

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124977.D
 Acq On : 7 Aug 2021 16:46
 Operator : JU/CG
 Sample : M3297-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121

Quant Time: Aug 07 18:05:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

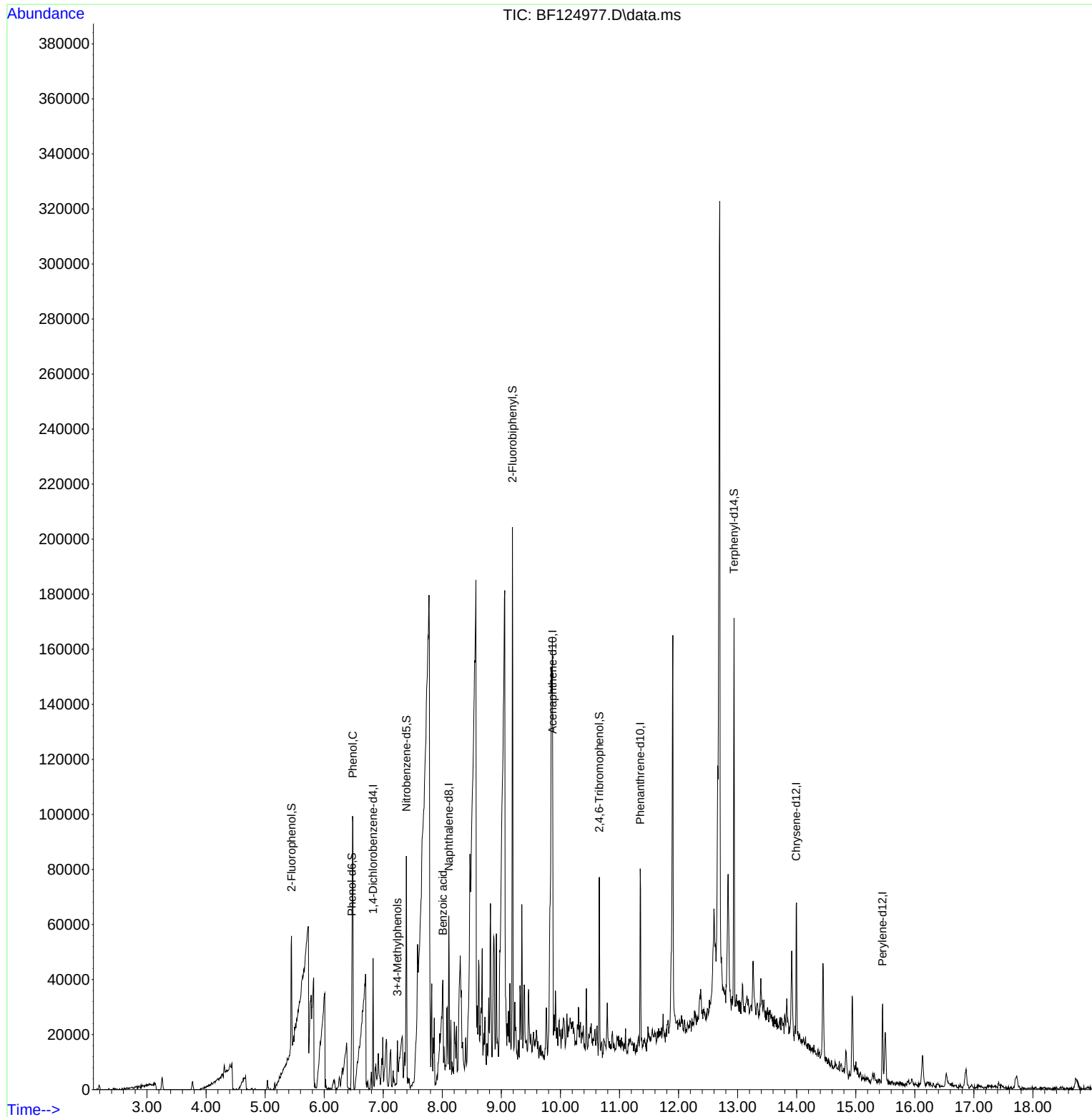
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6342	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	24172	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	14321	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	20732	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	13090	20.000	ng	0.00
86) Perylene-d12	15.451	264	13343	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	11061	28.570	ng	0.00
7) Phenol-d6	6.469	99	9341	19.135	ng	0.00
23) Nitrobenzene-d5	7.392	82	23462	50.776	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	5710	44.629	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	47177	48.203	ng	0.00
79) Terphenyl-d14	12.939	244	36331	46.817	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.487	94	34451	68.396	ng	99
20) 3+4-Methylphenols	7.239	107	1537	3.642	ng	# 71
32) Benzoic acid	8.010	122	11509	58.422	ng	84

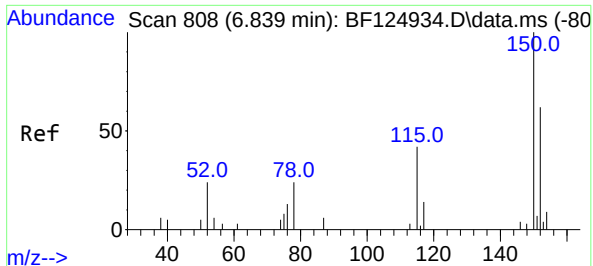
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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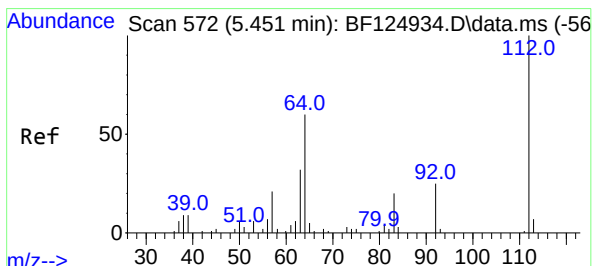
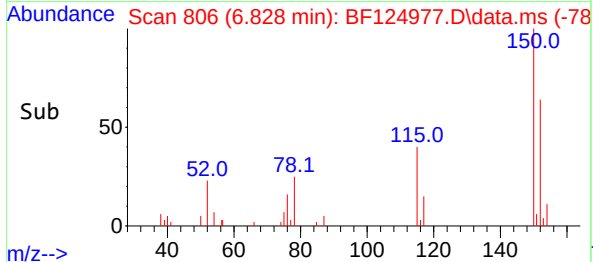
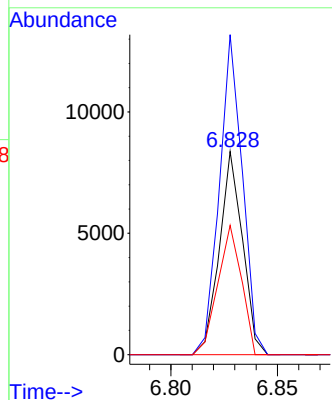
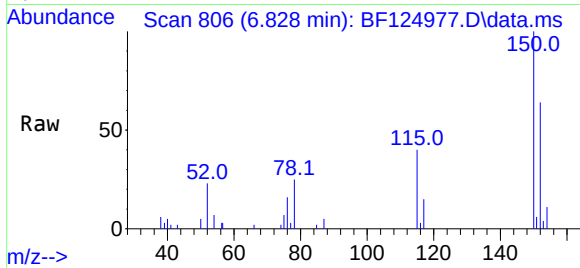




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

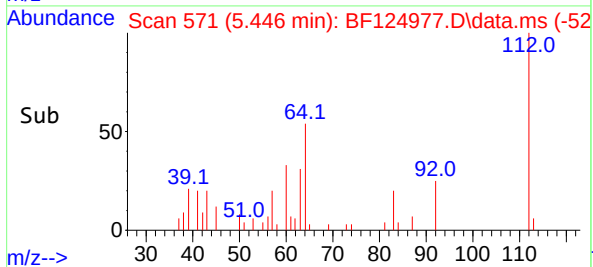
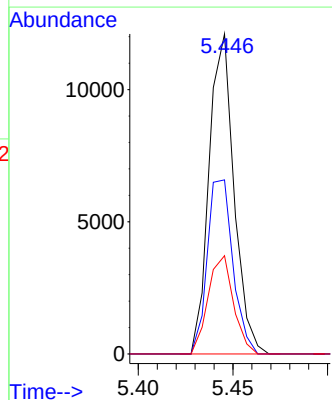
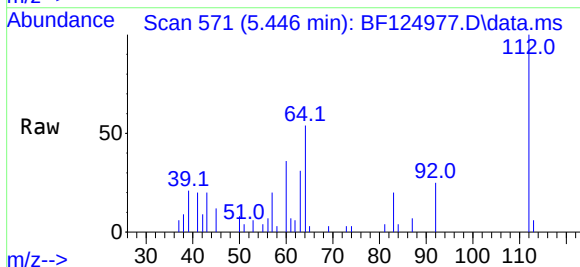
Instrument :
BNA_F
ClientSampleId :
121

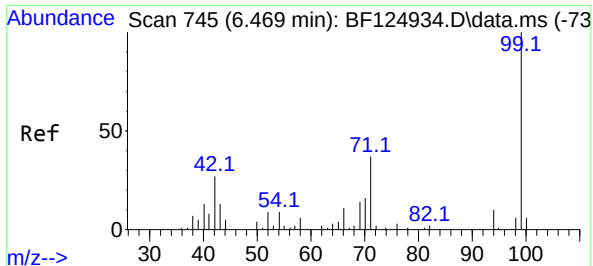
Tgt Ion:152 Resp: 6342
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 63.7 47.1 70.7



#5
2-Fluorophenol
Concen: 28.570 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:112 Resp: 11061
Ion Ratio Lower Upper
112 100
64 54.4 44.2 66.2
63 30.7 26.2 39.2

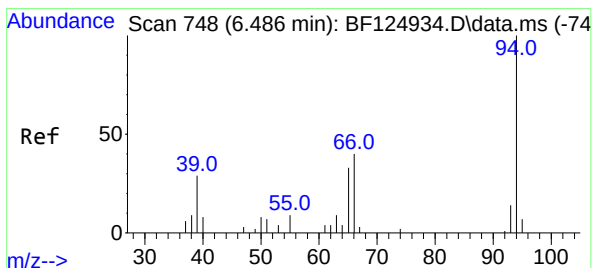
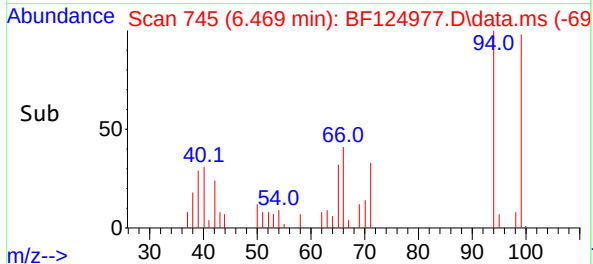
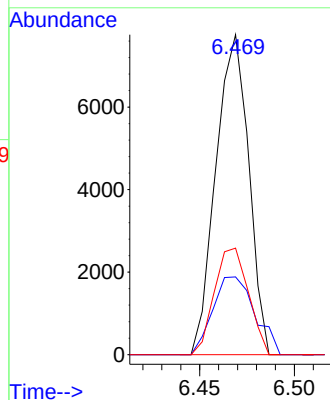
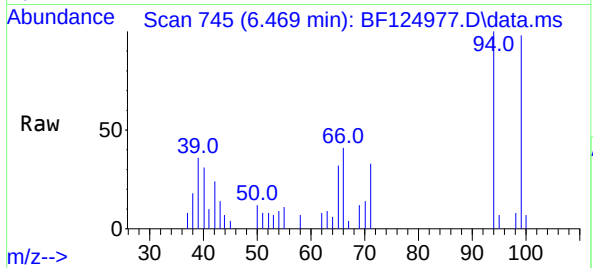




#7
Phenol-d6
Concen: 19.135 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

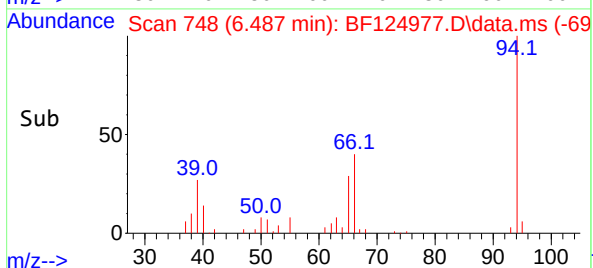
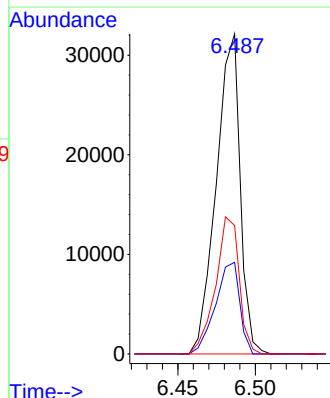
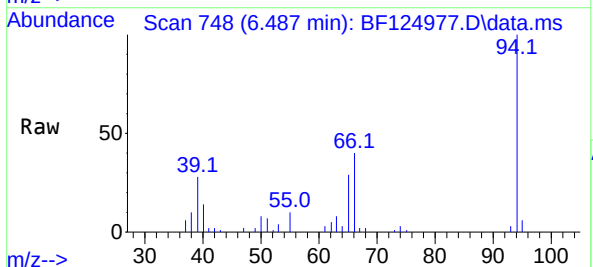
Instrument :
BNA_F
ClientSampled :
121

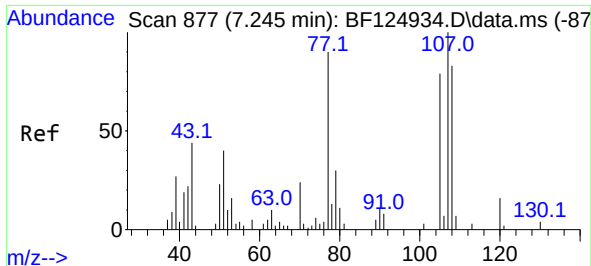
Tgt Ion: 99 Resp: 9341
Ion Ratio Lower Upper
99 100
42 24.3 23.5 35.3
71 33.3 25.6 38.4



#10
Phenol
Concen: 68.396 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.012 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion: 94 Resp: 34451
Ion Ratio Lower Upper
94 100
65 28.6 9.3 49.3
66 40.2 20.3 60.3





#20

3+4-Methylphenols

Concen: 3.642 ng

RT: 7.239 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF124977.D

Acq: 7 Aug 2021 16:46

Tgt Ion:107 Resp: 1537

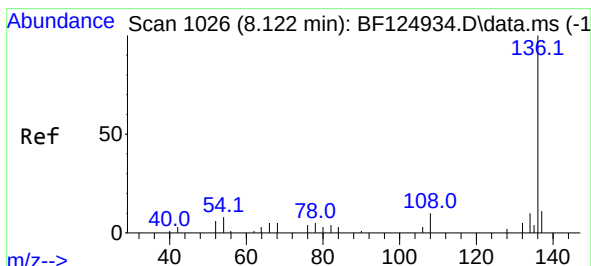
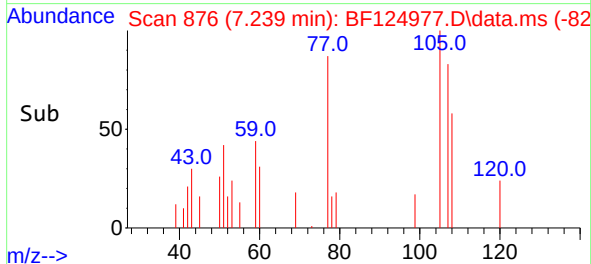
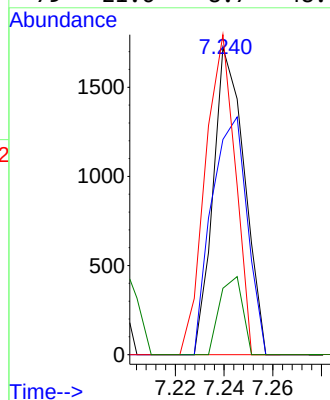
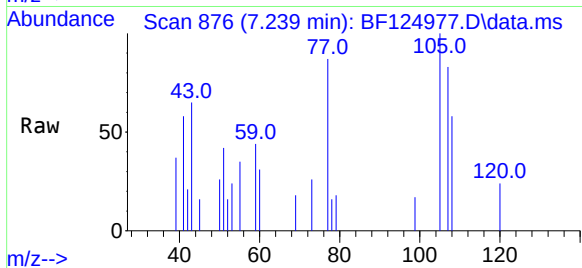
Ion Ratio Lower Upper

107 100

108 70.1 76.6 116.6#

77 104.2 53.3 93.3#

79 21.6 8.7 48.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF124977.D

Acq: 7 Aug 2021 16:46

Tgt Ion:136 Resp: 24172

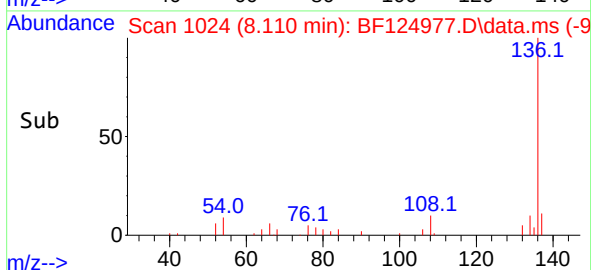
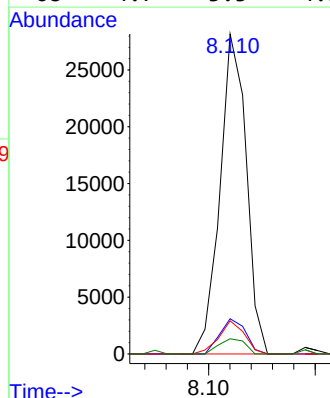
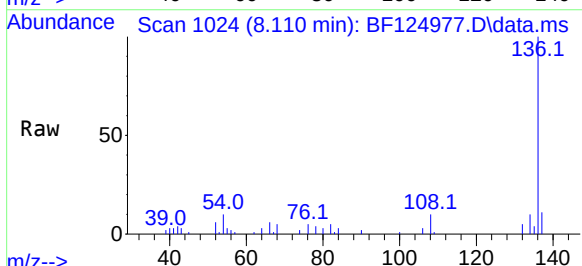
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.6

54 10.3 6.4 9.6#

68 4.7 3.3 4.9

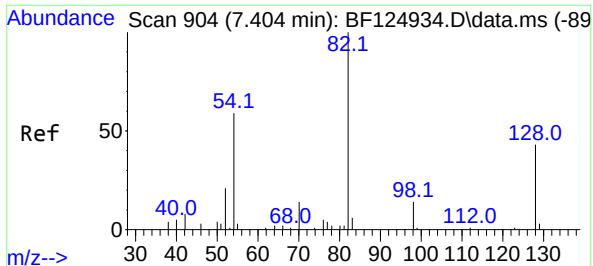


Instrument :

BNA_F

ClientSampled :

121



#23

Nitrobenzene-d5

Concen: 50.776 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF124977.D

Acq: 7 Aug 2021 16:46

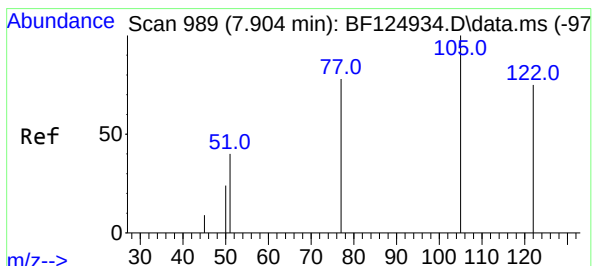
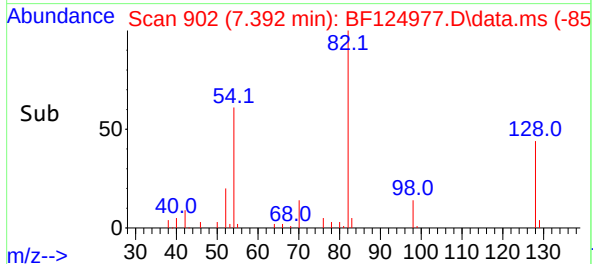
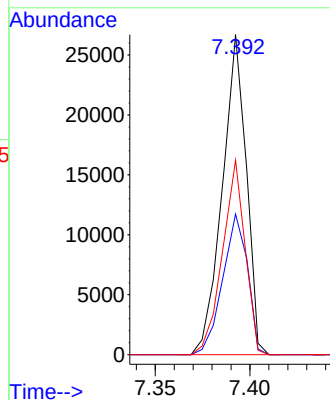
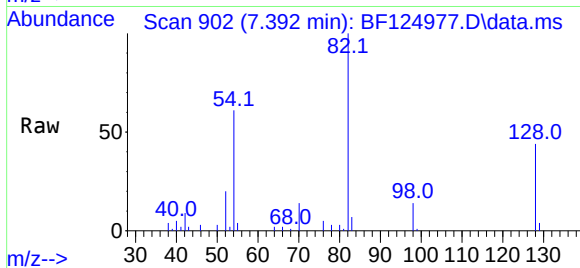
Tgt Ion: 82 Resp: 23462

Ion Ratio Lower Upper

82 100

128 44.0 40.6 60.8

54 60.8 49.6 74.4



#32

Benzoic acid

Concen: 58.422 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.112 min

Lab File: BF124977.D

Acq: 7 Aug 2021 16:46

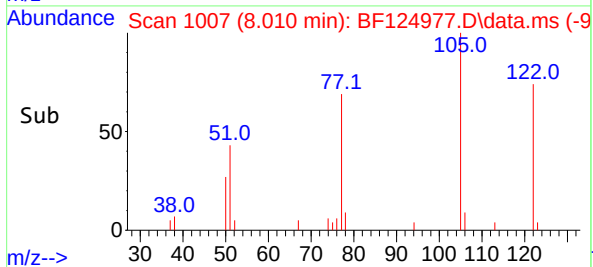
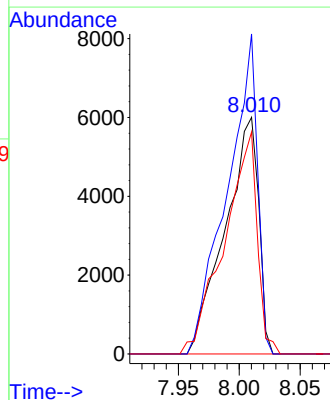
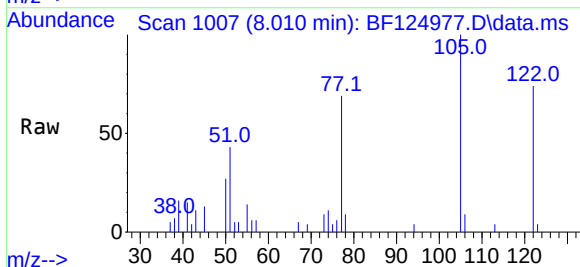
Tgt Ion:122 Resp: 11509

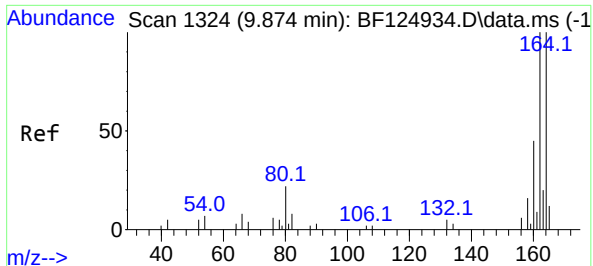
Ion Ratio Lower Upper

122 100

105 135.2 97.6 137.6

77 93.8 59.6 99.6

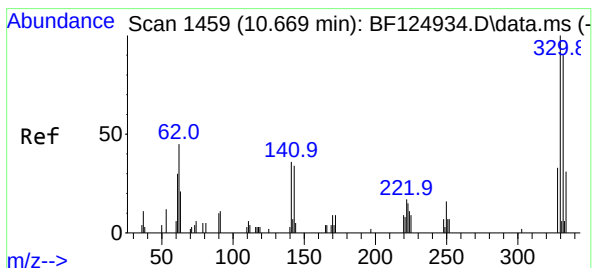
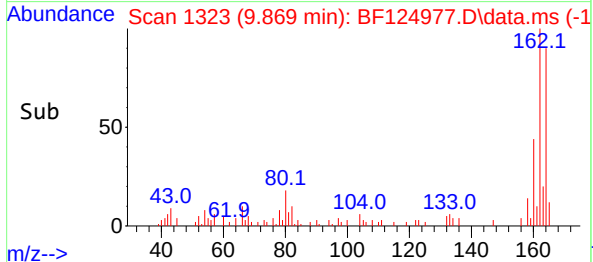
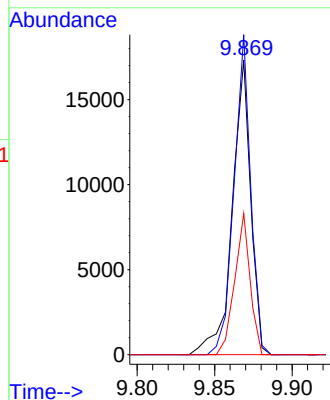
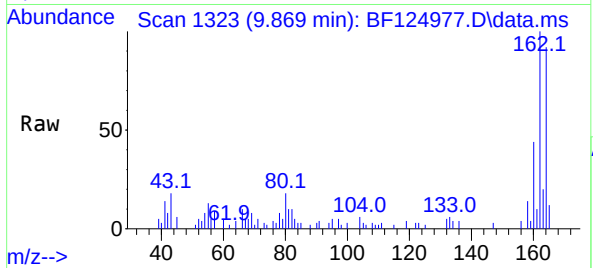




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

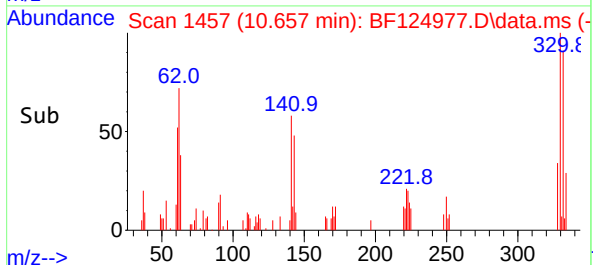
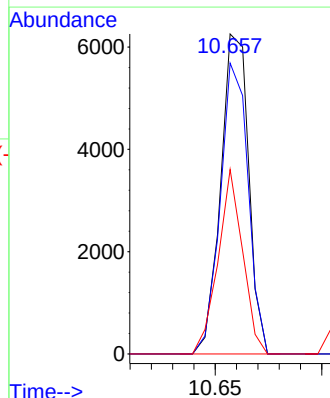
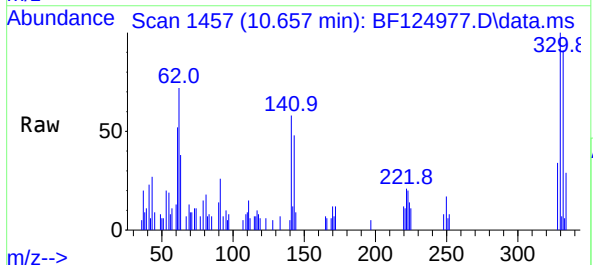
Instrument :
BNA_F
ClientSampled :
121

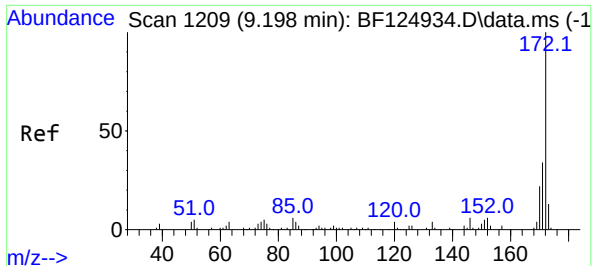
Tgt Ion:164 Resp: 14321
Ion Ratio Lower Upper
164 100
162 108.6 81.3 121.9
160 48.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 44.629 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:330 Resp: 5710
Ion Ratio Lower Upper
330 100
332 90.4 76.2 114.4
141 50.8 44.6 66.8

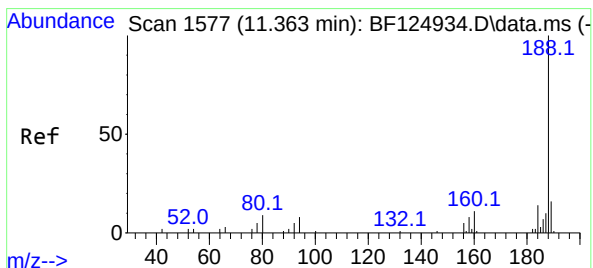
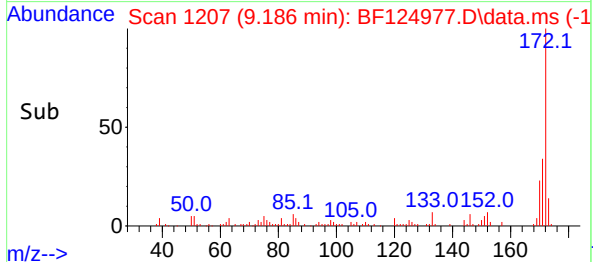
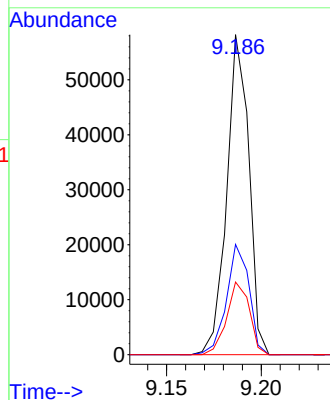
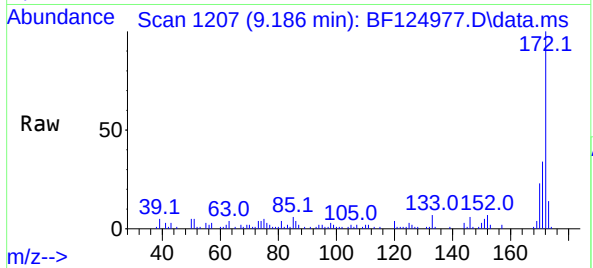




#45
2-Fluorobiphenyl
Concen: 48.203 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

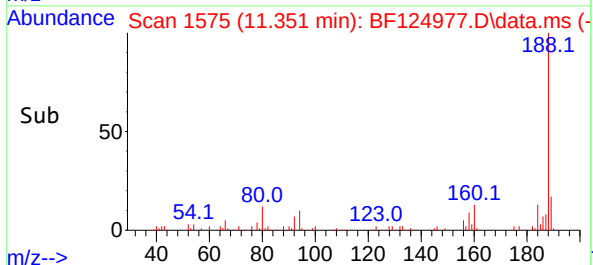
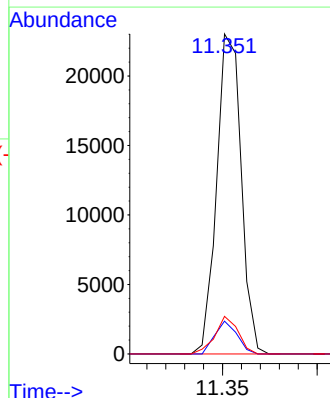
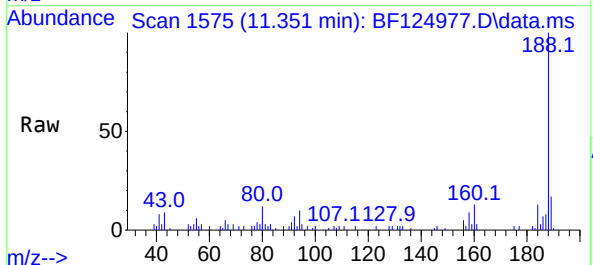
Instrument :
BNA_F
ClientSampled :
121

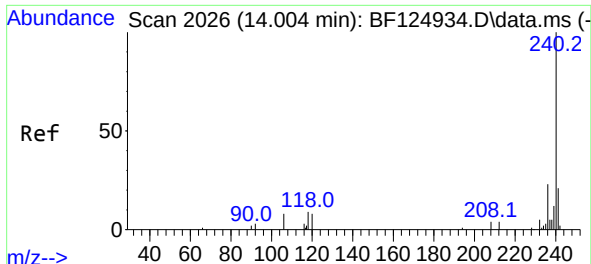
Tgt Ion:172 Resp: 47177
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 22.7 18.8 28.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:188 Resp: 20732
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 11.7 7.5 11.3#

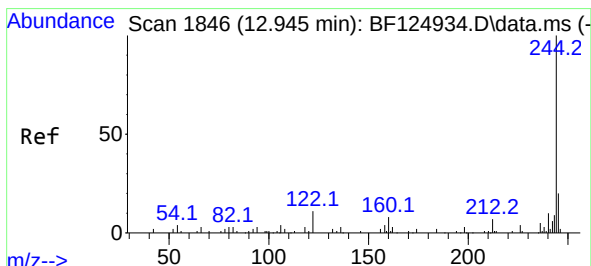
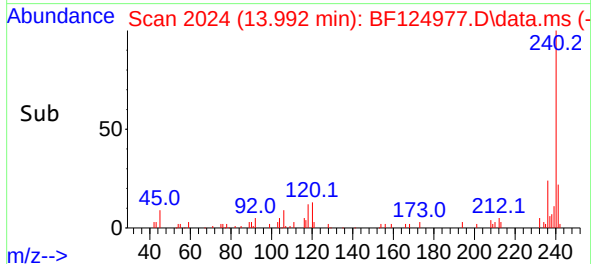
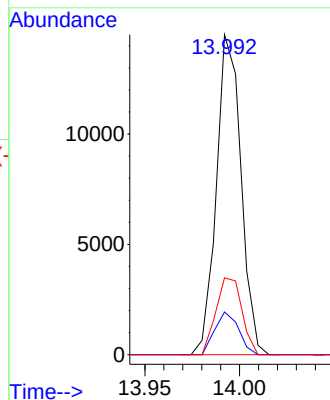
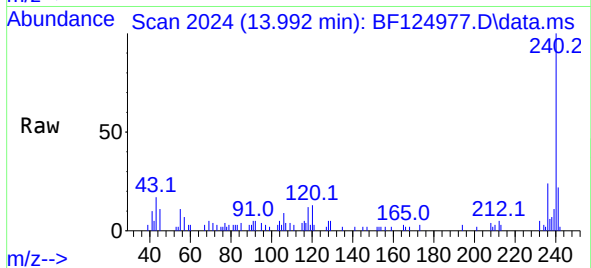




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

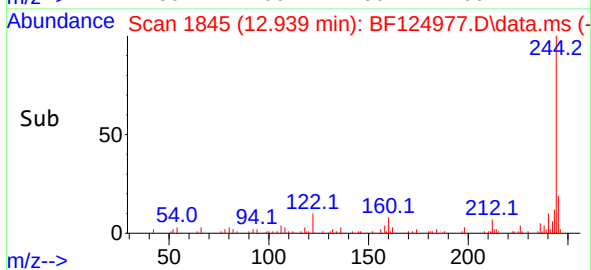
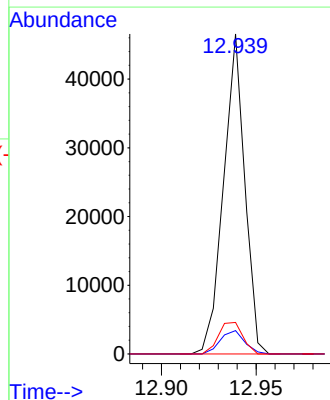
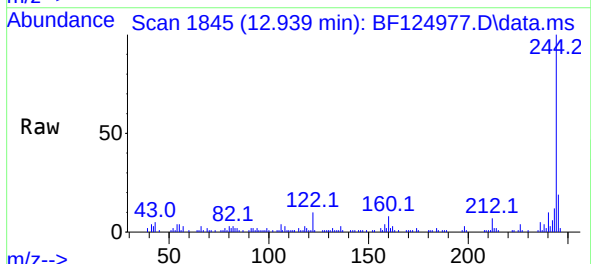
Instrument :
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ClientSampleId :
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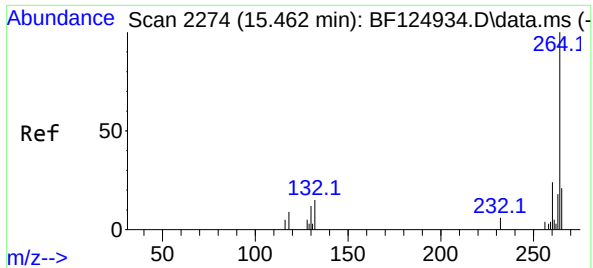
Tgt Ion:240 Resp: 13090
Ion Ratio Lower Upper
240 100
120 13.4 10.8 16.2
236 24.0 21.6 32.4



#79
Terphenyl-d14
Concen: 46.817 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:244 Resp: 36331
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.9 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.006 min
 Lab File: BF124977.D
 Acq: 7 Aug 2021 16:46

Instrument :
 BNA_F
 ClientSampleId :
 121

Tgt Ion:264	Resp:	13343
Ion Ratio	Lower	Upper
264	100	
260	18.9	19.6 29.4#
265	23.1	17.2 25.8

