

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124993.D
 Acq On : 8 Aug 2021 1:44
 Operator : JU/CG
 Sample : M3293-03 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20071

Quant Time: Aug 08 09:12:35 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)

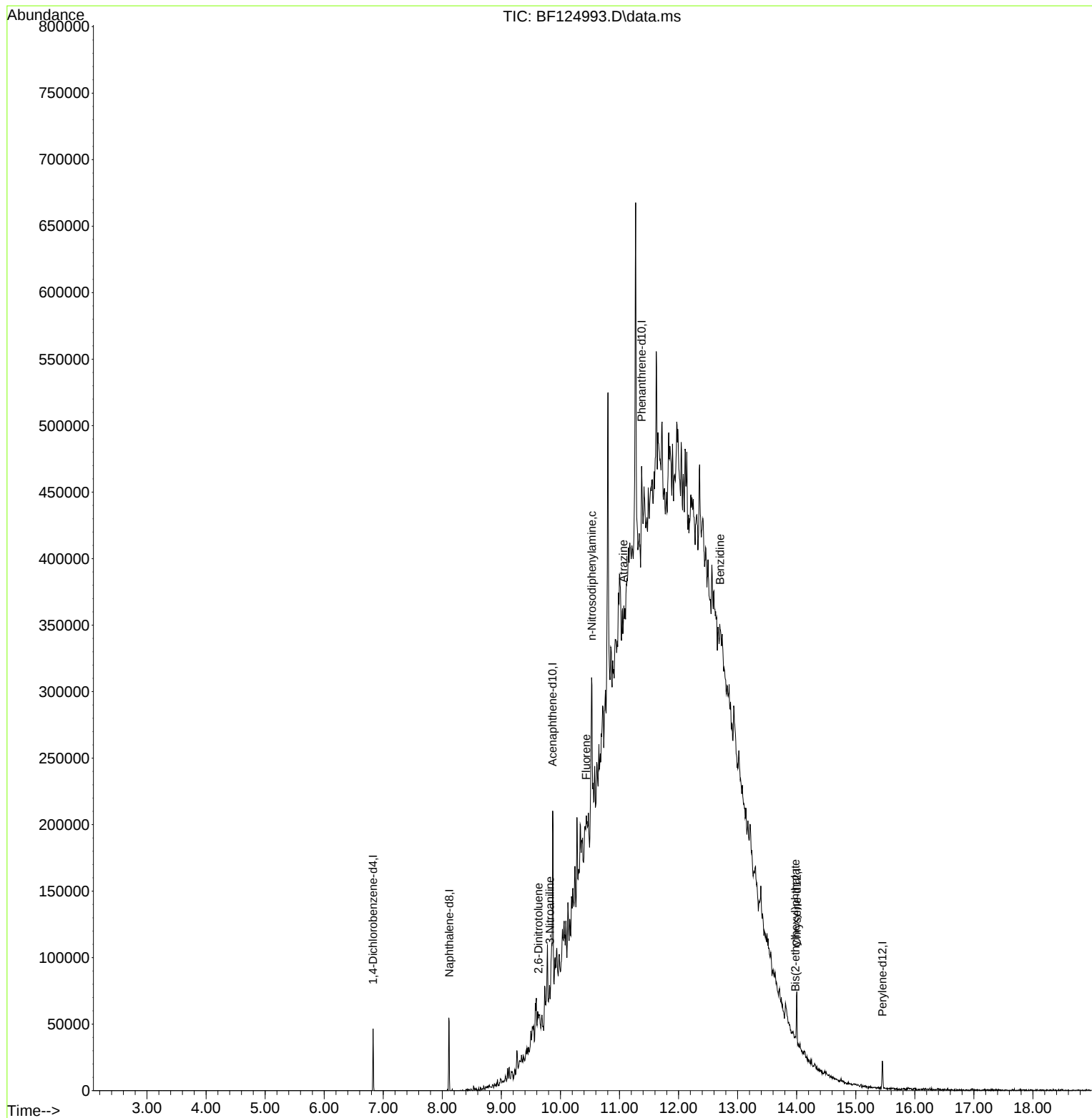
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6400	20.00	ng	0.00
21) Naphthalene-d8	8.116	136	24551	20.00	ng	0.00
39) Acenaphthene-d10	9.869	164	12474	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	18688	20.00	ng	# 0.02
76) Chrysene-d12	14.004	240	12926	20.00	ng	0.01
86) Perylene-d12	15.451	264	9689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.00	ng	
7) Phenol-d6	0.000	99	0	0.00	ng	
23) Nitrobenzene-d5	0.000	82	0	0.00	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.186	172	787	0.92	ng	0.00
79) Terphenyl-d14	12.957	244	896	1.17	ng	0.02
Target Compounds						Qvalue
51) 2,6-Dinitrotoluene	9.627	165	1141	6.06	ng	# 26
53) 3-Nitroaniline	9.822	138	428	2.16	ng	# 1
58) Fluorene	10.433	166	2090	2.56	ng	# 1
66) n-Nitrosodiphenylamine	10.533	169	1343	2.22	ng	# 72
69) Atrazine	11.063	200	749	4.12	ng	# 1
77) Benzidine	12.704	184	844	2.44	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.980	149	1457	2.32	ng	# 53

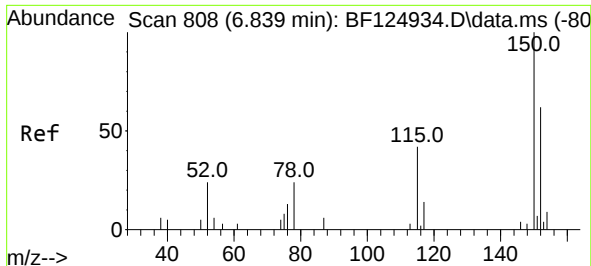
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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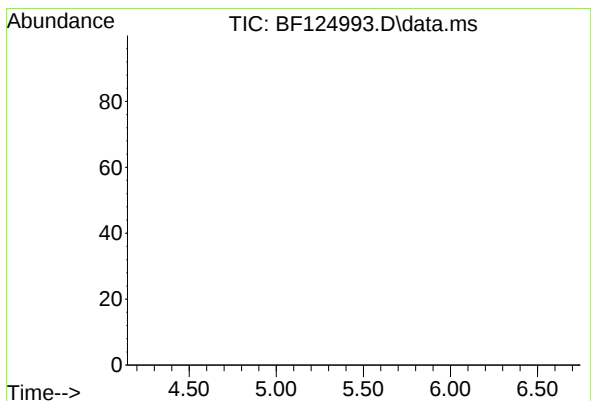
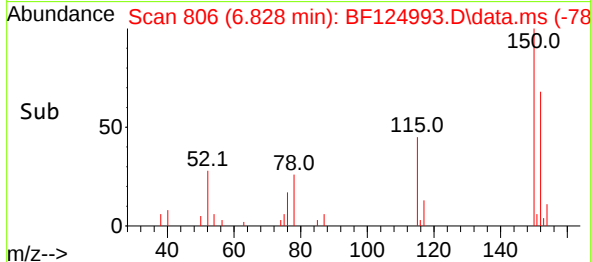
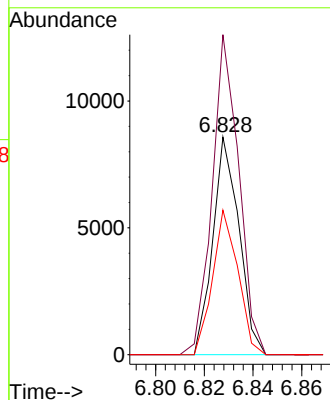
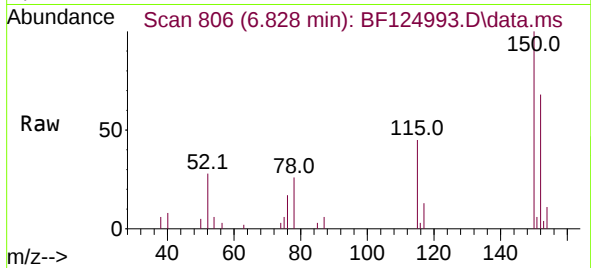




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

Instrument :
BNA_F
ClientSampleId :
20071

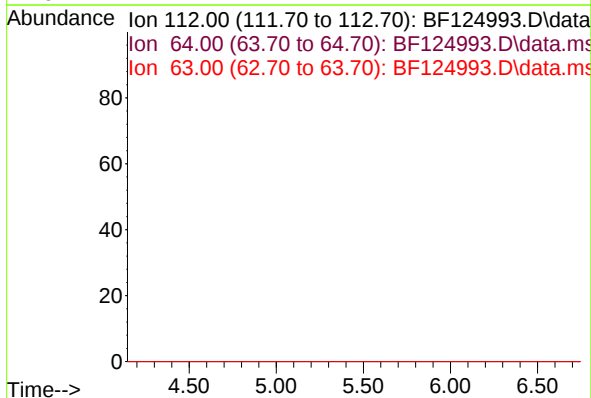
Tgt Ion:152 Resp: 6400
Ion Ratio Lower Upper
152 100
150 147.0 117.6 176.4
115 66.4 47.1 70.7

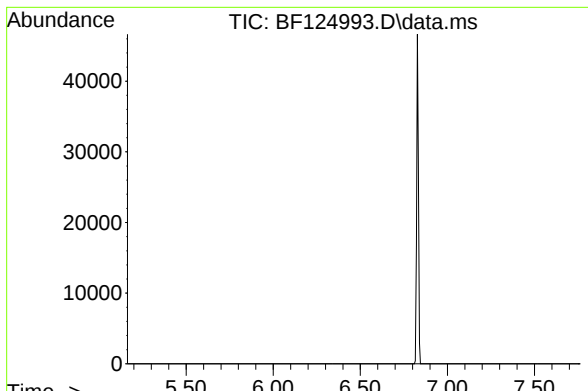


#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.45 min

Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

Tgt Ion: 112
Sig Exp Ratio
112 100
64 55.2
63 32.7

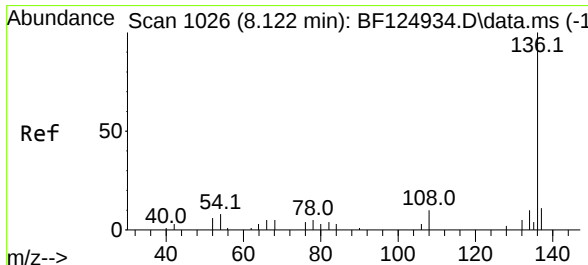
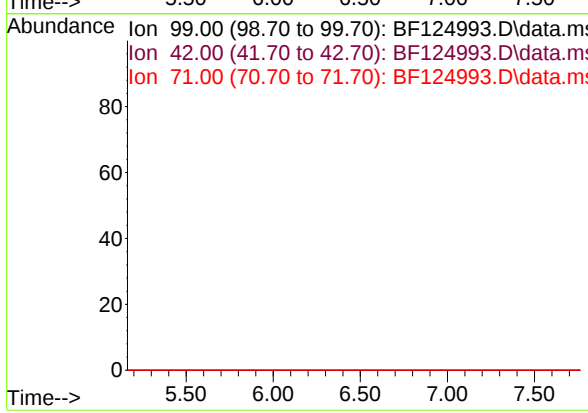




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.46 min
 Lab File: BF124993.D
 Acq: 8 Aug 2021 1:44
 Tgt Ion: 99

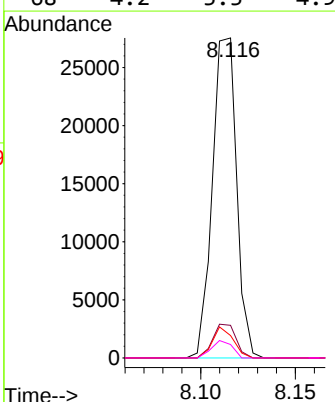
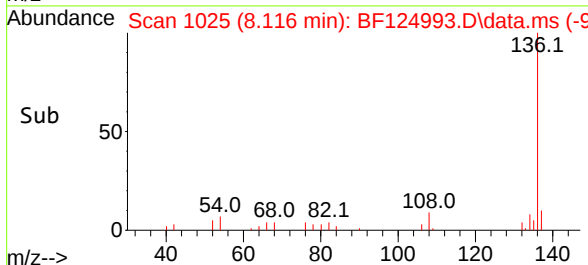
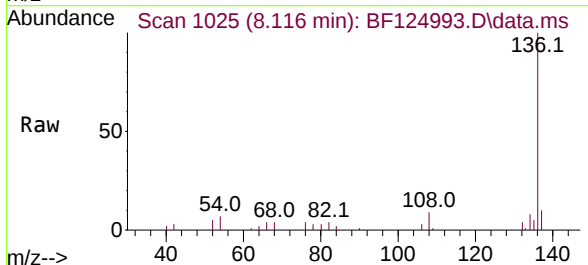
Sig	Exp Ratio
99	100
42	29.4
71	32.0

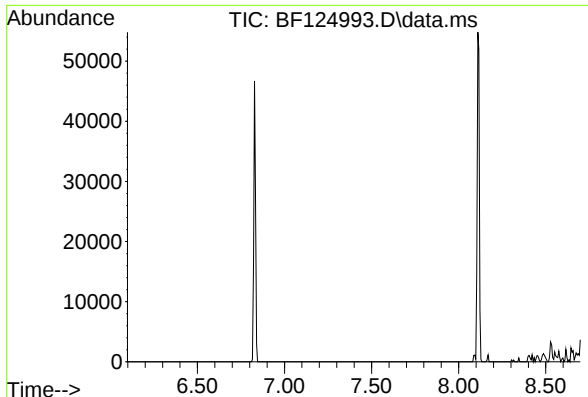
Instrument :
 BNA_F
 ClientSampleId :
 20071



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.116 min Scan# 1025
 Delta R.T. 0.000 min
 Lab File: BF124993.D
 Acq: 8 Aug 2021 1:44
 Tgt Ion: 136 Resp: 24551

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.8	14.6
54	7.0	6.4	9.6
68	4.2	3.3	4.9

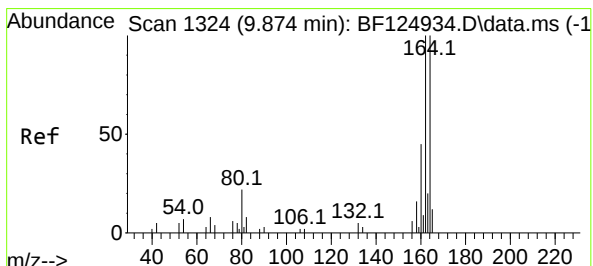
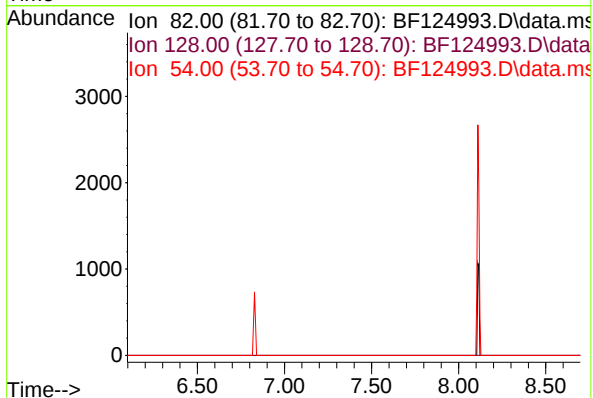




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.40 min
 Lab File: BF124993.D
 Acq: 8 Aug 2021 1:44

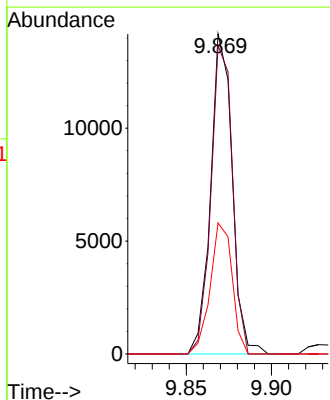
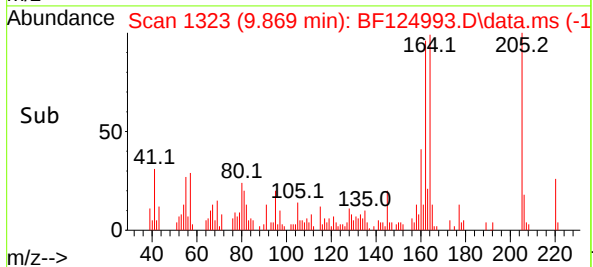
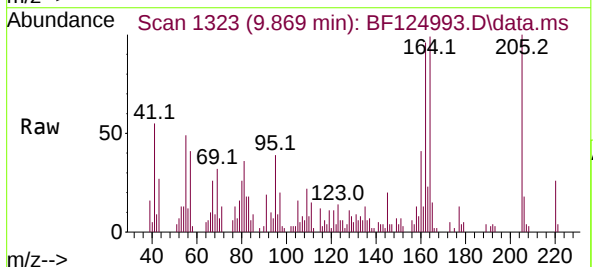
Instrument :
 BNA_F
 ClientSampleId :
 20071

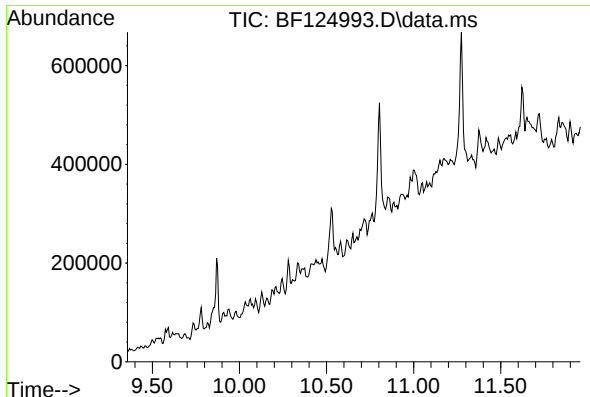
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 50.7
 54 62.0



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.869 min Scan# 1323
 Delta R.T. 0.000 min
 Lab File: BF124993.D
 Acq: 8 Aug 2021 1:44

Tgt Ion: 164 Resp: 12474
 Ion Ratio Lower Upper
 164 100
 162 96.3 81.3 121.9
 160 41.0 38.0 57.0



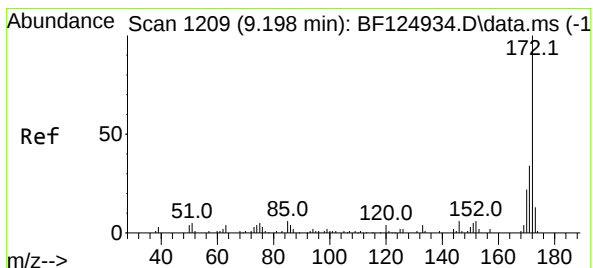
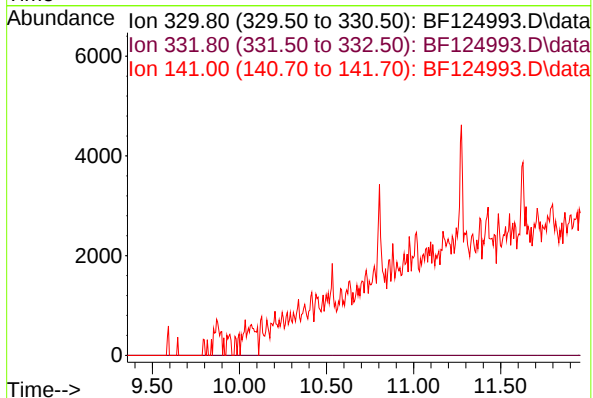


#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.66 min

Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

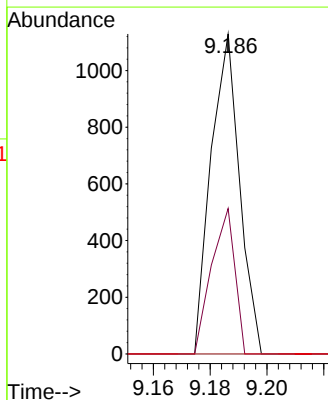
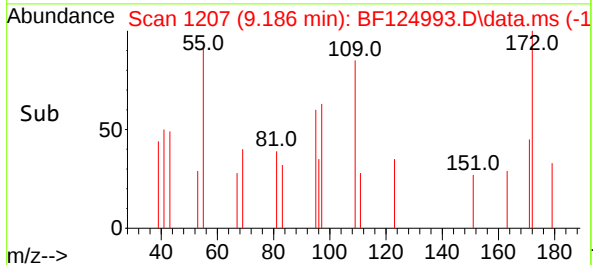
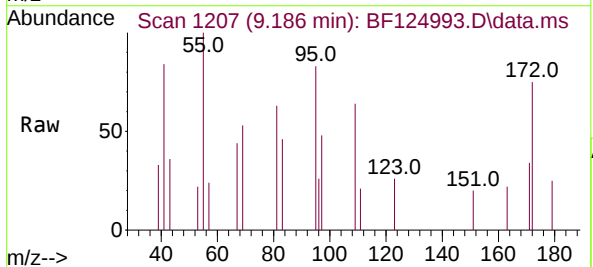
Tgt Ion: 330
Sig Exp Ratio
330 100
332 95.3
141 55.7

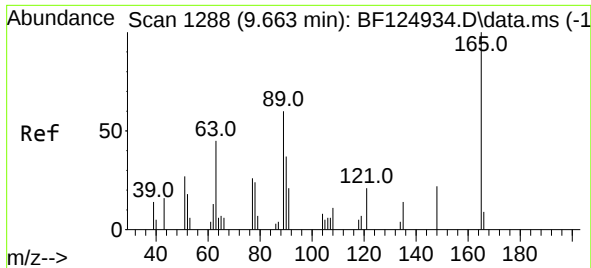
Instrument :
BNA_F
ClientSampleId :
20071



#45
2-Fluorobiphenyl
Concen: 0.92 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

Tgt Ion: 172 Resp: 787
Ion Ratio Lower Upper
172 100
171 45.4 26.5 39.7#
170 0.0 18.8 28.2#

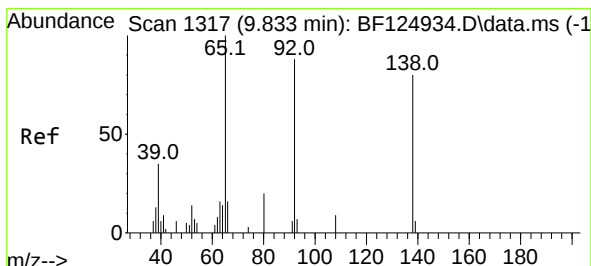
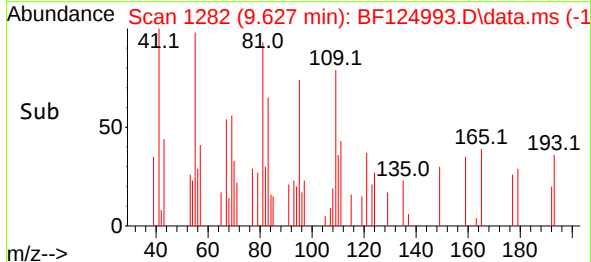
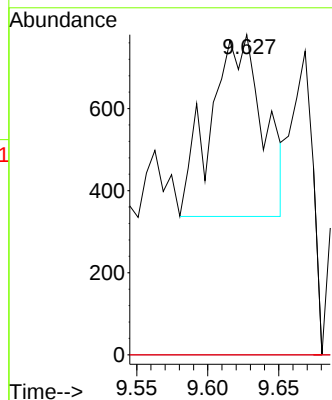
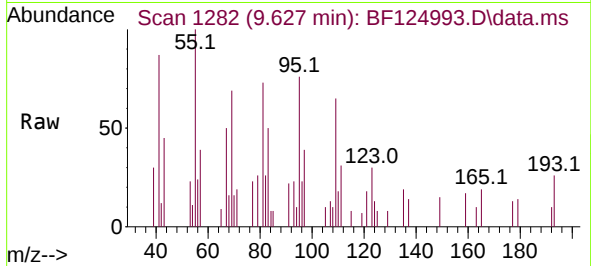




#51
2,6-Dinitrotoluene
Concen: 6.06 ng
RT: 9.627 min Scan# 1282
Delta R.T. -0.029 min
Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

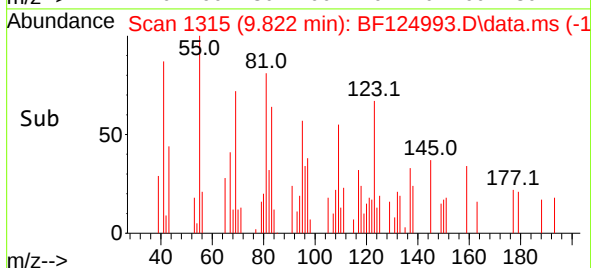
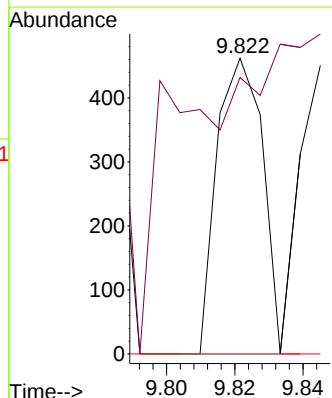
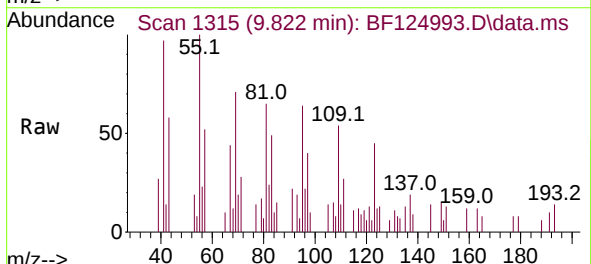
Instrument :
BNA_F
ClientSampled :
20071

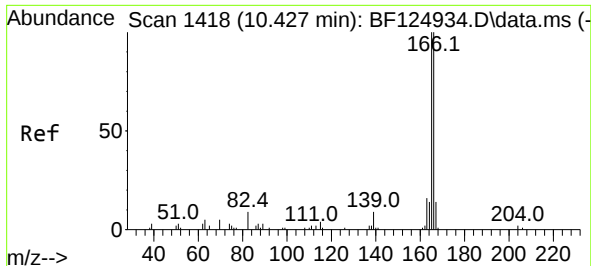
Tgt Ion:165 Resp: 1141
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#53
3-Nitroaniline
Concen: 2.16 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

Tgt Ion:138 Resp: 428
Ion Ratio Lower Upper
138 100
108 93.5 9.3 13.9#
92 0.0 76.5 114.7#

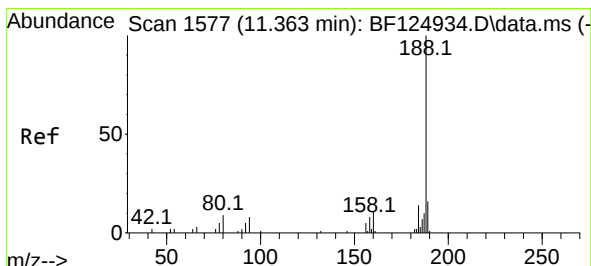
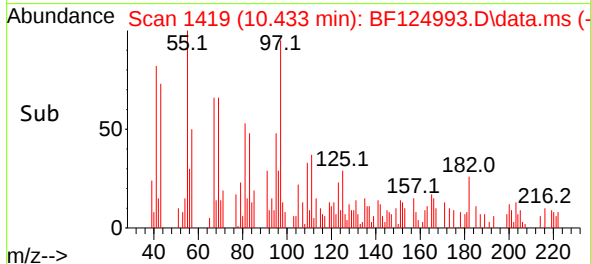
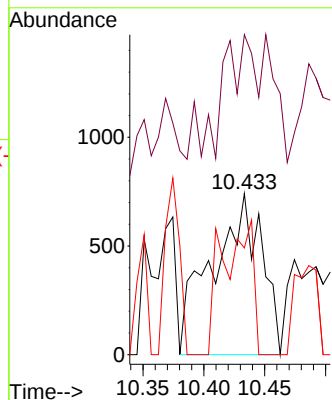
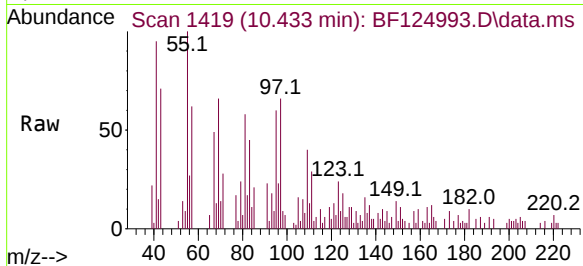




#58
Fluorene
Concen: 2.56 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.018 min
Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

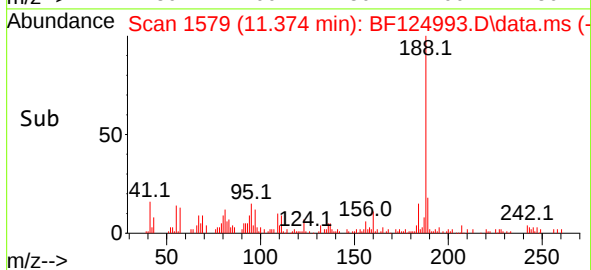
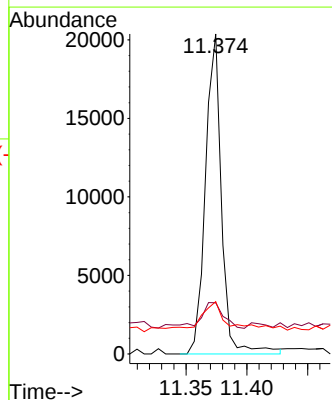
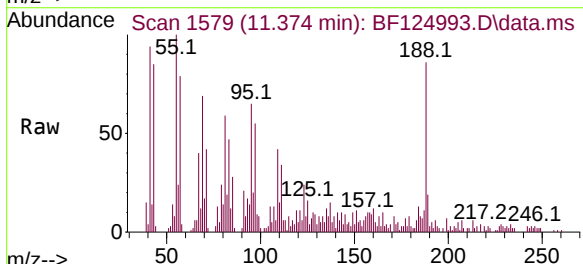
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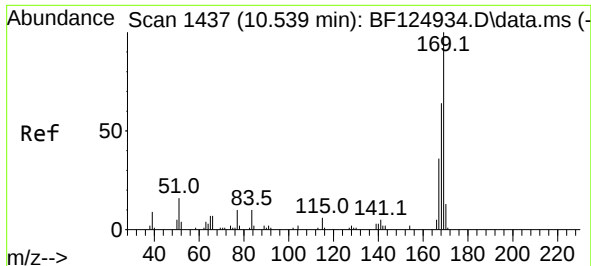
Tgt Ion:166 Resp: 2090
Ion Ratio Lower Upper
166 100
165 198.7 78.1 117.1#
167 66.3 11.1 16.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.374 min Scan# 1579
Delta R.T. 0.024 min
Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

Tgt Ion:188 Resp: 18688
Ion Ratio Lower Upper
188 100
94 16.0 6.7 10.1#
80 16.3 7.5 11.3#

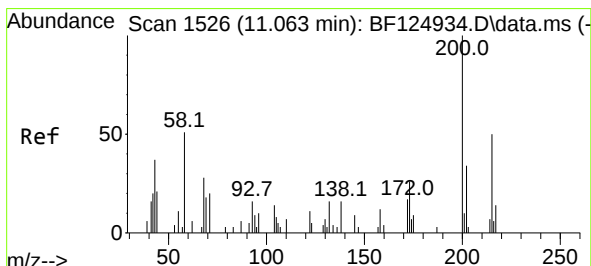
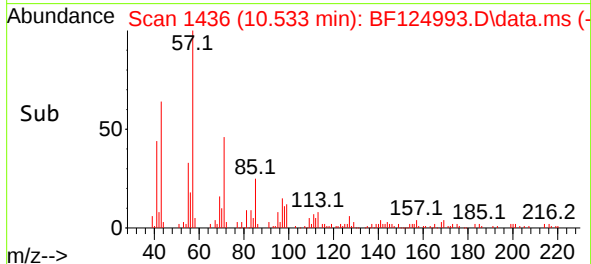
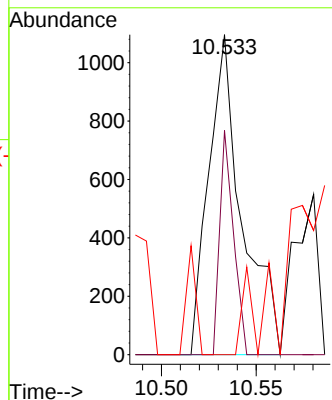
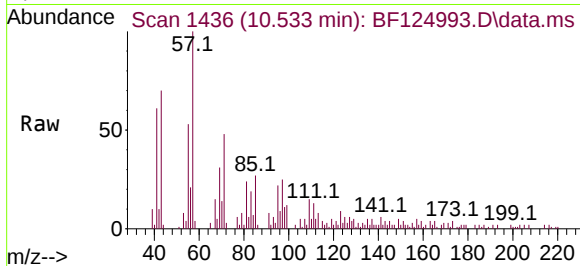




#66
n-Nitrosodiphenylamine
Concen: 2.22 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

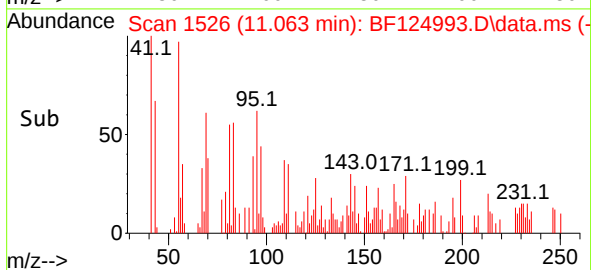
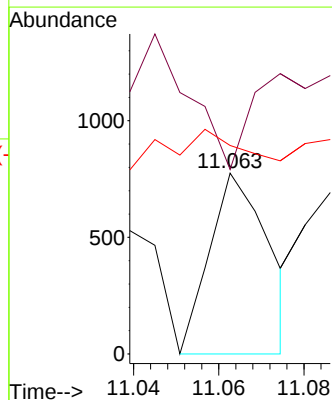
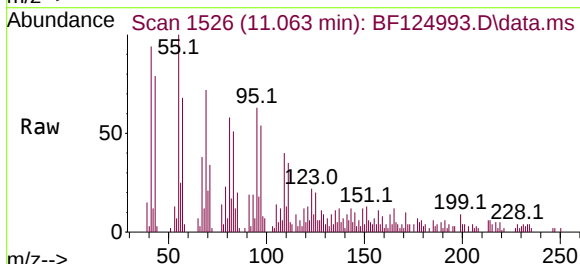
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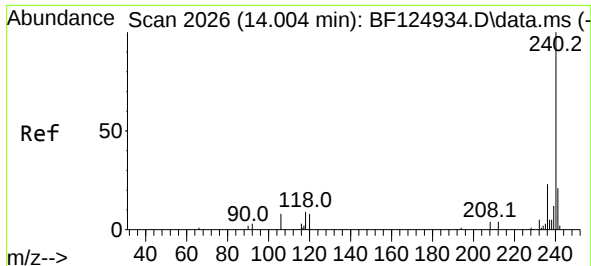
Tgt Ion:169 Resp: 1343
Ion Ratio Lower Upper
169 100
168 70.1 50.8 76.2
167 0.0 28.8 43.2#



#69
Atrazine
Concen: 4.12 ng
RT: 11.063 min Scan# 1526
Delta R.T. 0.012 min
Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

Tgt Ion:200 Resp: 749
Ion Ratio Lower Upper
200 100
173 102.1 11.1 51.1#
215 115.4 22.7 62.7#

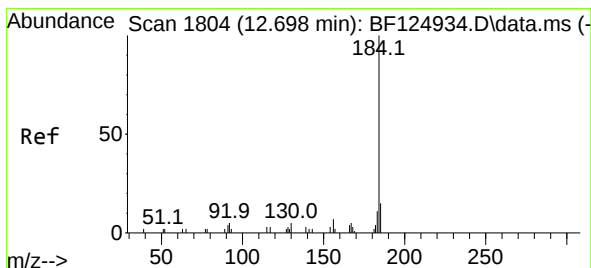
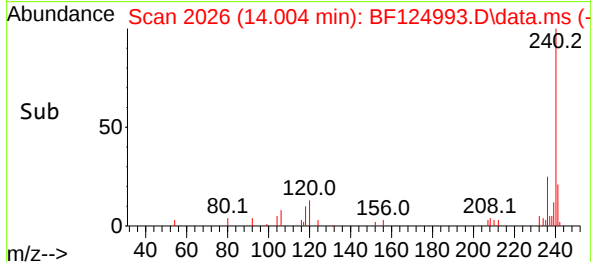
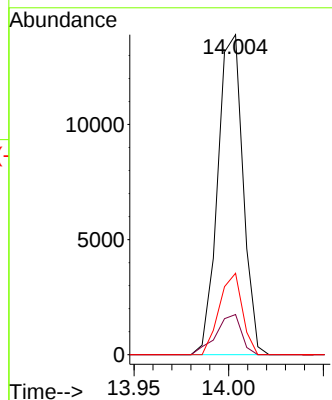
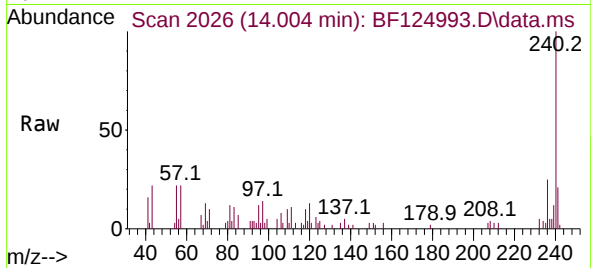




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

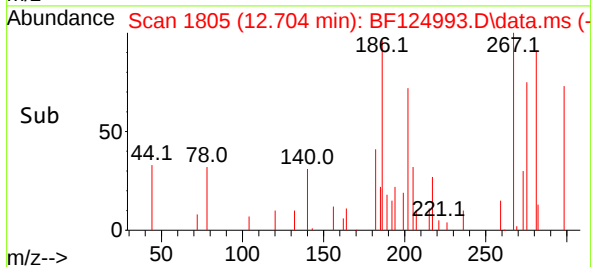
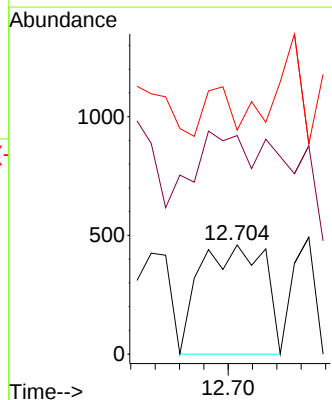
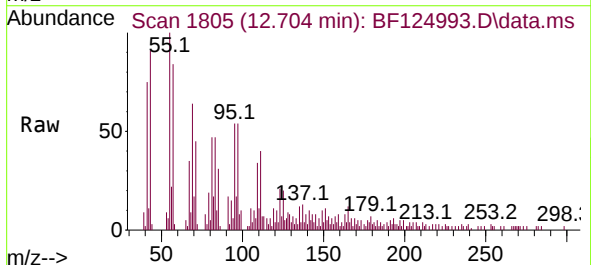
Instrument :
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20071

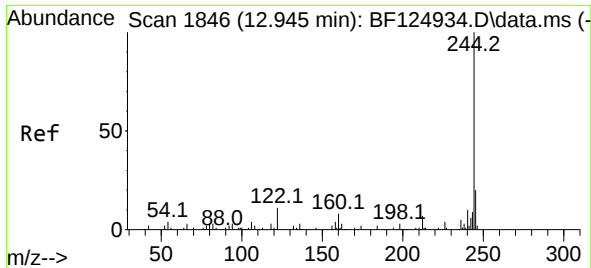
Tgt Ion:240 Resp: 12926
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 25.5 21.6 32.4



#77
Benzidine
Concen: 2.44 ng
RT: 12.704 min Scan# 1805
Delta R.T. 0.018 min
Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

Tgt Ion:184 Resp: 844
Ion Ratio Lower Upper
184 100
185 200.4 10.8 16.2#
183 205.4 8.1 12.1#

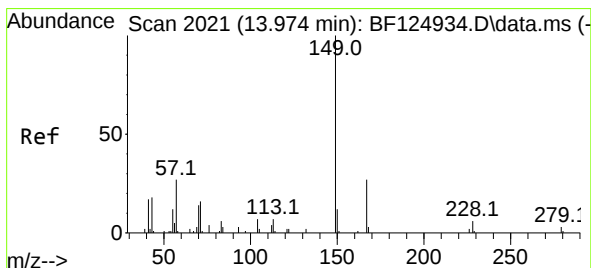
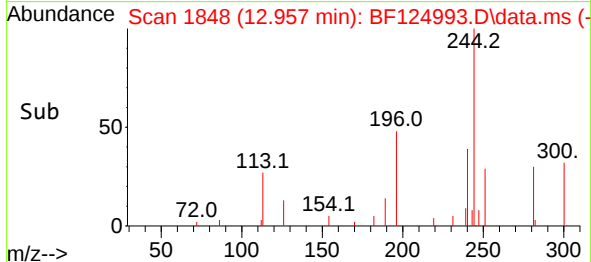
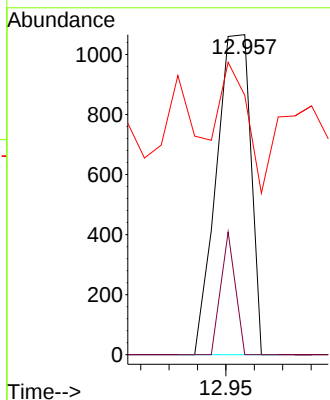
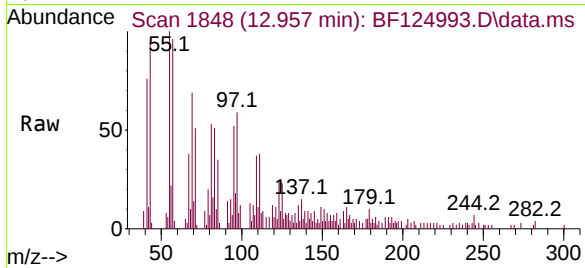




#79
 Terphenyl-d14
 Concen: 1.17 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.018 min
 Lab File: BF124993.D
 Acq: 8 Aug 2021 1:44

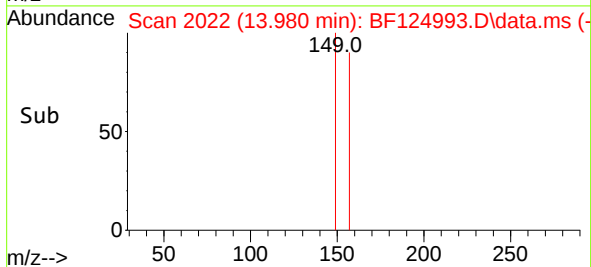
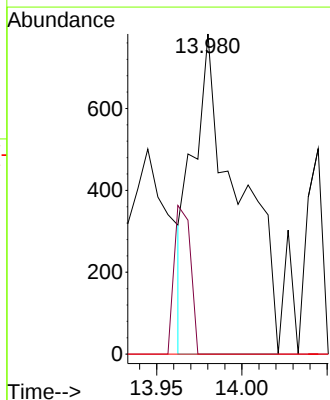
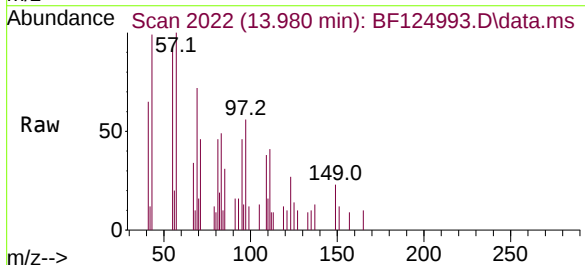
Instrument :
 BNA_F
 ClientSampled :
 20071

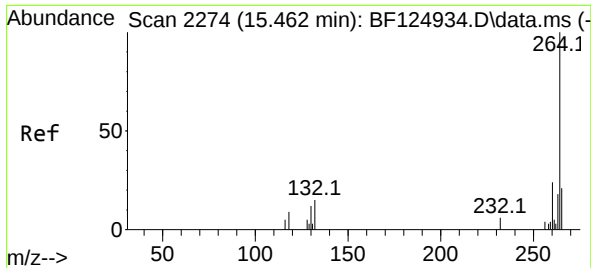
Tgt Ion:244 Resp: 896
 Ion Ratio Lower Upper
 244 100
 212 0.0 5.9 8.9#
 122 81.1 9.0 13.4#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.32 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. 0.018 min
 Lab File: BF124993.D
 Acq: 8 Aug 2021 1:44

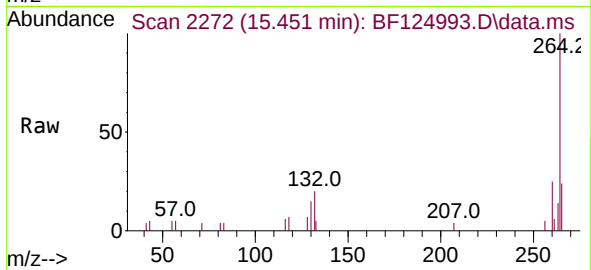
Tgt Ion:149 Resp: 1457
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 2.6 4.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF124993.D
Acq: 8 Aug 2021 1:44

Instrument :
BNA_F
ClientSampled :
20071



Tgt Ion:	264	Resp:	9689
Ion Ratio	Lower	Upper	
264	100		
260	25.2	19.6	29.4
265	23.7	17.2	25.8

