

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051419\
 Data File : BF114267.D
 Acq On : 14 May 2019 21:31
 Operator : JU/SJ
 Sample : K2844-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-627

Quant Time: May 15 03:39:16 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	193895	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	751874	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	344028	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	664487	20.00	ng	0.00
76) Chrysene-d12	14.02	240	555161	20.00	ng	0.00
87) Perylene-d12	15.50	264	549856	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	6383	0.53	ng	0.02
7) Phenol-d6	6.50	99	11759	0.83	ng	0.00
23) Nitrobenzene-d5	7.41	82	385900	28.80	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	3055	0.86	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1249262	54.93	ng	0.00
79) Terphenyl-d14	12.96	244	1282707	47.63	ng	0.00

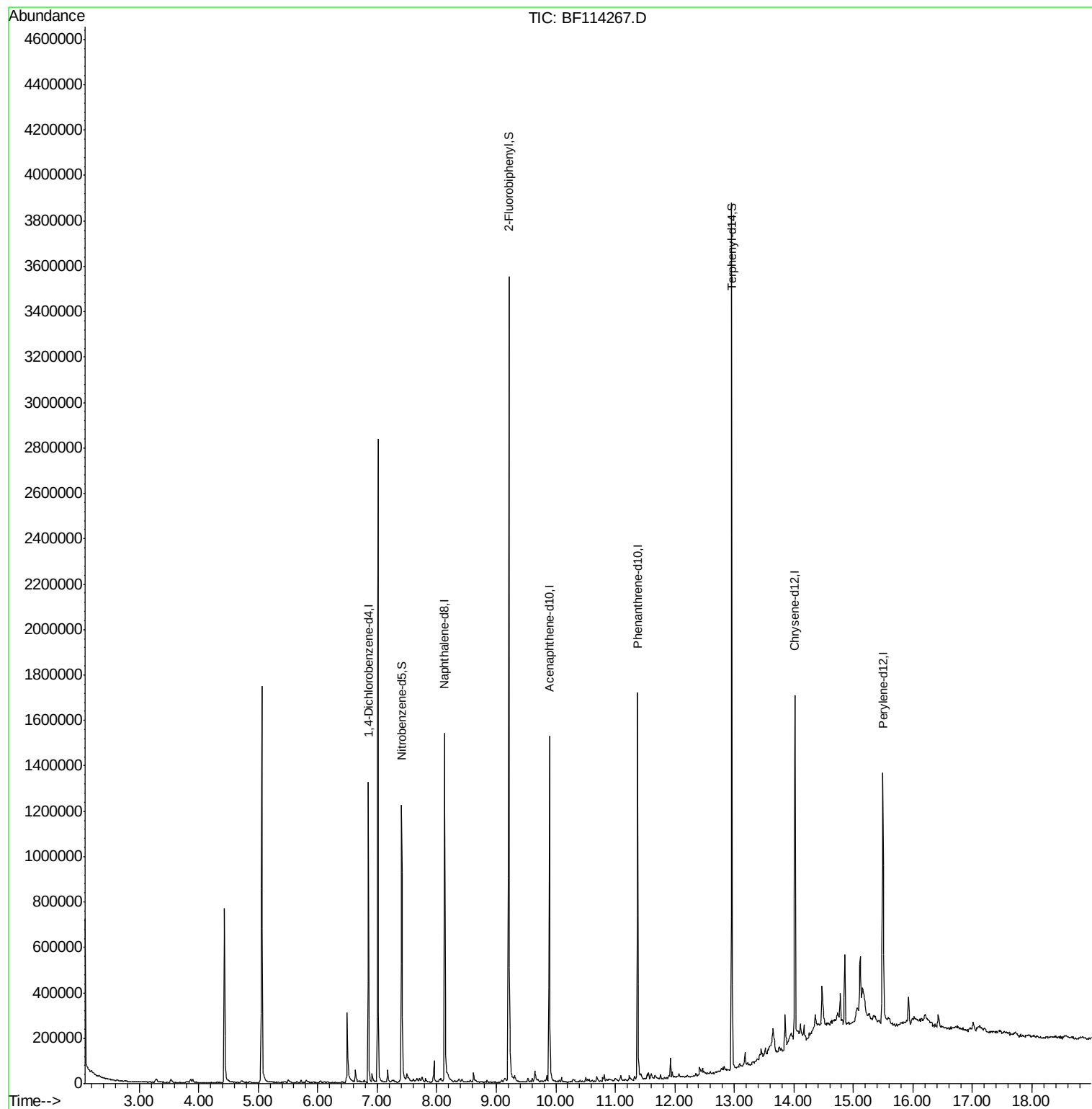
Target Compounds Qvalue

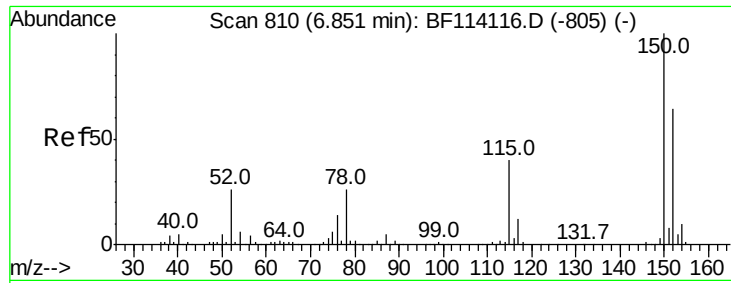
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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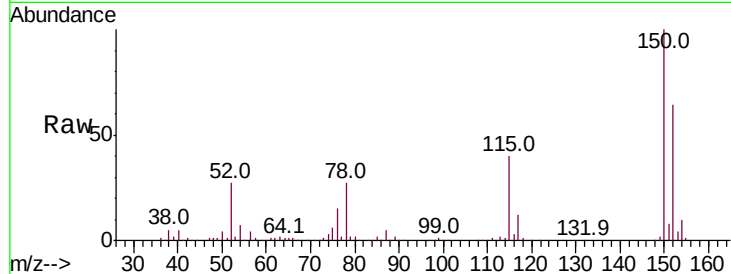


#1

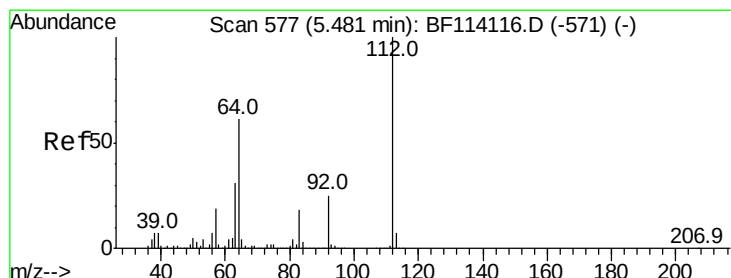
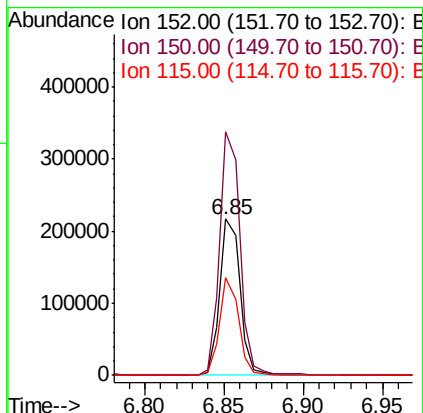
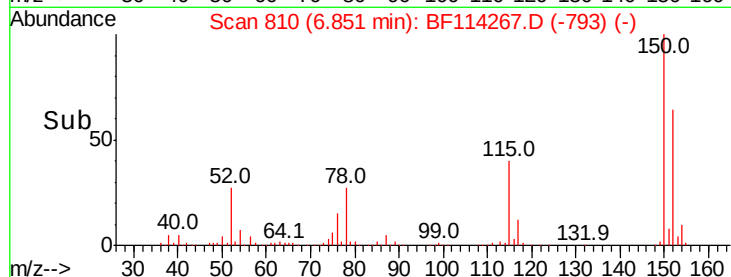
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114267.D
Acq: 14 May 2019 21:31

Instrument :
BNA_F
ClientSampleId :
HP-627

Tot Ion:152 Resp: 193895
Ion Ratio Lower Upper
152 100
150 155.8 124.3 186.5
115 62.9 49.1 73.7



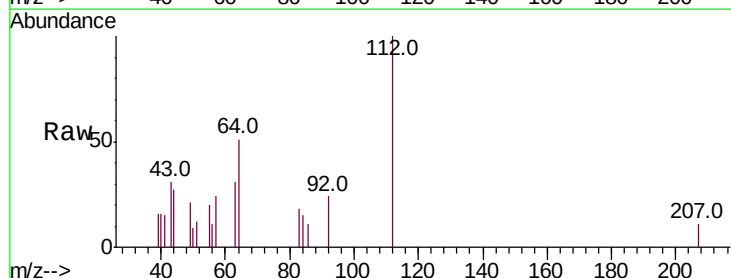
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



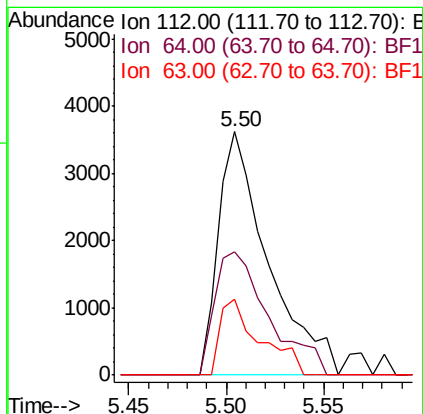
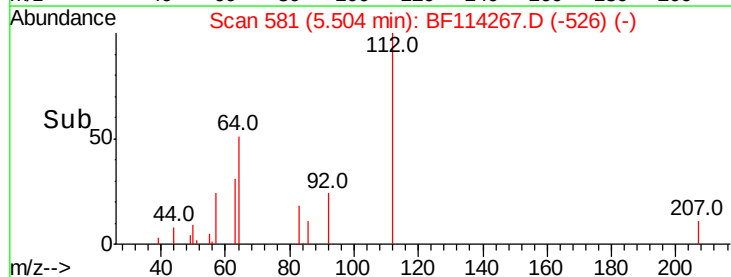
#5

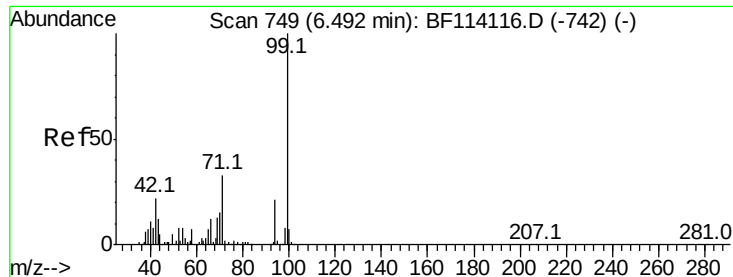
2-Fluorophenol
Concen: 0.530 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.02 min
Lab File: BF114267.D
Acq: 14 May 2019 21:31

Tgt Ion:112 Resp: 6383
Ion Ratio Lower Upper
112 100
64 50.8 49.0 73.6
63 31.1 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: 0.825 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114267.D

Acq: 14 May 2019 21:31

Instrument :

BNA_F

ClientSampleId :

HP-627

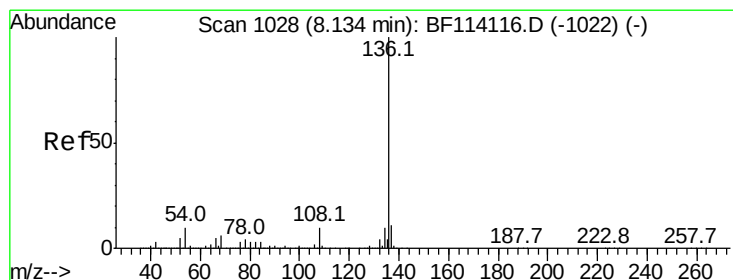
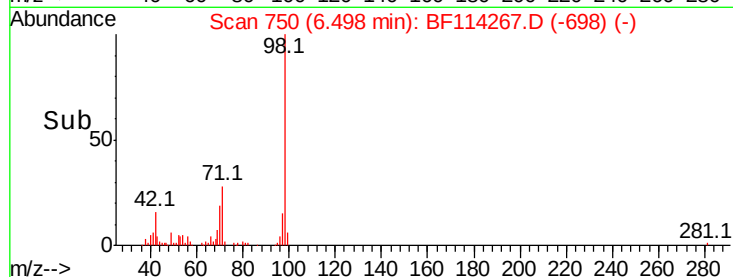
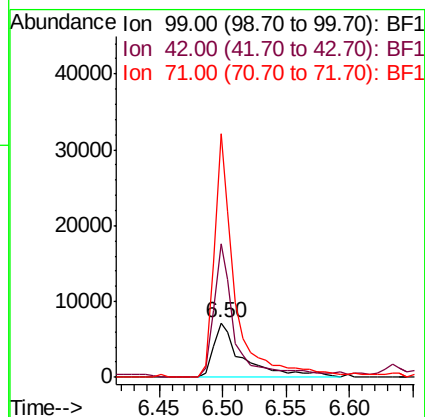
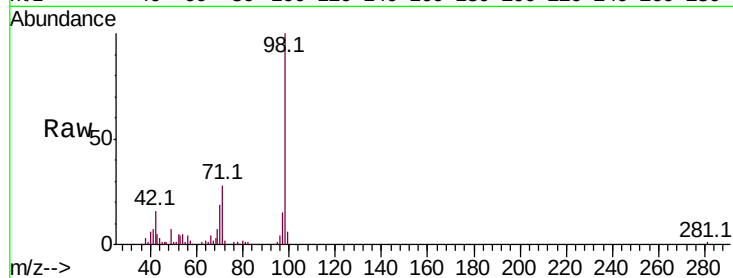
Tot Ion: 99 Resp: 11759

Ion Ratio Lower Upper

99 100

42 244.3 17.9 26.9#

71 447.5 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: BF114267.D

Acq: 14 May 2019 21:31

Tgt Ion: 136 Resp: 751874

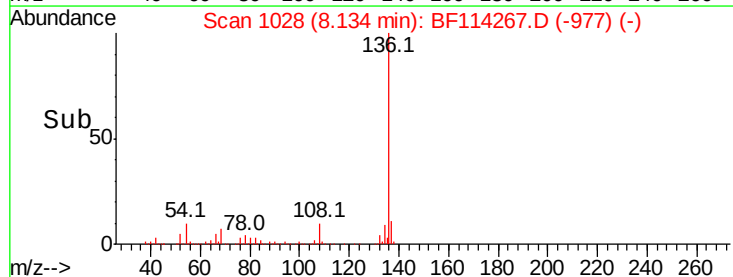
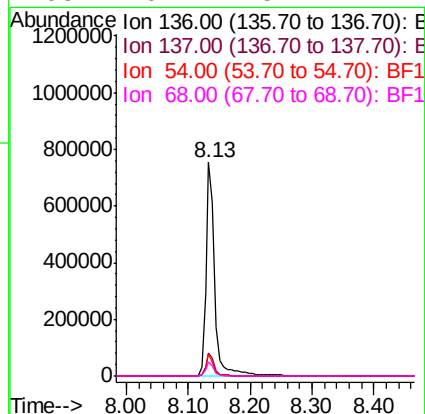
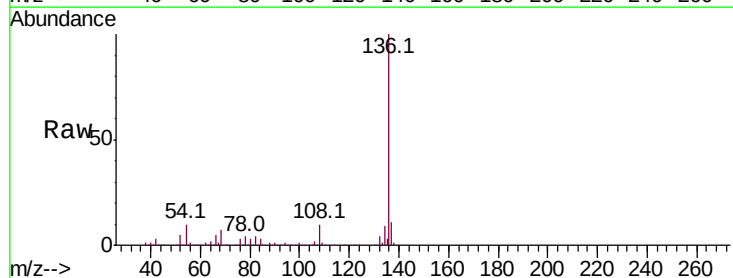
Ion Ratio Lower Upper

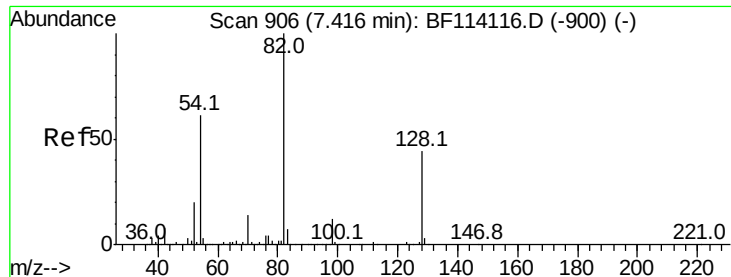
136 100

137 10.8 8.8 13.2

54 9.9 7.8 11.8

68 6.7 5.1 7.7

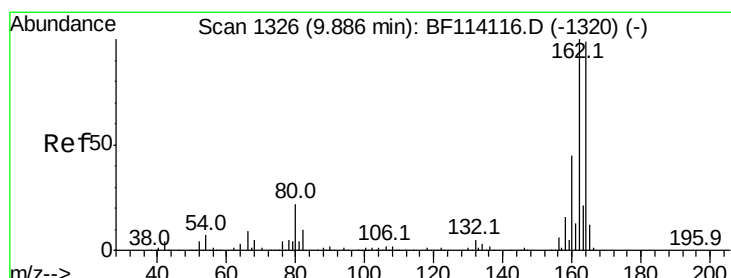
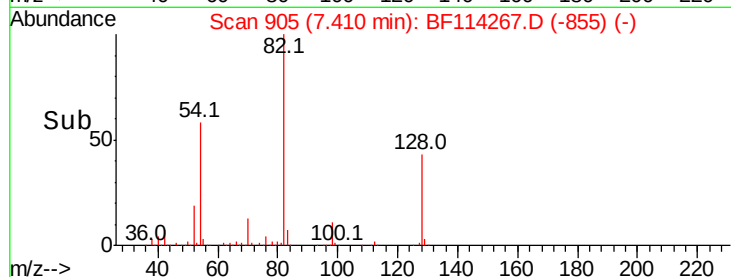
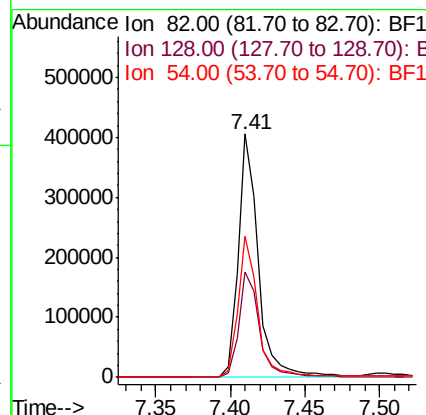
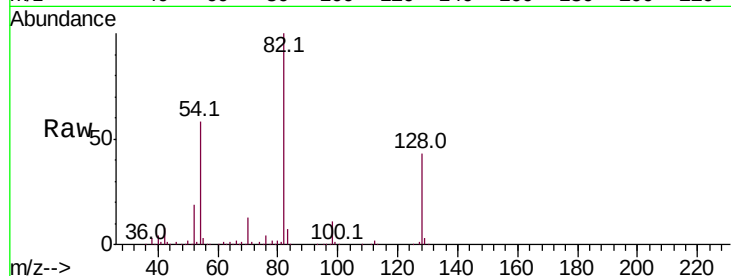




#23
Nitrobenzene-d5
Concen: 28.804 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114267.D
Acq: 14 May 2019 21:31

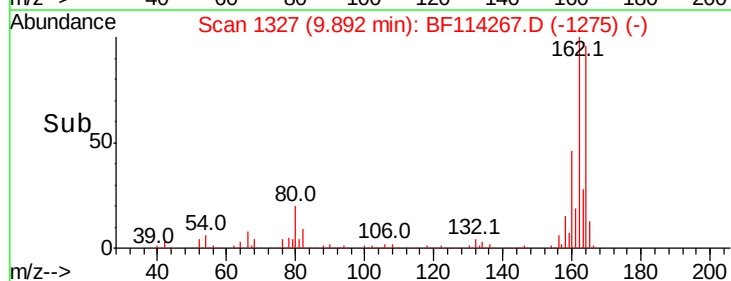
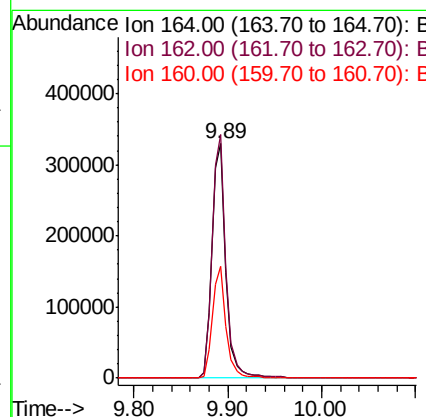
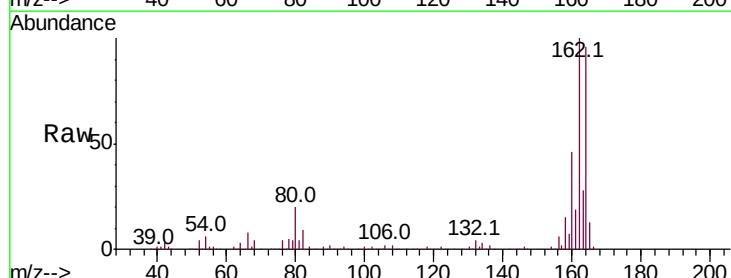
Instrument :
BNA_F
ClientSampleId :
HP-627

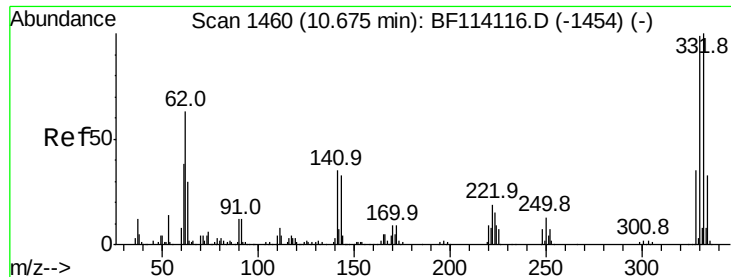
Tot Ion	82	Resp	385900
Ion Ratio	Lower	Upper	
82	100		
128	43.2	35.5	53.3
54	58.2	48.5	72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114267.D
Acq: 14 May 2019 21:31

Tgt Ion	164	Resp	344028
Ion Ratio	Lower	Upper	
164	100		
162	103.9	80.6	120.8
160	47.7	36.5	54.7

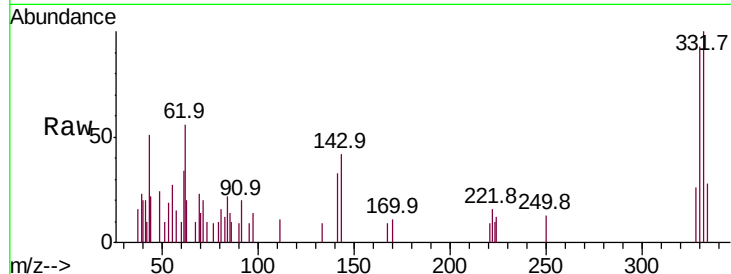




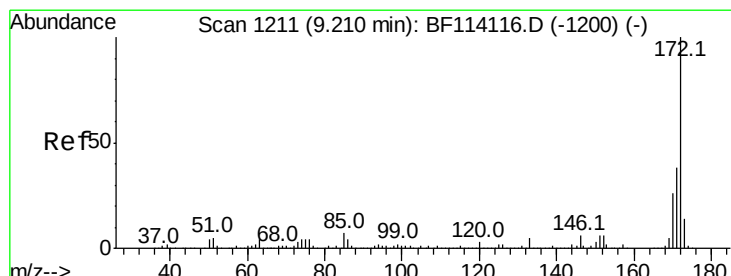
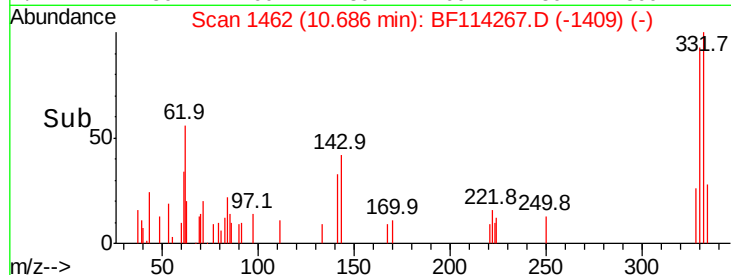
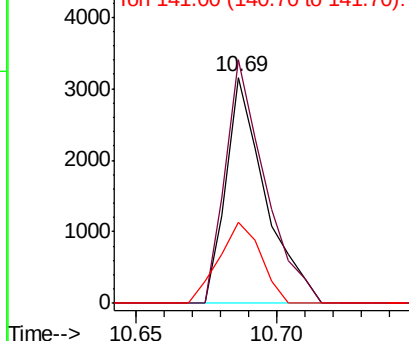
#42
 2,4,6-Tribromophenol
 Concen: 0.859 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF114267.D
 Acq: 14 May 2019 21:31

Instrument :
 BNA_F
 ClientSampleId :
 HP-627

Tot Ion:330 Resp: 3055
 Ion Ratio Lower Upper
 330 100
 332 109.1 81.4 122.2
 141 38.3 26.6 40.0

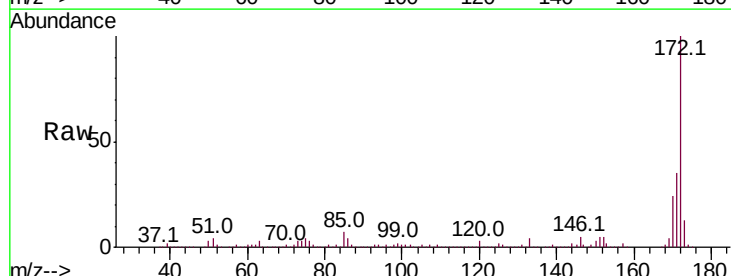


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

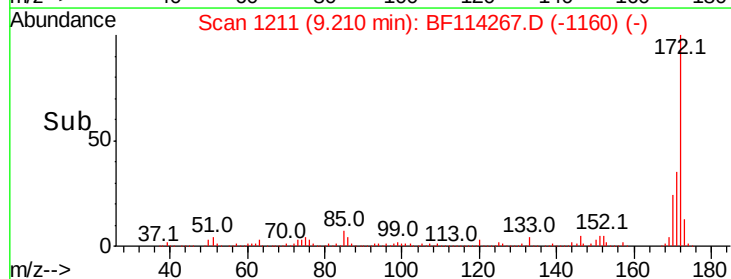
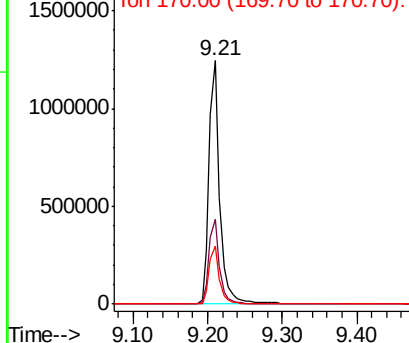


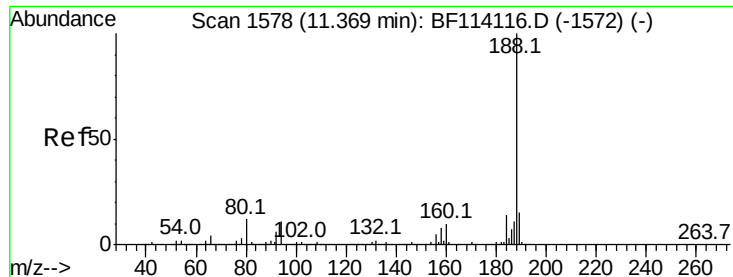
#45
 2-Fluorobiphenyl
 Concen: 54.929 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF114267.D
 Acq: 14 May 2019 21:31

Tgt Ion:172 Resp: 1249262
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.7 46.1
 170 23.7 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

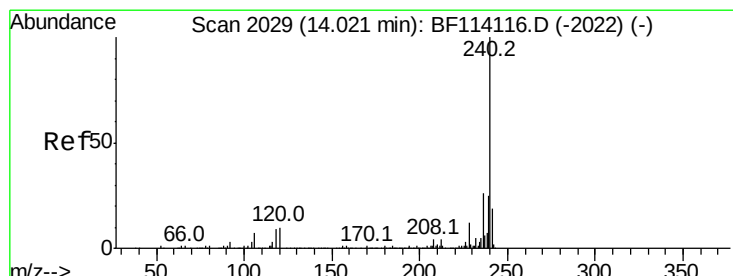
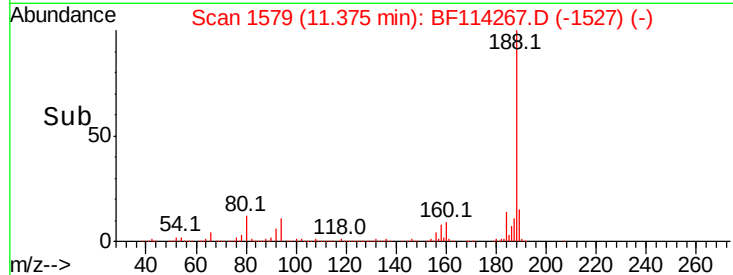
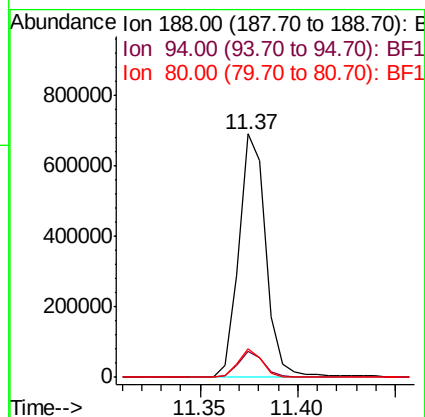
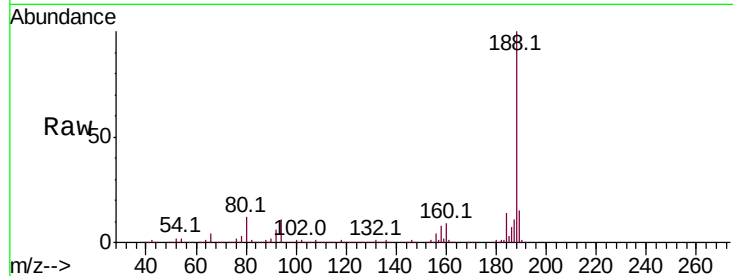




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114267.D
Acq: 14 May 2019 21:31

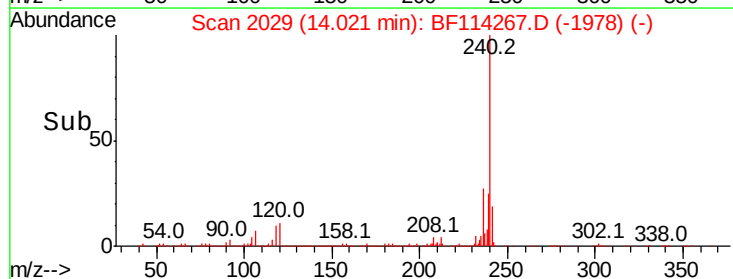
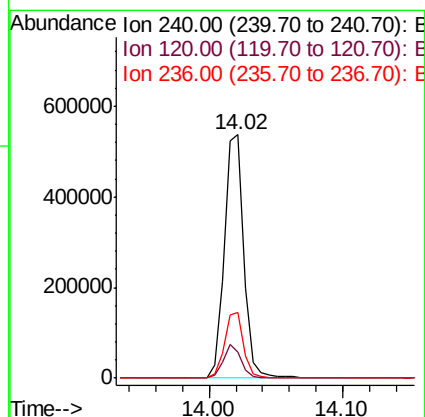
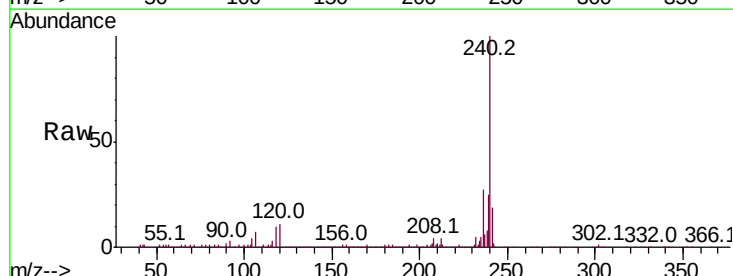
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BNA_F
ClientSampleId :
HP-627

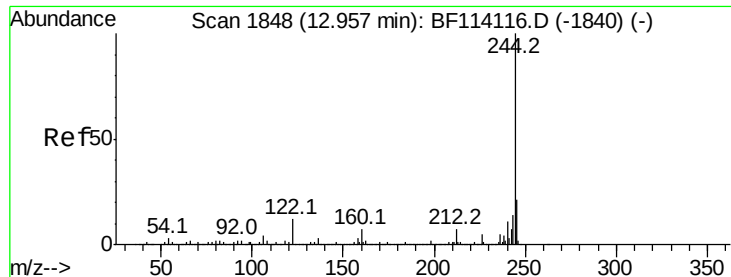
Tot Ion:188 Resp: 664487
Ion Ratio Lower Upper
188 100
94 10.9 8.4 12.6
80 11.9 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF114267.D
Acq: 14 May 2019 21:31

Tgt Ion:240 Resp: 555161
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.8 20.8 31.2





#79

Terphenyl-d14

Concen: 47.630 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114267.D

Acq: 14 May 2019 21:31

Instrument :

BNA_F

ClientSampleId :

HP-627

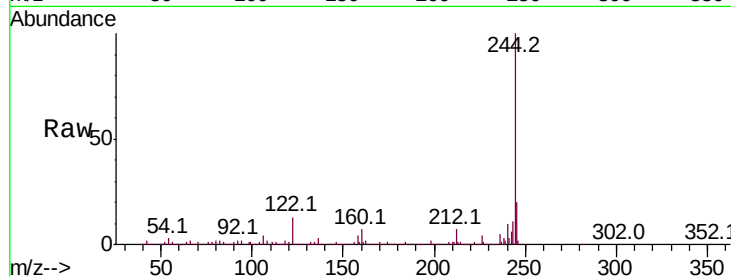
Tot Ion:244 Resp: 1282707

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.6	9.4	14.2

244 100

212 7.0 5.8 8.6

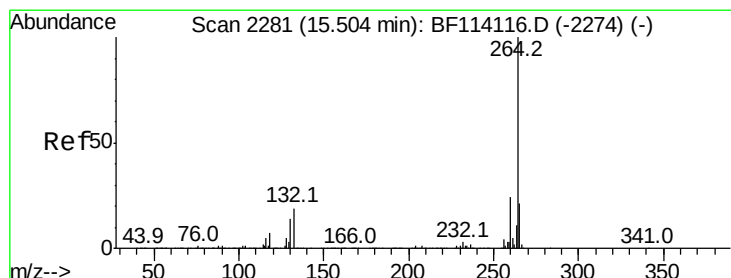
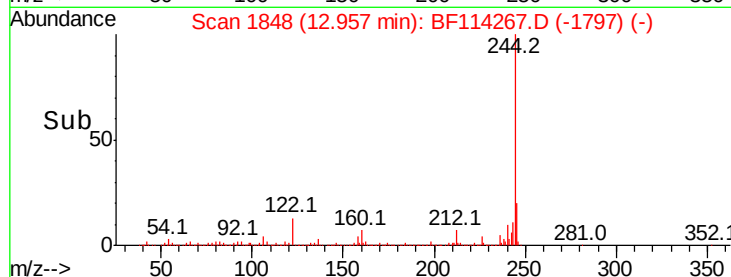
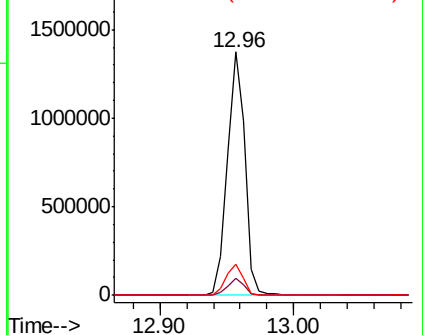
122 12.6 9.4 14.2



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

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF114267.D

Acq: 14 May 2019 21:31

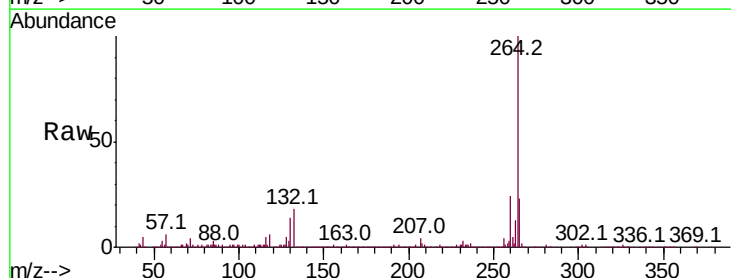
Tgt Ion:264 Resp: 549856

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	22.5	16.9	25.3

264 100

260 24.3 19.4 29.0

265 22.5 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

