

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124986.D
 Acq On : 7 Aug 2021 21:42
 Operator : JU/CG
 Sample : M3297-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 128

Quant Time: Aug 08 09:11:13 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)

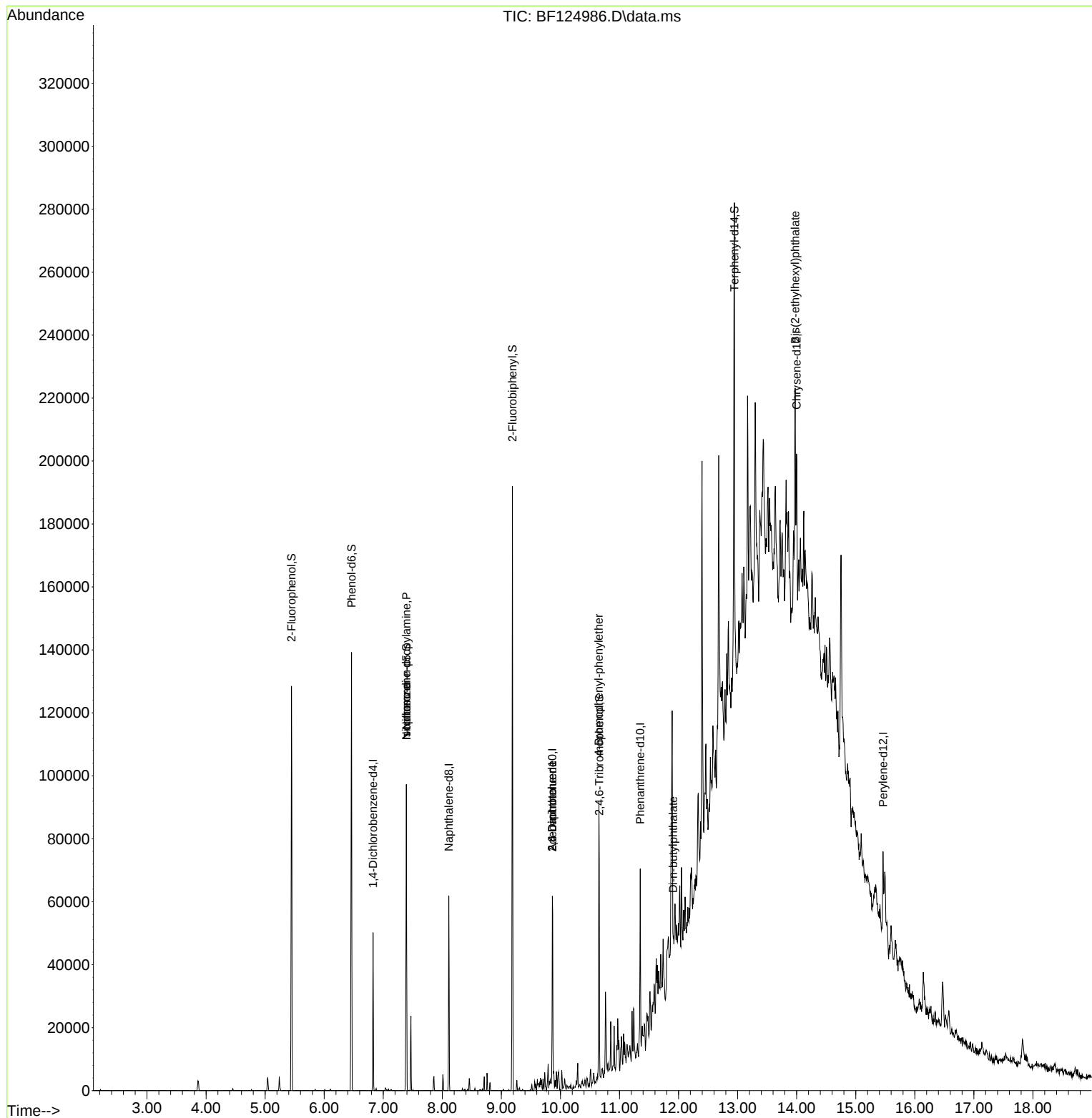
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6560	20.00	ng	0.00
21) Naphthalene-d8	8.110	136	23570	20.00	ng	0.00
39) Acenaphthene-d10	9.863	164	11978	20.00	ng	0.00
64) Phenanthrene-d10	11.351	188	17839	20.00	ng	0.00
76) Chrysene-d12	13.998	240	12811	20.00	ng	0.00
86) Perylene-d12	15.462	264	9745	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	32404	80.92	ng	0.00
7) Phenol-d6	6.463	99	41214	81.62	ng	0.00
23) Nitrobenzene-d5	7.392	82	26536	58.90	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	8434	78.81	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	51319	62.69	ng	0.00
79) Terphenyl-d14	12.945	244	41206	54.26	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	3349	11.18	ng	# 73
25) Isophorone	7.392	82	26535	34.51	ng	# 59
51) 2,6-Dinitrotoluene	9.863	165	1523	8.43	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	1523	6.21	ng	# 18
67) 4-Bromophenyl-phenylether	10.651	248	517	2.65	ng	# 1
74) Di-n-butylphthalate	11.910	149	3041	2.69	ng	# 85
84) Bis(2-ethylhexyl)phtha...	13.974	149	11105	17.83	ng	94

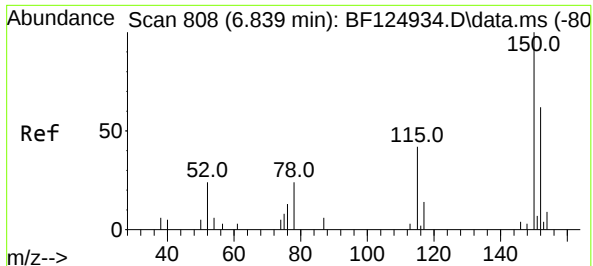
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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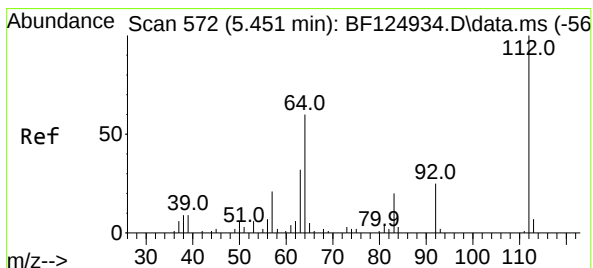
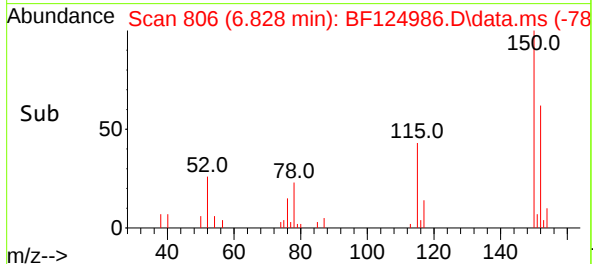
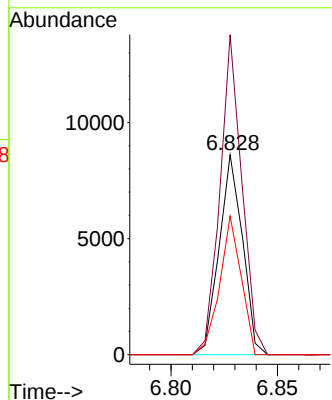
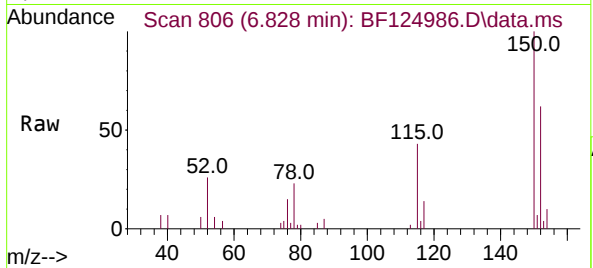




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

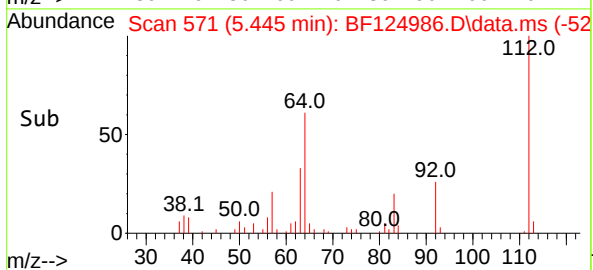
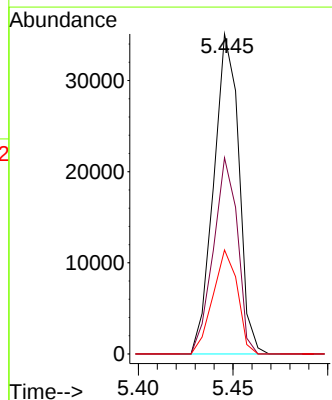
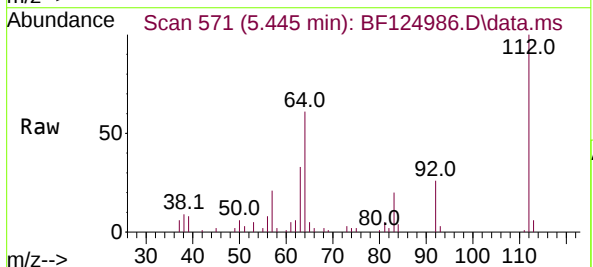
Instrument :
BNA_F
ClientSampled :
128

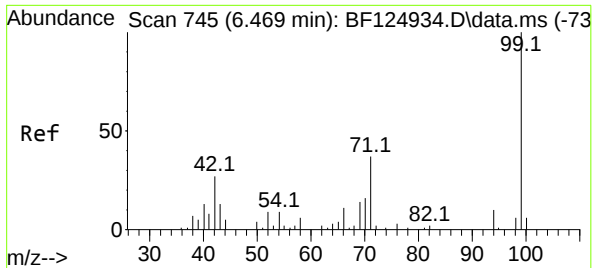
Tgt Ion:152 Resp: 6560
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 69.3 47.1 70.7



#5
2-Fluorophenol
Concen: 80.92 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

Tgt Ion:112 Resp: 32404
Ion Ratio Lower Upper
112 100
64 61.3 44.2 66.2
63 32.5 26.2 39.2

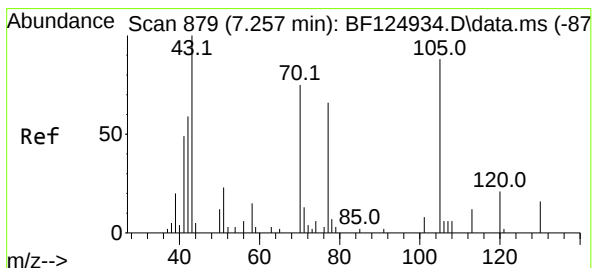
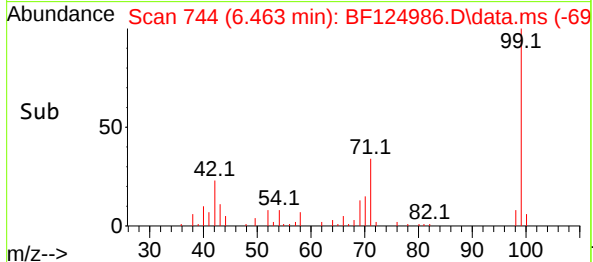
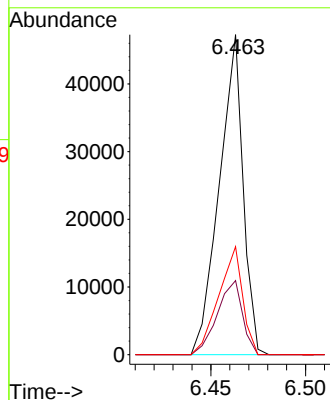
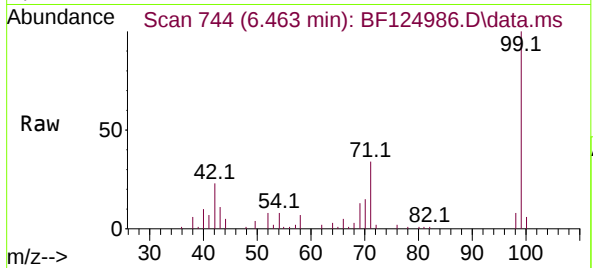




#7
Phenol-d6
Concen: 81.62 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

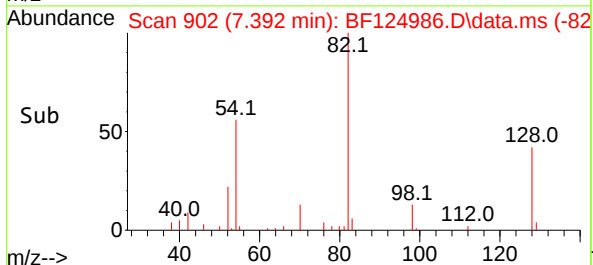
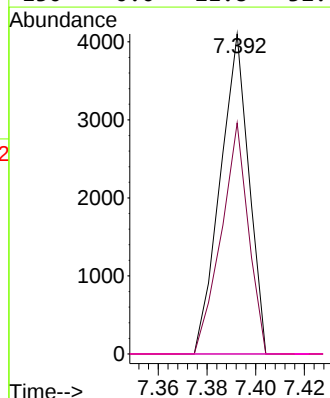
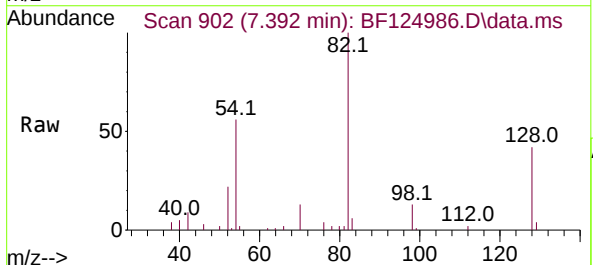
Instrument :
BNA_F
ClientSampled :
128

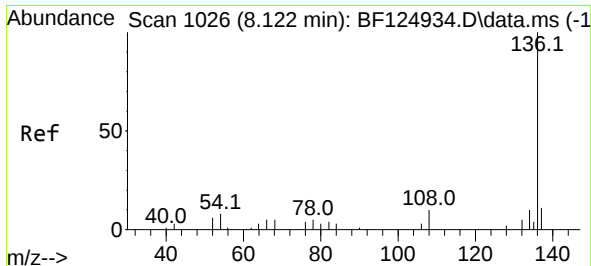
Tgt Ion: 99 Resp: 41214
Ion Ratio Lower Upper
99 100
42 23.2 23.5 35.3#
71 33.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.18 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.147 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

Tgt Ion: 70 Resp: 3349
Ion Ratio Lower Upper
70 100
42 72.2 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

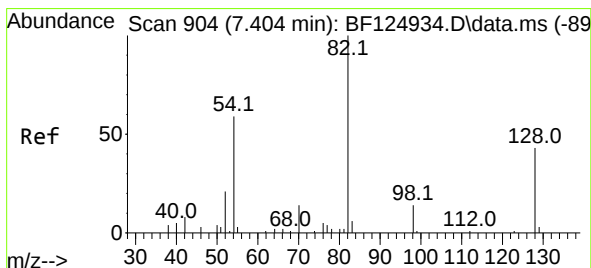
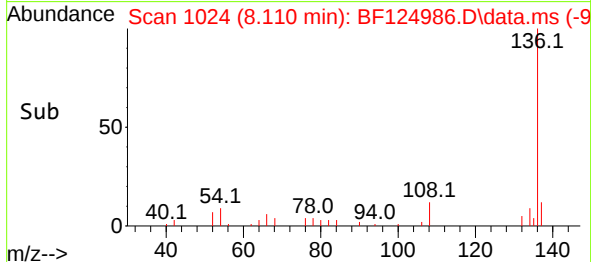
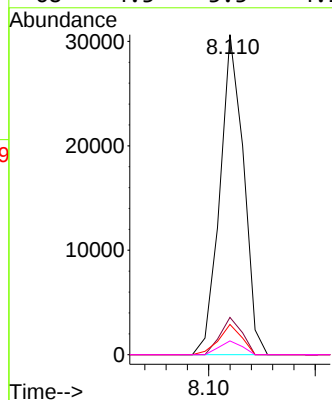
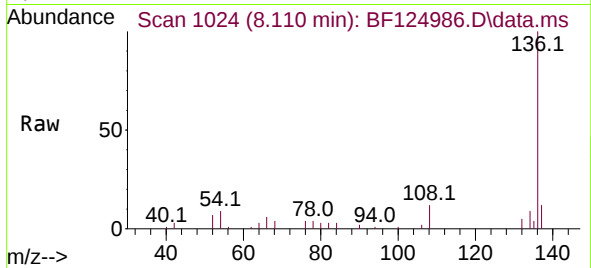




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

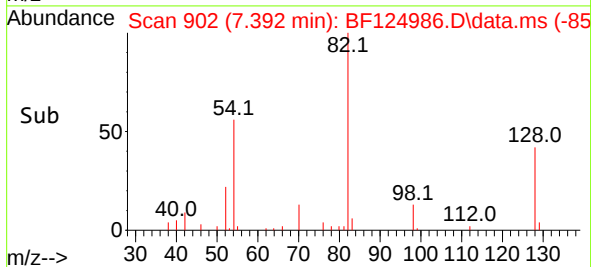
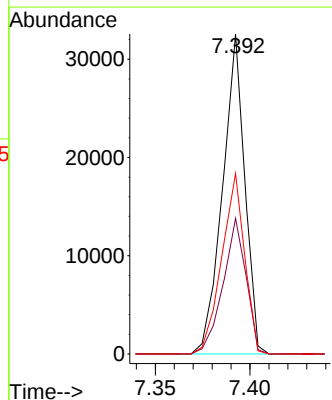
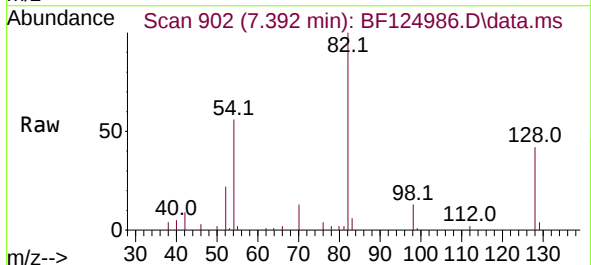
Instrument :
BNA_F
ClientSampleId :
128

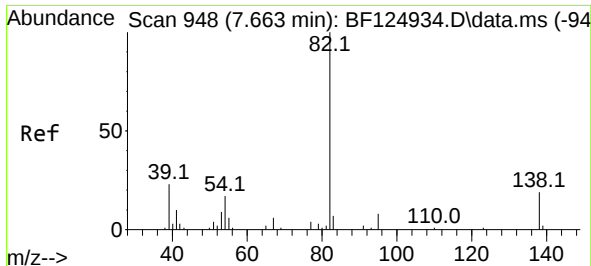
Tgt Ion:136	Resp:	23570
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.8 14.6
54	9.4	6.4 9.6
68	4.3	3.3 4.9



#23
Nitrobenzene-d5
Concen: 58.90 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

Tgt Ion: 82	Resp:	26536
Ion Ratio	Lower	Upper
82	100	
128	42.4	40.6 60.8
54	56.4	49.6 74.4

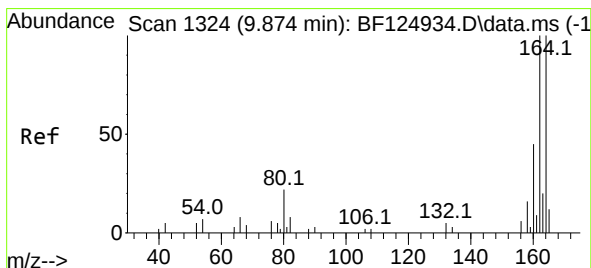
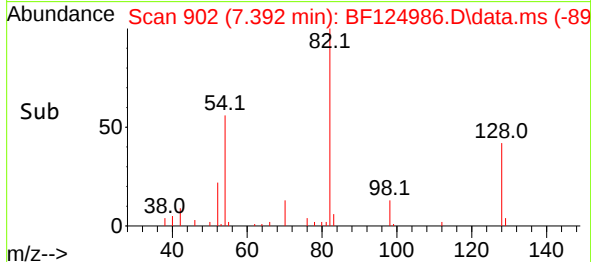
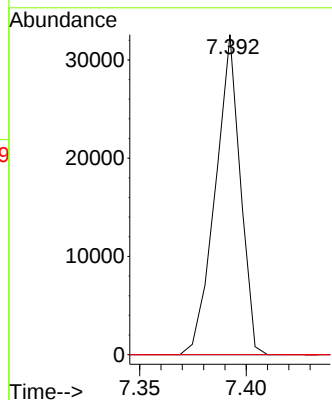
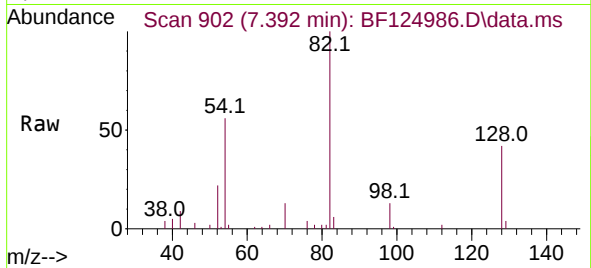




#25
Isophorone
Concen: 34.51 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.265 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

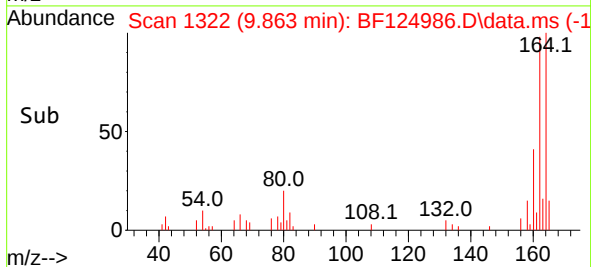
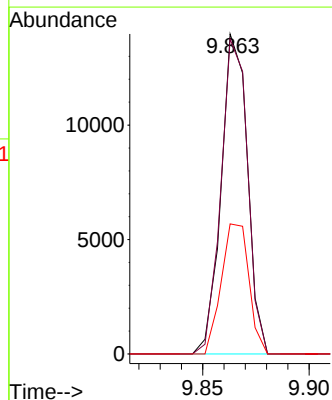
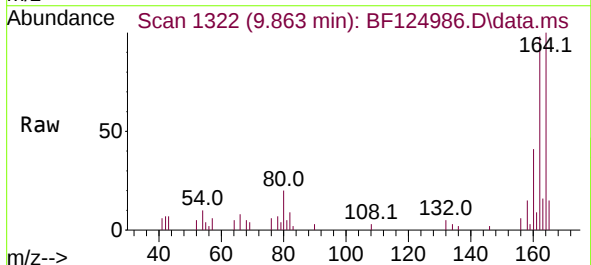
Instrument :
BNA_F
ClientSampleId :
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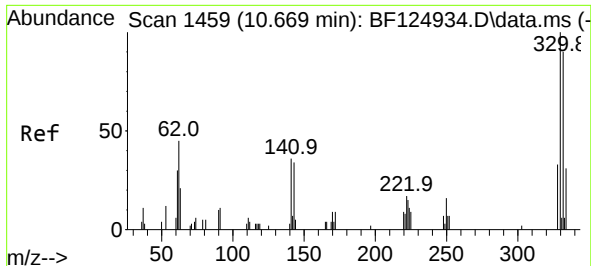
Tgt Ion: 82 Resp: 26535
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

Tgt Ion:164 Resp: 11978
Ion Ratio Lower Upper
164 100
162 98.4 81.3 121.9
160 40.7 38.0 57.0

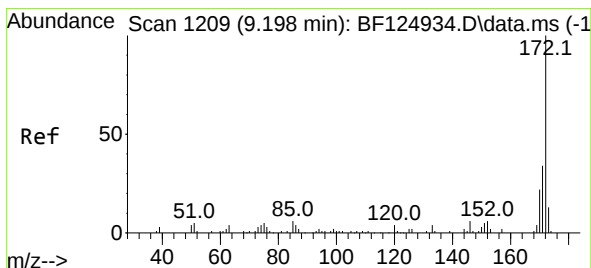
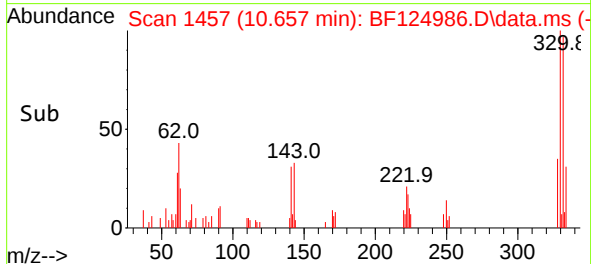
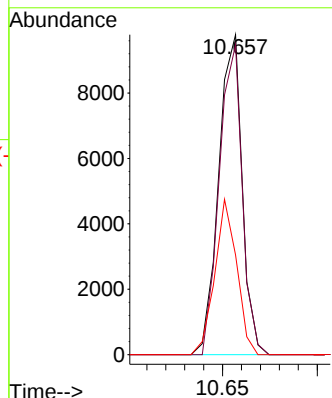
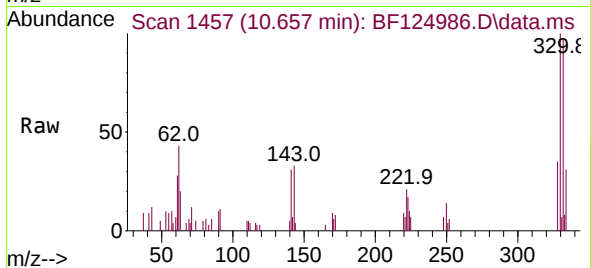




#42
2,4,6-Tribromophenol
Concen: 78.81 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

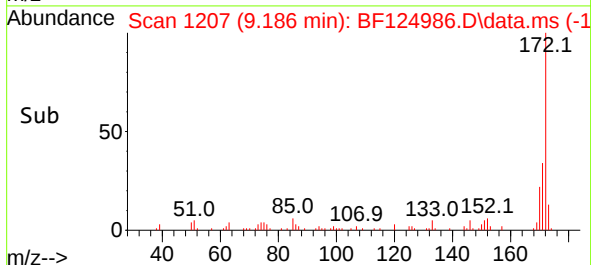
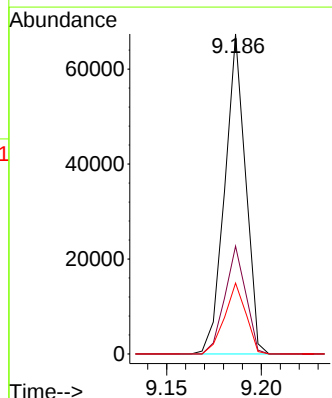
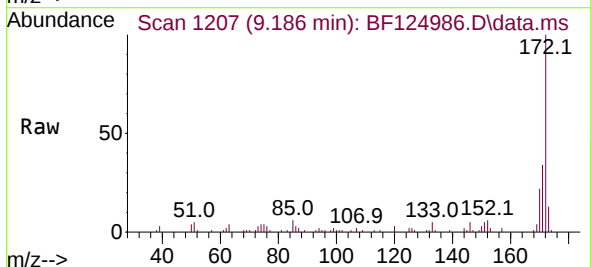
Instrument :
BNA_F
ClientSampled :
128

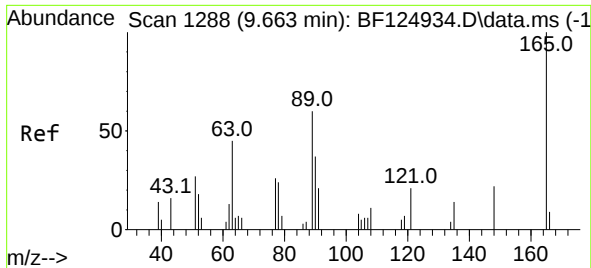
Tgt Ion:330 Resp: 8434
Ion Ratio Lower Upper
330 100
332 94.7 76.2 114.4
141 45.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 62.69 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

Tgt Ion:172 Resp: 51319
Ion Ratio Lower Upper
172 100
171 33.7 26.5 39.7
170 22.1 18.8 28.2

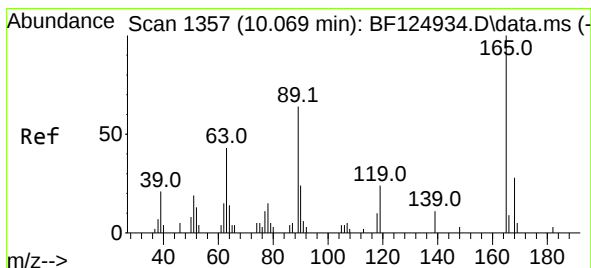
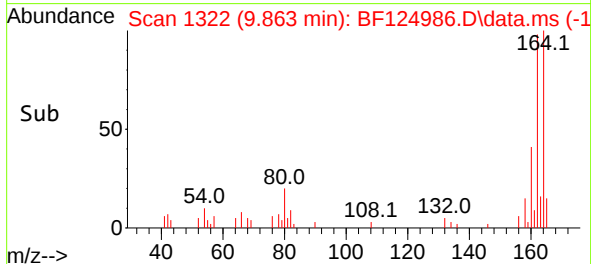
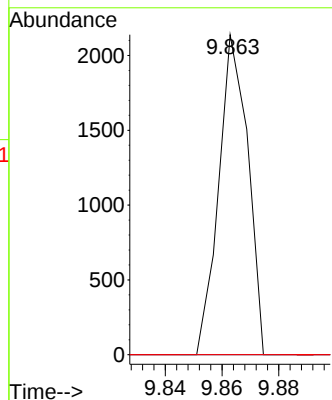
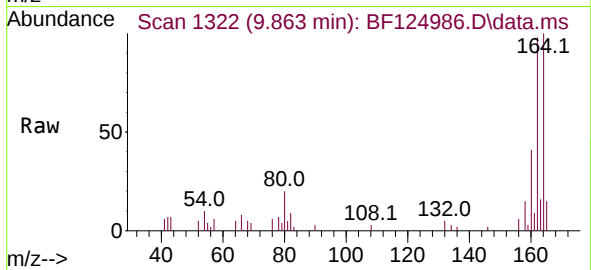




#51
2,6-Dinitrotoluene
Concen: 8.43 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.206 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

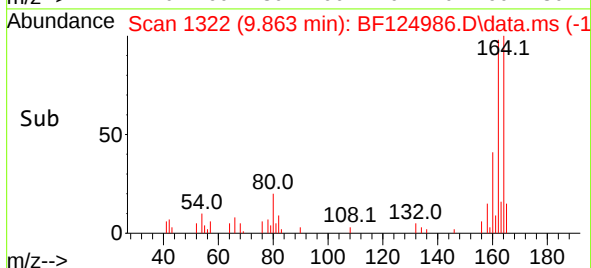
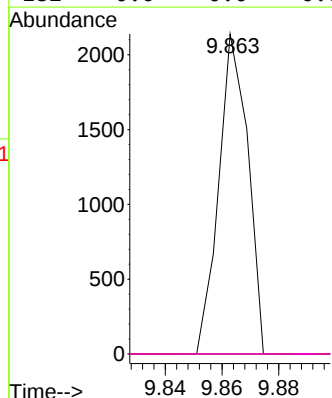
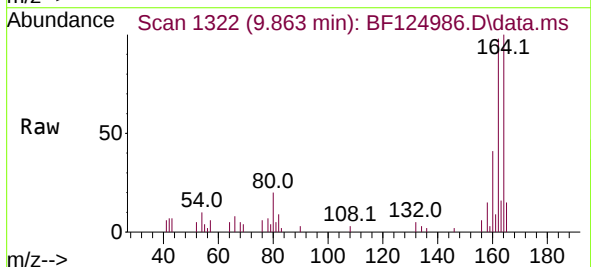
Instrument :
BNA_F
ClientSampled :
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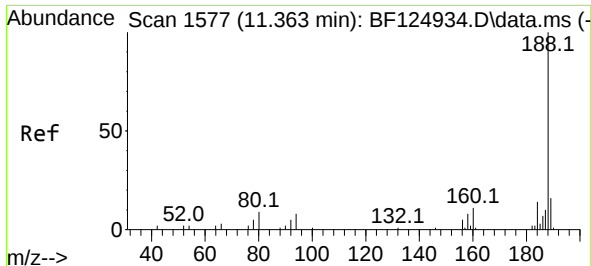
Tgt Ion:165 Resp: 1523
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.21 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.194 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

Tgt Ion:165 Resp: 1523
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

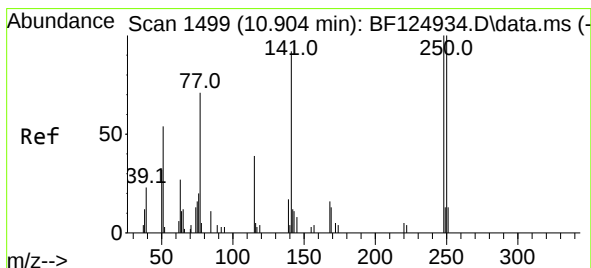
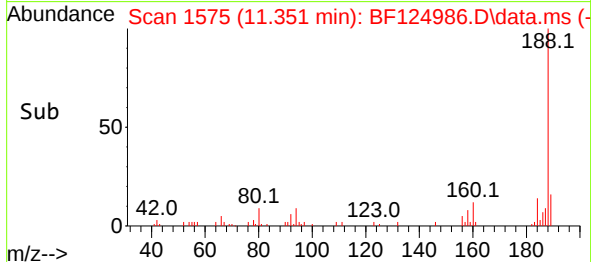
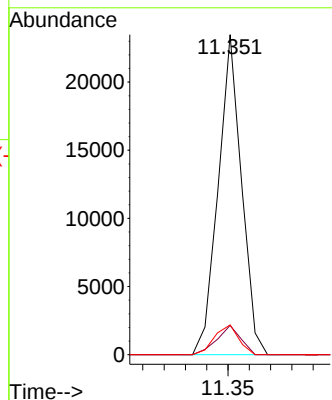
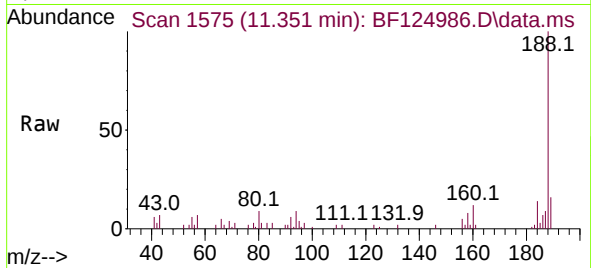




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

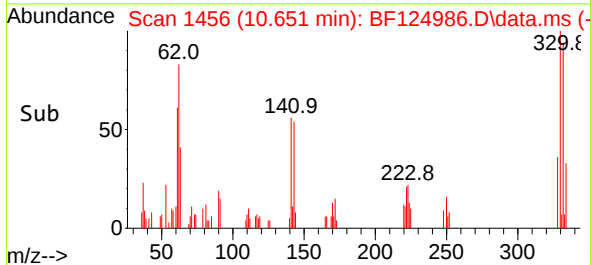
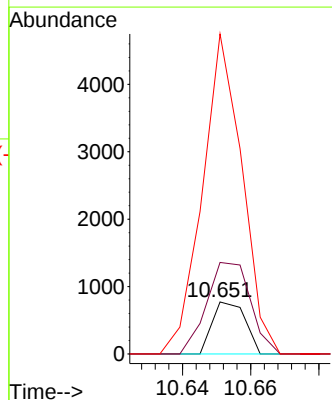
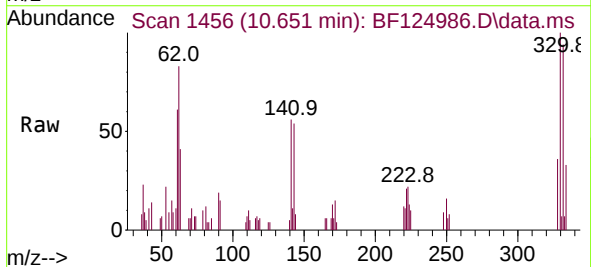
Instrument :
BNA_F
ClientSampled :
128

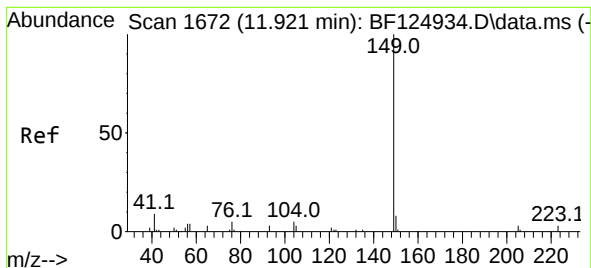
Tgt Ion:188 Resp: 17839
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.3 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 2.65 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

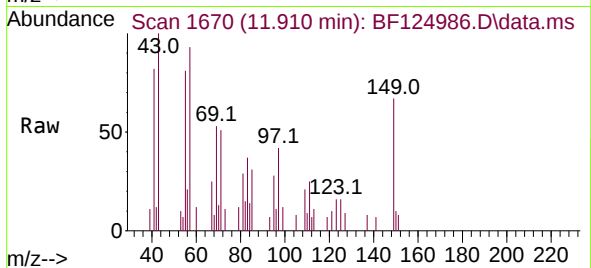
Tgt Ion:248 Resp: 517
Ion Ratio Lower Upper
248 100
250 175.7 74.2 111.4#
141 614.2 60.4 90.6#



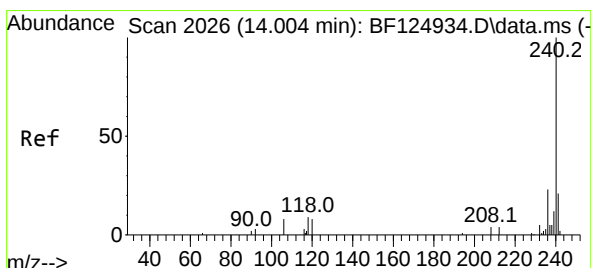
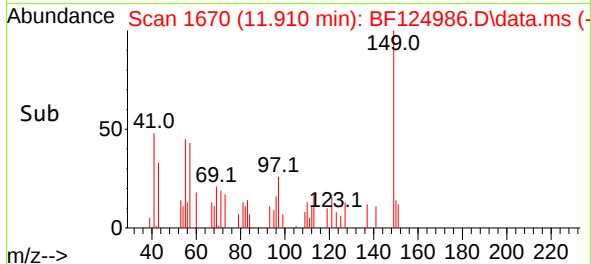
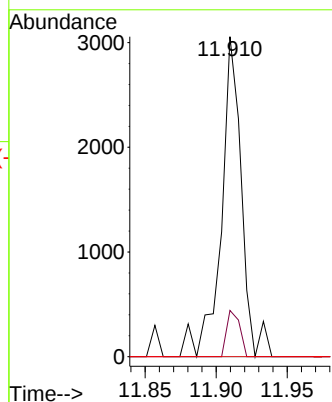


#74
Di-n-butylphthalate
Concen: 2.69 ng
RT: 11.910 min Scan# 1670
Delta R.T. 0.000 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

Instrument :
BNA_F
ClientSampled :
128

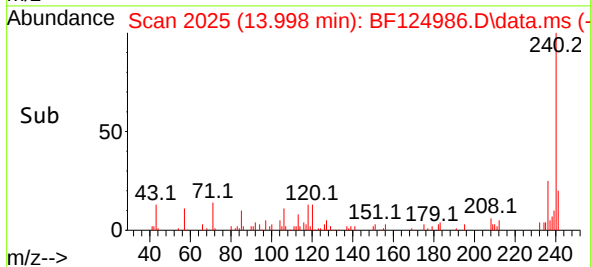
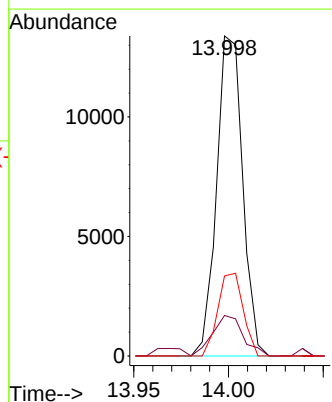
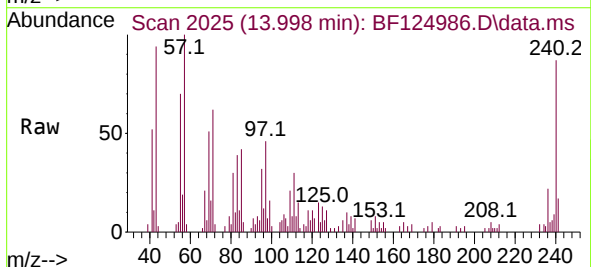


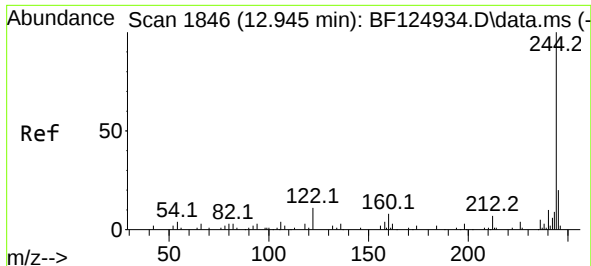
Tgt Ion:149 Resp: 3041
Ion Ratio Lower Upper
149 100
150 14.5 7.4 11.2#
104 0.0 4.1 6.1#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF124986.D
Acq: 7 Aug 2021 21:42

Tgt Ion:240 Resp: 12811
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 25.0 21.6 32.4

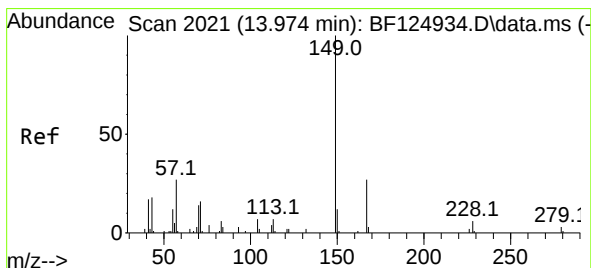
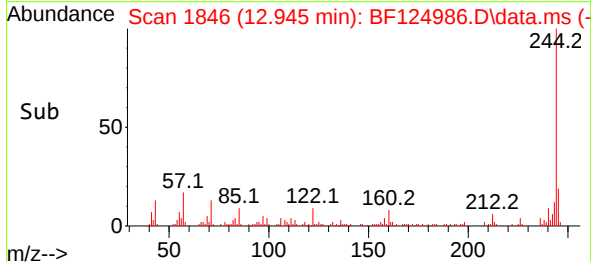
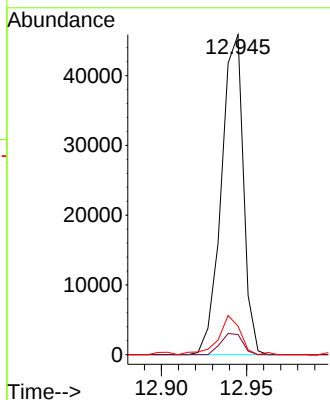
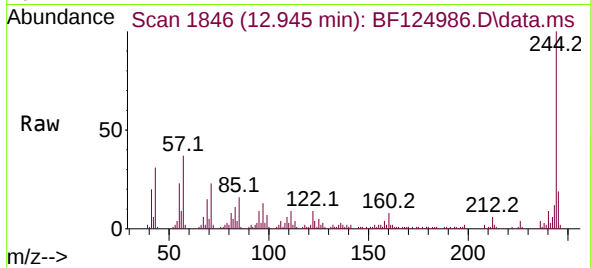




#79
 Terphenyl-d14
 Concen: 54.26 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF124986.D
 Acq: 7 Aug 2021 21:42

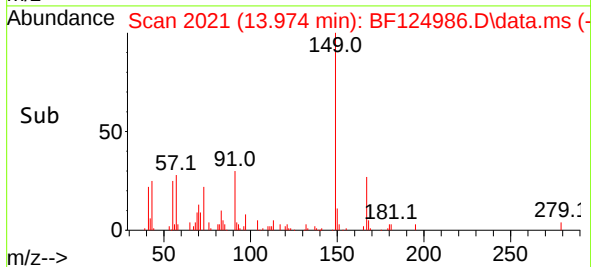
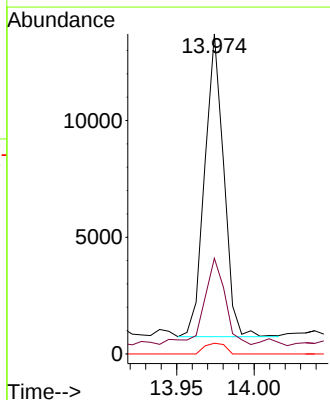
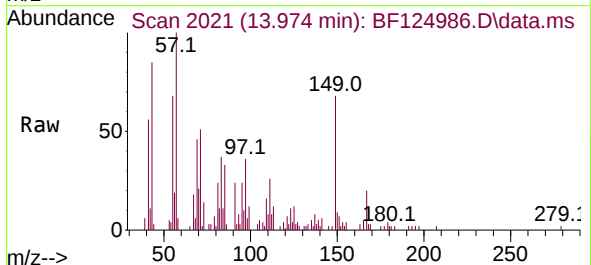
Instrument :
 BNA_F
 ClientSampled :
 128

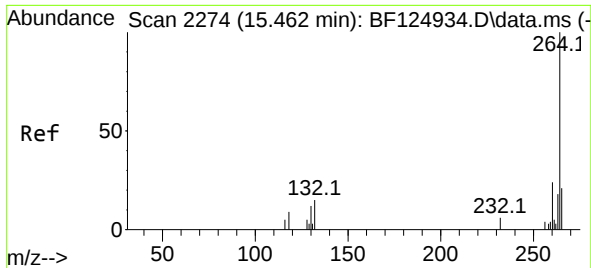
Tgt Ion:244 Resp: 41206
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 8.9 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 17.83 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. 0.012 min
 Lab File: BF124986.D
 Acq: 7 Aug 2021 21:42

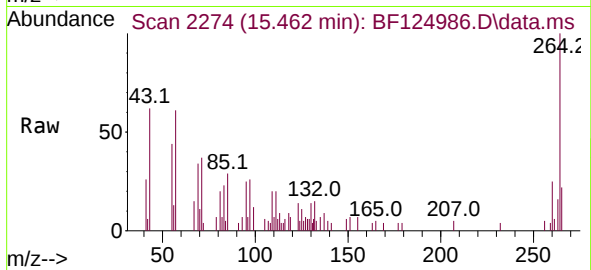
Tgt Ion:149 Resp: 11105
 Ion Ratio Lower Upper
 149 100
 167 29.9 21.4 32.0
 279 3.4 2.6 4.0





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. 0.018 min
 Lab File: BF124986.D
 Acq: 7 Aug 2021 21:42

Instrument :
 BNA_F
 ClientSampled :
 128



Tgt Ion:	264	Resp:	9745
Ion Ratio	Lower	Upper	
264	100		
260	25.5	19.6	29.4
265	21.7	17.2	25.8

