

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114240.D
 Acq On : 13 May 2019 20:11
 Operator : JU/SJ
 Sample : K2822-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3

Quant Time: May 14 07:57:12 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

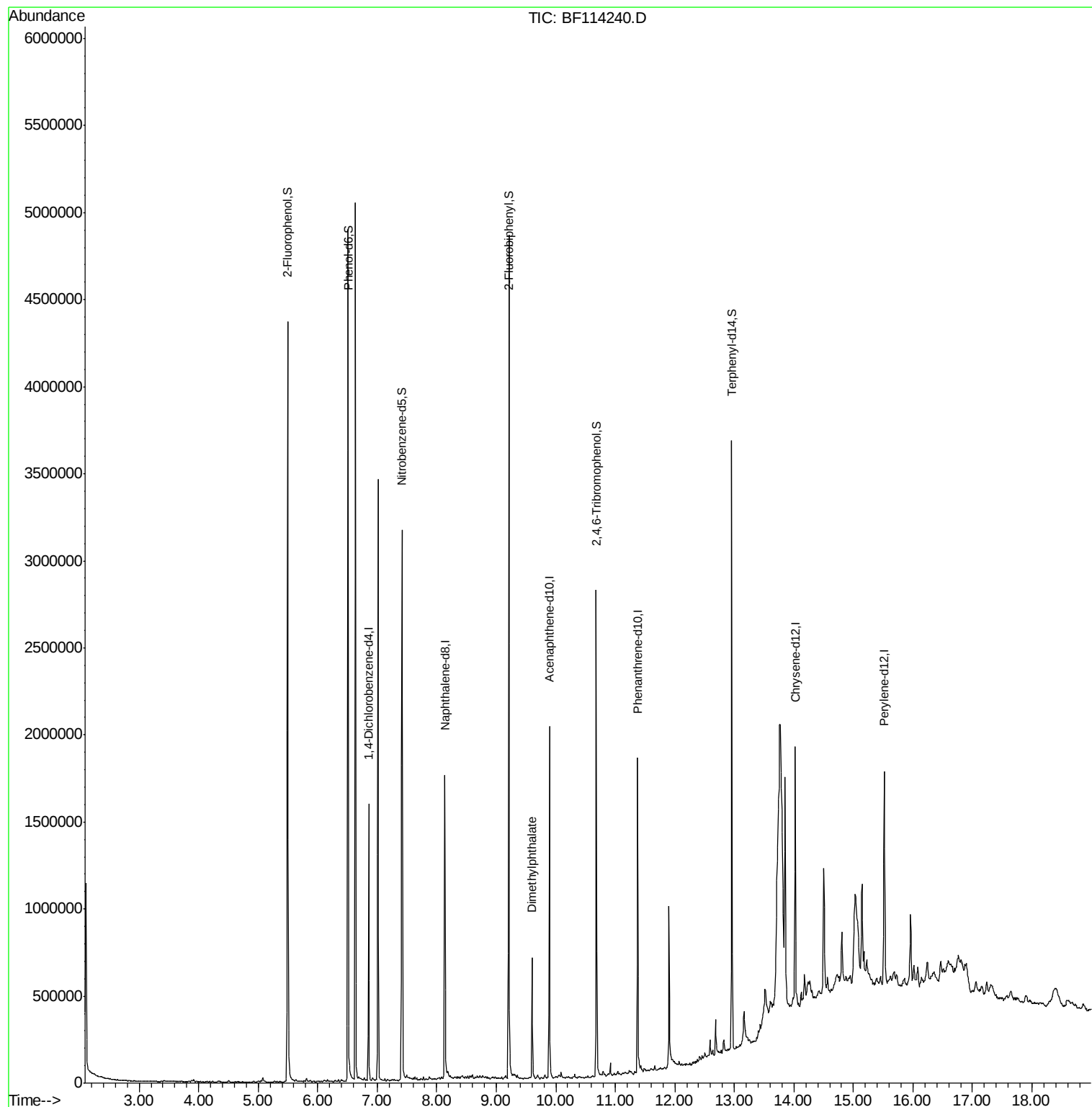
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	219187	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	829653	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	382535	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	712168	20.00	ng	0.01
76) Chrysene-d12	14.02	240	500862	20.00	ng	0.00
87) Perylene-d12	15.52	264	506662	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1287720	94.54	ng	0.02
7) Phenol-d6	6.51	99	1666286	103.44	ng	0.02
23) Nitrobenzene-d5	7.42	82	991194	67.05	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	359060	90.79	ng	0.01
45) 2-Fluorobiphenyl	9.21	172	1467899	58.05	ng	0.00
79) Terphenyl-d14	12.96	244	1236113	50.88	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	277977	9.899	ng	Qvalue 98

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

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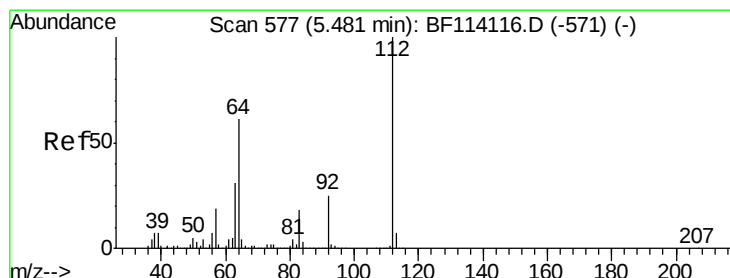
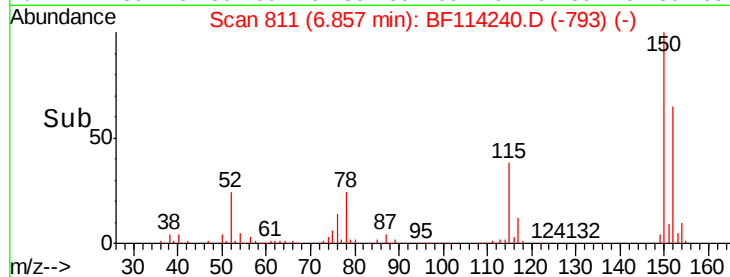
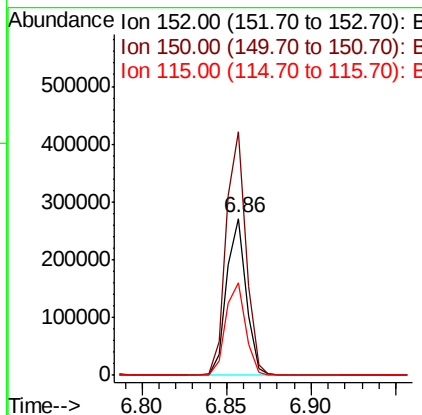
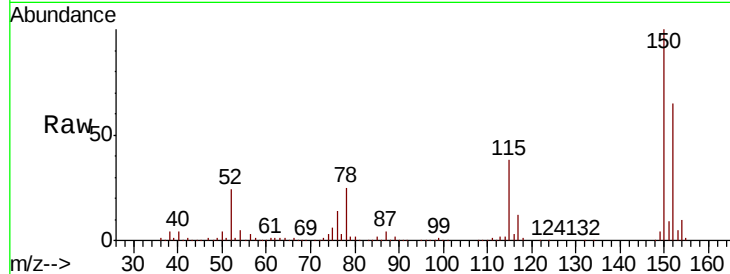


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Instrument :
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ClientSampleId :
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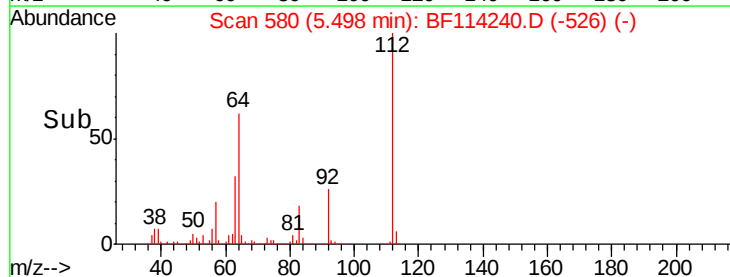
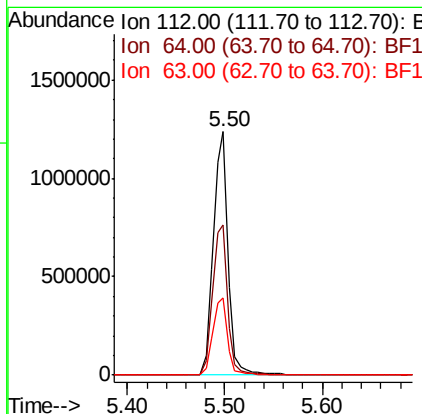
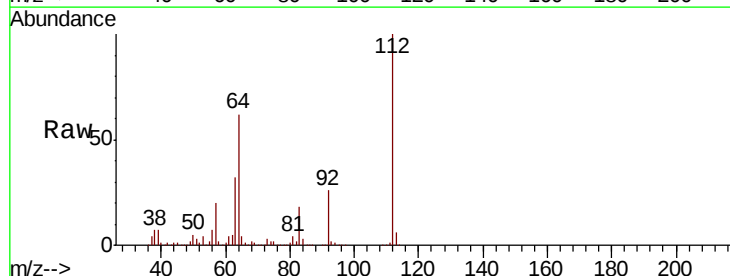
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.3	186.5
115	59.3	49.1	73.7



#5

2-Fluorophenol
Concen: 94.544 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.0	73.6
63	31.5	24.6	37.0





#7

Phenol-d6

Concen: 103.437 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.02 min

Lab File: BF114240.D

Acq: 13 May 2019 20:11

Instrument :

BNA_F

ClientSampled :

S-3

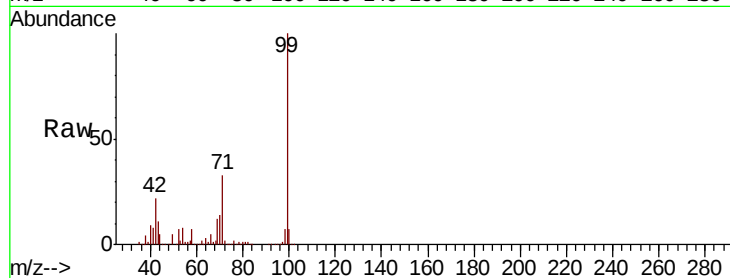
Tot Ion: 99 Resp: 1666286

Ion Ratio Lower Upper

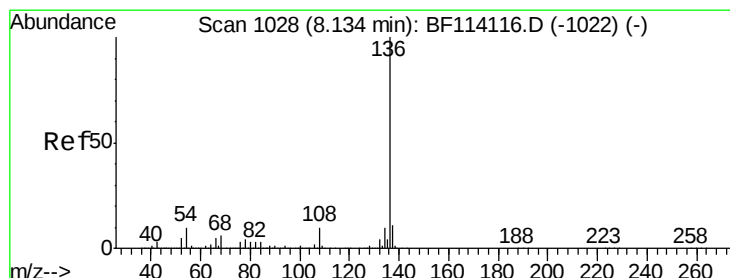
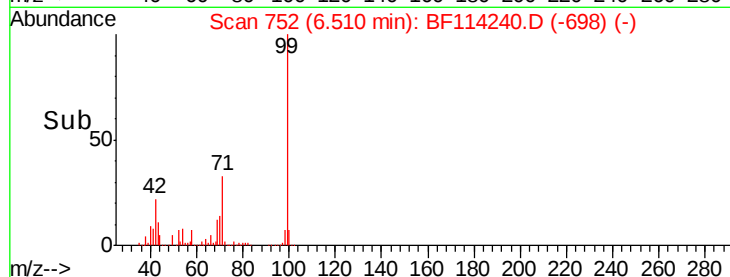
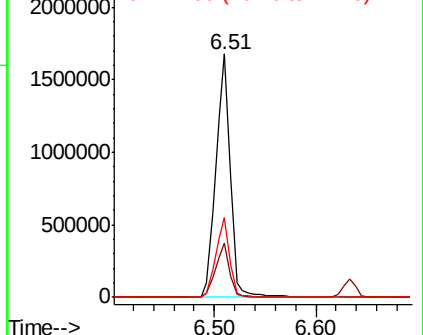
99 100

42 22.4 17.9 26.9

71 32.6 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: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF114240.D

Acq: 13 May 2019 20:11

Tgt Ion: 136 Resp: 829653

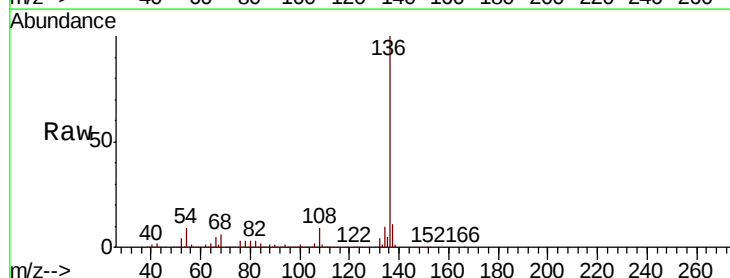
Ion Ratio Lower Upper

136 100

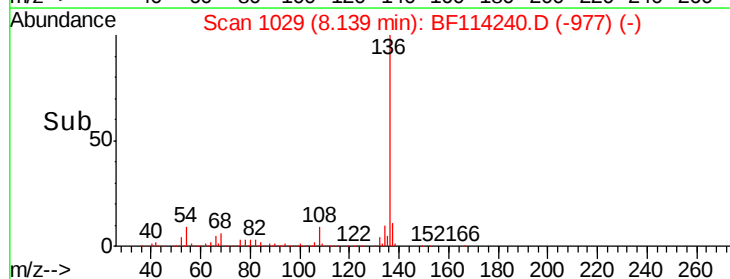
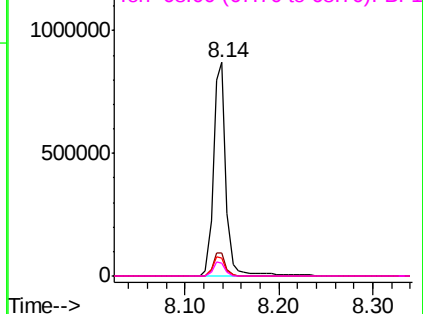
137 11.1 8.8 13.2

54 8.6 7.8 11.8

68 6.3 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

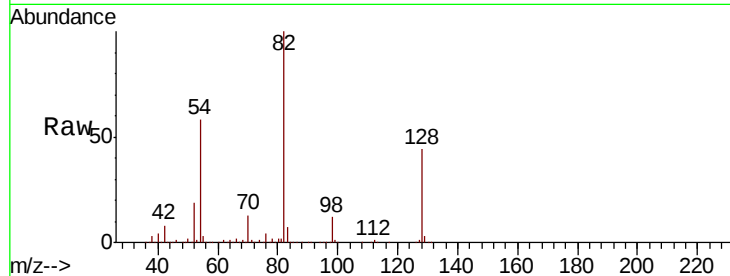




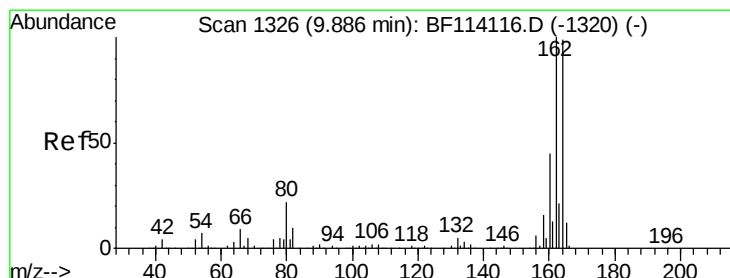
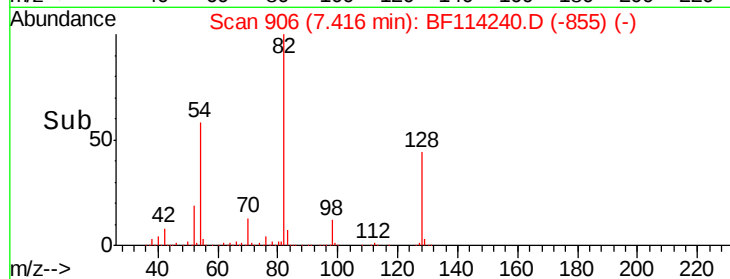
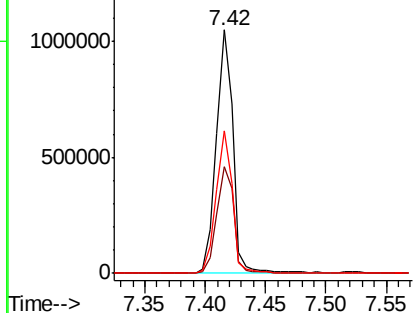
#23
Nitrobenzene-d5
Concen: 67.047 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Instrument :
BNA_F
ClientSampled :
S-3

Tot Ion	82	Resp	991194
Ion Ratio	100		
Lower		35.5	
Upper		53.3	
128	43.6		
54	58.4		
		48.5	72.7

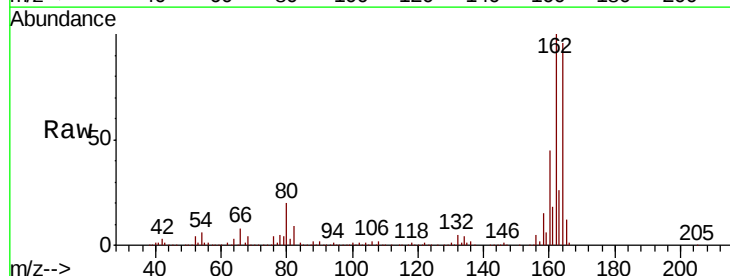


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

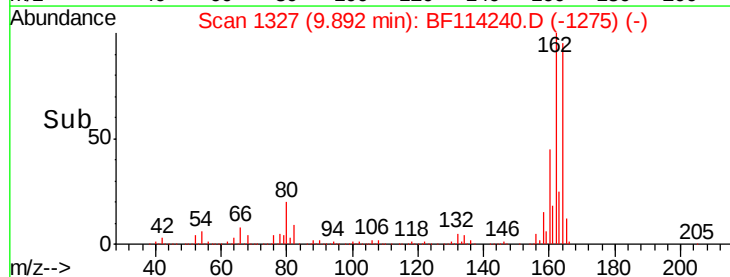
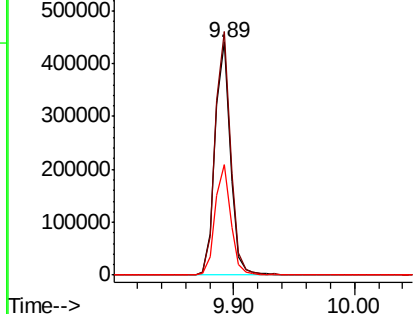


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Tgt Ion	164	Resp	382535
Ion Ratio	100		
Lower		80.6	
Upper		120.8	
162	104.6		
160	47.3		
		36.5	54.7



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

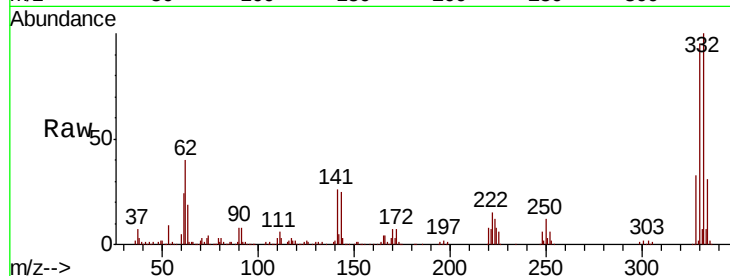




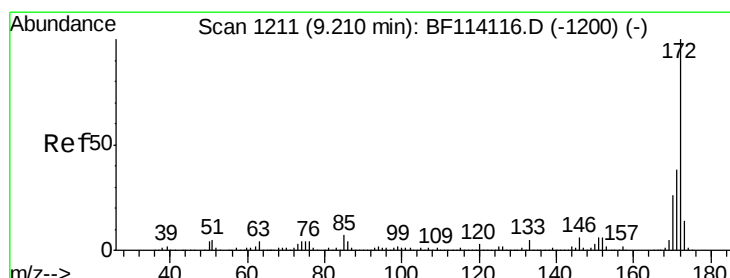
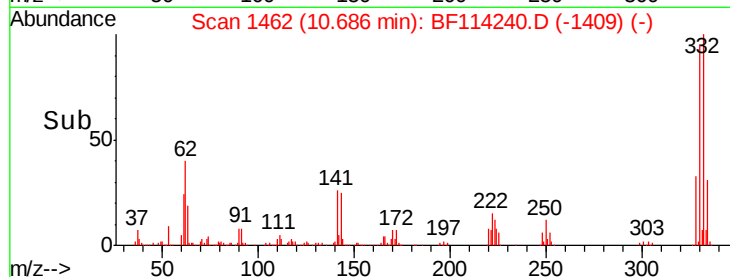
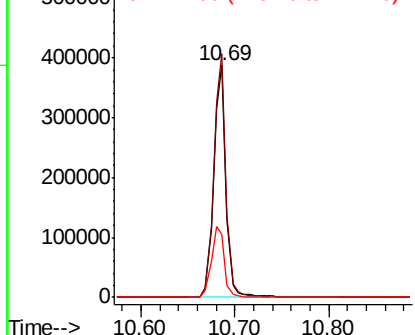
#42
 2,4,6-Tribromophenol
 Concen: 90.792 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.01 min
 Lab File: BF114240.D
 Acq: 13 May 2019 20:11

Instrument :
 BNA_F
 ClientSampled :
 S-3

Tot Ion:330 Resp: 359060
 Ion Ratio Lower Upper
 330 100
 332 105.0 81.4 122.2
 141 33.0 26.6 40.0

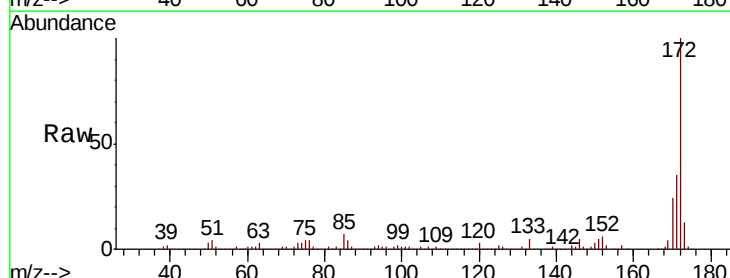


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

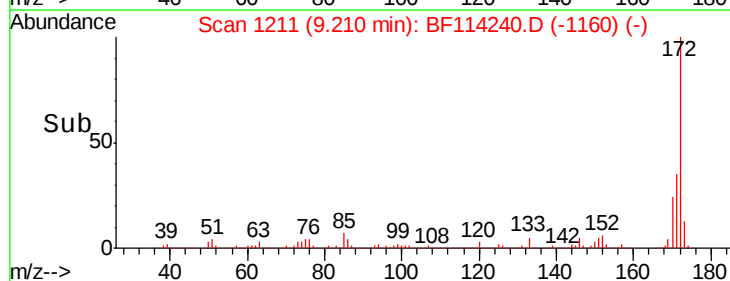
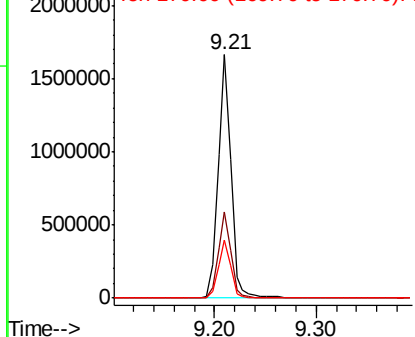


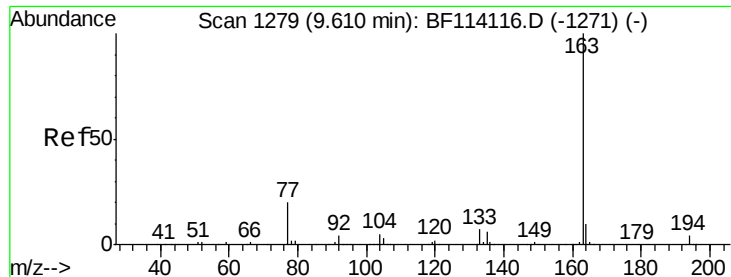
#45
 2-Fluorobiphenyl
 Concen: 58.045 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF114240.D
 Acq: 13 May 2019 20:11

Tgt Ion:172 Resp: 1467899
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.7 46.1
 170 23.9 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

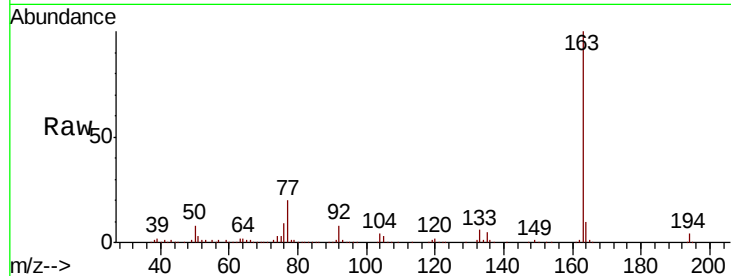




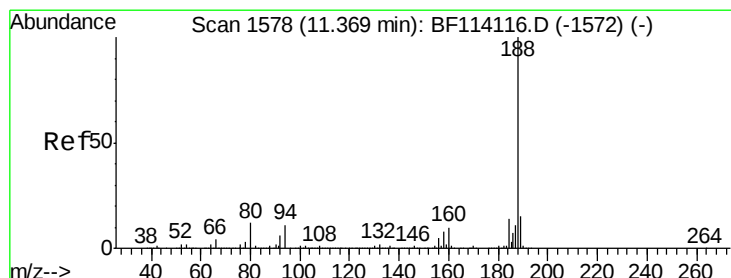
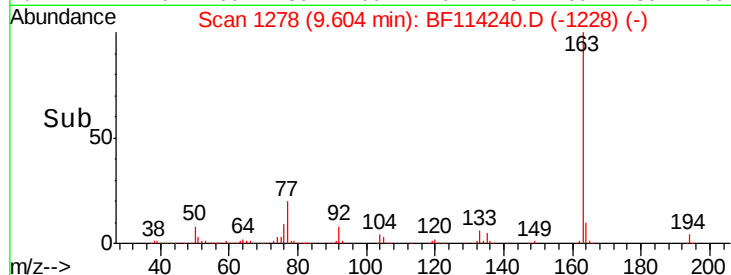
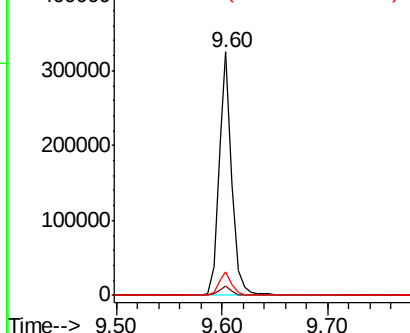
#50
Dimethylphthalate
Concen: 9.899 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Instrument :
BNA_F
ClientSampleId :
S-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.4	5.0
164	9.6	8.2	12.2

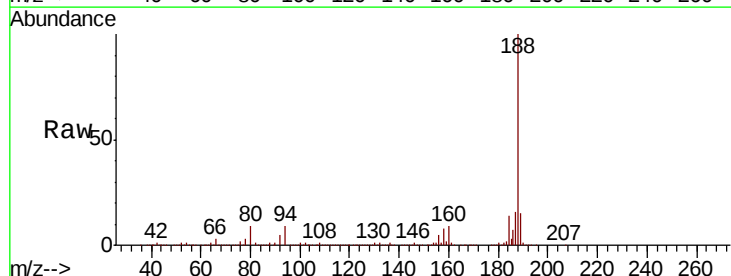


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

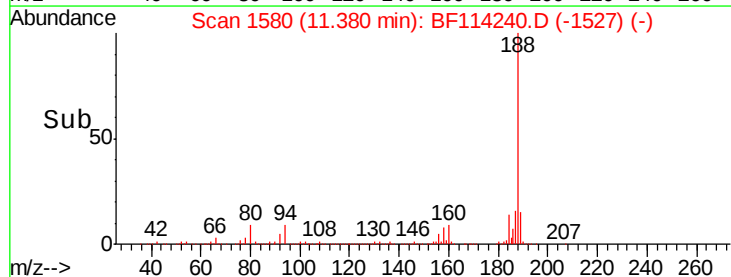
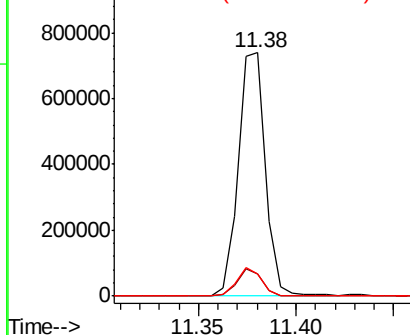


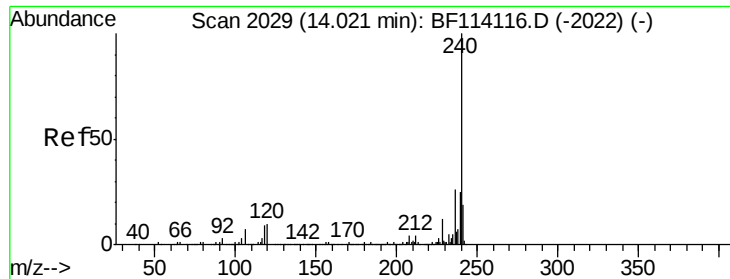
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.4	12.6
80	9.3	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

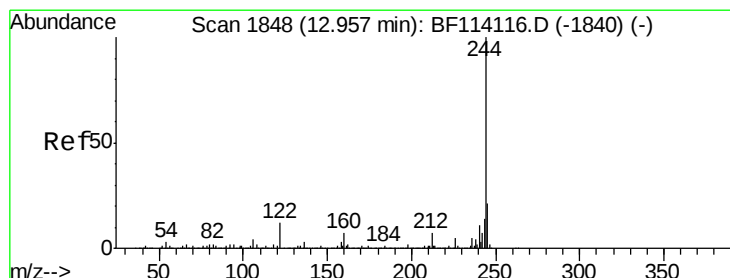
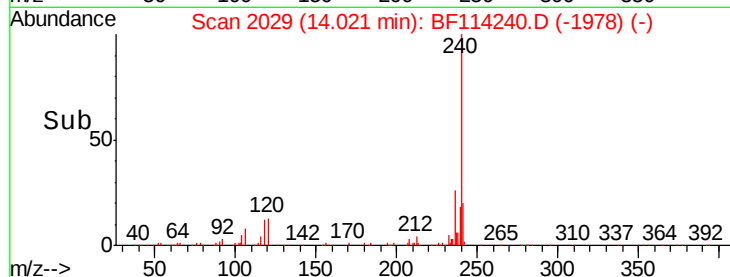
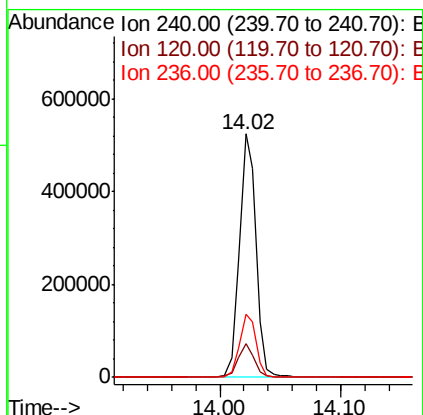
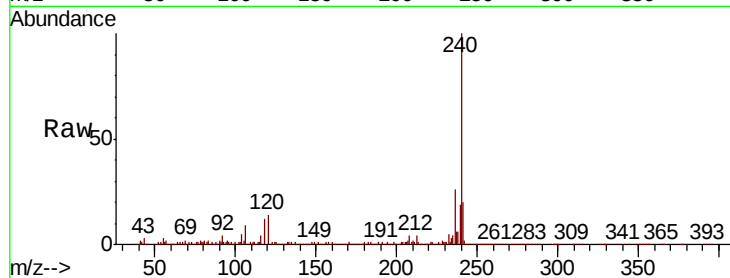




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

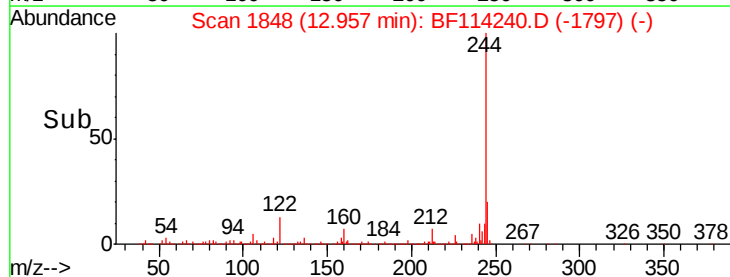
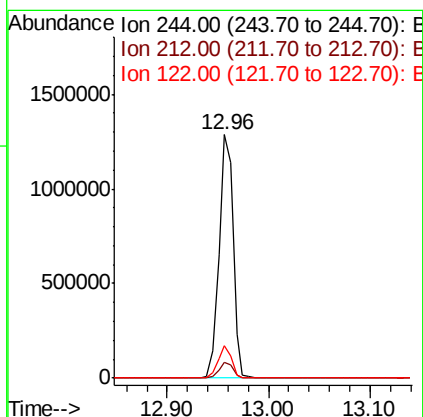
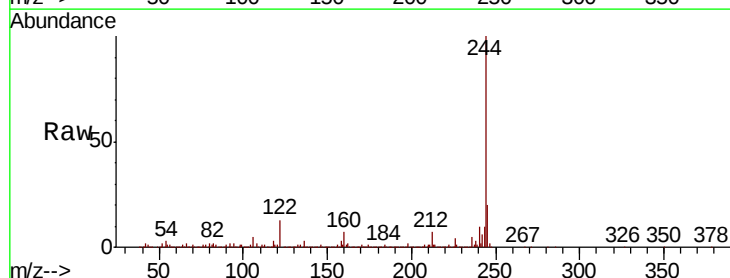
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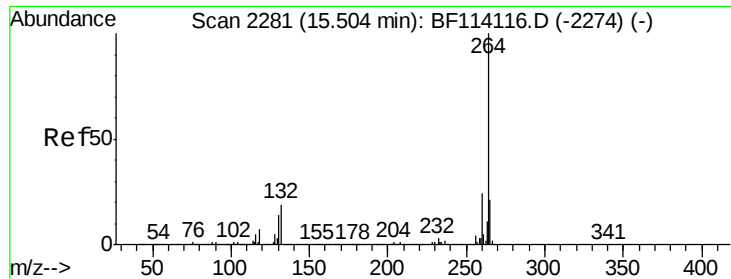
Tot Ion:240 Resp: 500862
Ion Ratio Lower Upper
240 100
120 13.7 8.3 12.5#
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 50.876 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Tgt Ion:244 Resp: 1236113
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 13.1 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.02 min
Lab File: BF114240.D
Acq: 13 May 2019 20:11

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.1	16.9	25.3

