

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
 Data File : BF114268.D
 Acq On : 14 May 2019 21:57
 Operator : JU/SJ
 Sample : K2844-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-640

Quant Time: May 15 03:40:16 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

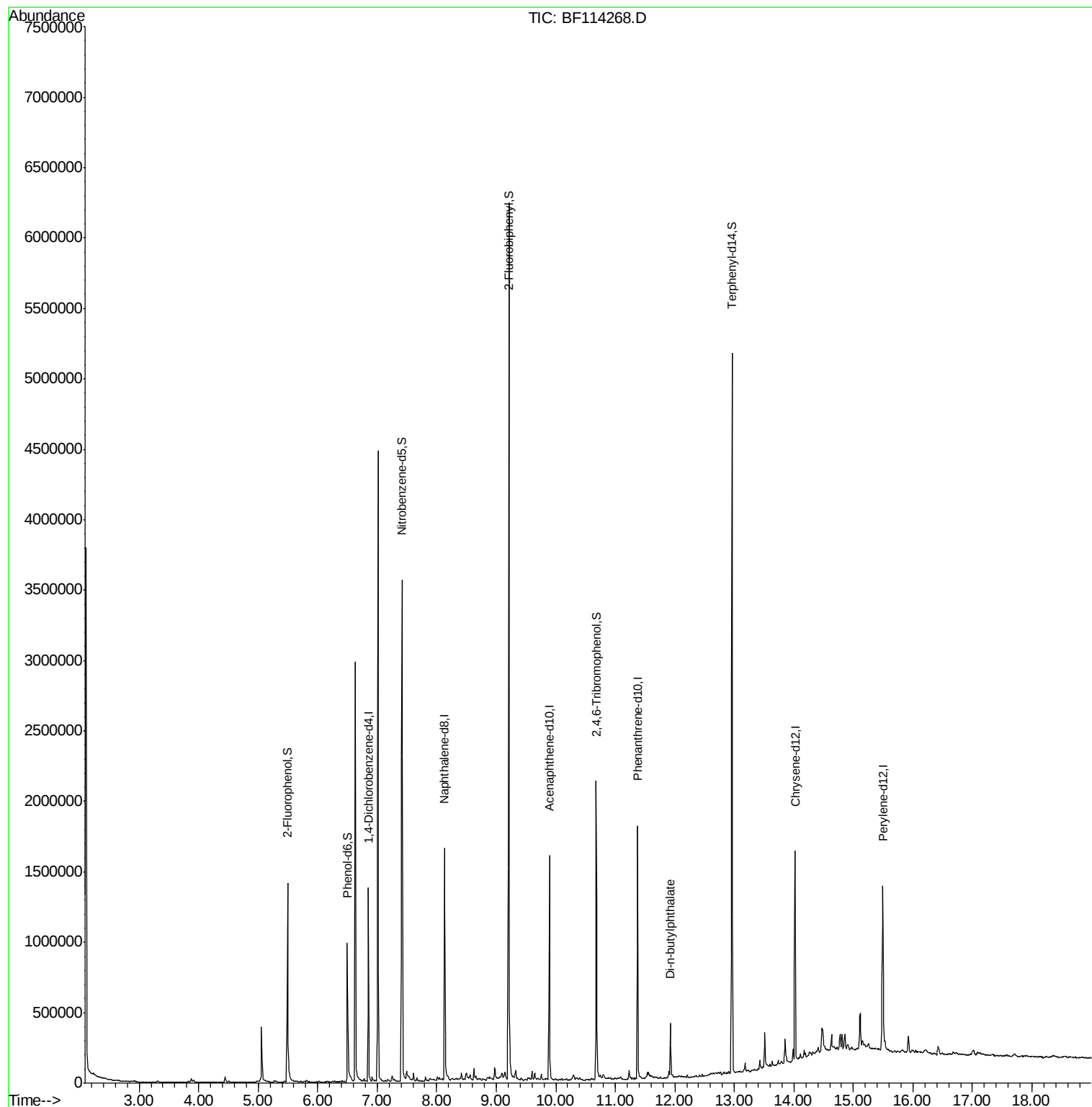
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	200172	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	745950	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	337061	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	669546	20.00	ng	0.00
76) Chrysene-d12	14.02	240	544796	20.00	ng	0.00
87) Perylene-d12	15.49	264	549810	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	474981	38.19	ng	0.01
7) Phenol-d6	6.50	99	375155	25.50	ng	0.00
23) Nitrobenzene-d5	7.42	82	1144075	86.07	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	251867	72.28	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1994525	89.51	ng	0.00
79) Terphenyl-d14	12.96	244	1925460	72.86	ng	0.00
Target Compounds						
74) Di-n-butylphthalate	11.93	149	162452	4.520	ng	Qvalue 98

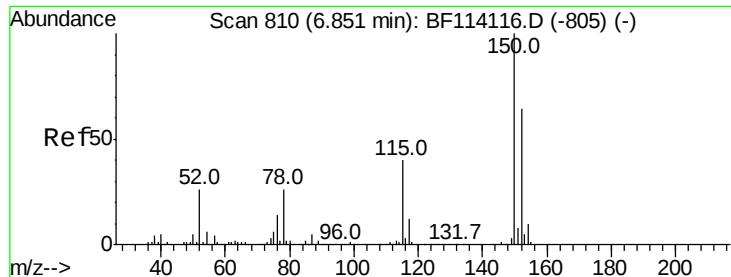
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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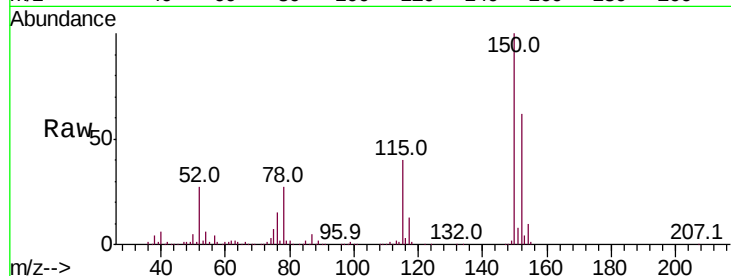


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114268.D
Acq: 14 May 2019 21:57

Instrument :
BNA_F
ClientSampleId :
HP-640

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.3	186.5
115	64.2	49.1	73.7

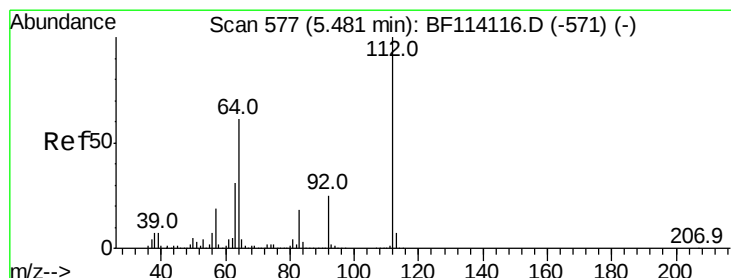
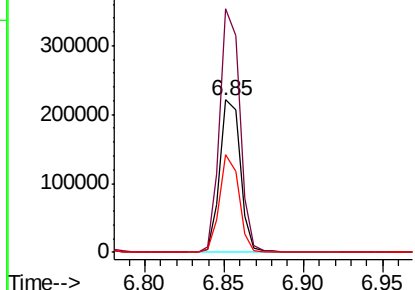
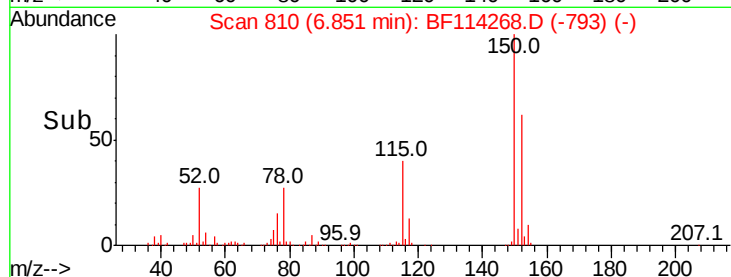


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

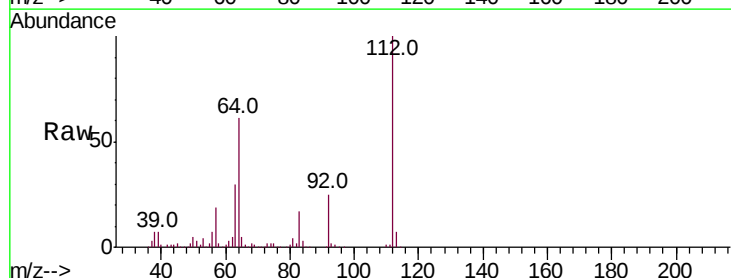
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 38.186 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114268.D
Acq: 14 May 2019 21:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.1	49.0	73.6
63	29.8	24.6	37.0

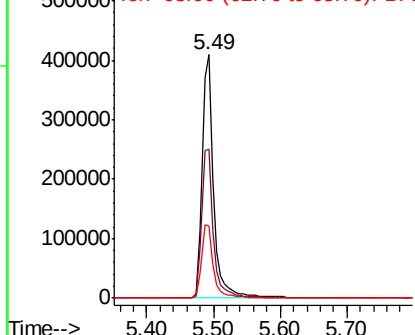
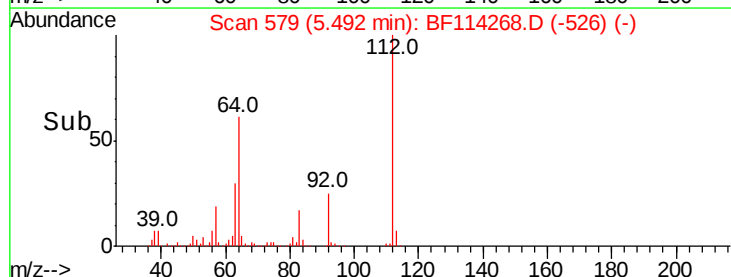


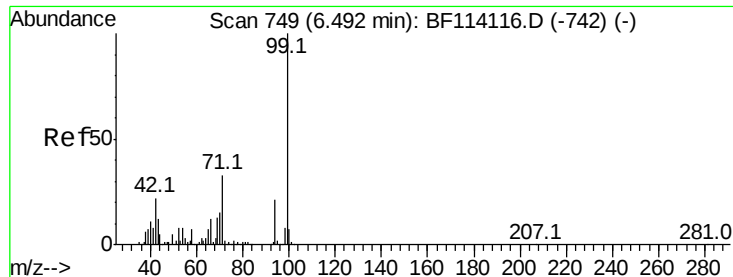
Abundance

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: 25.500 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114268.D

Acq: 14 May 2019 21:57

Instrument :

BNA_F

ClientSampleId :

HP-640

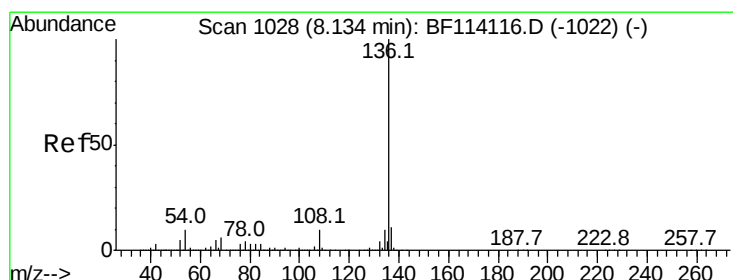
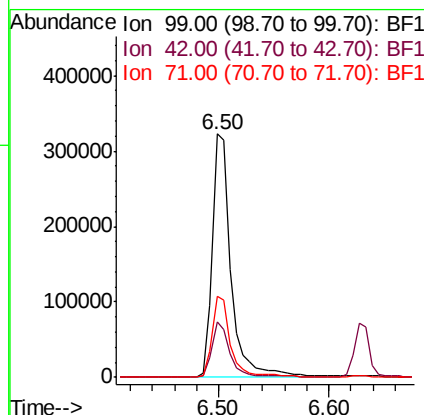
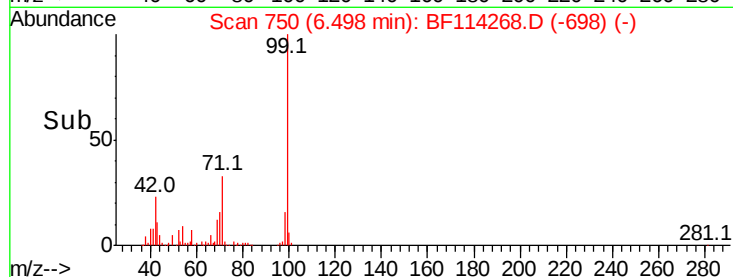
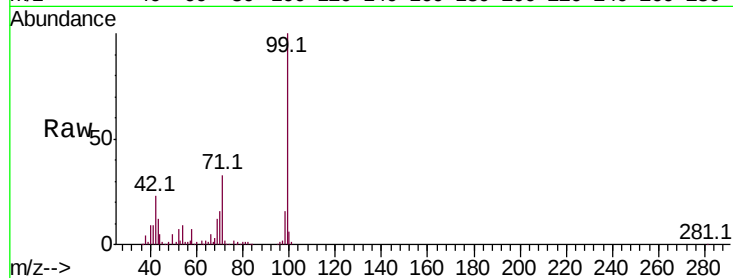
Tot Ion: 99 Resp: 375155

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 33.1 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114268.D

Acq: 14 May 2019 21:57

Tgt Ion: 136 Resp: 745950

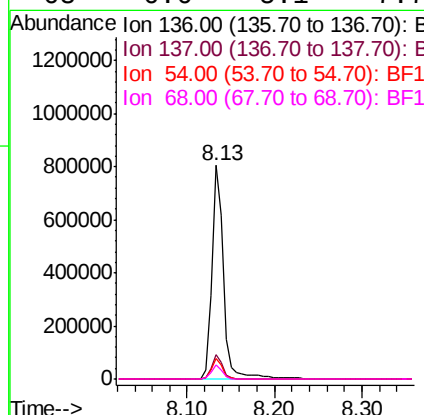
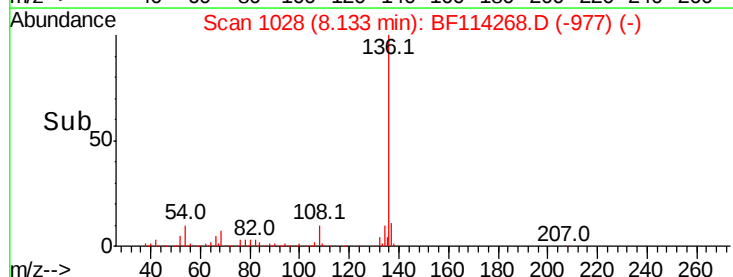
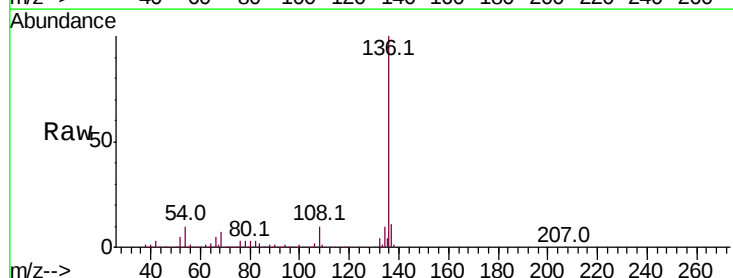
Ion Ratio Lower Upper

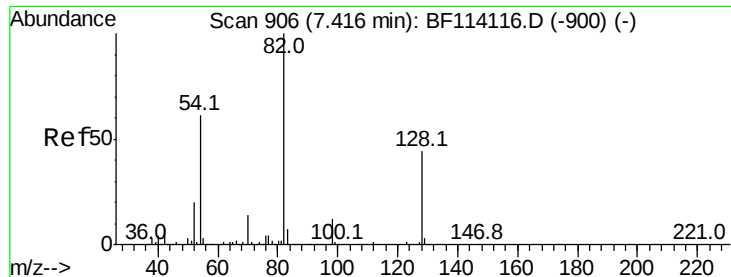
136 100

137 11.2 8.8 13.2

54 9.8 7.8 11.8

68 6.6 5.1 7.7



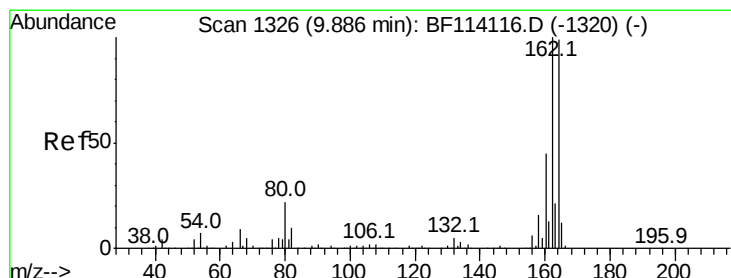
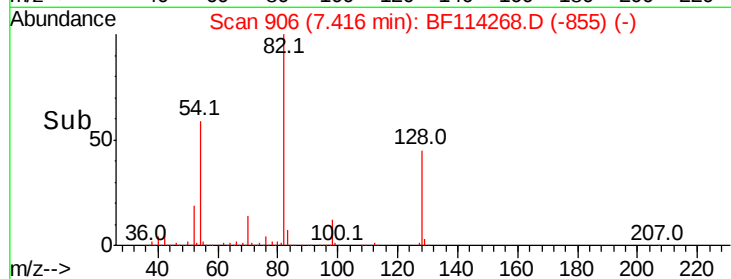
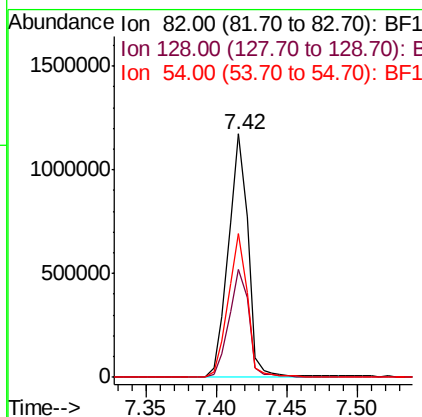
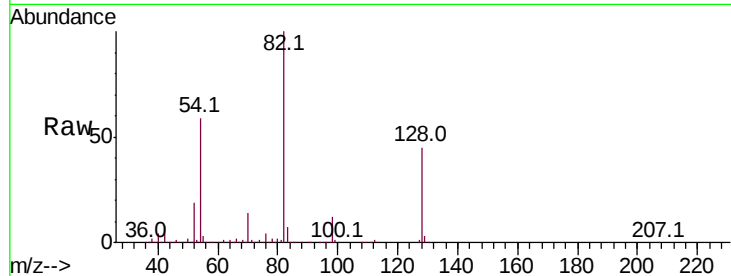


#23
 Nitrobenzene-d5
 Concen: 86.072 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF114268.D
 Acq: 14 May 2019 21:57

Instrument :
 BNA_F
 ClientSampleId :
 HP-640

Tot Ion: 82 Resp: 1144075

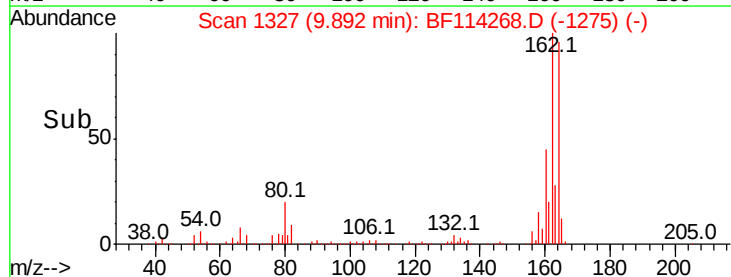
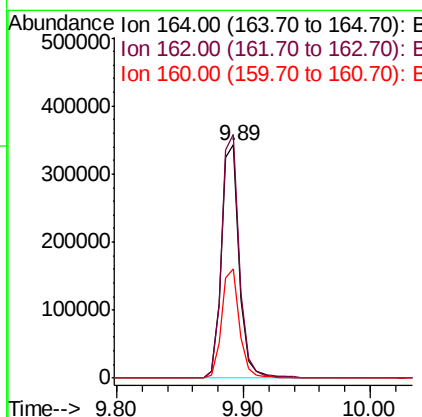
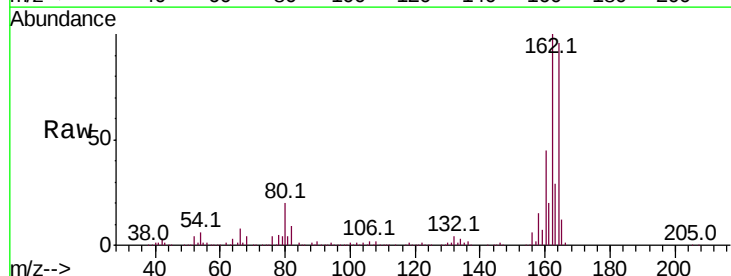
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.5	53.3
54	59.0	48.5	72.7

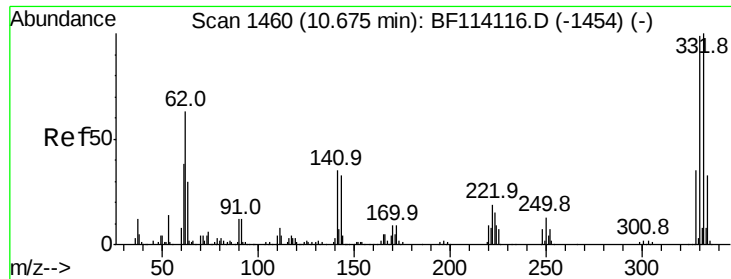


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114268.D
 Acq: 14 May 2019 21:57

Tgt Ion: 164 Resp: 337061

Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.6	120.8
160	46.7	36.5	54.7

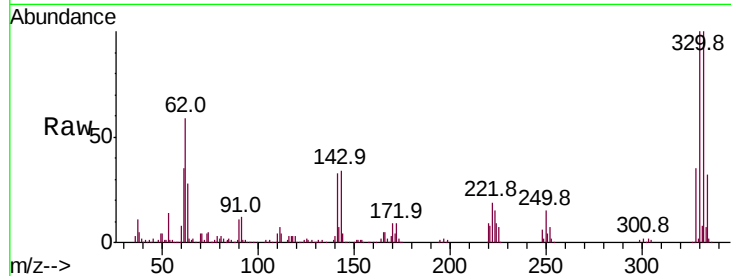




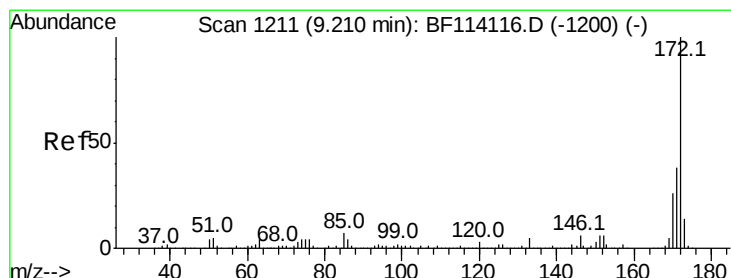
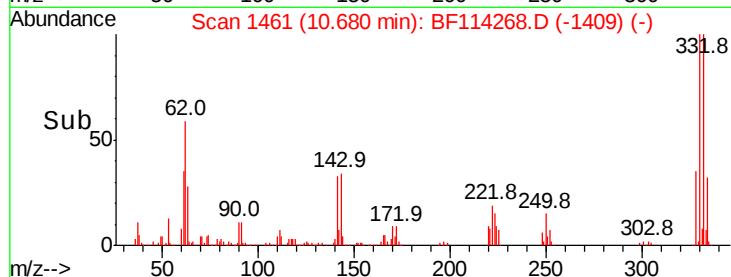
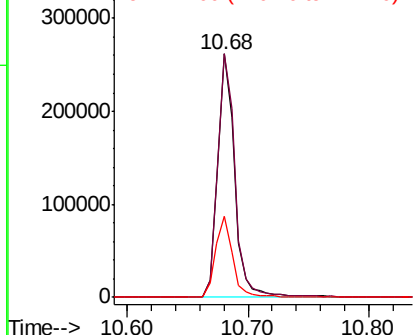
#42
 2,4,6-Tribromophenol
 Concen: 72.279 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.01 min
 Lab File: BF114268.D
 Acq: 14 May 2019 21:57

Instrument :
 BNA_F
 ClientSampleId :
 HP-640

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.7	81.4	122.2
141	33.9	26.6	40.0

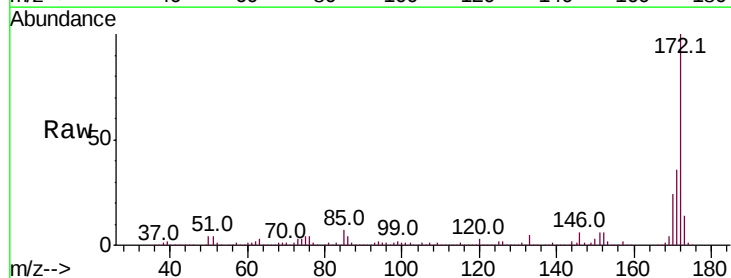


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

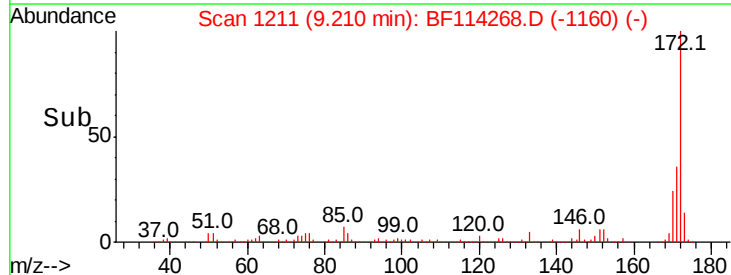
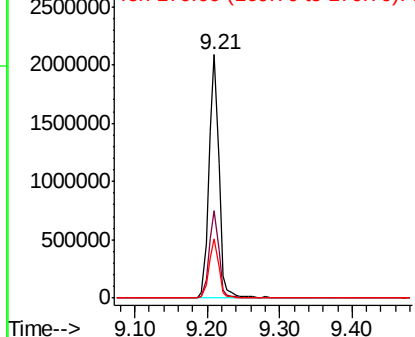


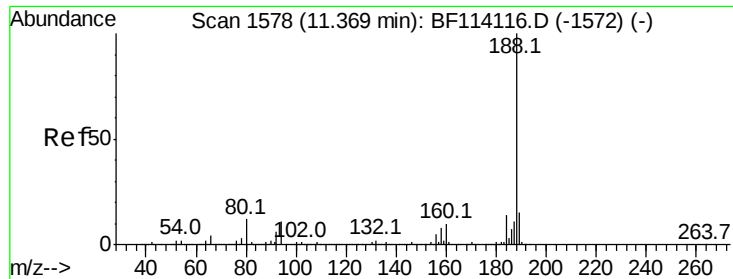
#45
 2-Fluorobiphenyl
 Concen: 89.510 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114268.D
 Acq: 14 May 2019 21:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.7	46.1
170	24.4	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

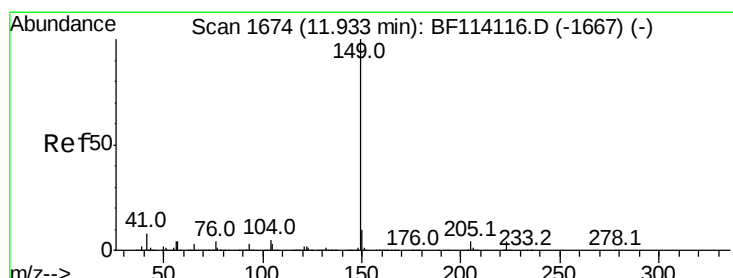
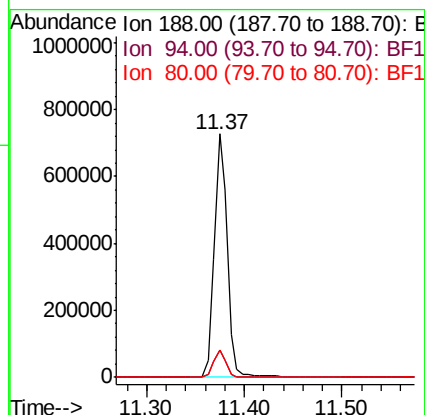
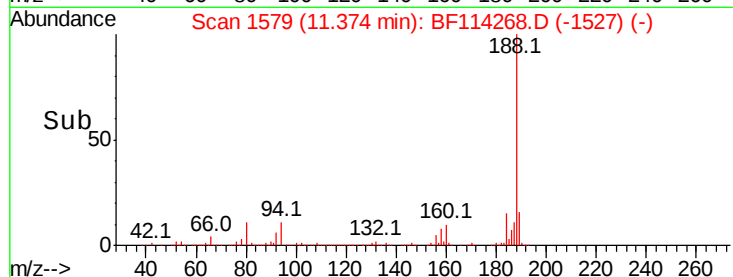
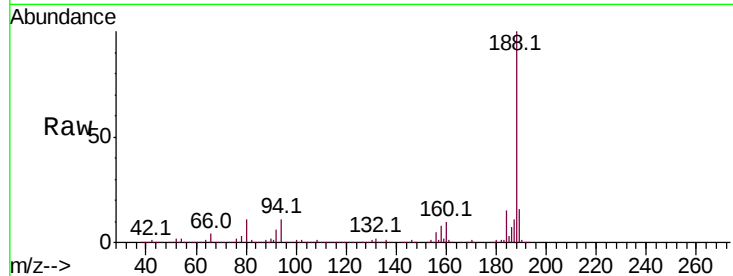




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114268.D
Acq: 14 May 2019 21:57

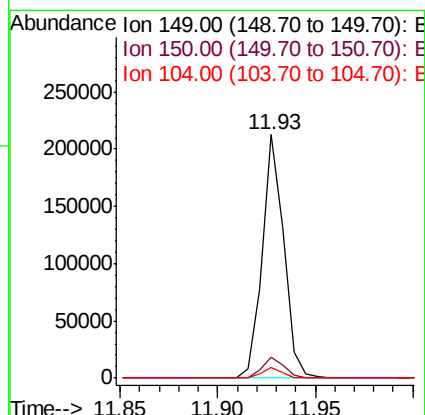
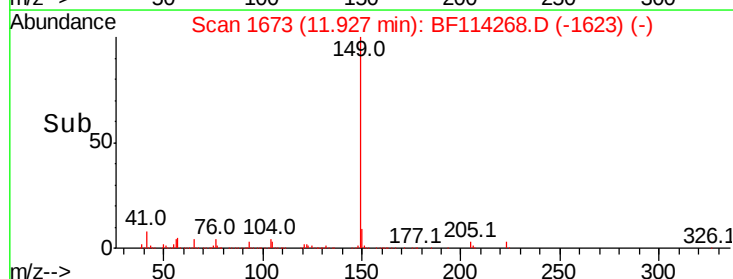
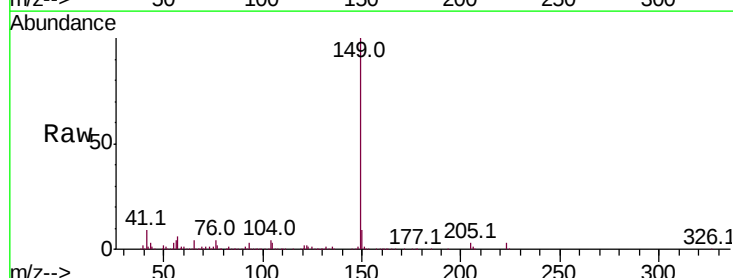
Instrument :
BNA_F
ClientSampled :
HP-640

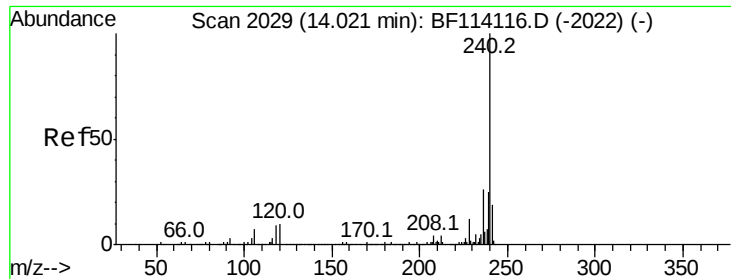
Tot Ion:188 Resp: 669546
Ion Ratio Lower Upper
188 100
94 11.0 8.4 12.6
80 11.4 9.2 13.8



#74
Di-n-butylphthalate
Concen: 4.520 ng
RT: 11.93 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BF114268.D
Acq: 14 May 2019 21:57

Tgt Ion:149 Resp: 162452
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.2 3.6 5.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF114268.D

Acq: 14 May 2019 21:57

Instrument :

BNA_F

ClientSampleId :

HP-640

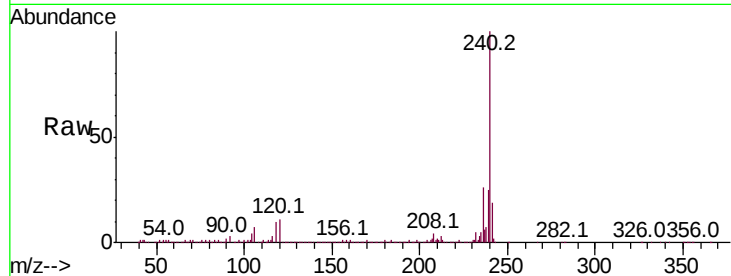
Tot Ion:240 Resp: 544796

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

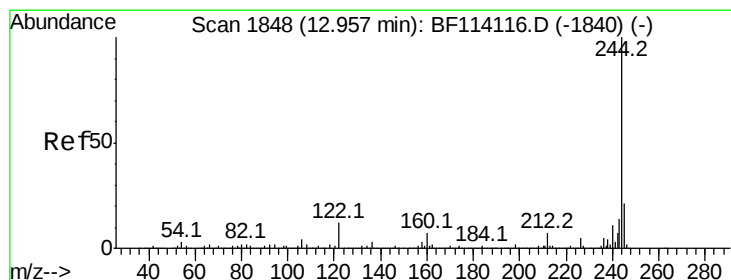
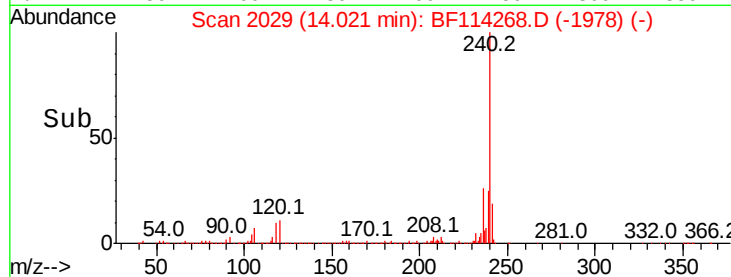
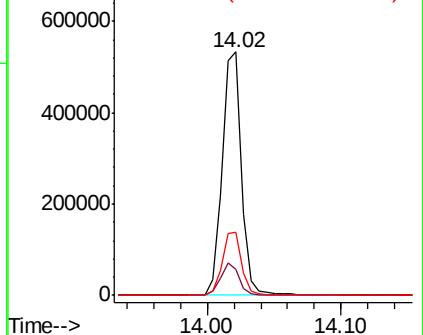
236 25.9 20.8 31.2



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: 72.857 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.01 min

Lab File: BF114268.D

Acq: 14 May 2019 21:57

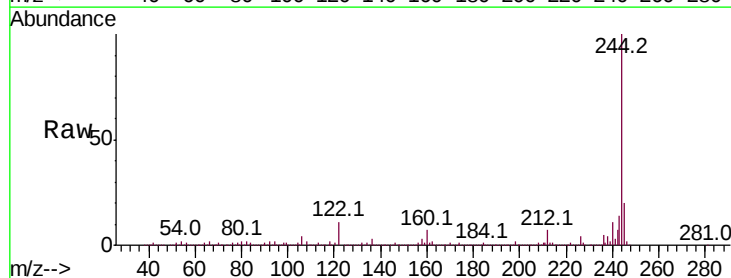
Tgt Ion:244 Resp: 1925460

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

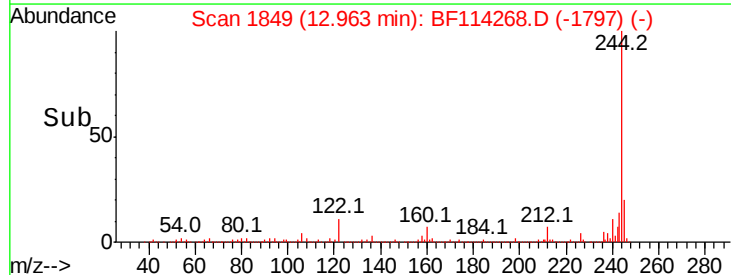
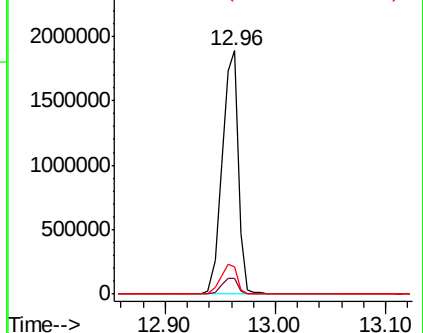
122 11.0 9.4 14.2

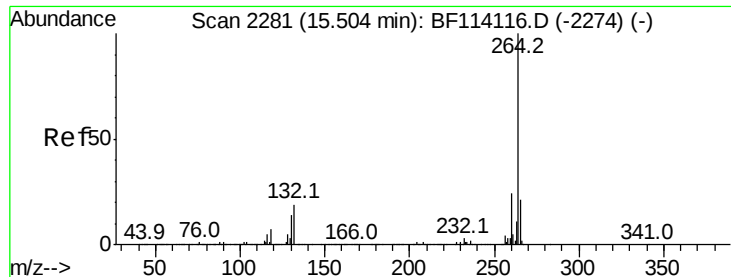


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF114268.D
Acq: 14 May 2019 21:57

Instrument :
BNA_F
ClientSampleId :
HP-640

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.5	16.9	25.3

