

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122420\
 Data File : BF122862.D
 Acq On : 24 Dec 2020 18:44
 Operator : JU/CG
 Sample : L5207-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Dec 25 00:07:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

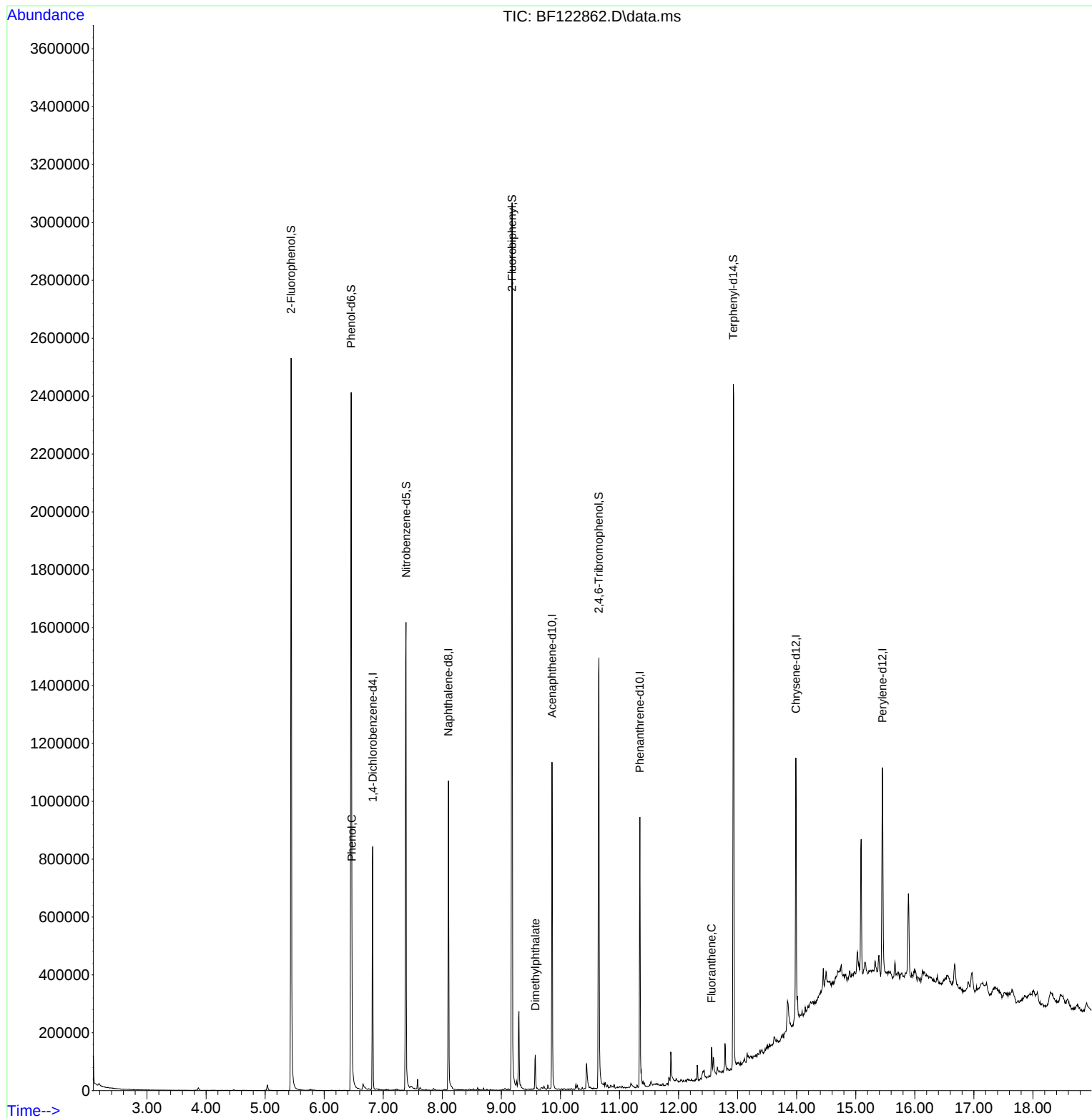
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	131145	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	474235	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	222345	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	336405	20.00	ng	0.00
76) Chrysene-d12	13.986	240	337237	20.00	ng	0.00
86) Perylene-d12	15.451	264	346158	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	754329	91.06	ng	0.00
7) Phenol-d6	6.457	99	896292	81.58	ng	0.00
23) Nitrobenzene-d5	7.386	82	562405	59.42	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	223046	76.64	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	992567	60.38	ng	0.00
79) Terphenyl-d14	12.927	244	829144	43.04	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.469	94	130304	11.45	ng	89
50) Dimethylphthalate	9.575	163	55864	3.15	ng	99
75) Fluoranthene	12.557	202	43479	2.07	ng	97

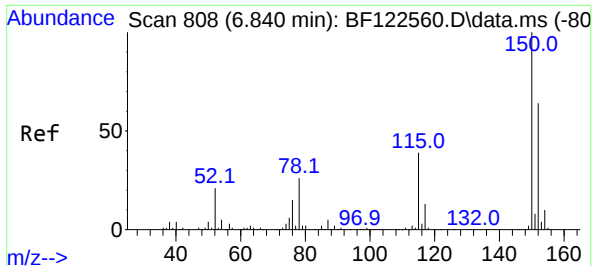
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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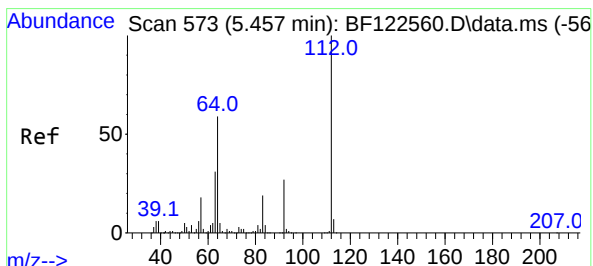
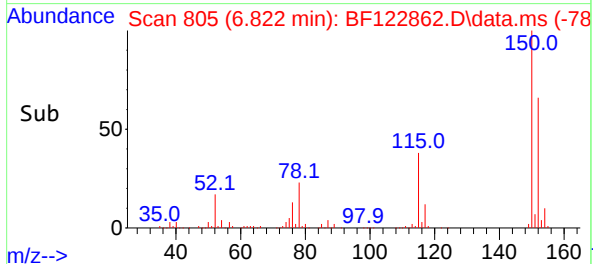
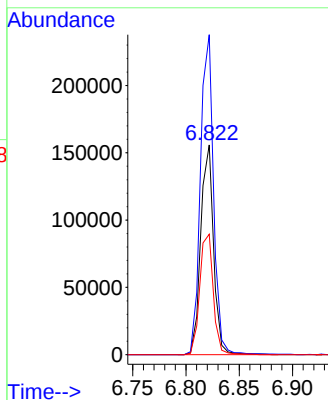
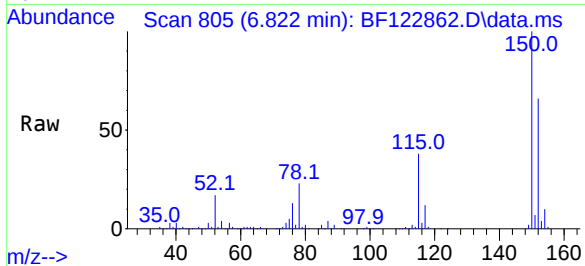




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

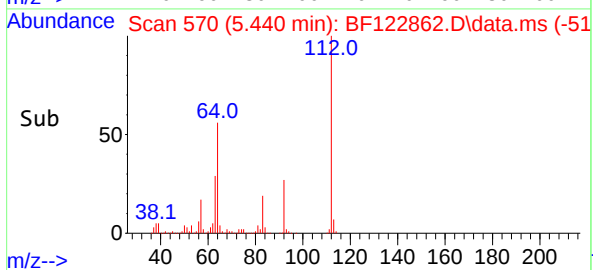
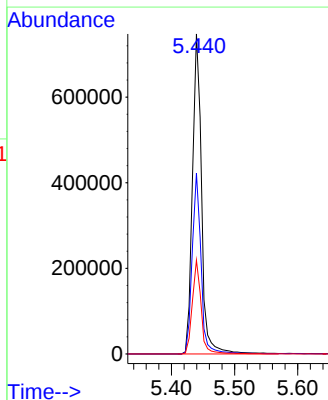
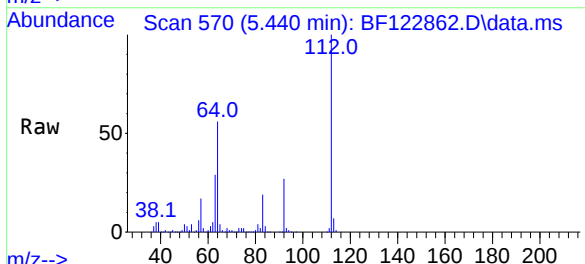
Instrument :
BNA_F
ClientSampled :
SP-1

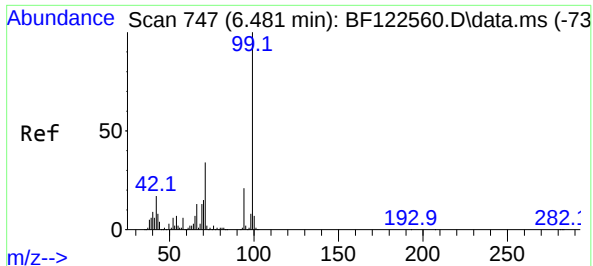
Tgt Ion:152 Resp: 131145
Ion Ratio Lower Upper
152 100
150 152.5 125.8 188.6
115 57.4 49.3 73.9



#5
2-Fluorophenol
Concen: 91.06 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:112 Resp: 754329
Ion Ratio Lower Upper
112 100
64 56.5 46.9 70.3
63 29.3 24.5 36.7



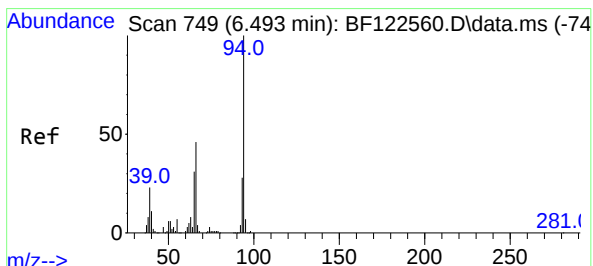
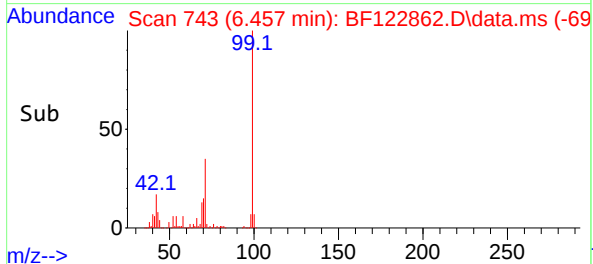
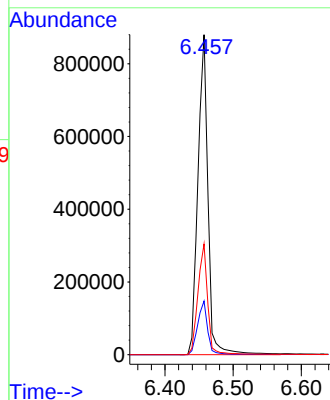
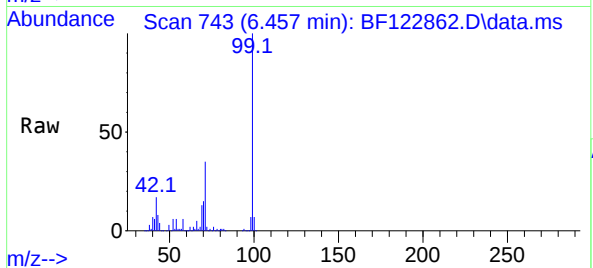


#7
Phenol-d6
Concen: 81.58 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 99 Resp: 896292

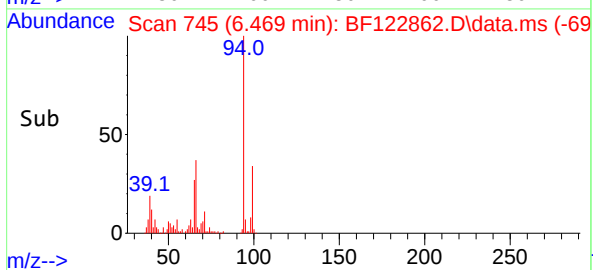
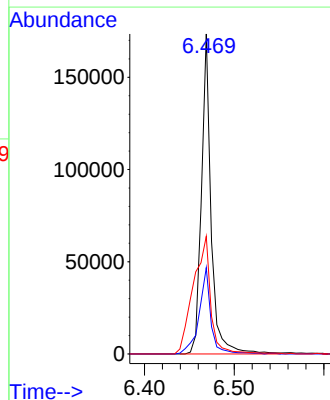
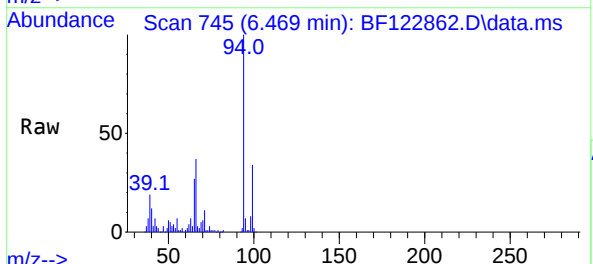
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	34.6	26.9	40.3

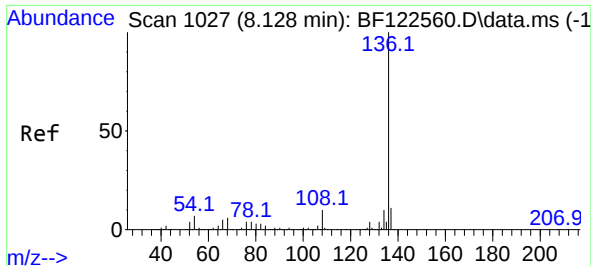


#10
Phenol
Concen: 11.45 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion: 94 Resp: 130304

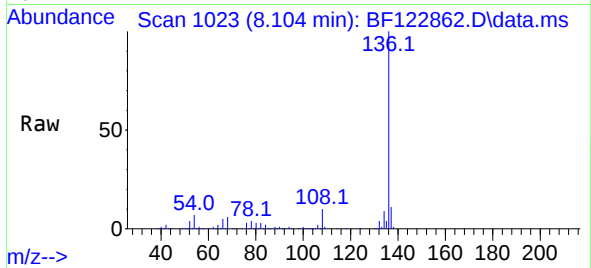
Ion	Ratio	Lower	Upper
94	100		
65	26.9	11.2	51.2
66	36.7	25.8	65.8



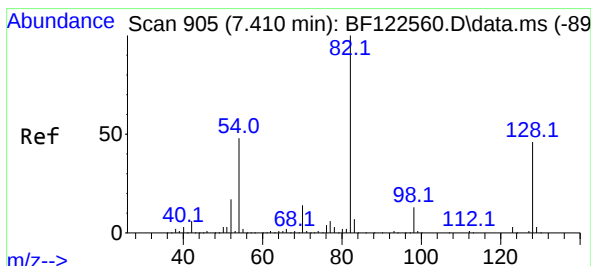
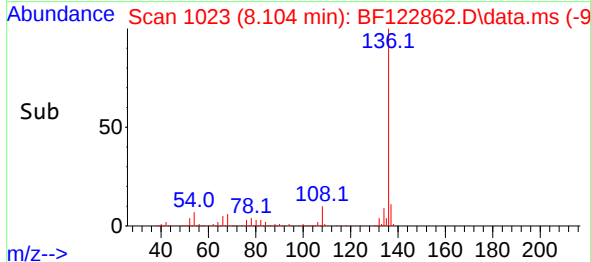
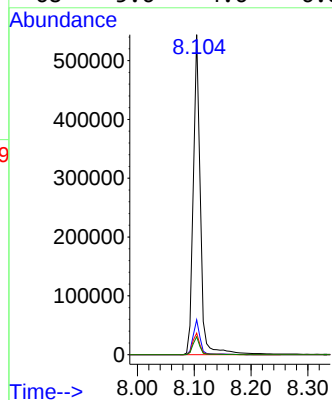


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Instrument :
BNA_F
ClientSampled :
SP-1

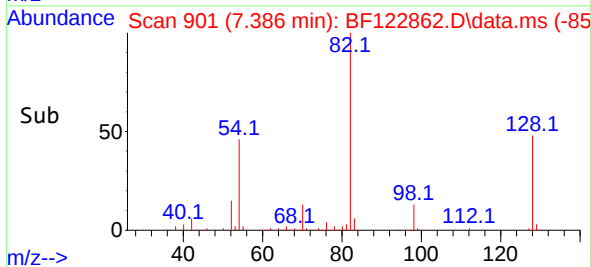
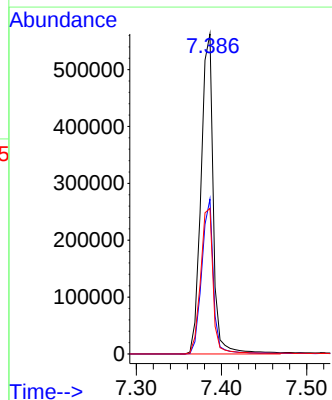
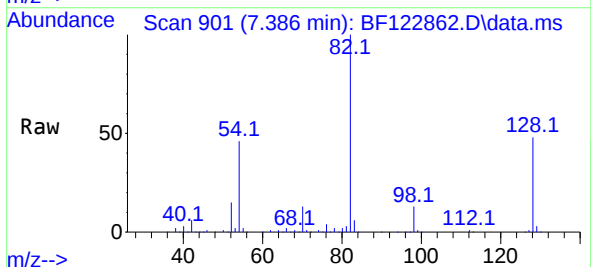


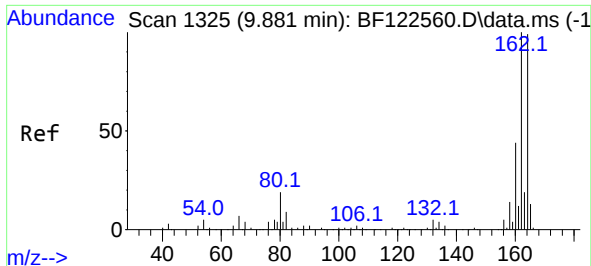
Tgt Ion:136 Resp: 474235
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.7 5.5 8.3
68 5.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 59.42 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion: 82 Resp: 562405
Ion Ratio Lower Upper
82 100
128 48.4 37.0 55.4
54 45.5 38.4 57.6

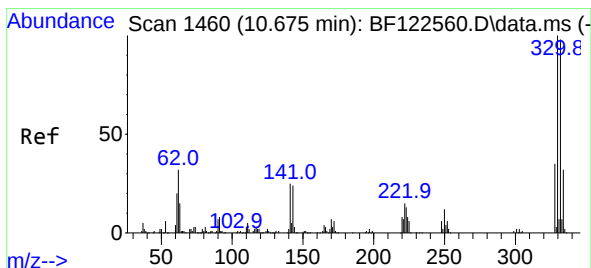
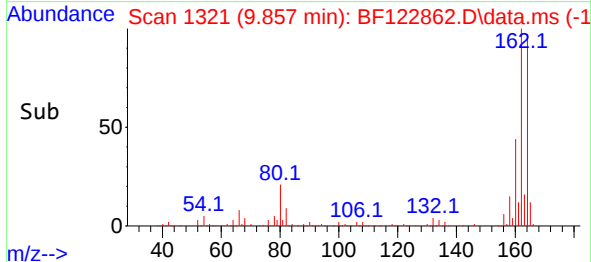
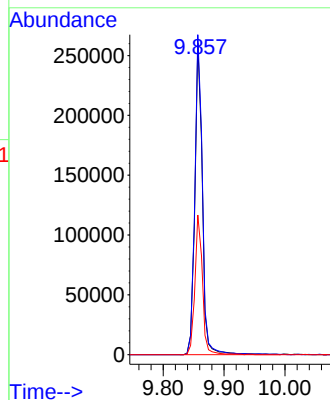
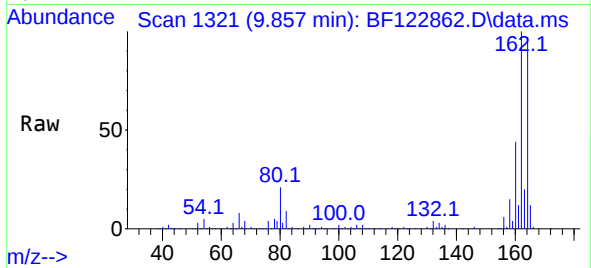




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

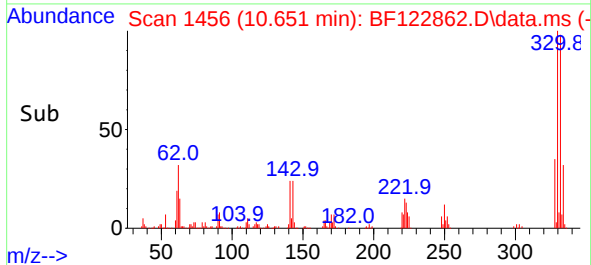
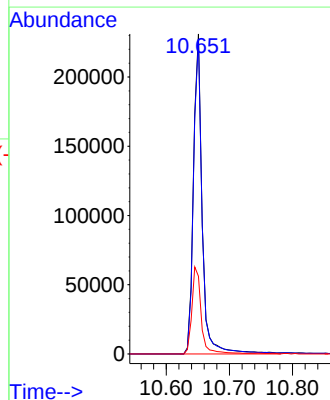
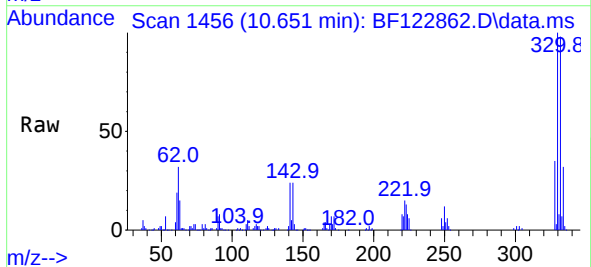
Instrument :
BNA_F
ClientSampled :
SP-1

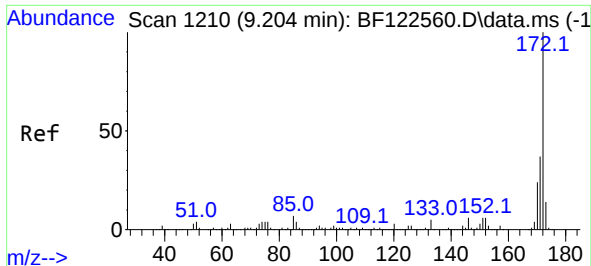
Tgt Ion:164 Resp: 222345
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 76.64 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:330 Resp: 223046
Ion Ratio Lower Upper
330 100
332 97.7 77.5 116.3
141 28.9 23.8 35.8

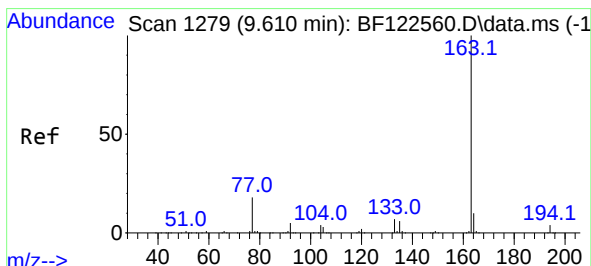
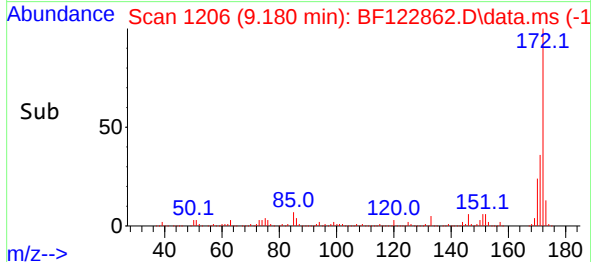
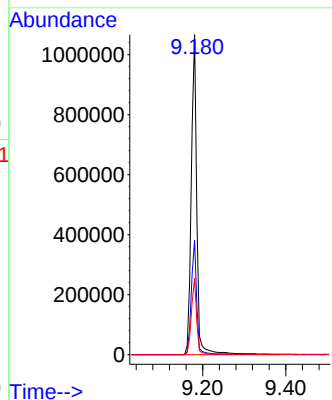
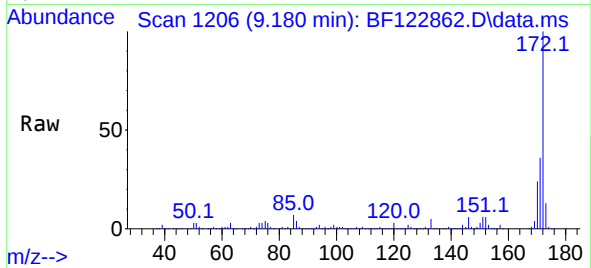




#45
2-Fluorobiphenyl
Concen: 60.38 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

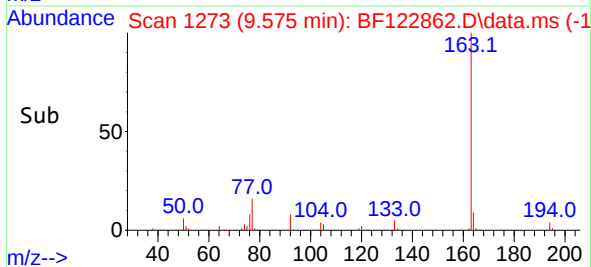
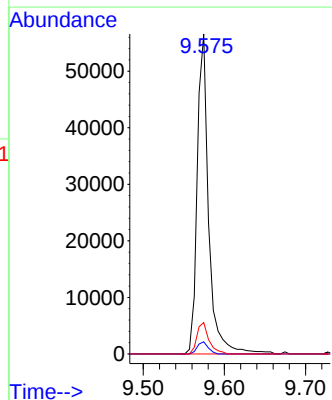
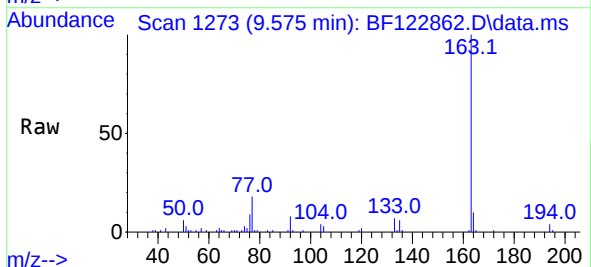
Instrument :
BNA_F
ClientSampleId :
SP-1

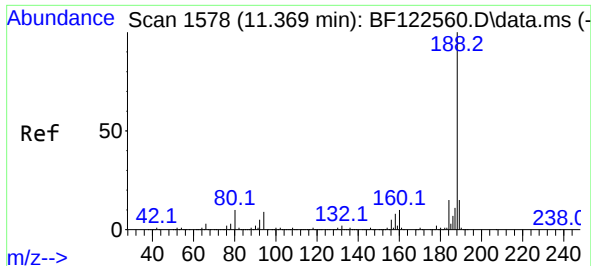
Tgt Ion:172 Resp: 992567
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.8 19.5 29.3



#50
Dimethylphthalate
Concen: 3.15 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:163 Resp: 55864
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.8 8.1 12.1

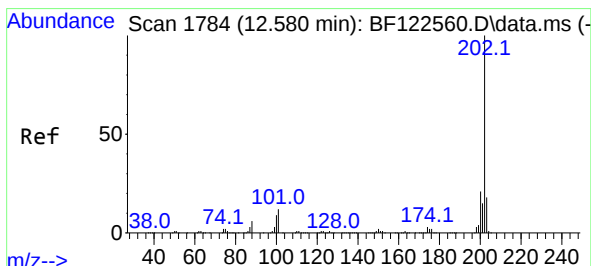
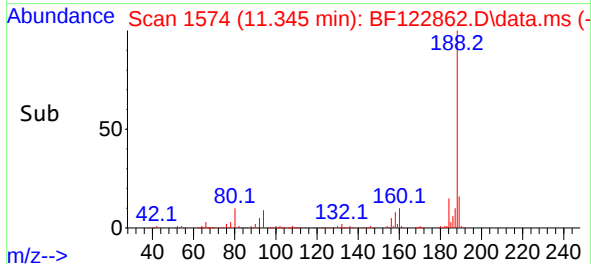
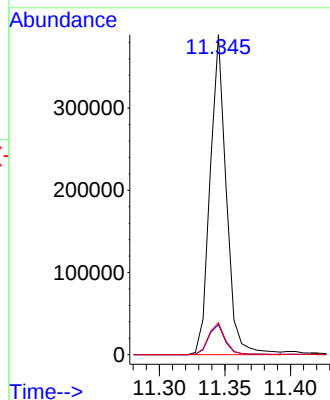
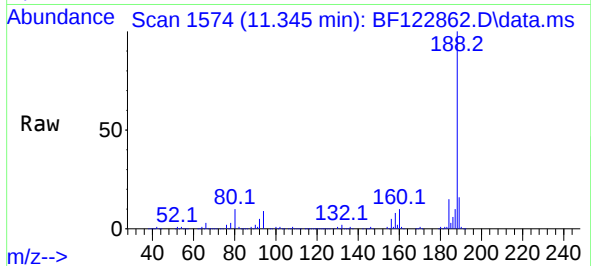




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

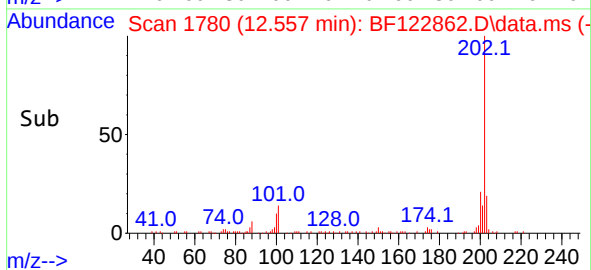
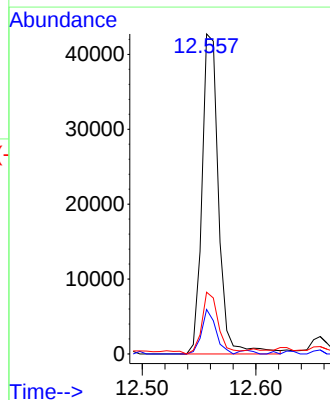
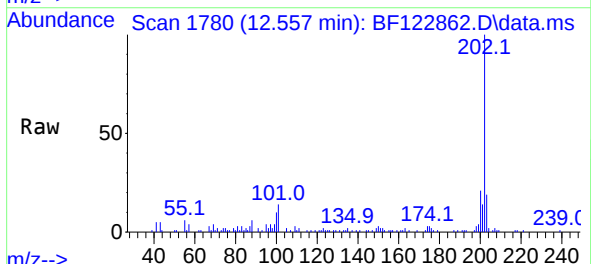
Instrument :
BNA_F
ClientSampled :
SP-1

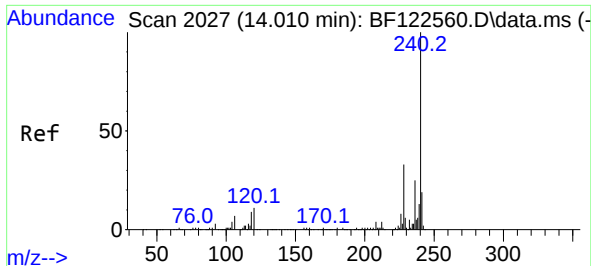
Tgt Ion:188 Resp: 336405
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.0 8.2 12.4



#75
Fluoranthene
Concen: 2.07 ng
RT: 12.557 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:202 Resp: 43479
Ion Ratio Lower Upper
202 100
101 13.9 0.0 32.2
203 19.3 0.0 38.1

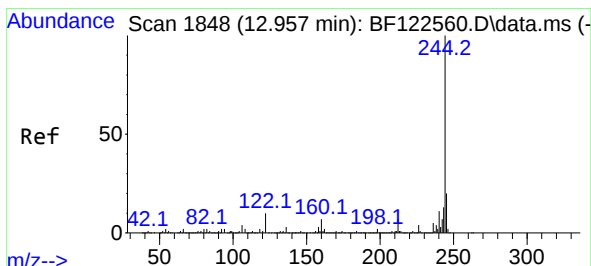
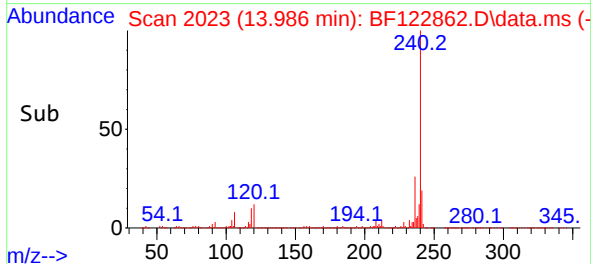
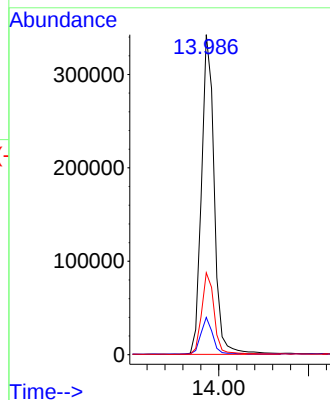
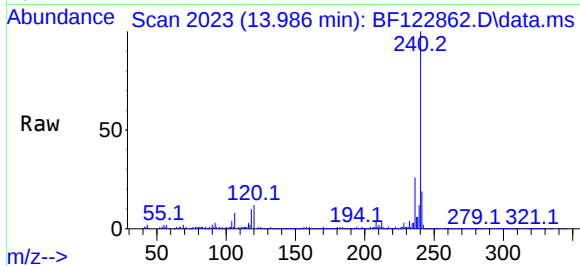




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

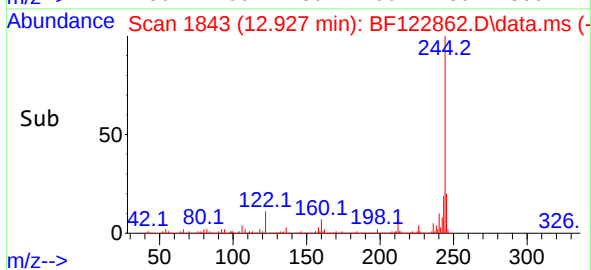
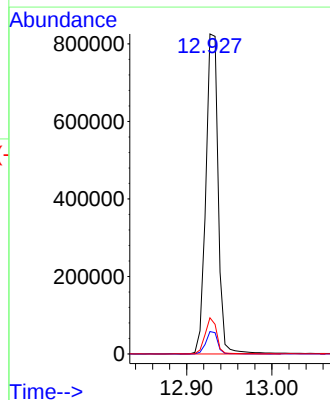
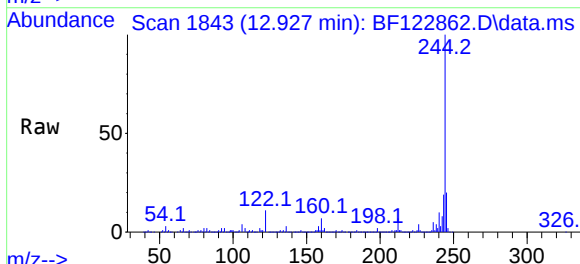
Instrument :
BNA_F
ClientSampleId :
SP-1

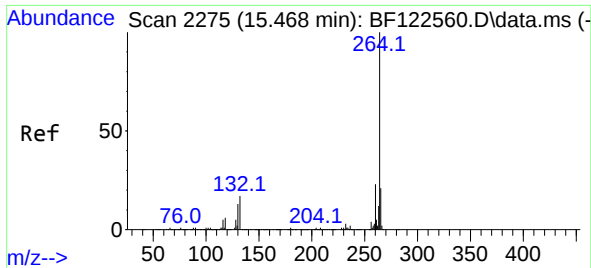
Tgt Ion:240 Resp: 337237
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.6 20.3 30.5



#79
Terphenyl-d14
Concen: 43.04 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122862.D
Acq: 24 Dec 2020 18:44

Tgt Ion:244 Resp: 829144
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.3 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.012 min
 Lab File: BF122862.D
 Acq: 24 Dec 2020 18:44

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:264	Resp:	346158
Ion	Ratio	Lower Upper
264	100	
260	24.1	18.6 28.0
265	22.6	17.0 25.6

