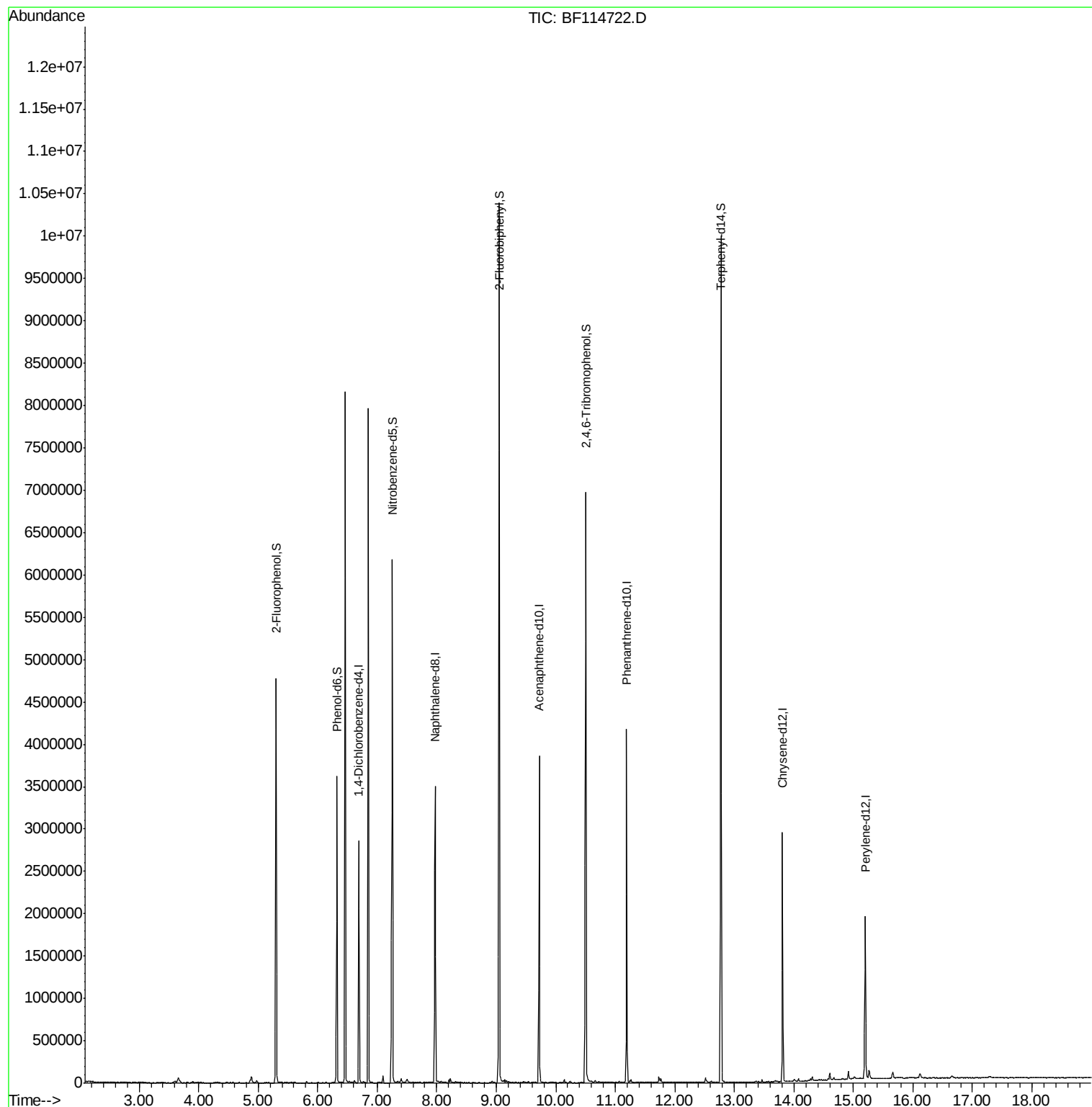
Target Compounds Qvalue

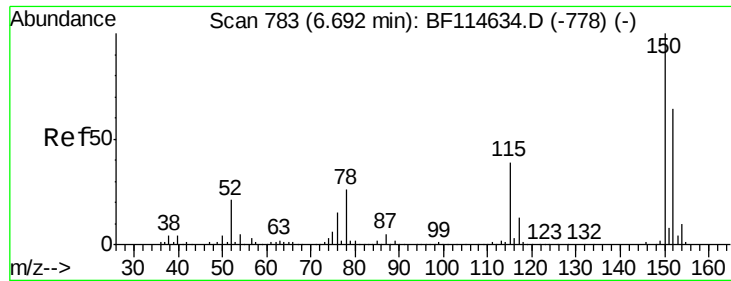
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114722.D
Acq On : 31 May 2019 22:21
Operator : HP/JU
Sample : K3037-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Quant Time: Jun 01 01:42:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration



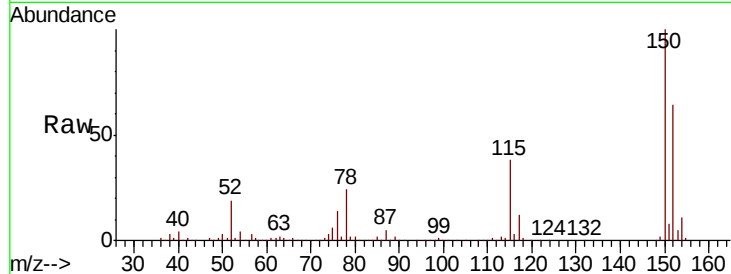


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.4	186.6
115	59.9	48.7	73.1

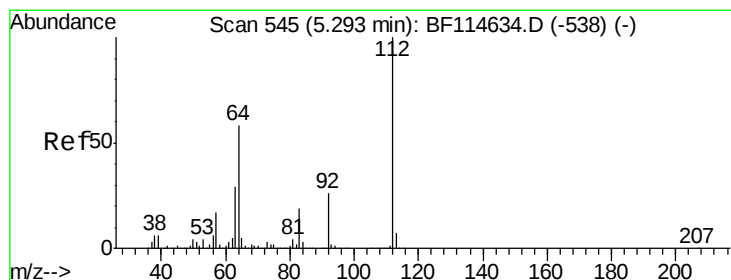
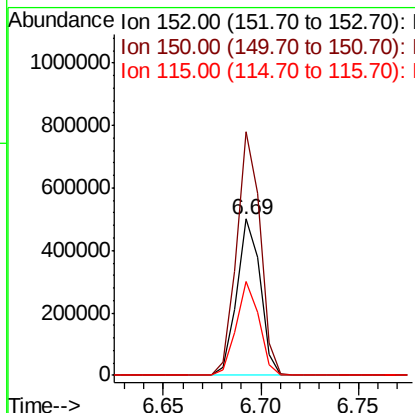
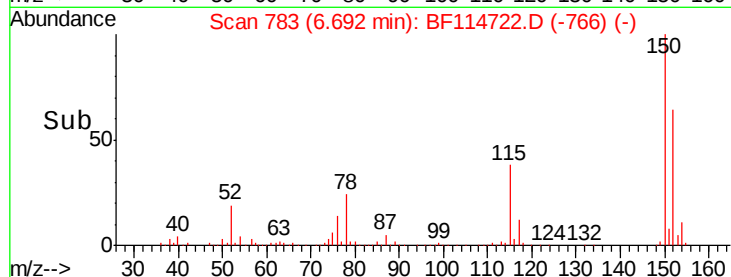


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

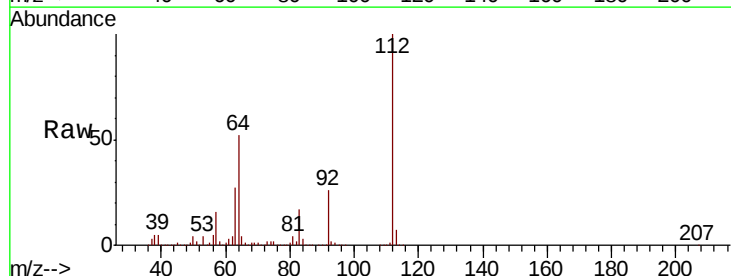
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 60.298 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	46.1	69.1
63	26.8	23.4	35.2

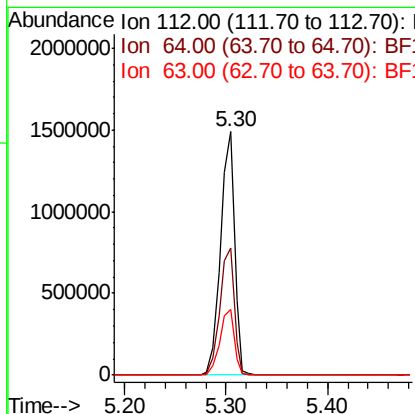
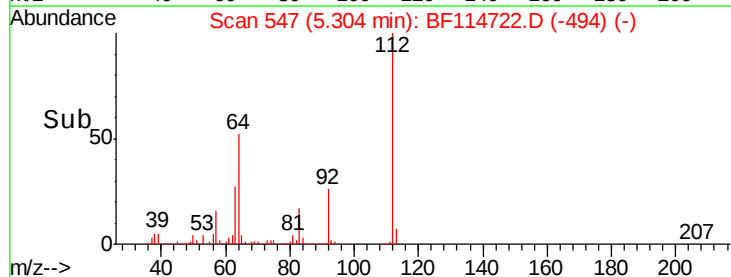


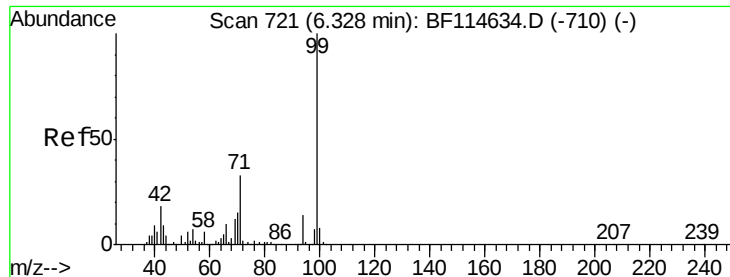
Abundance

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: 39.523 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

Instrument :

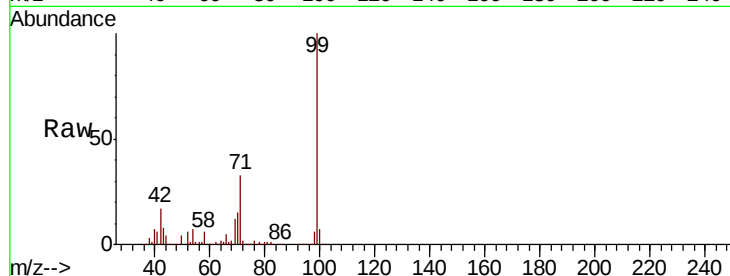
BNA_F

ClientSampleId :

FB-20190523

Tot Ion: 99 Resp: 1132817

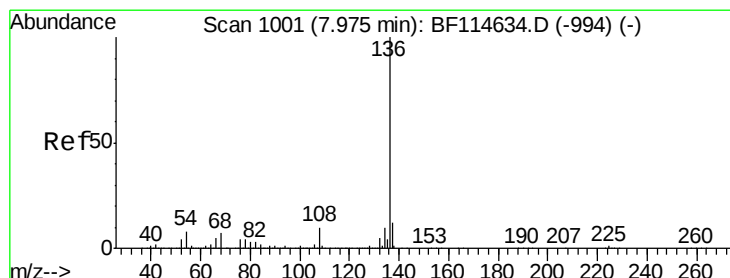
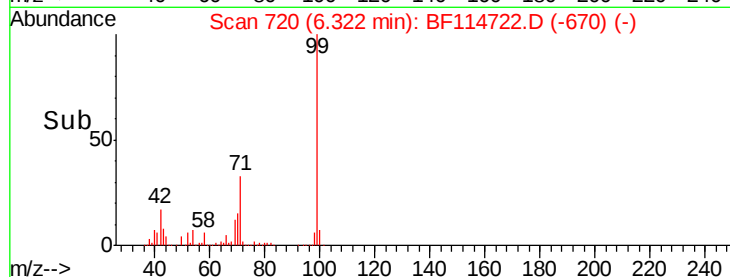
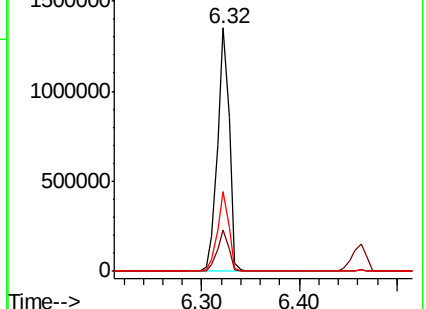
Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.7	22.1
71	32.8	26.6	40.0



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: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

Tgt Ion: 136 Resp: 1576813

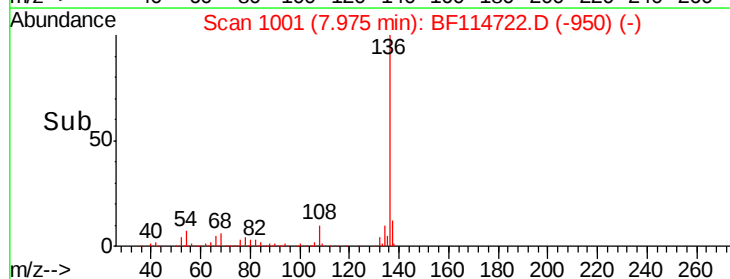
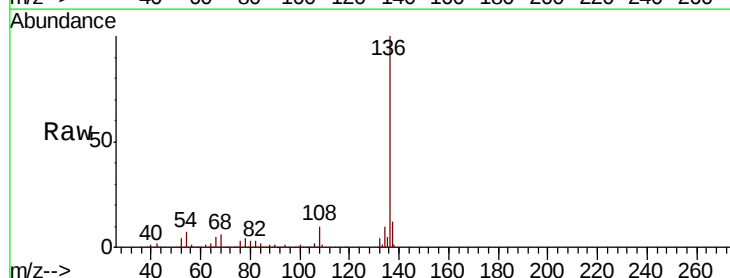
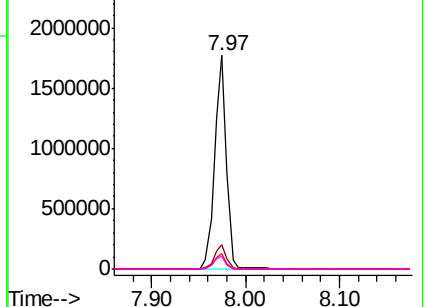
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	7.0	6.3	9.5
68	5.9	5.4	8.0

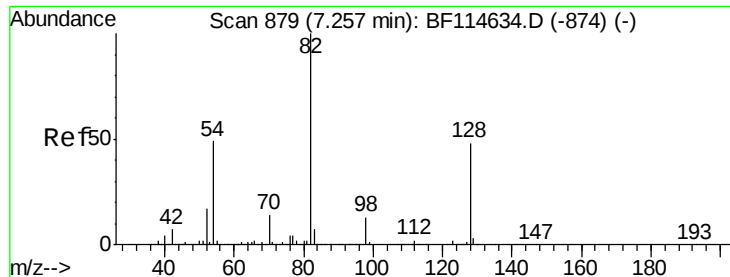
Abundance Ion 136.00 (135.70 to 136.70): E

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

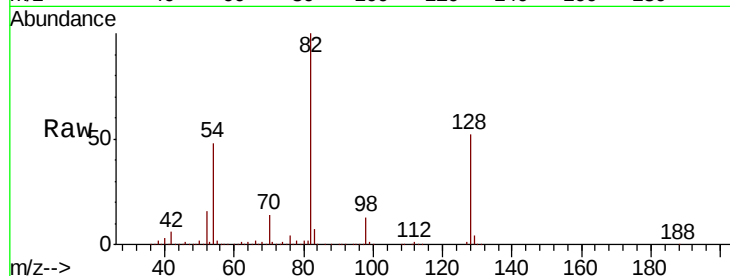




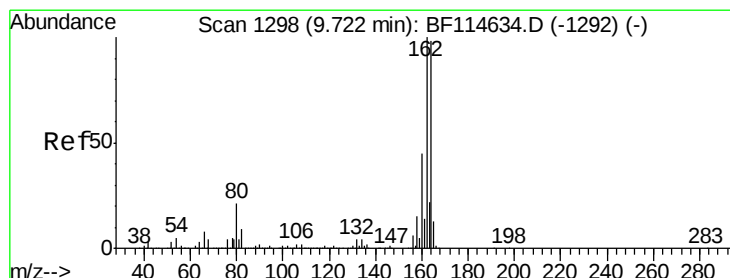
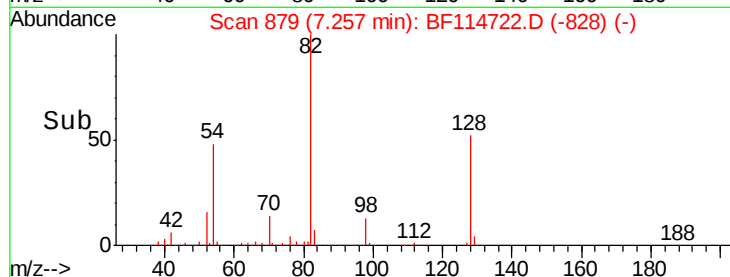
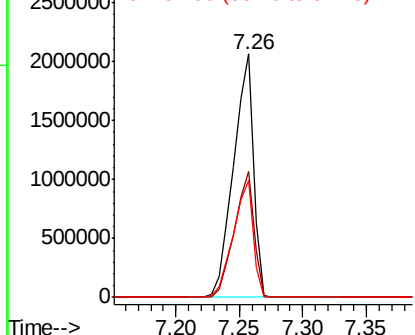
#23
Nitrobenzene-d5
Concen: 88.216 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Instrument :
BNA_F
ClientSampleId :
FB-20190523

Tot Ion: 82 Resp: 2229560
Ion Ratio Lower Upper
82 100
128 51.8 38.5 57.7
54 48.3 39.1 58.7

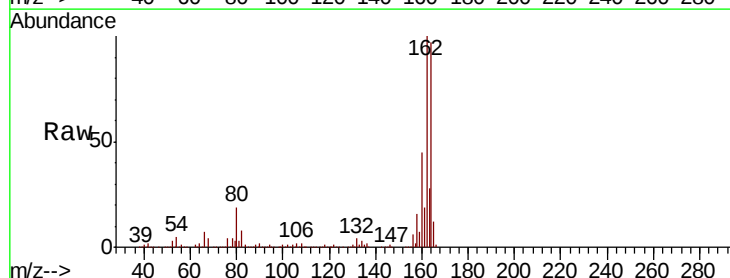


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

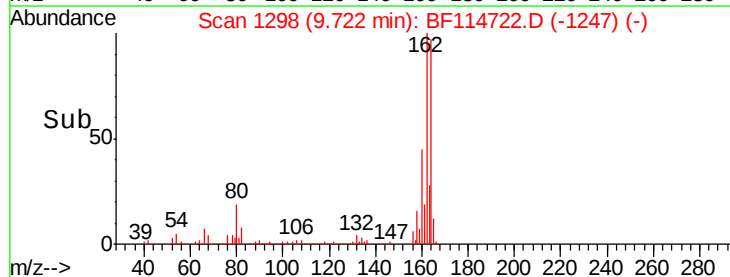
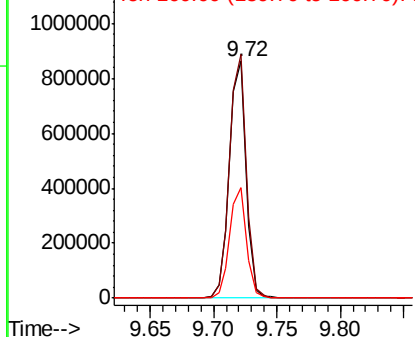


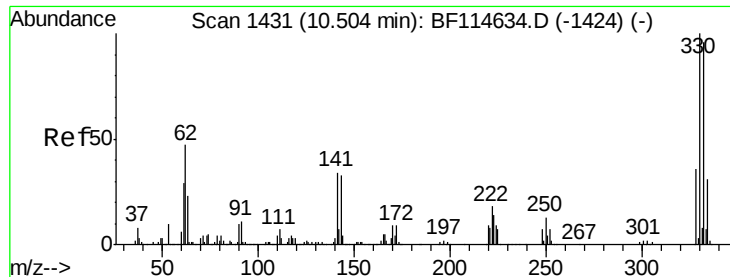
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion:164 Resp: 784450
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.2
160 46.7 36.6 54.8



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

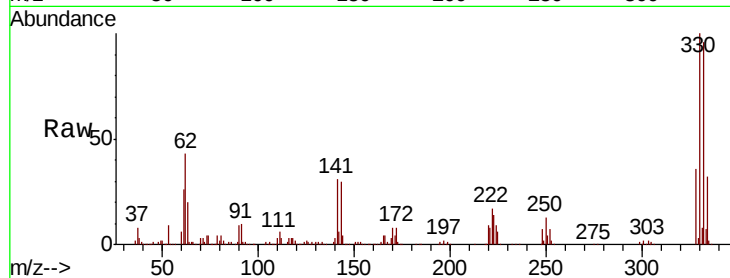




#42
 2,4,6-Tribromophenol
 Concen: 131.053 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF114722.D
 Acq: 31 May 2019 22:21

Instrument :
 BNA_F
 ClientSampleId :
 FB-20190523

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.8	113.8
141	31.8	27.8	41.8

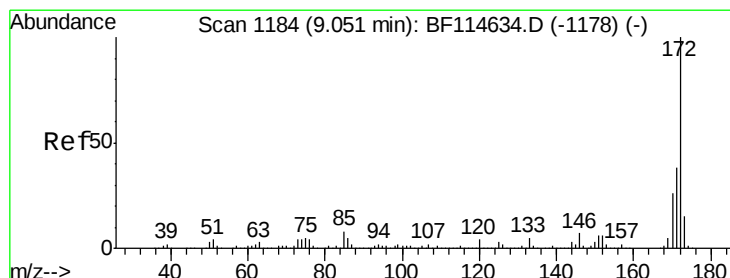
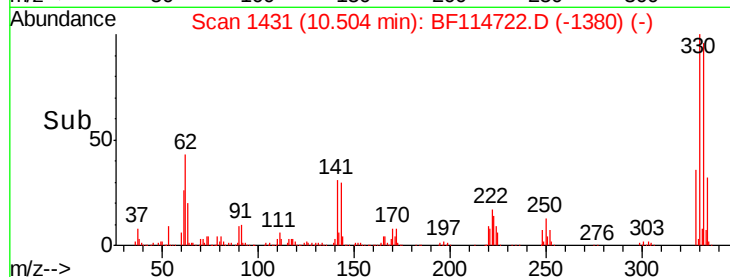
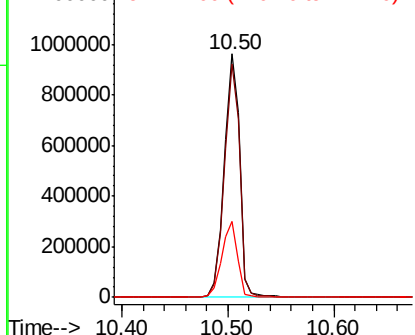


Abundance

Ion 329.80 (329.50 to 330.50): E

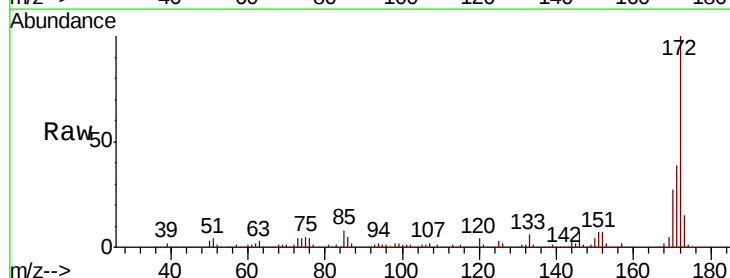
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 91.805 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF114722.D
 Acq: 31 May 2019 22:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.6	45.8
170	27.1	20.7	31.1

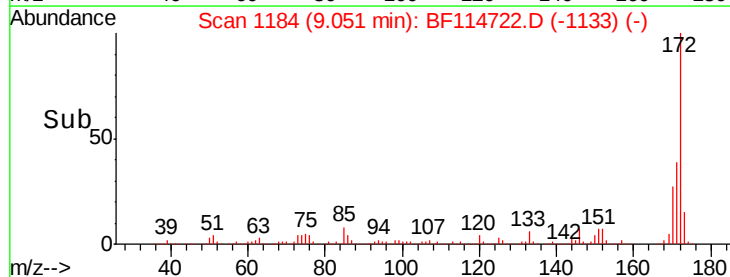
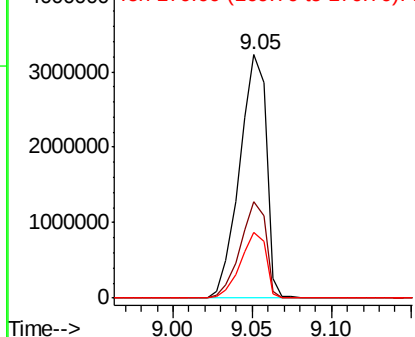


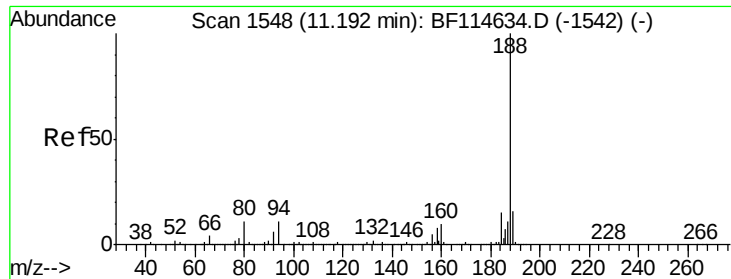
Abundance

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

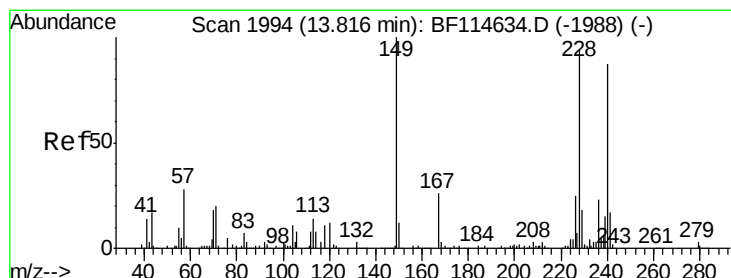
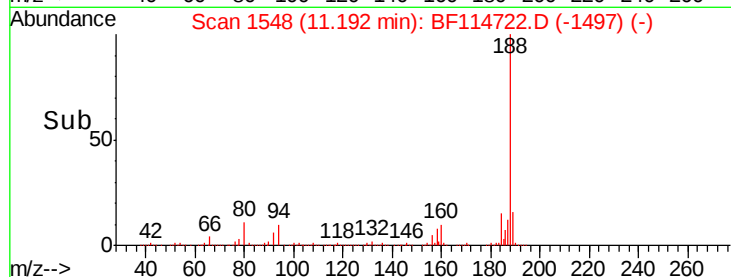
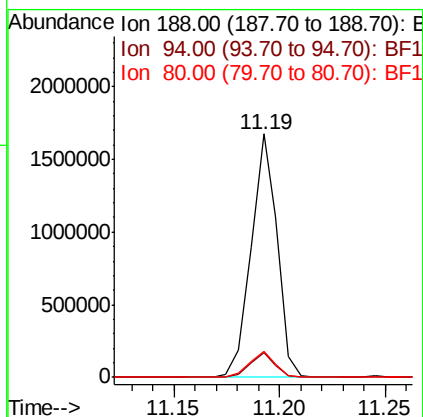
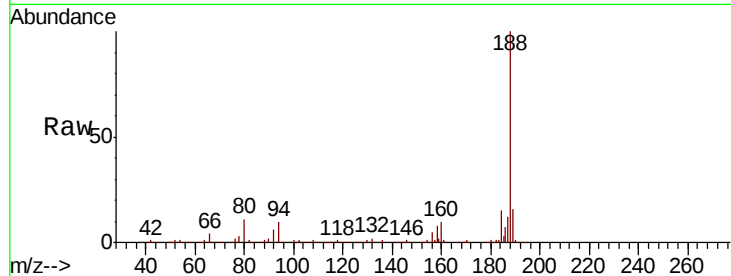




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

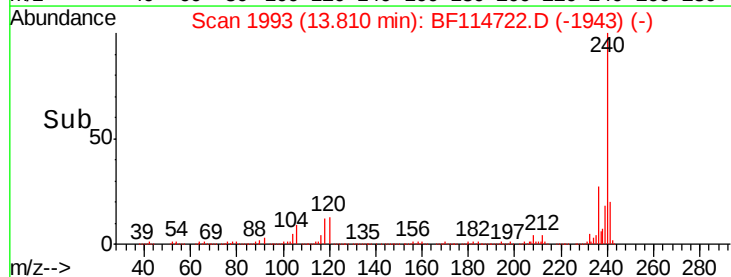
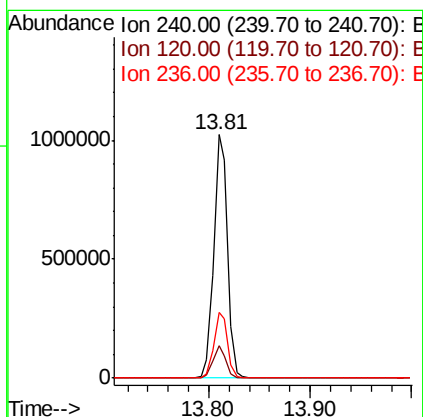
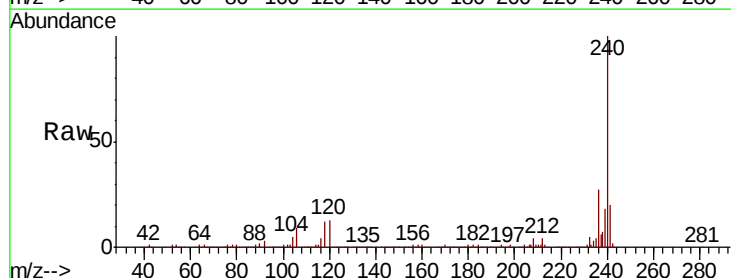
Instrument :
BNA_F
ClientSampleId :
FB-20190523

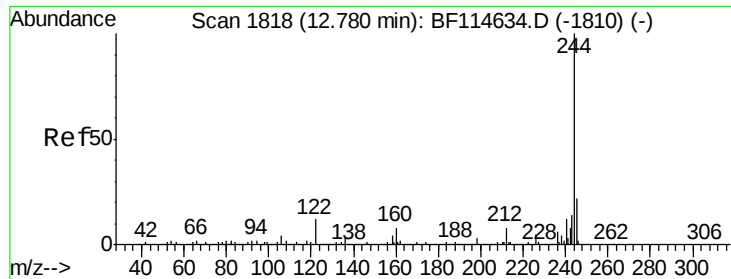
Tot Ion:188 Resp: 1429404
Ion Ratio Lower Upper
188 100
94 10.3 8.6 13.0
80 10.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BF114722.D
Acq: 31 May 2019 22:21

Tgt Ion:240 Resp: 959097
Ion Ratio Lower Upper
240 100
120 13.3 11.2 16.8
236 27.1 21.2 31.8





#79

Terphenyl-d14

Concen: 73.354 ng

RT: 12.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

Instrument :

BNA_F

ClientSampleId :

FB-20190523

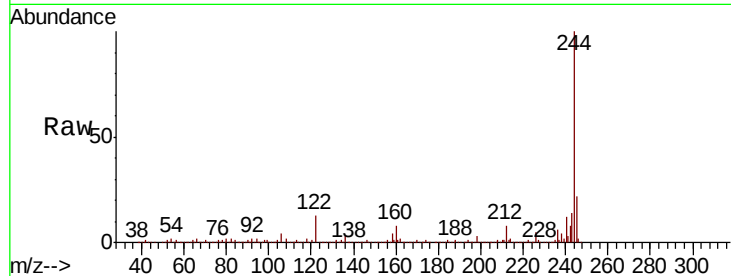
Tot Ion:244 Resp: 3741903

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

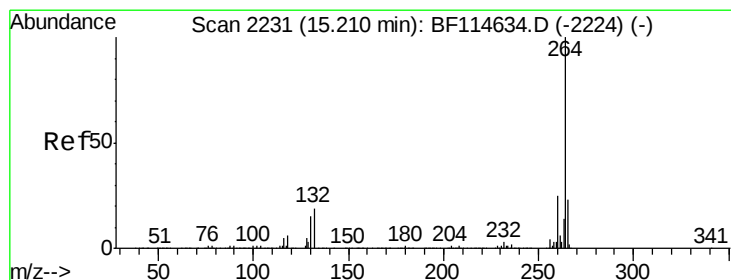
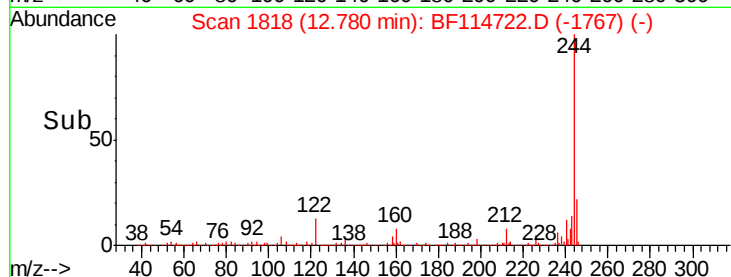
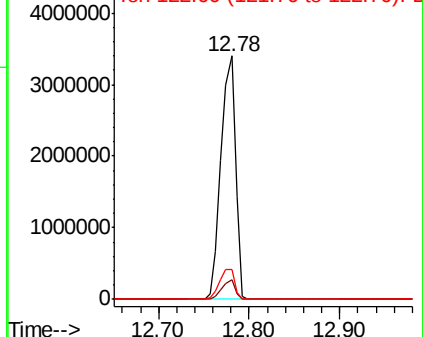
122 12.5 9.8 14.8



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: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF114722.D

Acq: 31 May 2019 22:21

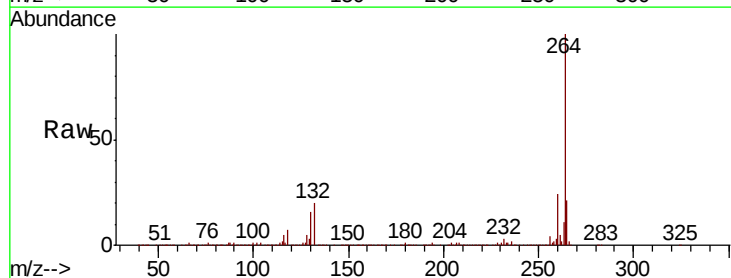
Tgt Ion:264 Resp: 836891

Ion Ratio Lower Upper

264 100

260 24.3 19.7 29.5

265 21.4 18.1 27.1



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

