

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114170.D
 Acq On : 11 May 2019 23:07
 Operator : JU/SJ
 Sample : K2765-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-0612-01

Quant Time: May 13 08:13:38 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

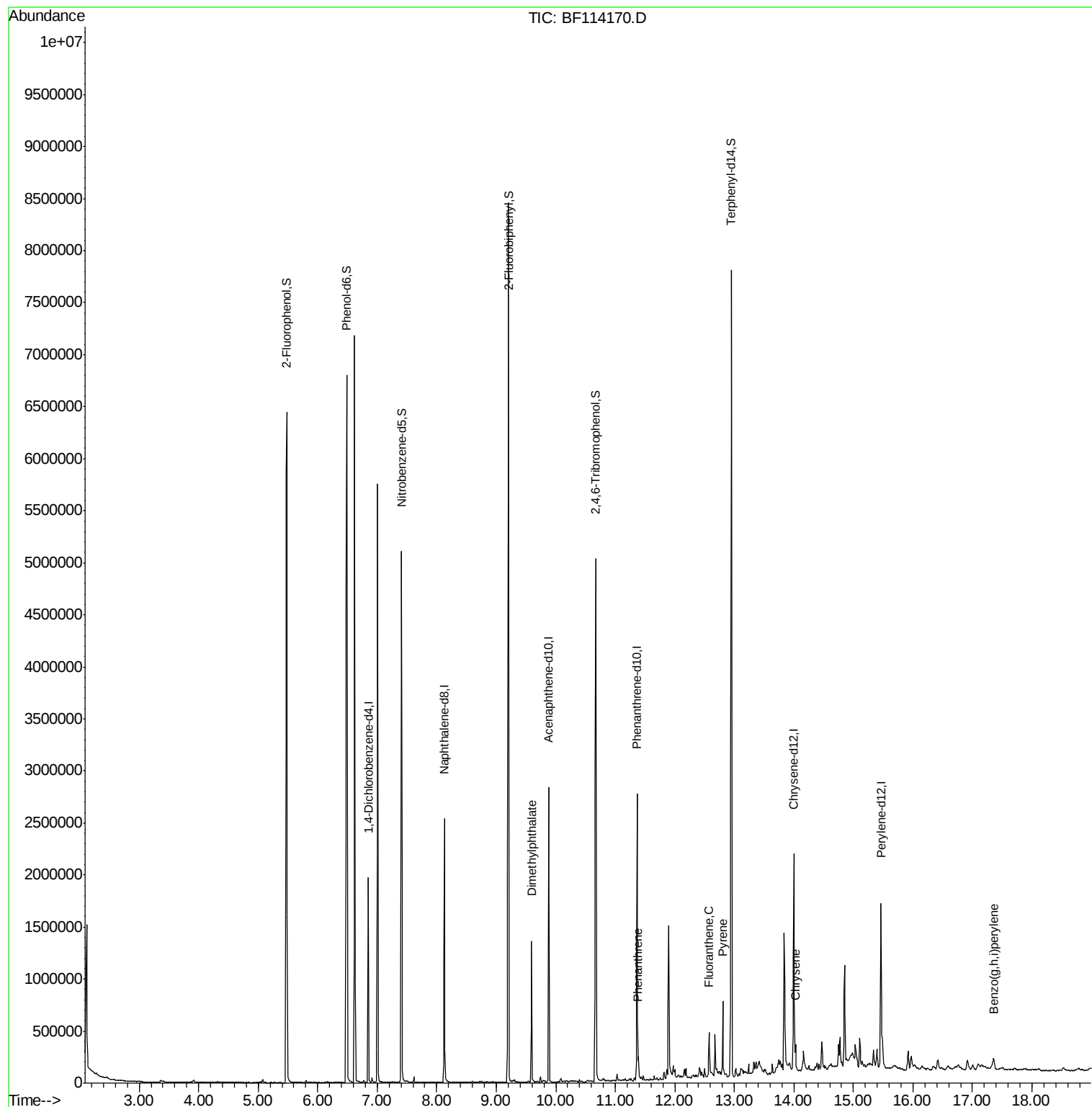
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	286230	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1057927	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	504053	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	1022508	20.00	ng	0.00
76) Chrysene-d12	14.00	240	692770	20.00	ng	-0.02
87) Perylene-d12	15.46	264	713792	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1811737	101.86	ng	0.00
7) Phenol-d6	6.49	99	2568910	122.12	ng	0.00
23) Nitrobenzene-d5	7.41	82	1564357	82.98	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	639729	122.76	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2585175	77.58	ng	0.00
79) Terphenyl-d14	12.95	244	2707884	80.58	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	490401	13.253	ng	99
71) Phenanthrene	11.39	178	109326	2.198	ng	95
75) Fluoranthene	12.57	202	143846	2.685	ng	97
78) Pyrene	12.80	202	274205	4.920	ng	97
83) Chrysene	14.03	228	101663	2.314	ng	97
92) Benzo(g,h,i)perylene	17.36	276	75903	2.265	ng	98

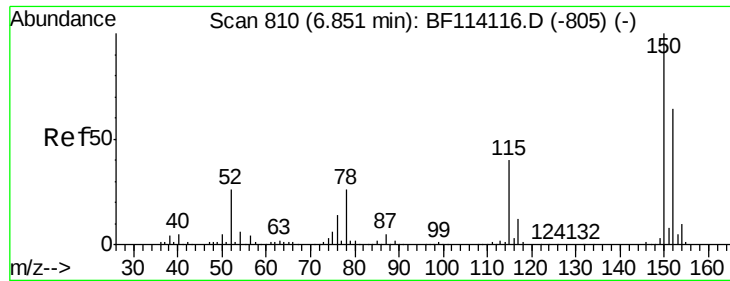
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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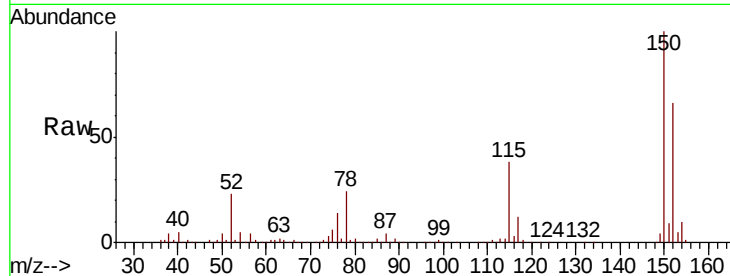


#1

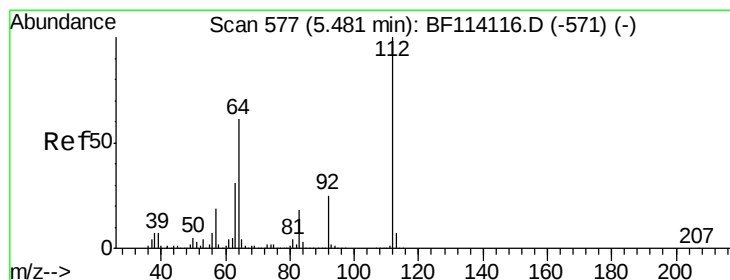
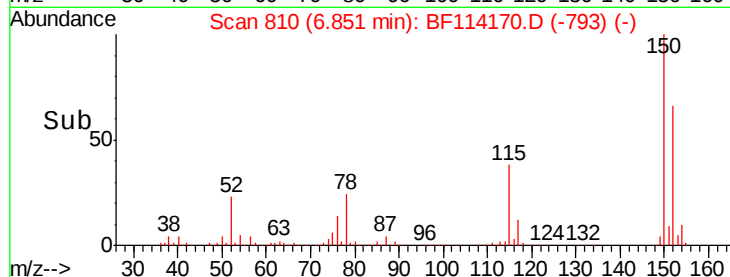
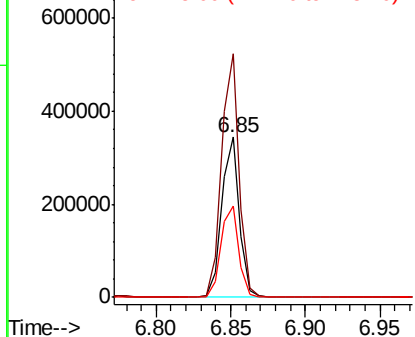
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114170.D
Acq: 11 May 2019 23:07

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0612-01

Tot Ion:152 Resp: 286230
Ion Ratio Lower Upper
152 100
150 151.9 124.3 186.5
115 57.1 49.1 73.7



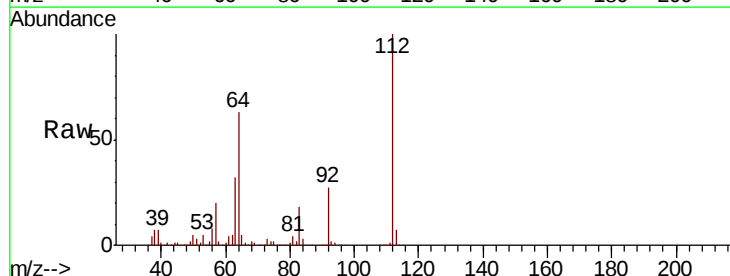
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



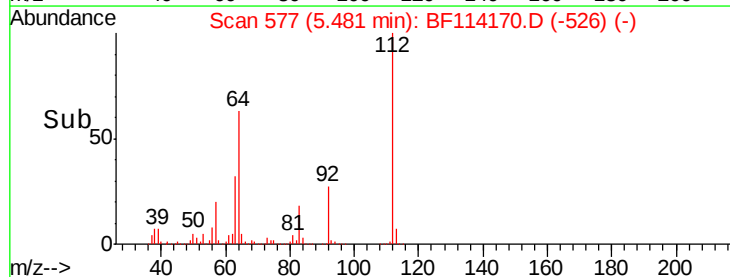
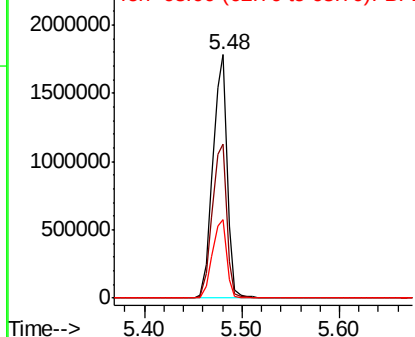
#5

2-Fluorophenol
Concen: 101.861 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114170.D
Acq: 11 May 2019 23:07

Tgt Ion:112 Resp: 1811737
Ion Ratio Lower Upper
112 100
64 63.4 49.0 73.6
63 32.1 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: 122.116 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF114170.D

Acq: 11 May 2019 23:07

Instrument :

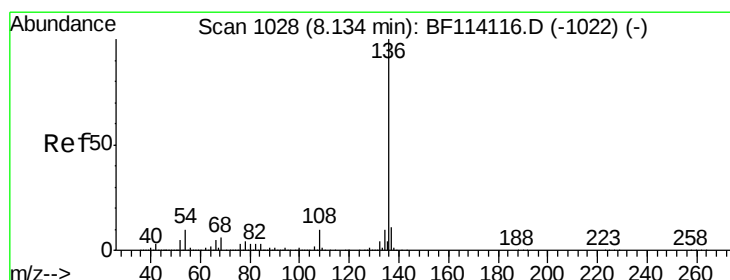
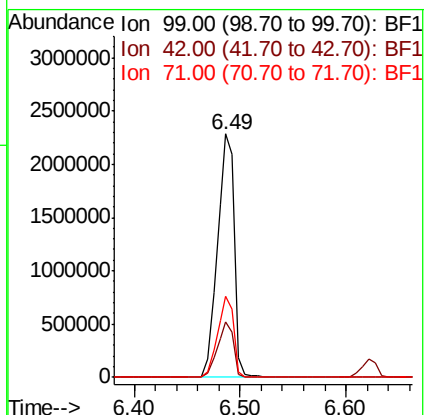
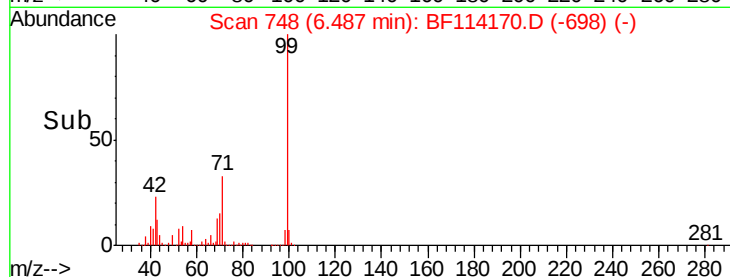
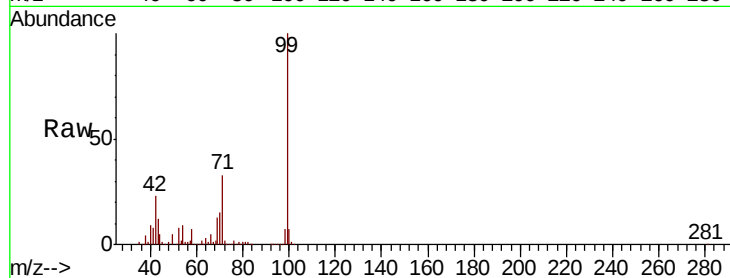
BNA_F

ClientSampleId :

P026-SS004-0612-01

Tot Ion: 99 Resp: 2568910

Ion	Ratio	Lower	Upper
99	100		
42	22.9	17.9	26.9
71	33.2	26.2	39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

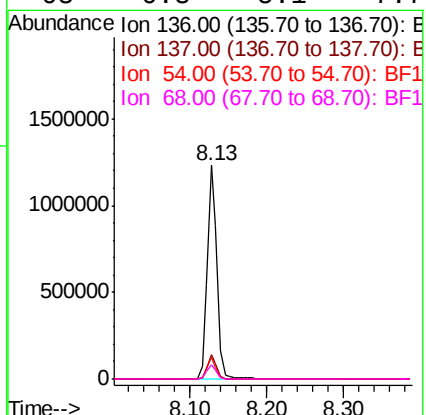
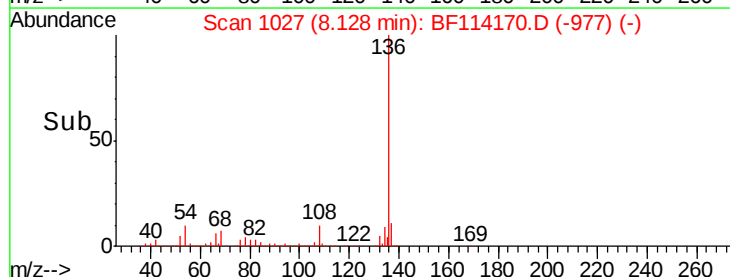
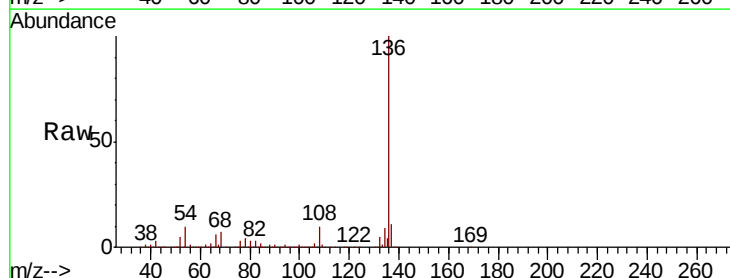
Delta R.T. -0.01 min

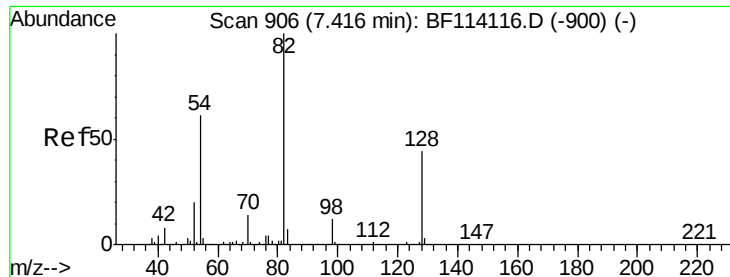
Lab File: BF114170.D

Acq: 11 May 2019 23:07

Tgt Ion: 136 Resp: 1057927

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.3	7.8	11.8
68	6.8	5.1	7.7

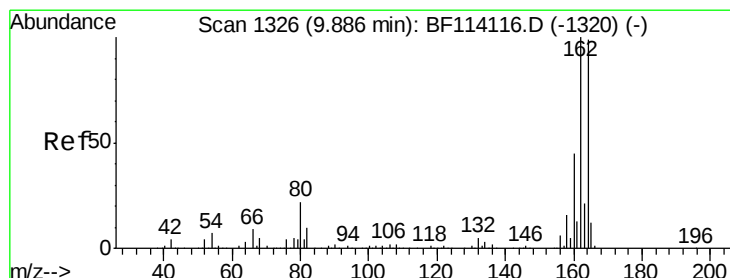
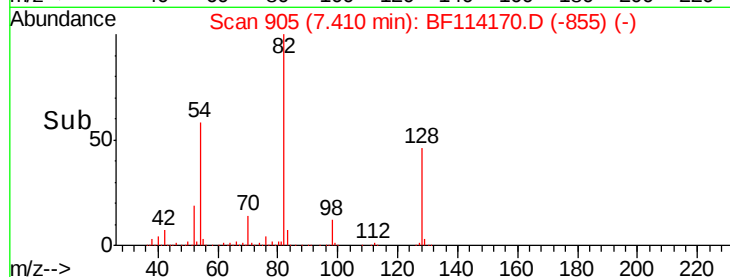
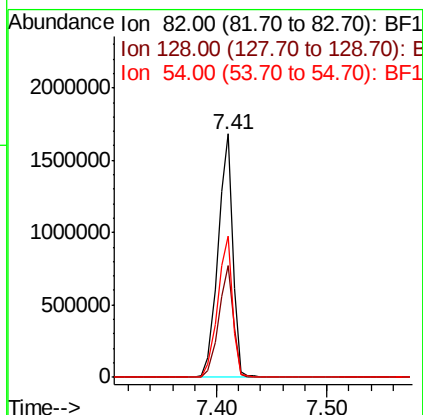
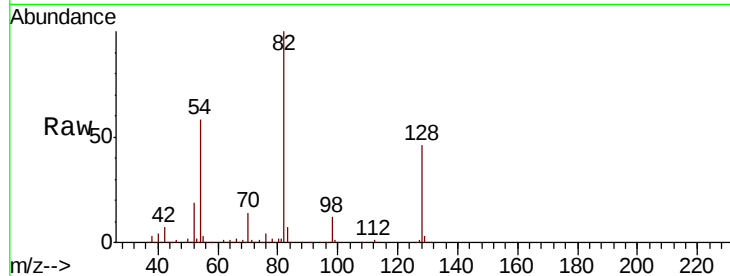




#23
Nitrobenzene-d5
Concen: 82.985 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114170.D
Acq: 11 May 2019 23:07

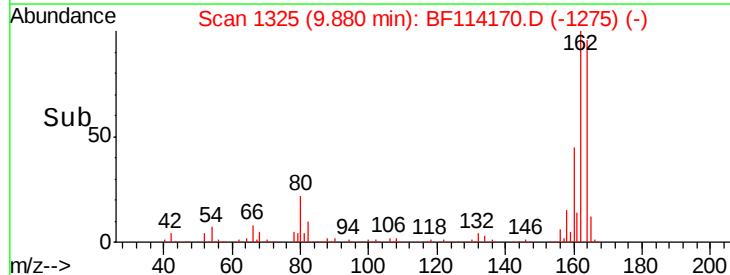
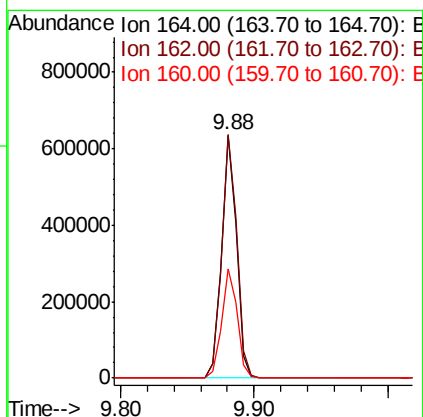
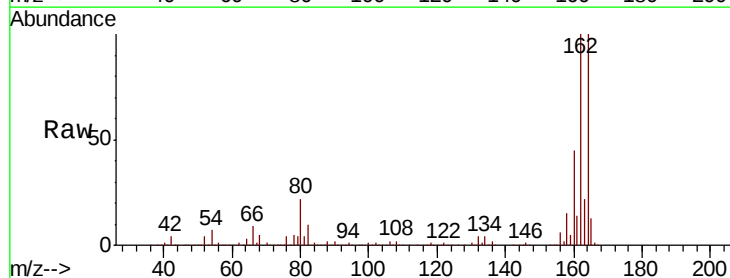
Instrument :
BNA_F
ClientSampleId :
P026-SS004-0612-01

Tot Ion: 82 Resp: 1564357
Ion Ratio Lower Upper
82 100
128 45.8 35.5 53.3
54 57.9 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114170.D
Acq: 11 May 2019 23:07

Tgt Ion:164 Resp: 504053
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 44.9 36.5 54.7

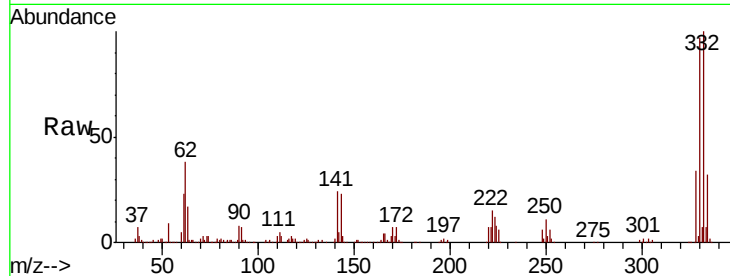




#42
 2,4,6-Tribromophenol
 Concen: 122.764 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114170.D
 Acq: 11 May 2019 23:07

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-0612-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.4	81.4	122.2
141	31.9	26.6	40.0

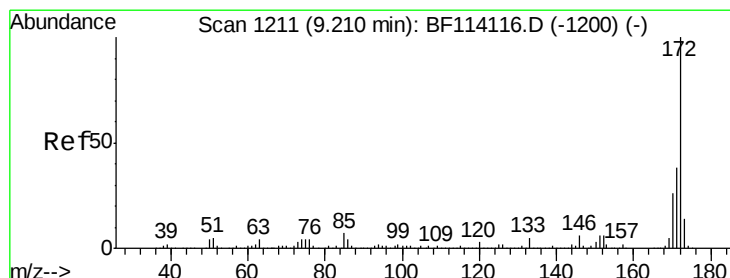
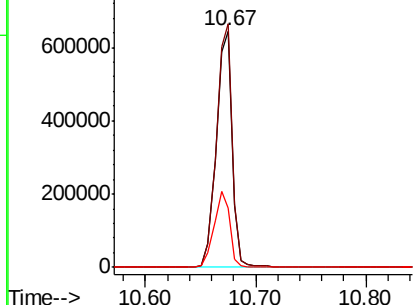
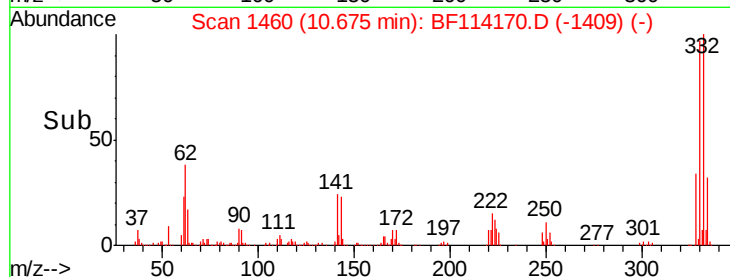


Abundance

Ion 329.80 (329.50 to 330.50): E

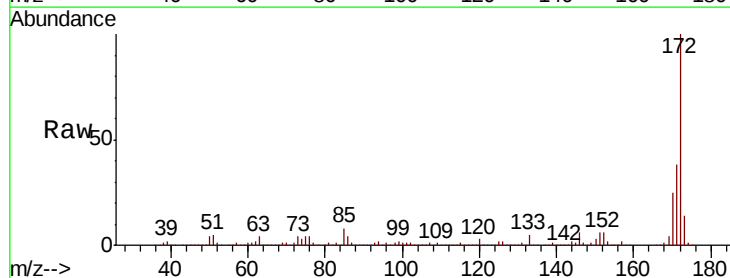
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.581 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114170.D
 Acq: 11 May 2019 23:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.7	46.1
170	25.4	20.5	30.7

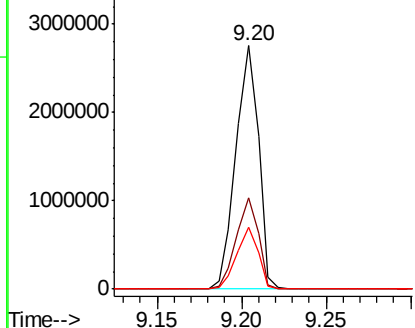
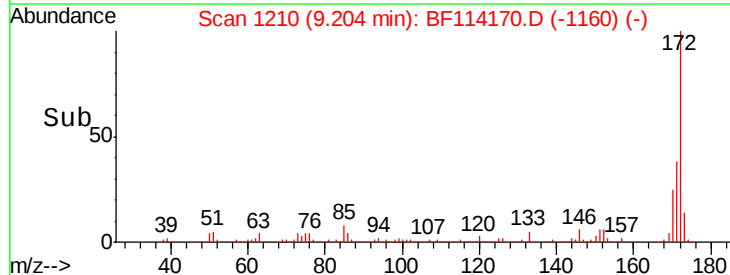


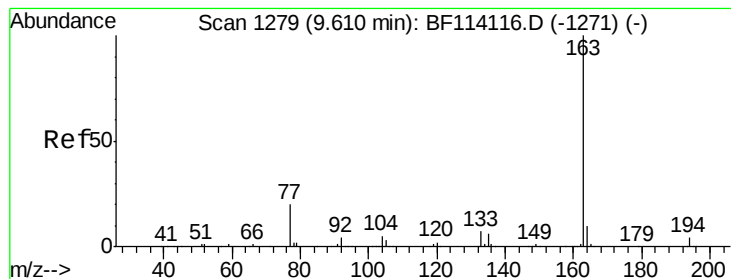
Abundance

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: 13.253 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF114170.D

Acq: 11 May 2019 23:07

Instrument :

BNA_F

ClientSampleId :

P026-SS004-0612-01

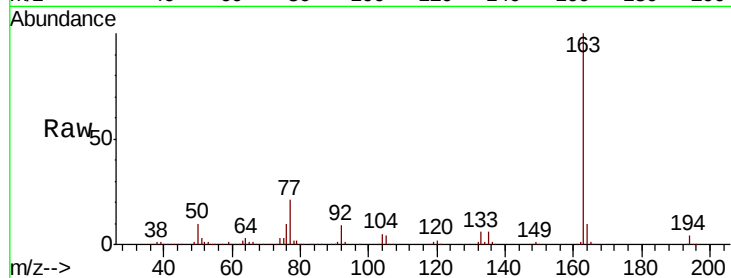
Tot Ion:163 Resp: 490401

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

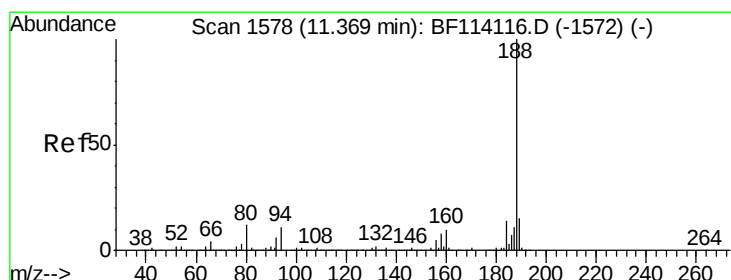
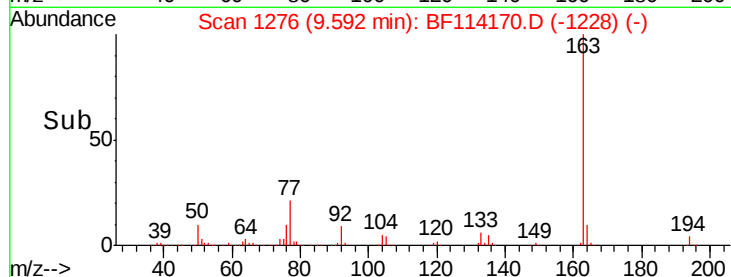
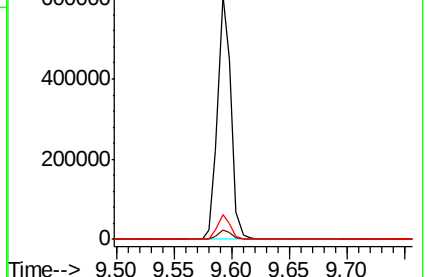
164 10.0 8.2 12.2



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: BF114170.D

Acq: 11 May 2019 23:07

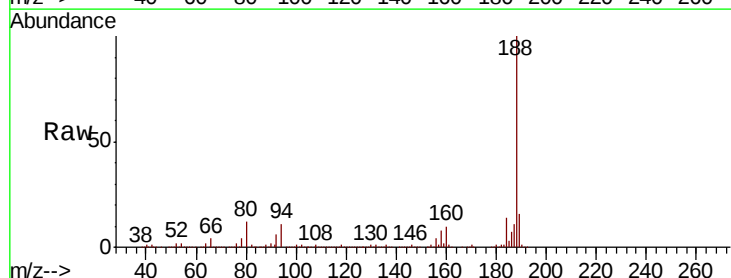
Tgt Ion:188 Resp: 1022508

Ion Ratio Lower Upper

188 100

94 11.5 8.4 12.6

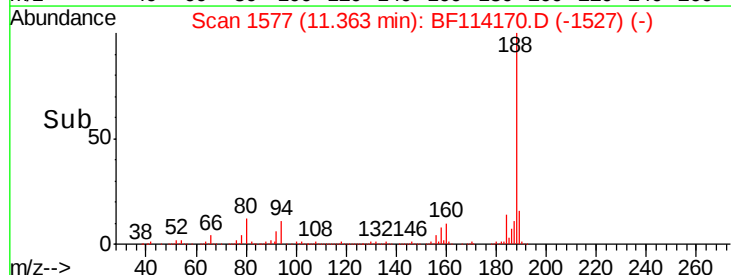
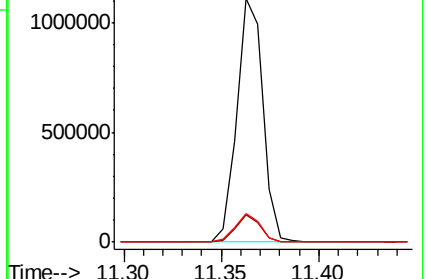
80 11.8 9.2 13.8

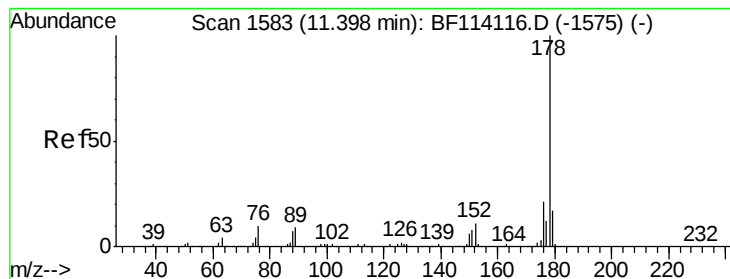


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#71

Phenanthrene

Concen: 2.198 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF114170.D

Acq: 11 May 2019 23:07

Instrument :

BNA_F

ClientSampleId :

P026-SS004-0612-01

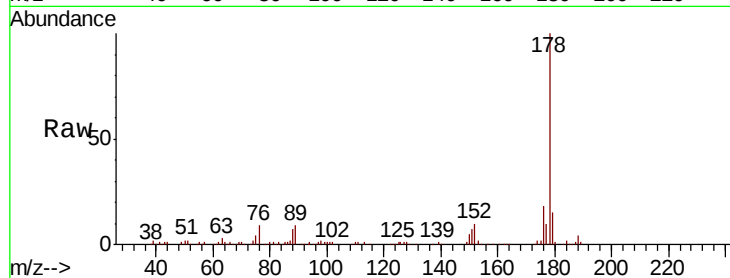
Tot Ion:178 Resp: 109326

Ion Ratio Lower Upper

178 100

176 17.9 16.4 24.6

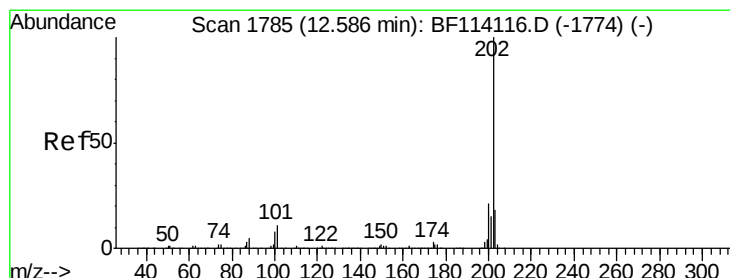
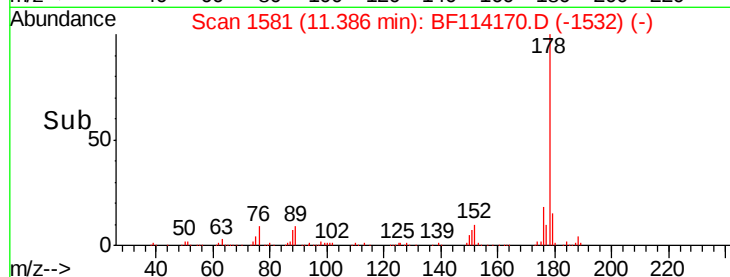
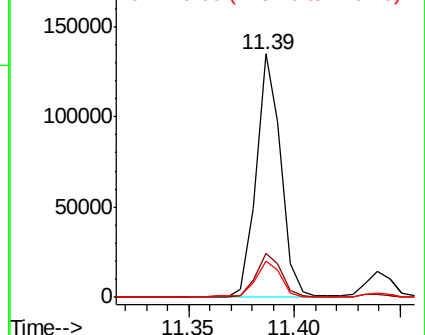
179 14.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 2.685 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF114170.D

Acq: 11 May 2019 23:07

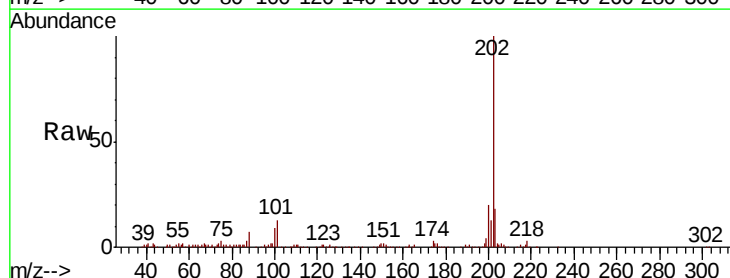
Tgt Ion:202 Resp: 143846

Ion Ratio Lower Upper

202 100

101 13.4 0.0 31.0

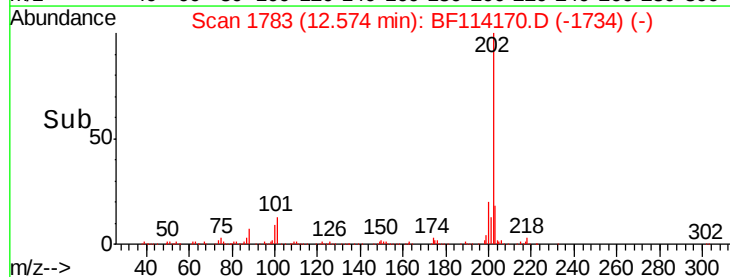
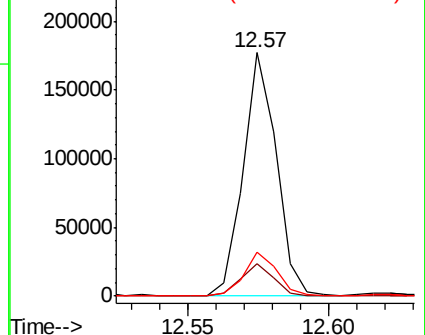
203 18.2 0.0 38.4

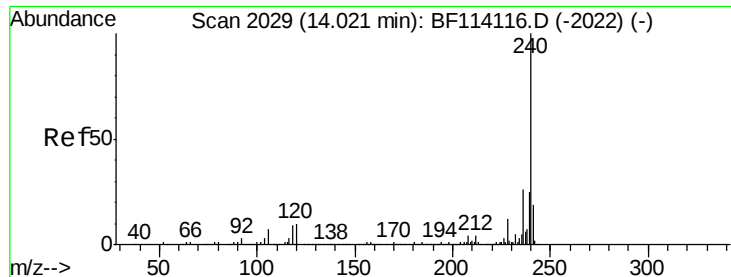


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF114170.D

Acq: 11 May 2019 23:07

Instrument :

BNA_F

ClientSampleId :

P026-SS004-0612-01

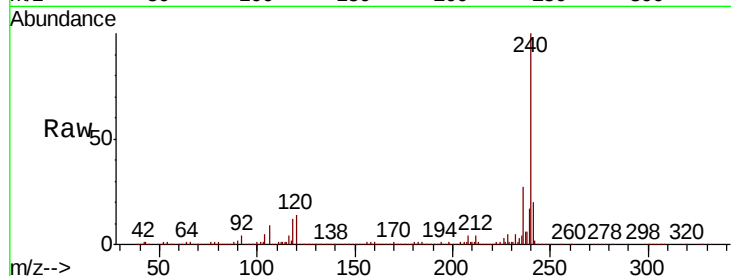
Tot Ion:240 Resp: 692770

Ion Ratio Lower Upper

240 100

120 13.9 8.3 12.5#

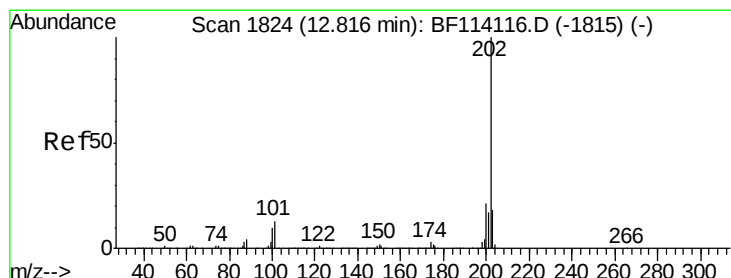
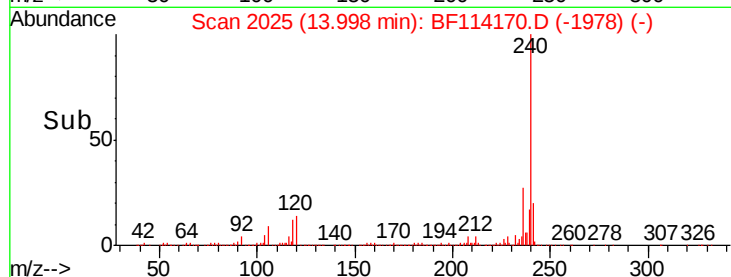
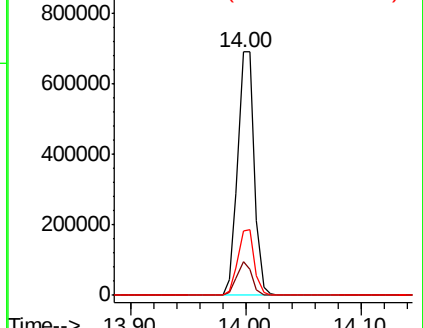
236 26.5 20.8 31.2



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



#78

Pyrene

Concen: 4.920 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF114170.D

Acq: 11 May 2019 23:07

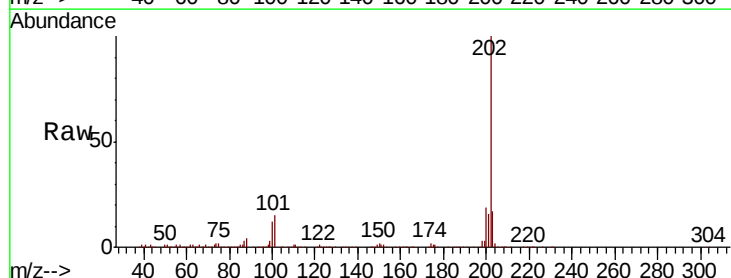
Tgt Ion:202 Resp: 274205

Ion Ratio Lower Upper

202 100

200 18.8 16.9 25.3

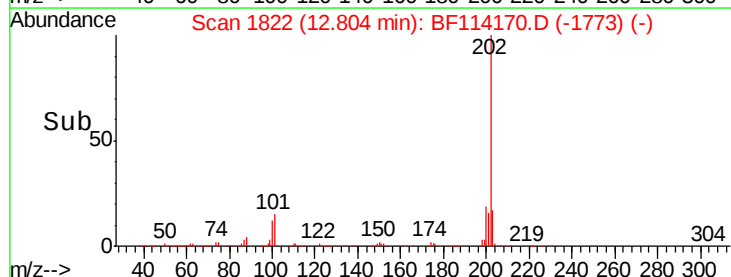
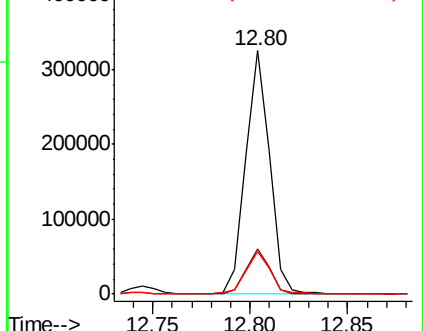
203 17.3 14.5 21.7

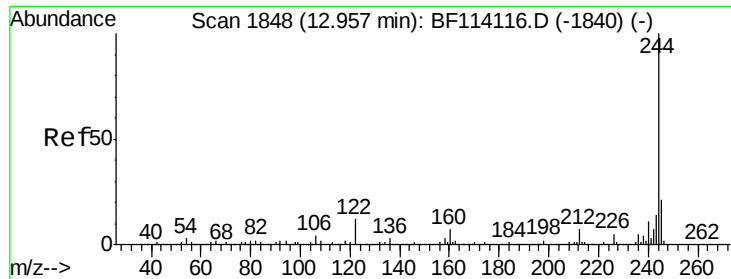


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

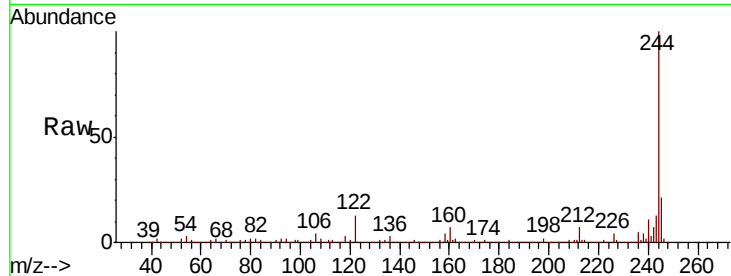




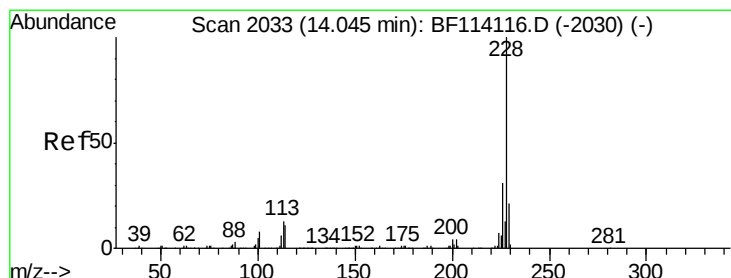
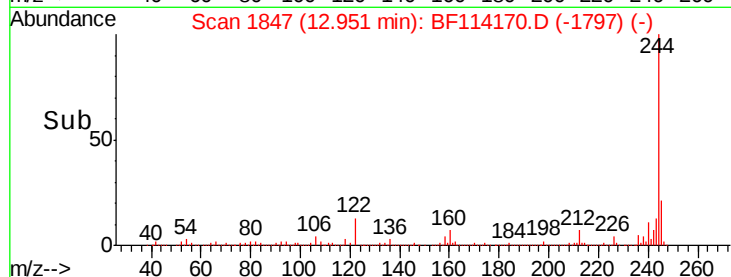
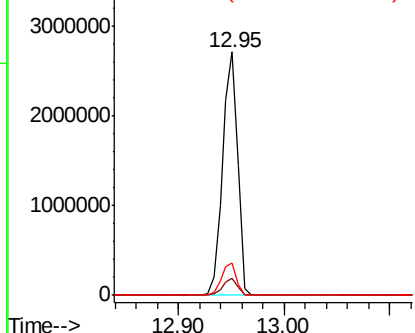
#79
 Terphenyl-d14
 Concen: 80.577 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114170.D
 Acq: 11 May 2019 23:07

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS004-0612-01

Tot Ion:244 Resp: 2707884
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 13.1 9.4 14.2

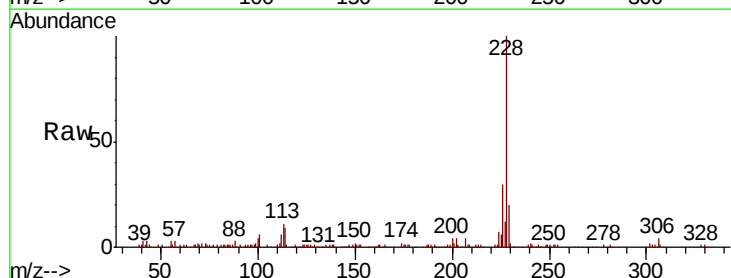


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

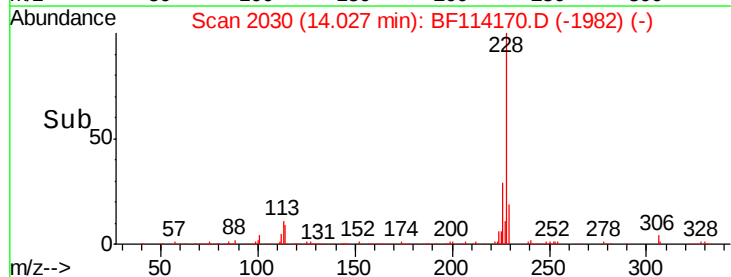
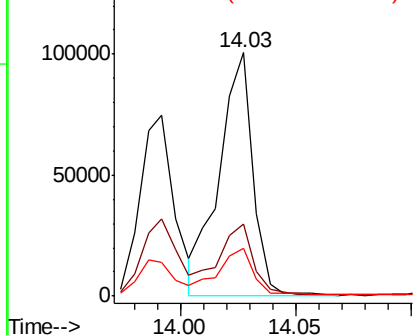


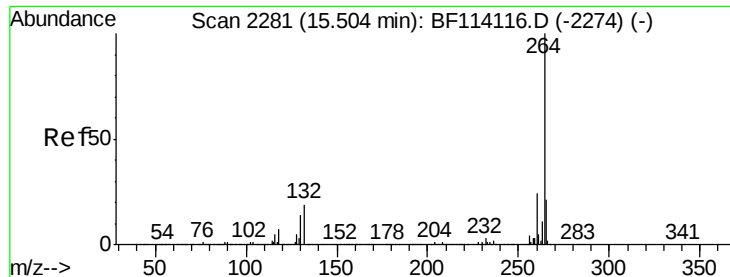
#83
 Chrysene
 Concen: 2.314 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF114170.D
 Acq: 11 May 2019 23:07

Tgt Ion:228 Resp: 101663
 Ion Ratio Lower Upper
 228 100
 226 29.8 25.0 37.6
 229 19.7 17.0 25.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

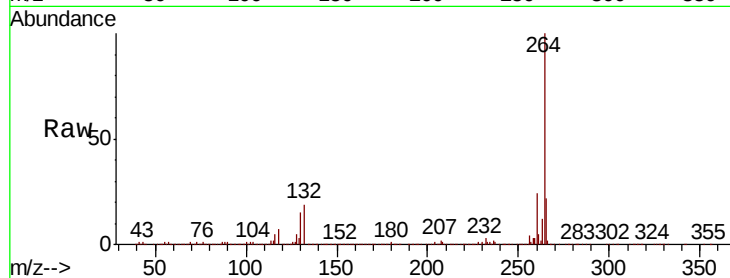




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.04 min
Lab File: BF114170.D
Acq: 11 May 2019 23:07

Instrument :
BNA_F
ClientSampleId :
P026-SS004-0612-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	22.2	16.9	25.3

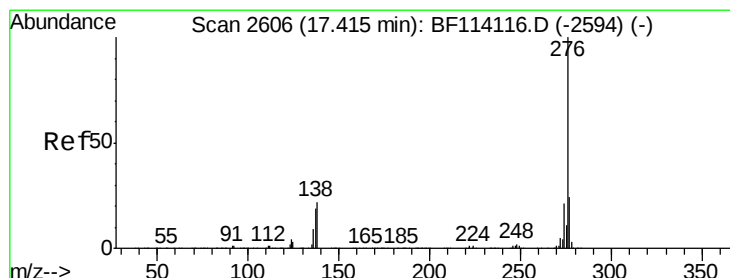
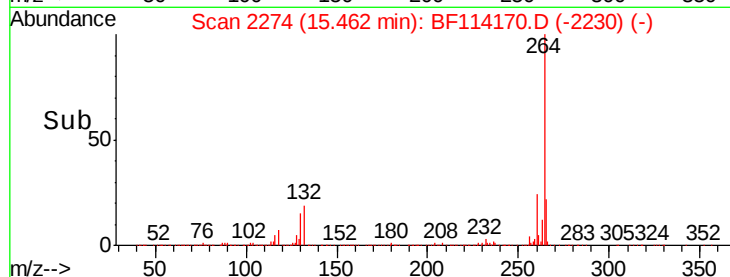
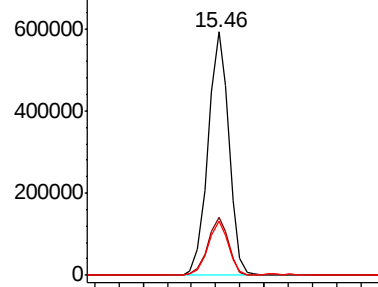


Abundance

Ion 264.00 (263.70 to 264.70): E

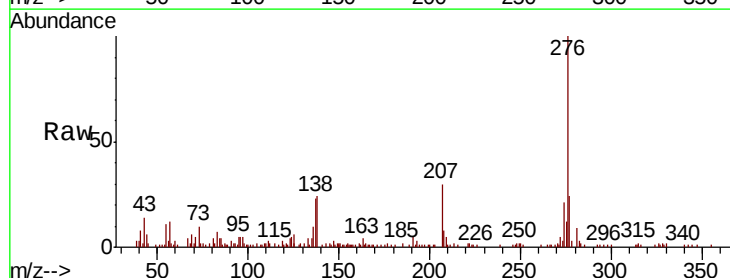
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.265 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.06 min
Lab File: BF114170.D
Acq: 11 May 2019 23:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	24.0	17.8	26.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

