

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052419\
 Data File : BF114600.D
 Acq On : 25 May 2019 6:11
 Operator : JU/SJ
 Sample : K2994-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Quant Time: May 27 03:46:22 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 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	157607	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	598660	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	288998	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	603648	20.00	ng	0.00
76) Chrysene-d12	13.98	240	418559	20.00	ng	0.00
87) Perylene-d12	15.44	264	424727	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	976943	99.75	ng	0.01
7) Phenol-d6	6.46	99	1154089	99.63	ng	0.00
23) Nitrobenzene-d5	7.37	82	851859	79.86	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	354161	118.54	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1545335	80.89	ng	0.00
79) Terphenyl-d14	12.92	244	1731790	85.29	ng	0.00

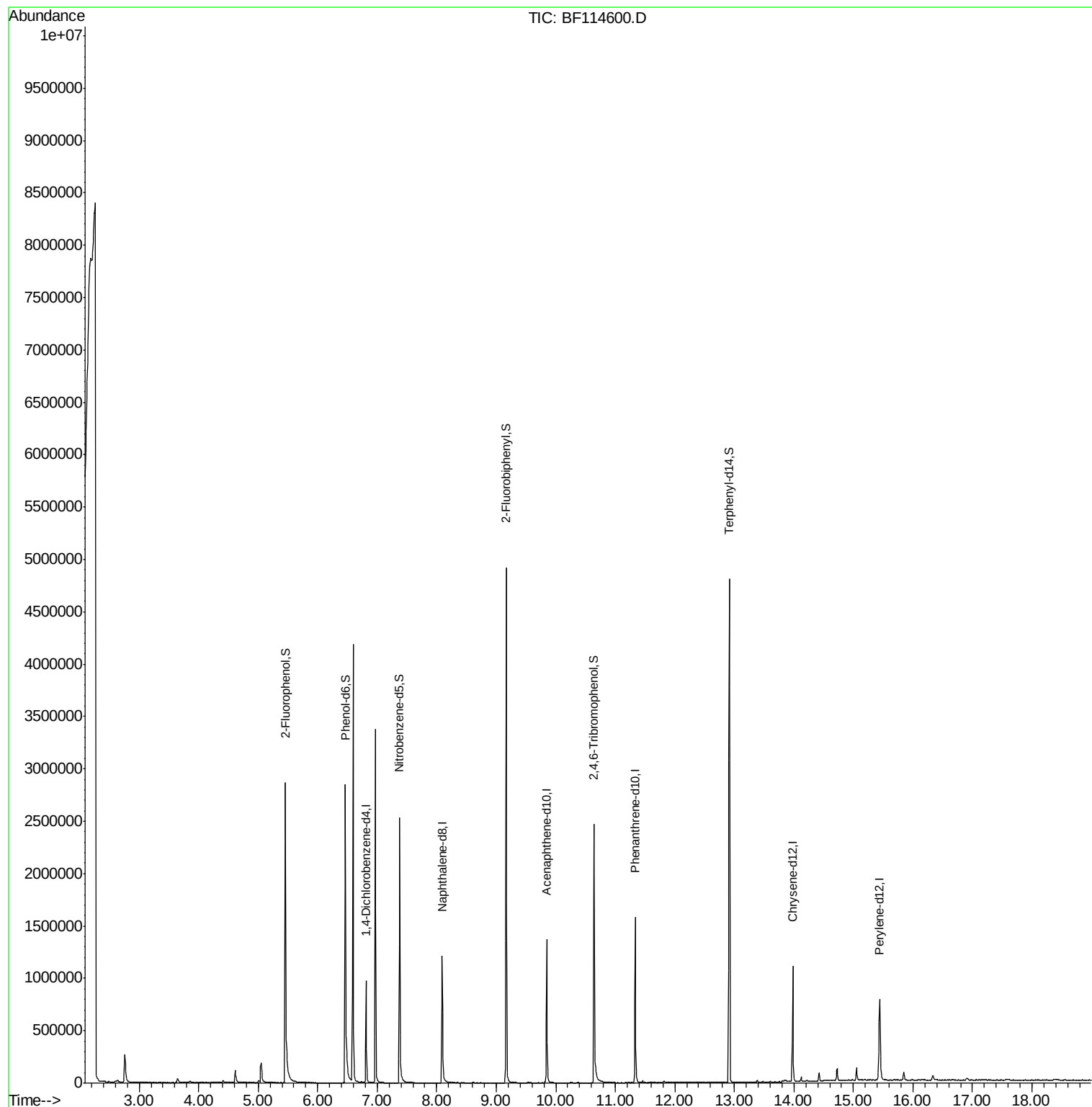
Target Compounds Qvalue

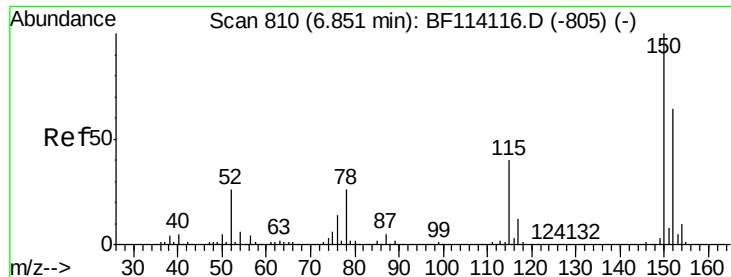
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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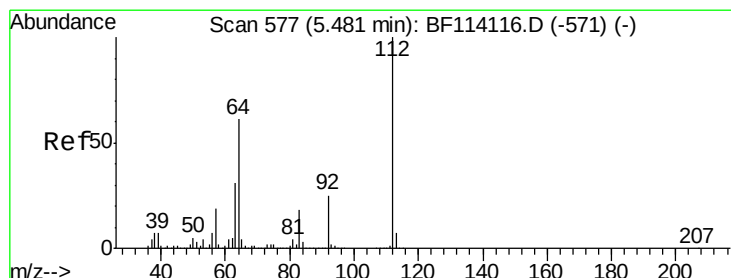
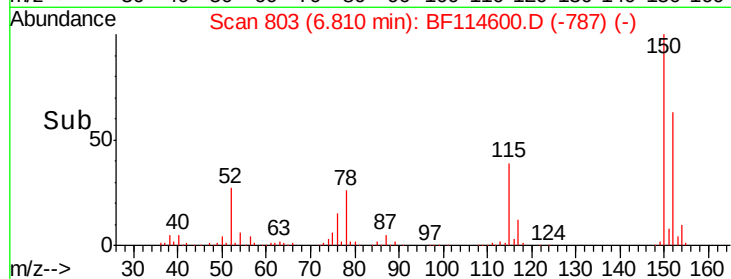
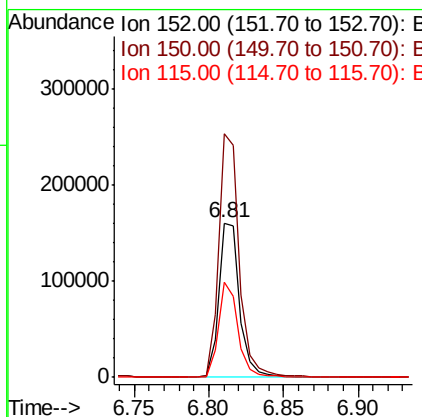
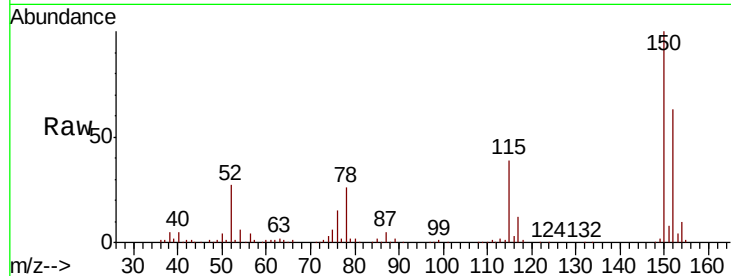


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114600.D
Acq: 25 May 2019 6:11

Instrument :
BNA_F
ClientSampleId :
TP-6-S

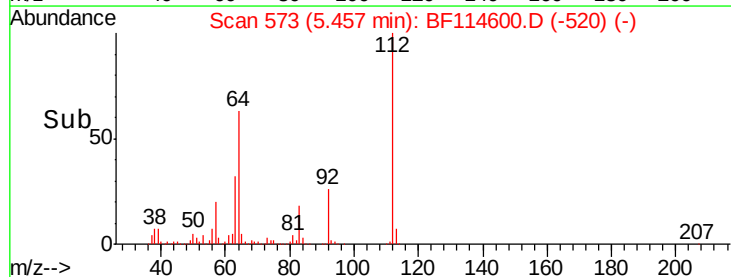
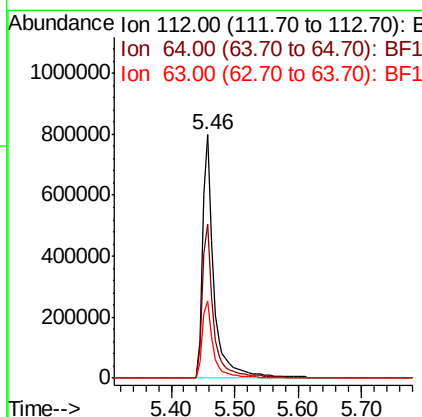
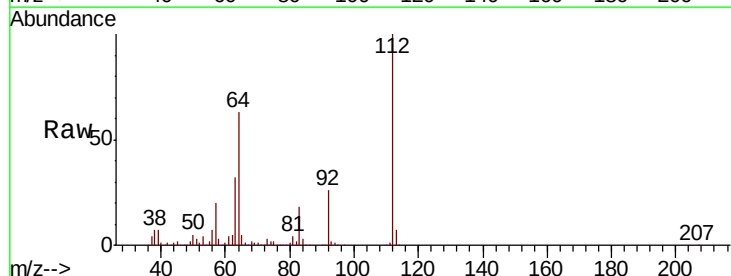
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.3	186.5
115	61.7	49.1	73.7

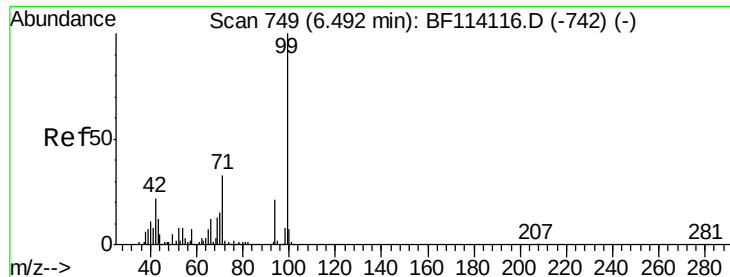


#5

2-Fluorophenol
Concen: 99.752 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF114600.D
Acq: 25 May 2019 6:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	49.0	73.6
63	31.9	24.6	37.0





#7

Phenol-d6

Concen: 99.633 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114600.D

Acq: 25 May 2019 6:11

Instrument :

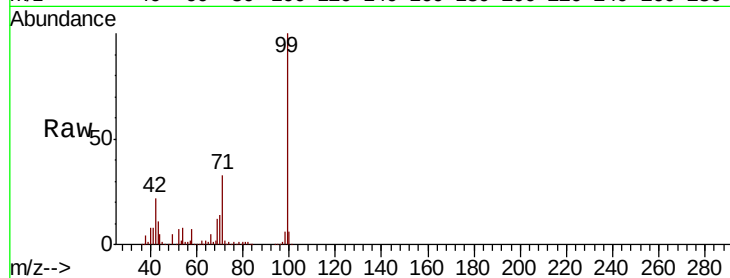
BNA_F

ClientSampleId :

TP-6-S

Tot Ion: 99 Resp: 1154089

Ion	Ratio	Lower	Upper
99	100		
42	21.8	17.9	26.9
71	32.7	26.2	39.2

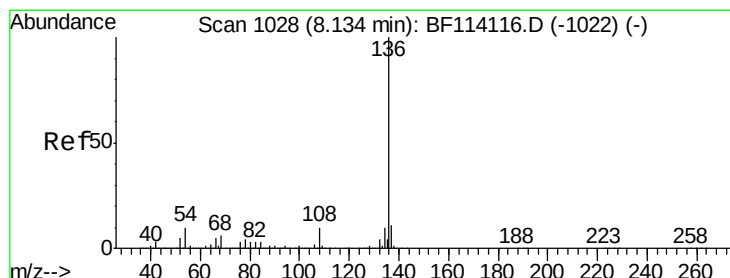
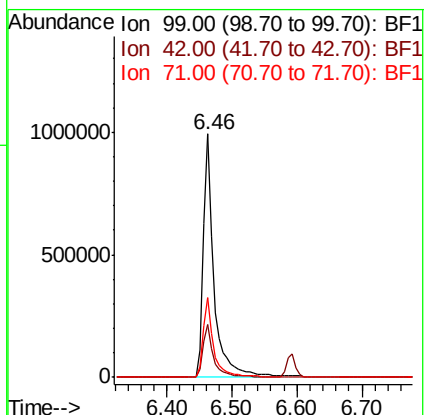
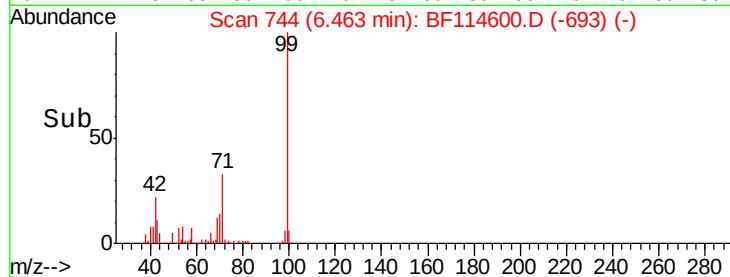


Abundance

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: 8.09 min Scan# 1021

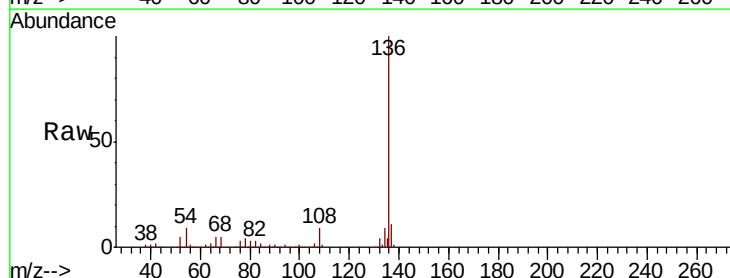
Delta R.T. -0.01 min

Lab File: BF114600.D

Acq: 25 May 2019 6:11

Tgt Ion: 136 Resp: 598660

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	9.0	7.8	11.8
68	5.5	5.1	7.7



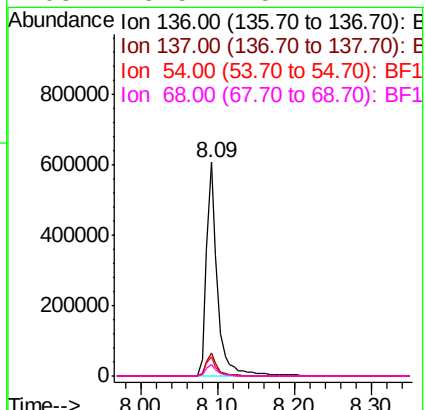
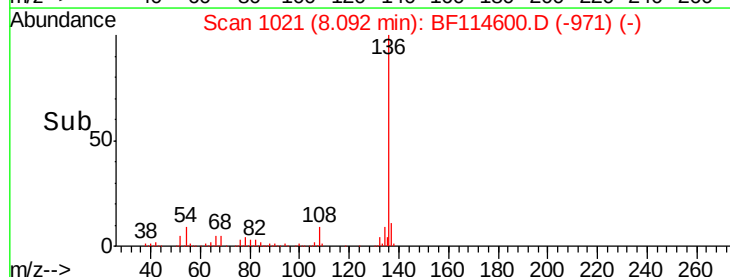
Abundance

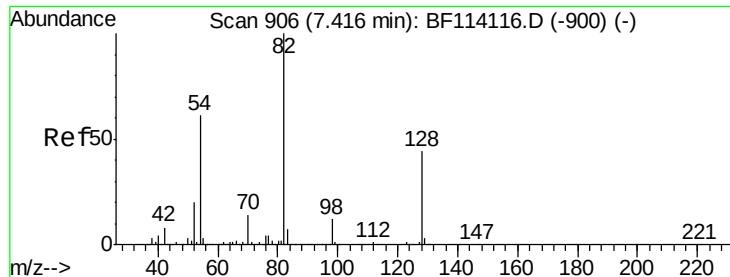
Ion 136.00 (135.70 to 136.70): E

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

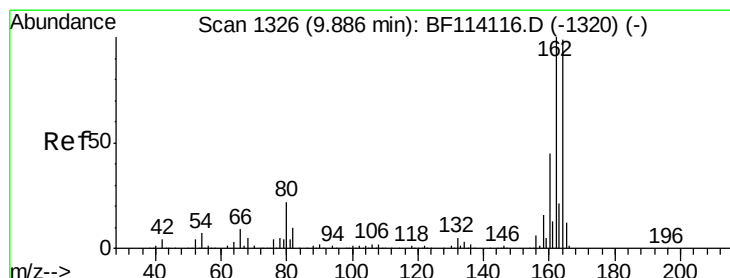
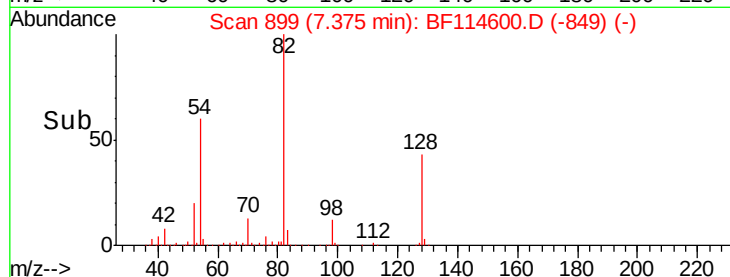
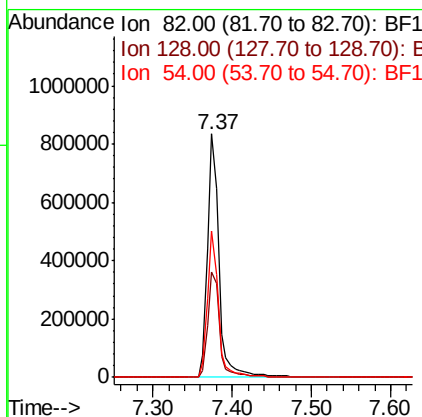
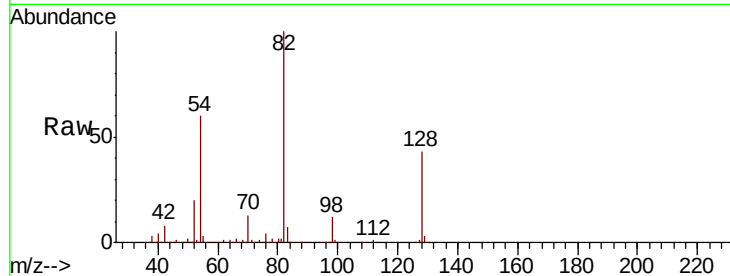




#23
 Nitrobenzene-d5
 Concen: 79.856 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

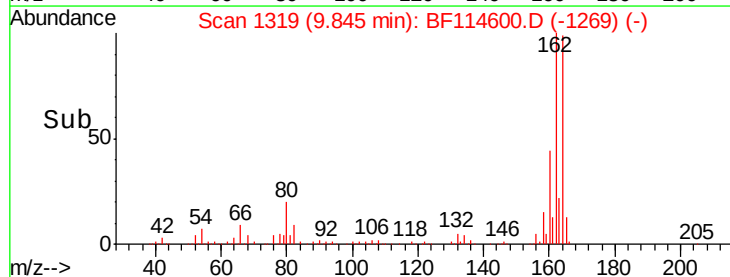
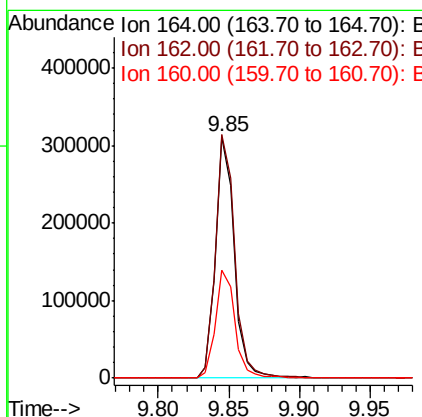
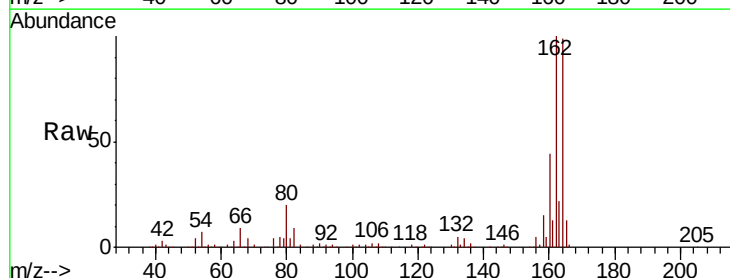
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

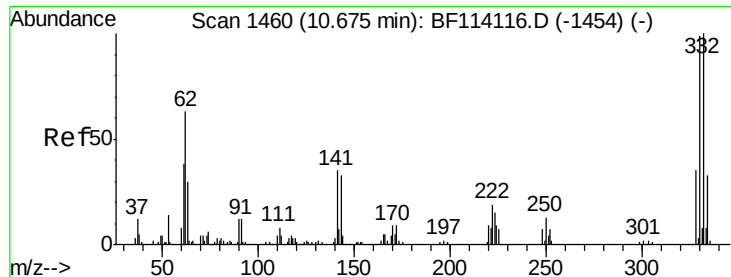
Tot Ion	82	Resp	851859
Ion Ratio	Lower	Upper	
82	100		
128	43.4	35.5	53.3
54	59.9	48.5	72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

Tgt Ion	164	Resp	288998
Ion Ratio	Lower	Upper	
164	100		
162	100.8	80.6	120.8
160	44.7	36.5	54.7

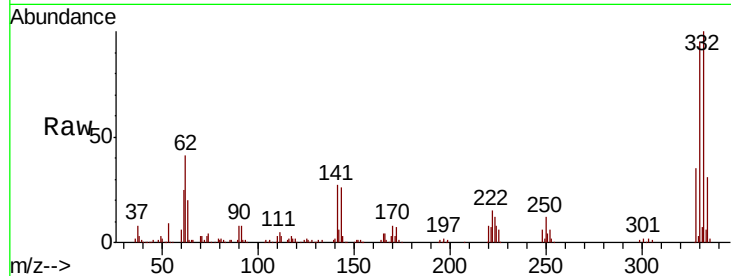




#42
 2,4,6-Tribromophenol
 Concen: 118.538 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.5	81.4	122.2
141	33.4	26.6	40.0

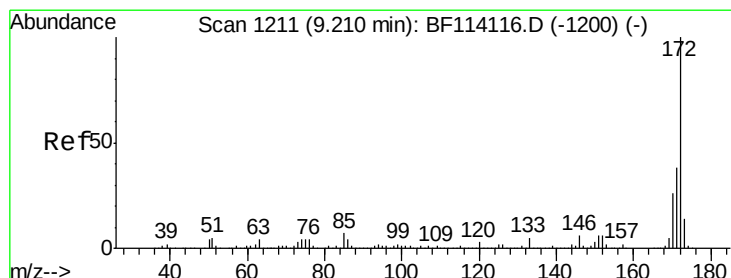
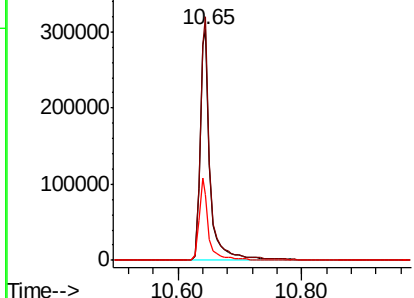
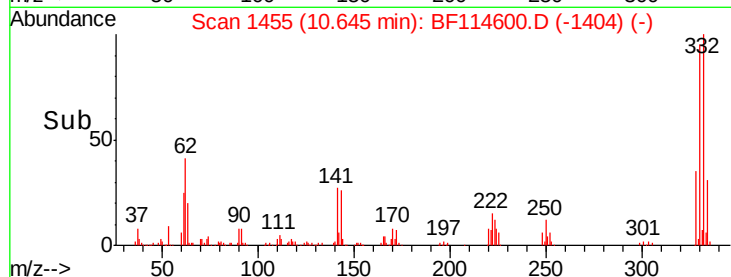


Abundance

Ion 329.80 (329.50 to 330.50): E

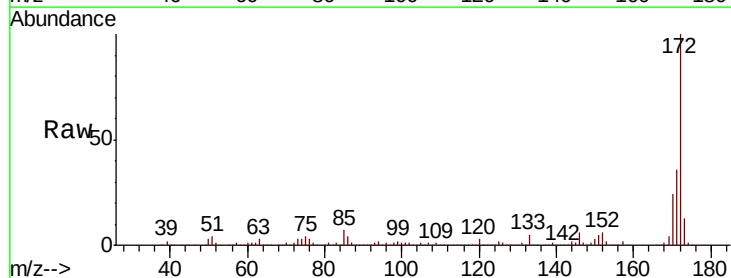
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.886 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.7	46.1
170	24.2	20.5	30.7

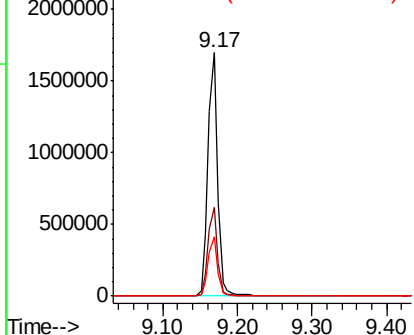
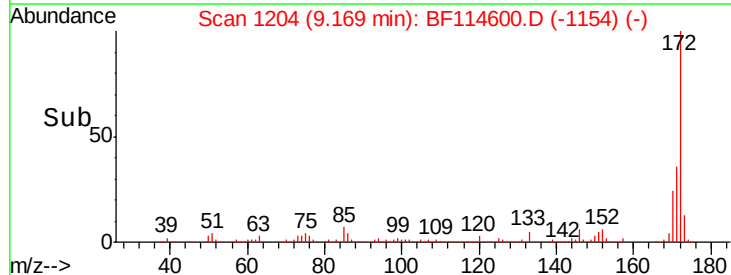


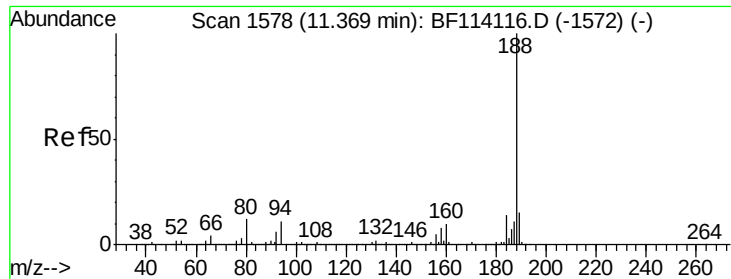
Abundance

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

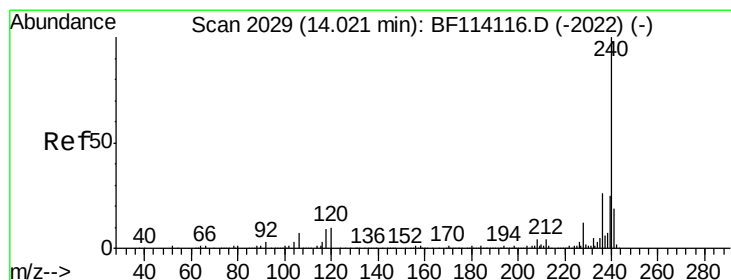
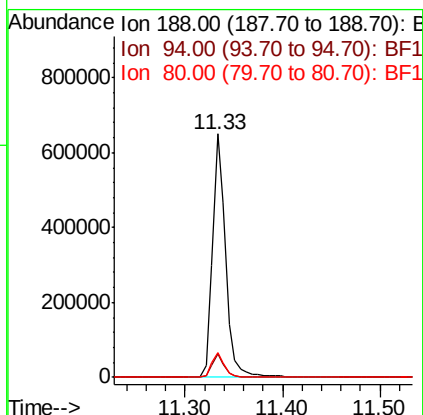
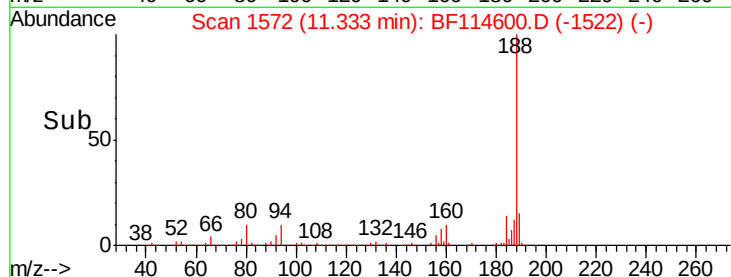
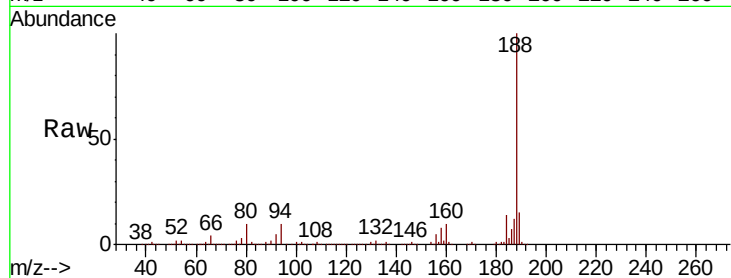




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF114600.D
Acq: 25 May 2019 6:11

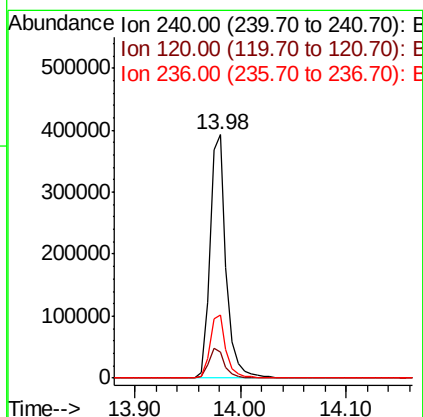
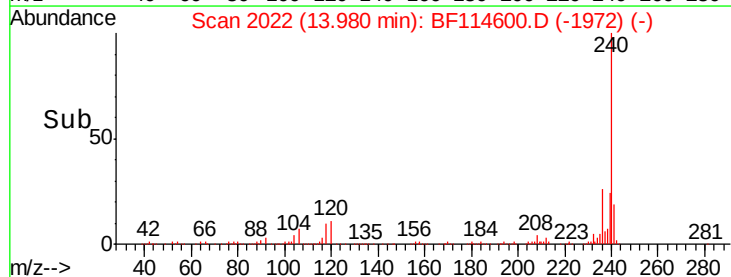
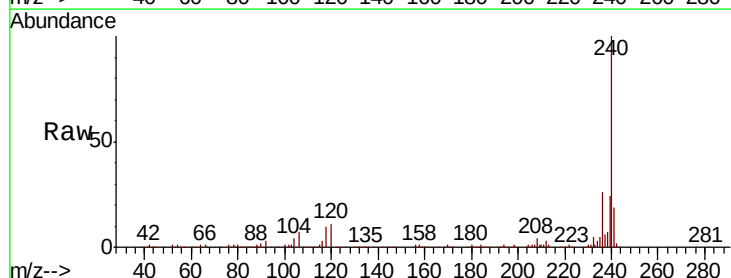
Instrument :
BNA_F
ClientSampleId :
TP-6-S

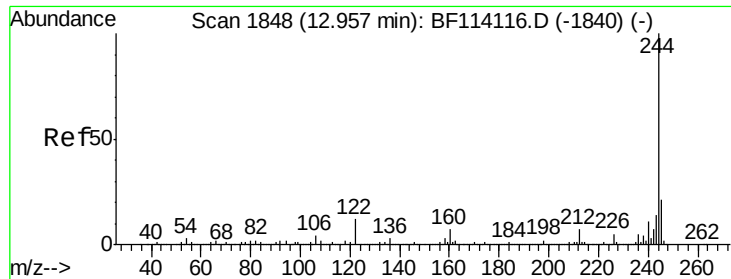
Tot Ion:188 Resp: 603648
Ion Ratio Lower Upper
188 100
94 9.6 8.4 12.6
80 9.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF114600.D
Acq: 25 May 2019 6:11

Tgt Ion:240 Resp: 418559
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 25.8 20.8 31.2

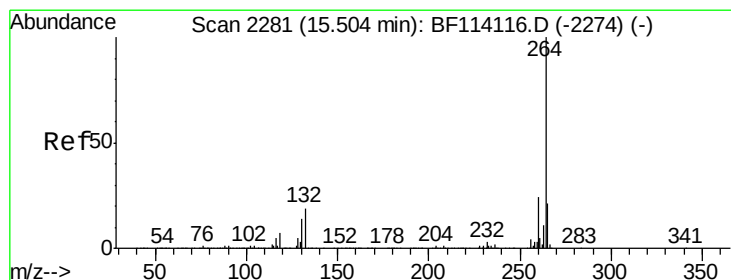
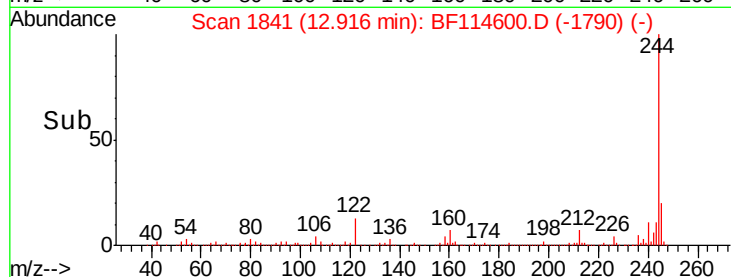
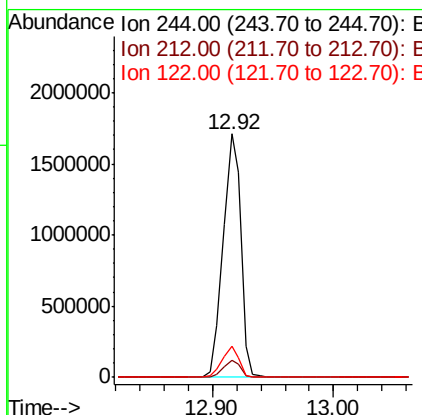
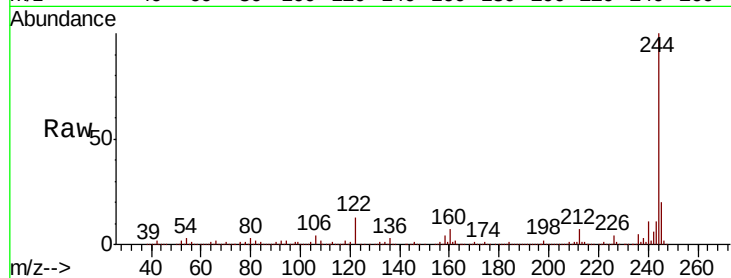




#79
 Terphenyl-d14
 Concen: 85.292 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-S

Tot Ion:244 Resp: 1731790
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 12.9 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF114600.D
 Acq: 25 May 2019 6:11

Tgt Ion:264 Resp: 424727
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.4 29.0
 265 20.8 16.9 25.3

