

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134894.D
 Acq On : 23 Aug 2023 09:29
 Operator : CG\JU
 Sample : PB154969BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154969BL

Quant Time: Aug 24 04:22:20 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

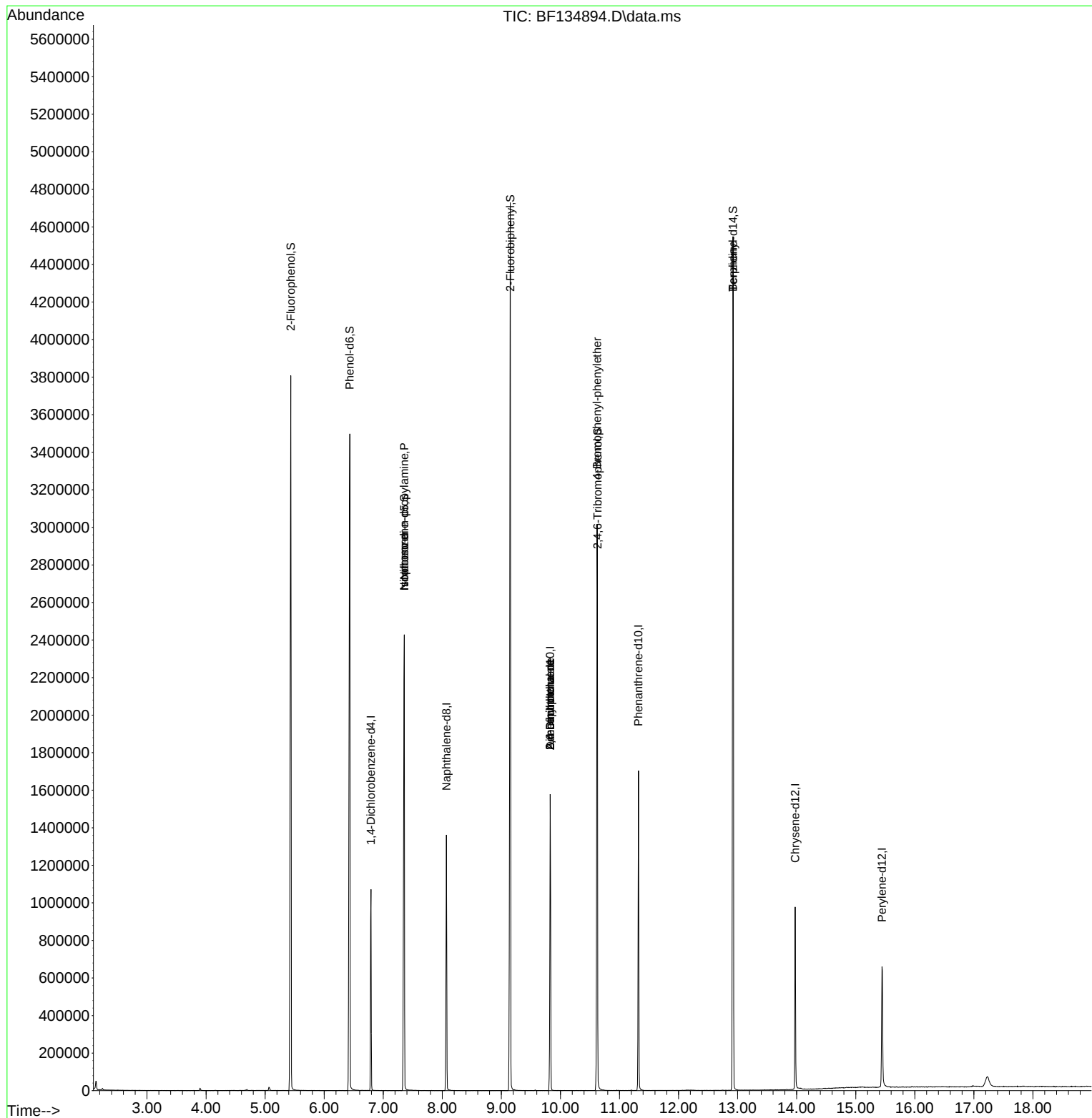
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	155467	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	608846	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	318630	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	593471	20.000	ng	0.00
76) Chrysene-d12	13.974	240	316943	20.000	ng	0.00
86) Perylene-d12	15.445	264	318616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1139193	116.849	ng	0.01
7) Phenol-d6	6.434	99	1420463	114.022	ng	0.00
23) Nitrobenzene-d5	7.357	82	908669	82.239	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	439787	117.193	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1637967	79.469	ng	0.00
79) Terphenyl-d14	12.921	244	1852797	80.404	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	122347	16.816	ng	# 76
25) Isophorone	7.357	82	900266	43.635	ng	# 64
50) Dimethylphthalate	9.828	163	62454	2.754	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	40897	8.176	ng	# 28
57) 2,4-Dinitrotoluene	9.828	165	40897	6.611	ng	# 25
67) 4-Bromophenyl-phenylether	10.622	248	28101	4.104	ng	# 1
77) Benzidine	12.921	184	22537	4.383	ng	# 91

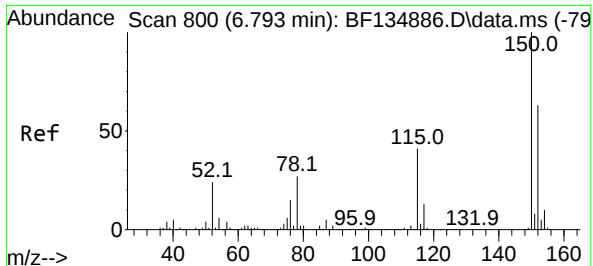
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
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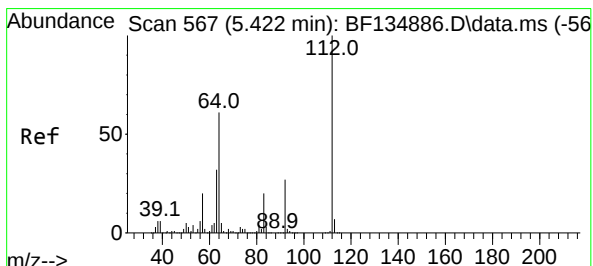
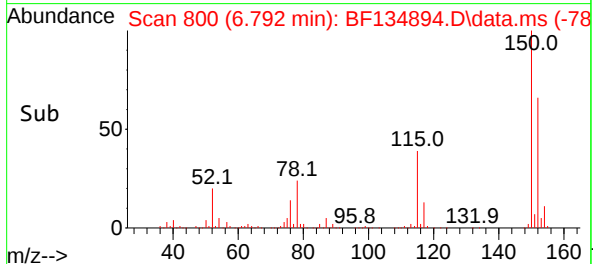
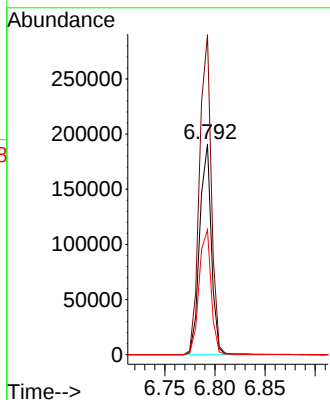
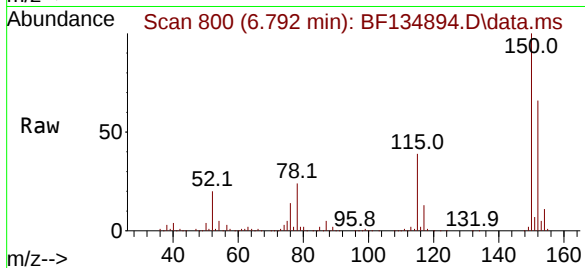




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.001 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

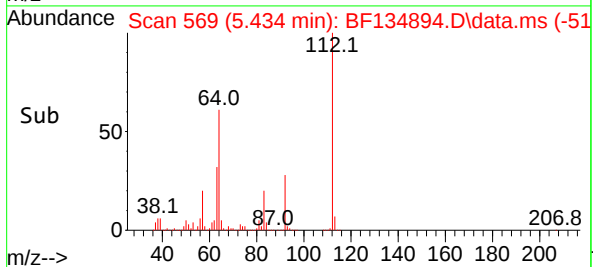
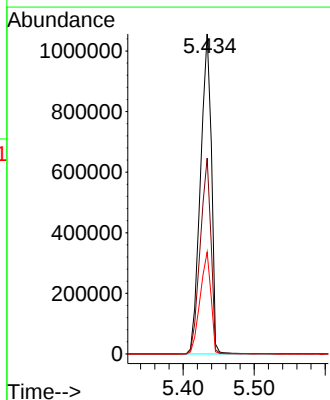
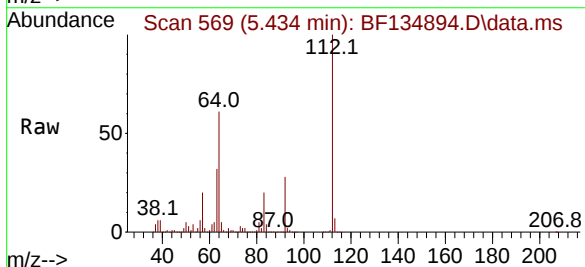
Instrument :
BNA_F
ClientSampleId :
PB154969BL

Tgt Ion:152 Resp: 155467
Ion Ratio Lower Upper
152 100
150 151.9 126.1 189.1
115 59.3 51.1 76.7



#5
2-Fluorophenol
Concen: 116.849 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

Tgt Ion:112 Resp: 1139193
Ion Ratio Lower Upper
112 100
64 61.2 48.6 73.0
63 31.8 25.7 38.5



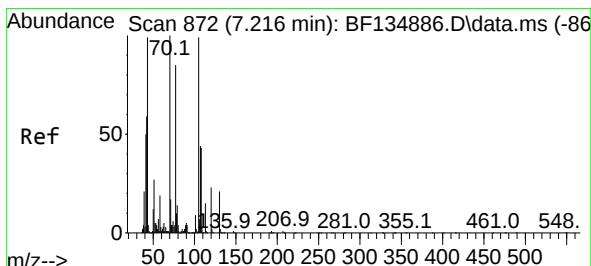
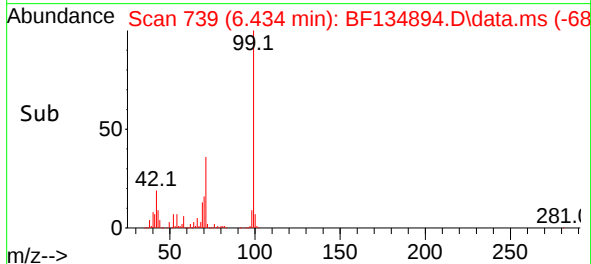
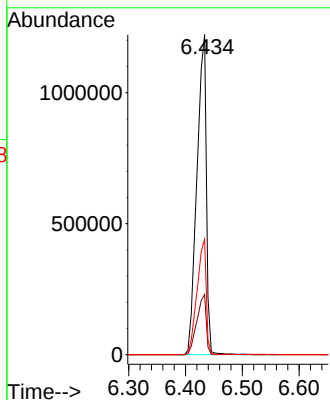
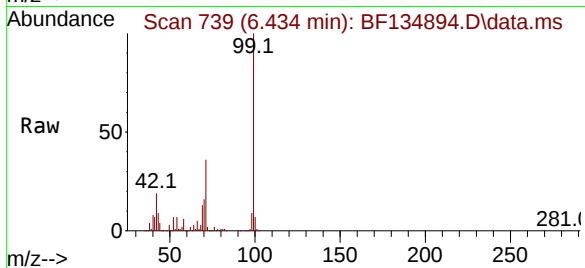


#7
Phenol-d6
Concen: 114.022 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

Instrument :
BNA_F
ClientSampleId :
PB154969BL

Tgt Ion: 99 Resp: 1420463

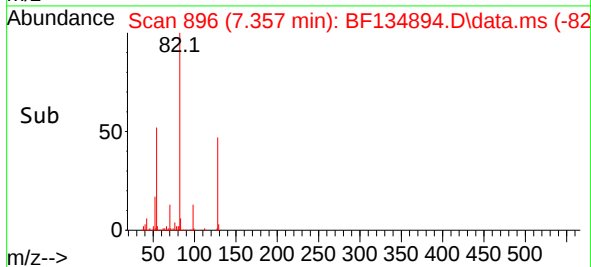
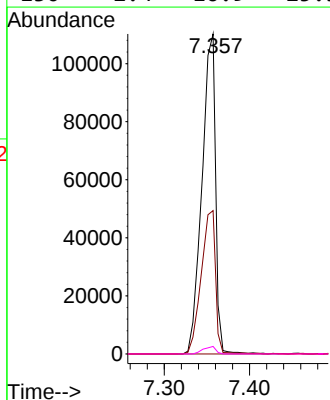
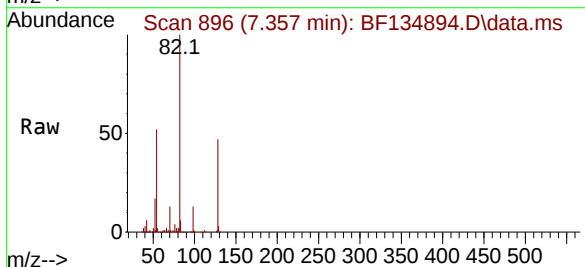
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	22.0
71	36.1	27.6	41.4

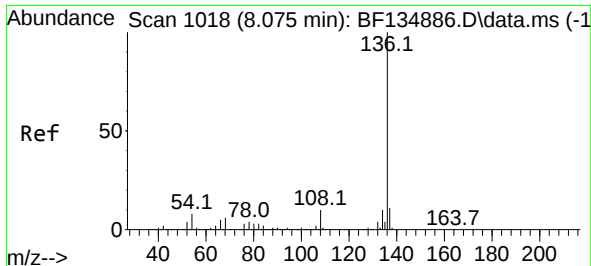


#19
n-Nitroso-di-n-propylamine
Concen: 16.816 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

Tgt Ion: 70 Resp: 122347

Ion	Ratio	Lower	Upper
70	100		
42	44.8	46.9	70.3#
101	0.0	7.5	11.3#
130	2.4	16.9	25.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

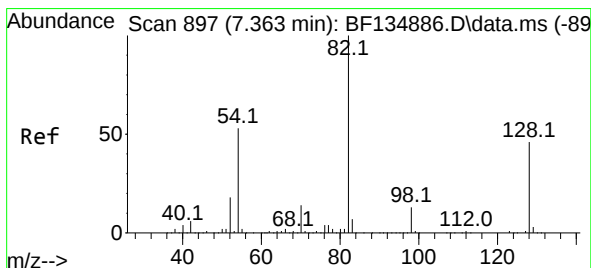
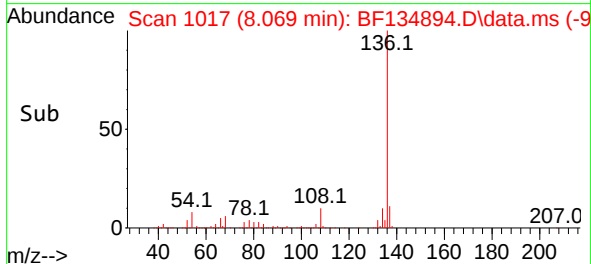
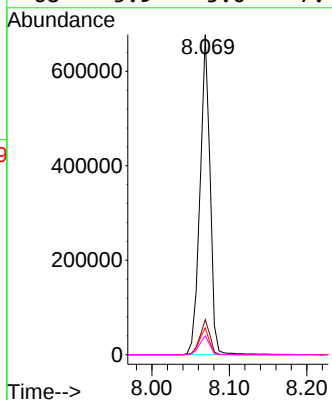
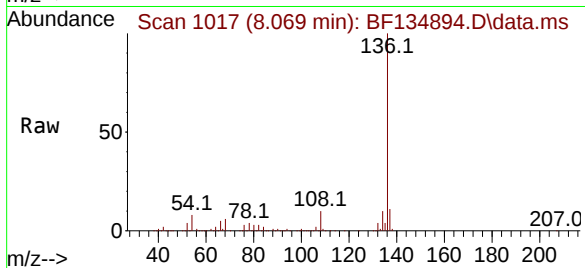
Instrument :

BNA_F

ClientSampleId :

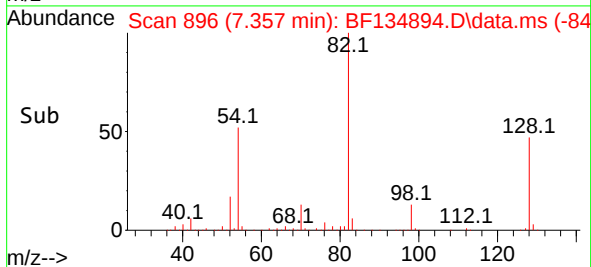
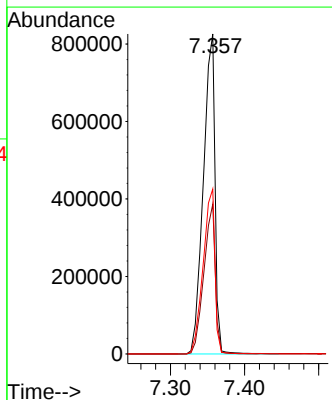
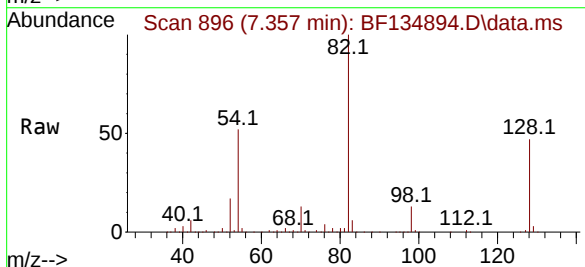
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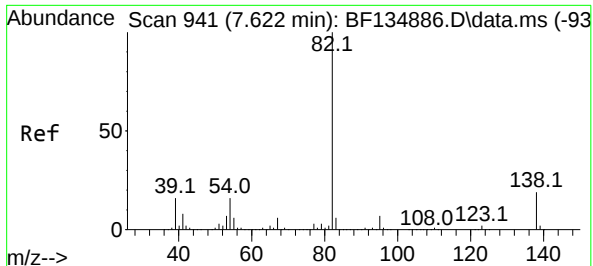
Tgt Ion:136 Resp: 608846
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.3 6.6 9.8
68 5.9 5.0 7.4



#23
Nitrobenzene-d5
Concen: 82.239 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

Tgt Ion: 82 Resp: 908669
Ion Ratio Lower Upper
82 100
128 46.8 36.6 54.8
54 51.6 42.6 63.8

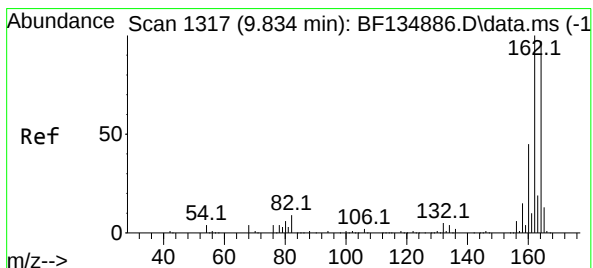
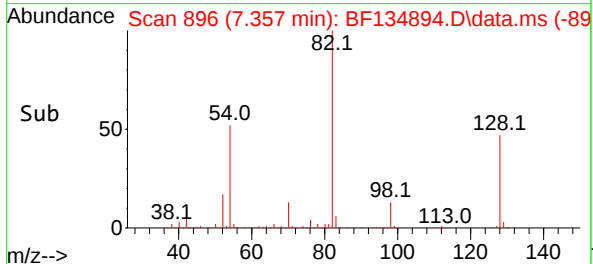
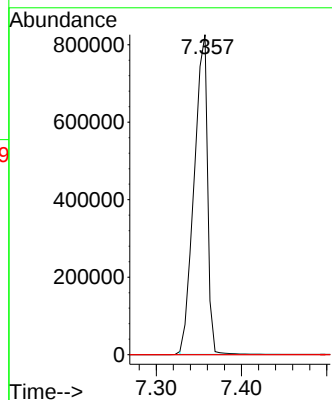
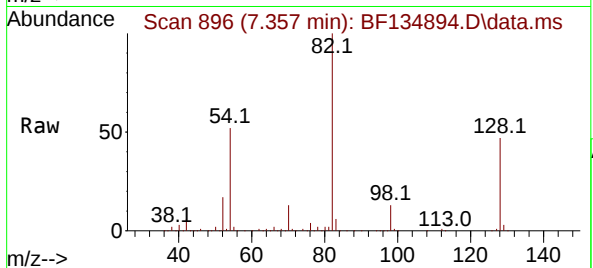




#25
Isophorone
Concen: 43.635 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

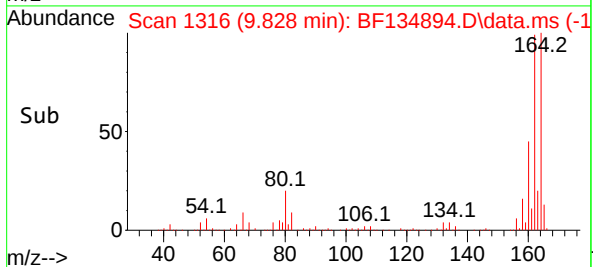
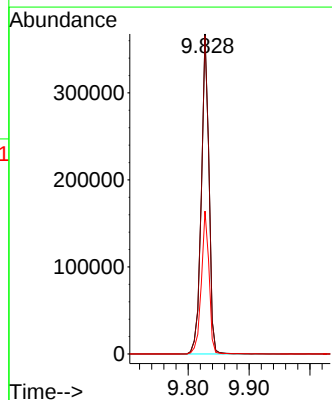
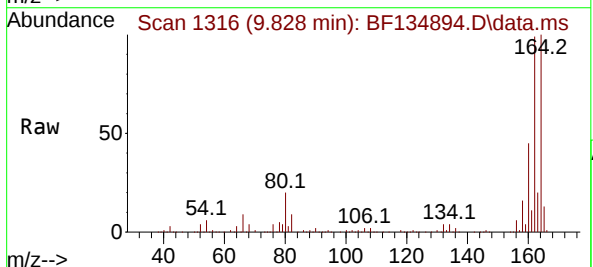
Instrument :
BNA_F
ClientSampleId :
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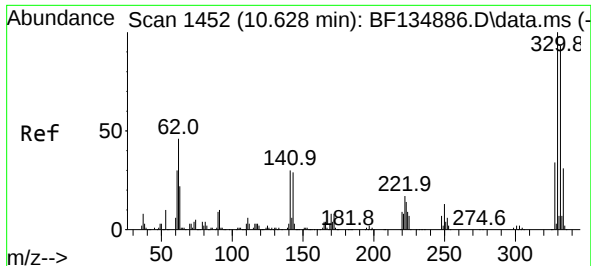
Tgt Ion: 82 Resp: 900266
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

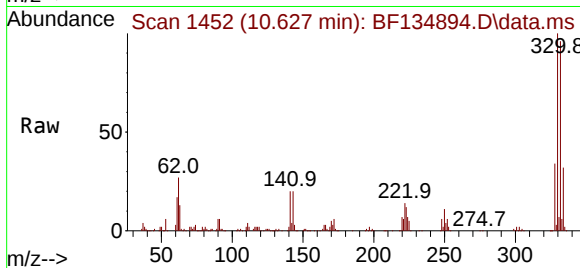
Tgt Ion:164 Resp: 318630
Ion Ratio Lower Upper
164 100
162 99.5 82.6 123.8
160 44.7 37.0 55.4



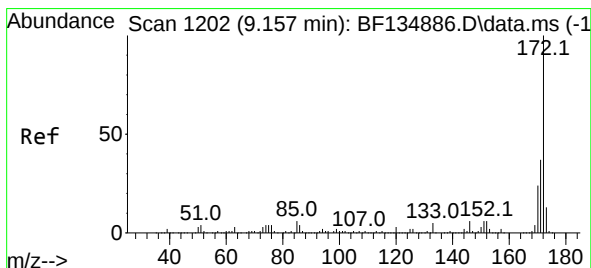
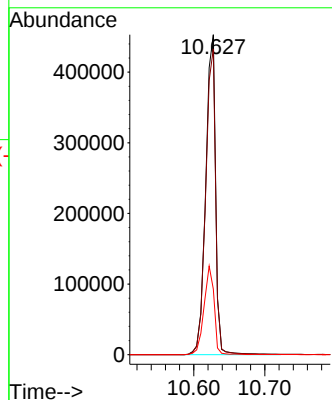
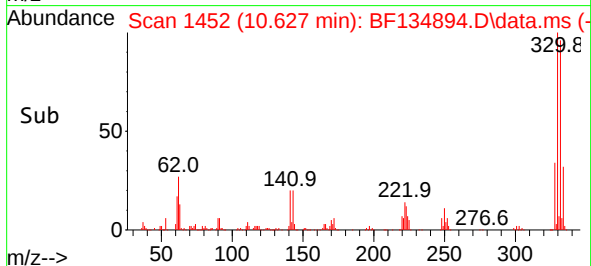


#42
2,4,6-Tribromophenol
Concen: 117.193 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

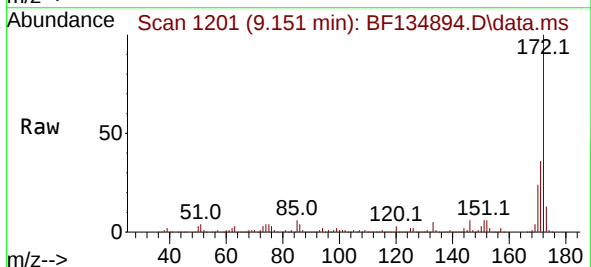
Instrument :
BNA_F
ClientSampleId :
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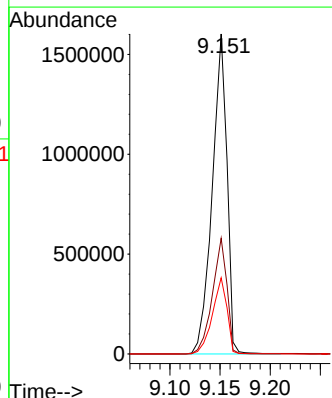
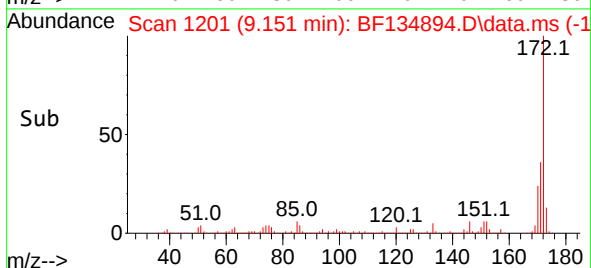
Tgt Ion:330 Resp: 439787
Ion Ratio Lower Upper
330 100
332 96.4 76.3 114.5
141 28.4 23.4 35.2

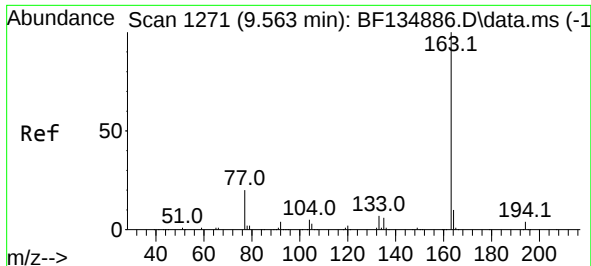


#45
2-Fluorobiphenyl
Concen: 79.469 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29



Tgt Ion:172 Resp: 1637967
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.8 19.6 29.4

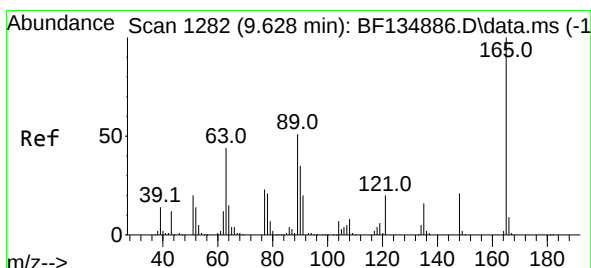
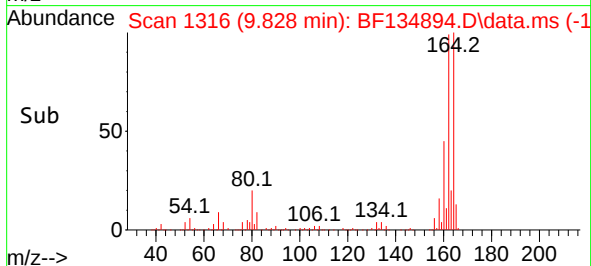
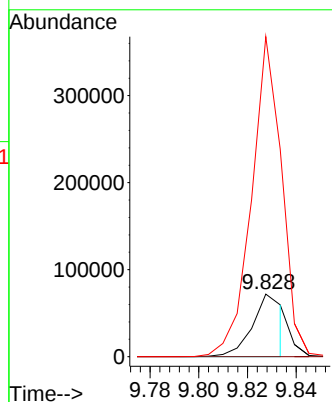
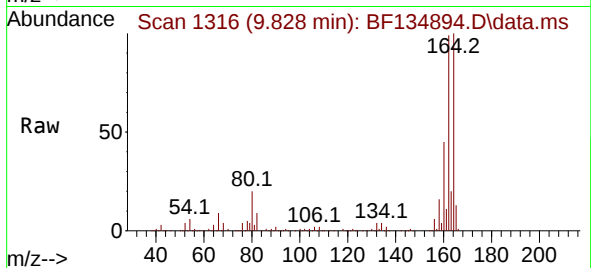




#50
Dimethylphthalate
Concen: 2.754 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

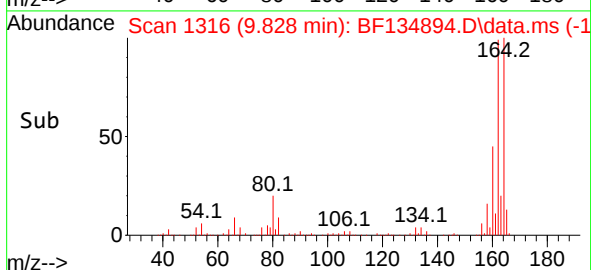
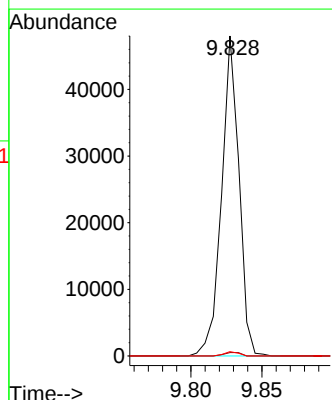
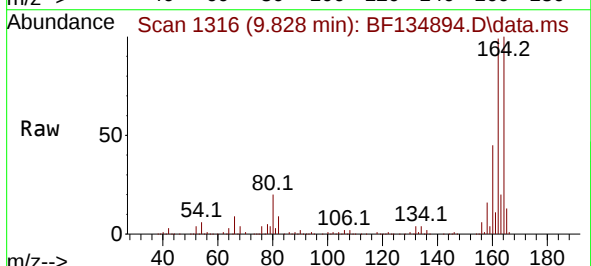
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ClientSampleId :
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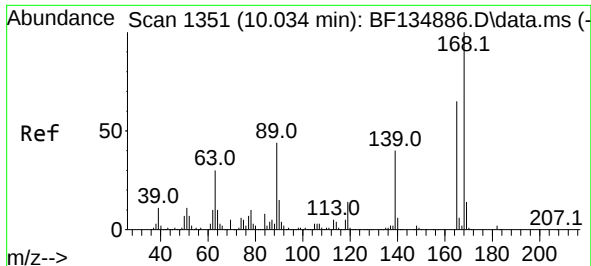
Tgt Ion:163 Resp: 62454
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 511.0 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 8.176 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

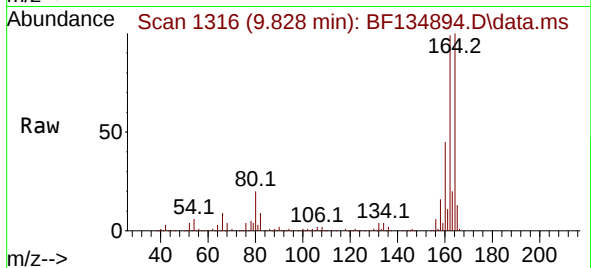
Tgt Ion:165 Resp: 40897
Ion Ratio Lower Upper
165 100
63 1.1 41.4 62.2#
89 1.4 40.9 61.3#



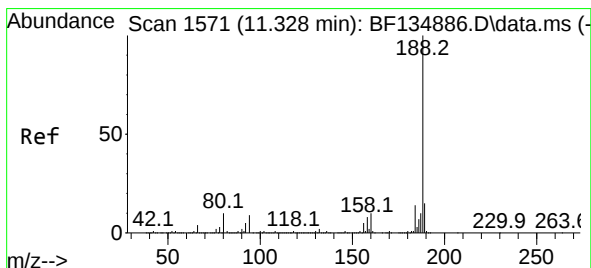
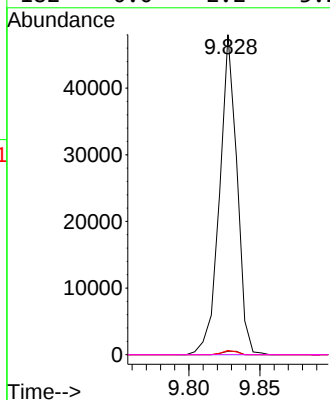
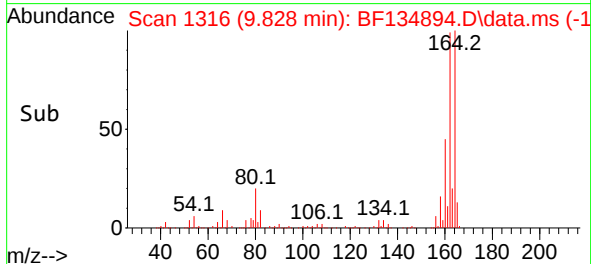


#57
2,4-Dinitrotoluene
Concen: 6.611 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

Instrument :
BNA_F
ClientSampleId :
PB154969BL

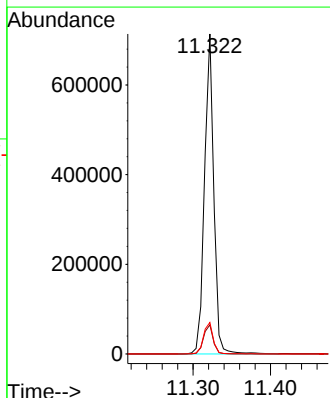
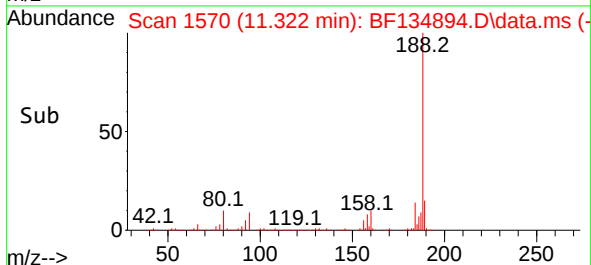
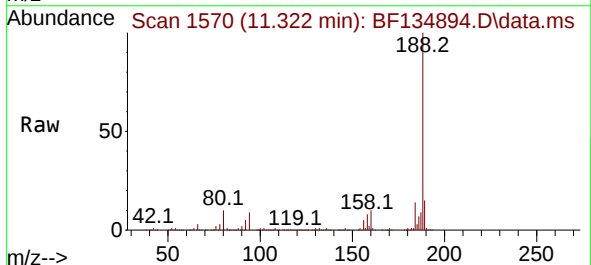


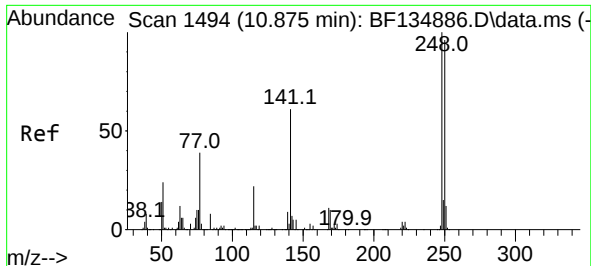
Tgt Ion:165 Resp: 40897
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.4 54.2 81.4#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

Tgt Ion:188 Resp: 593471
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.9 7.8 11.6

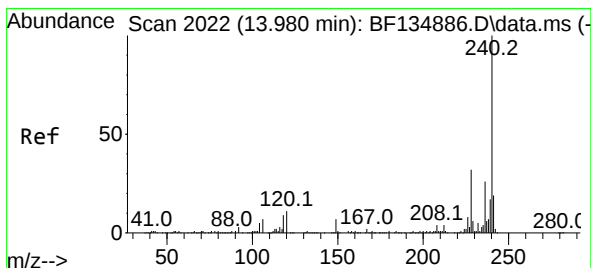
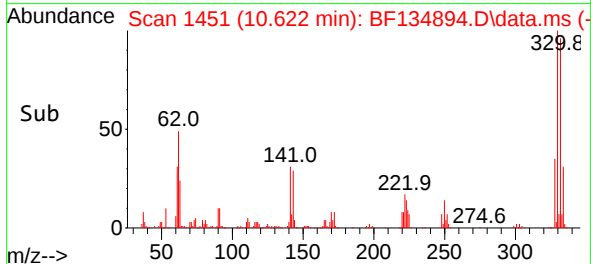
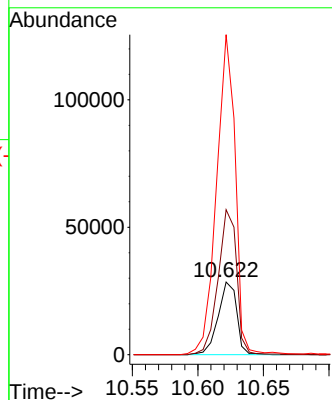
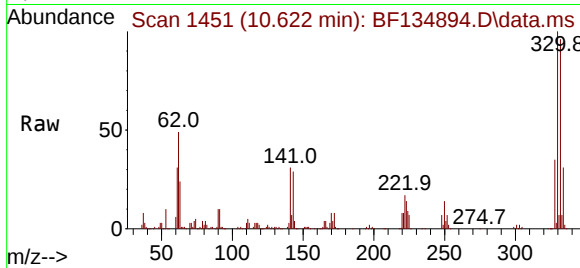




#67
4-Bromophenyl-phenylether
Concen: 4.104 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

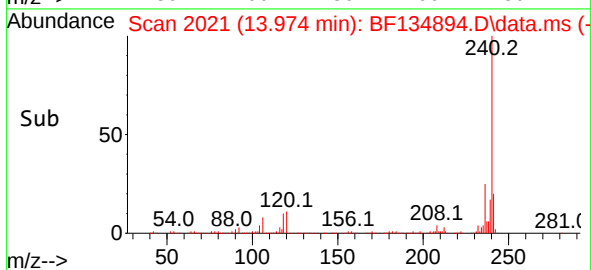
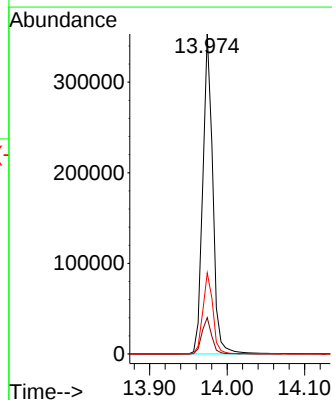
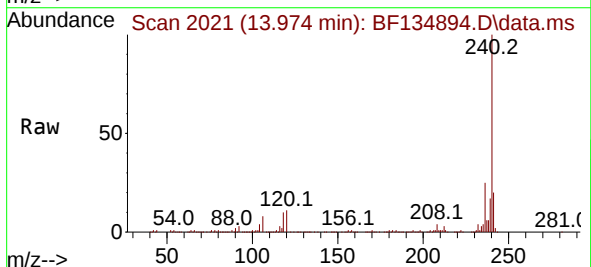
Instrument :
BNA_F
ClientSampleId :
PB154969BL

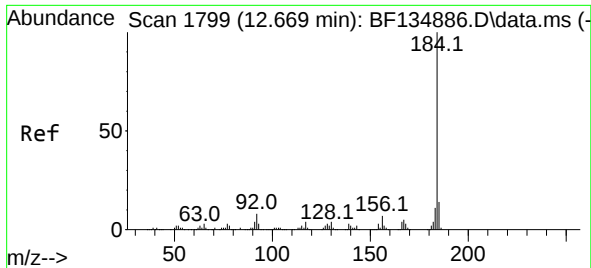
Tgt Ion:248 Resp: 28101
Ion Ratio Lower Upper
248 100
250 199.6 77.1 115.7#
141 440.5 49.0 73.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

Tgt Ion:240 Resp: 316943
Ion Ratio Lower Upper
240 100
120 11.3 8.6 12.8
236 25.4 20.6 31.0

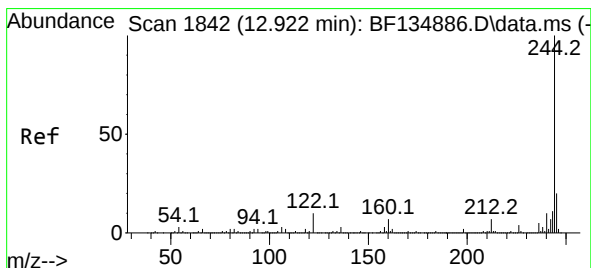
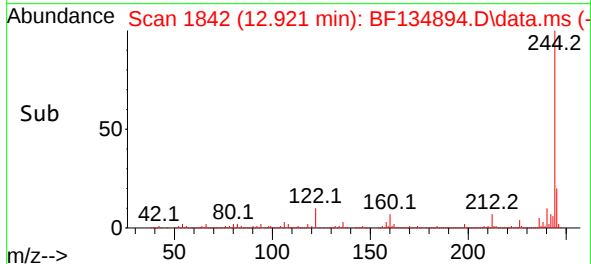
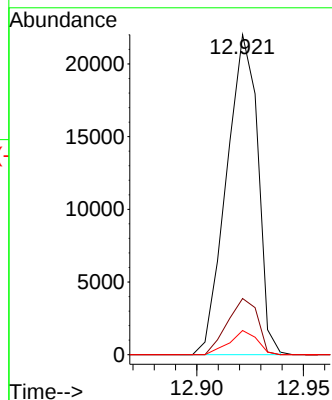
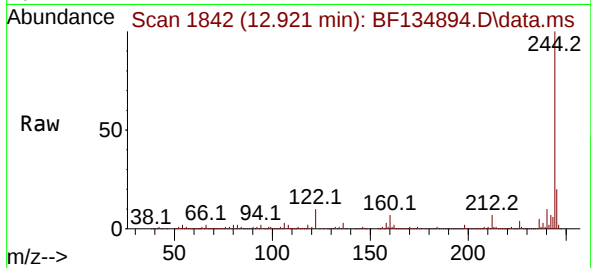




#77
Benzidine
Concen: 4.383 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.252 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

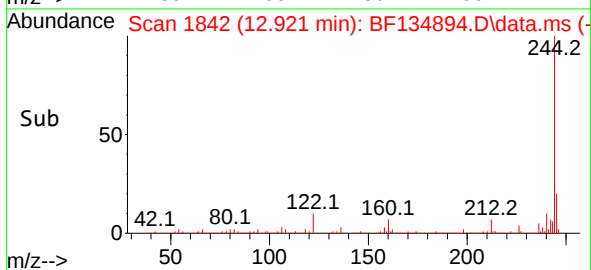
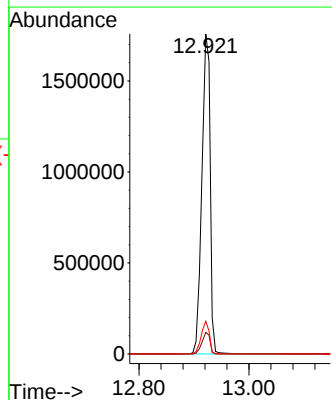
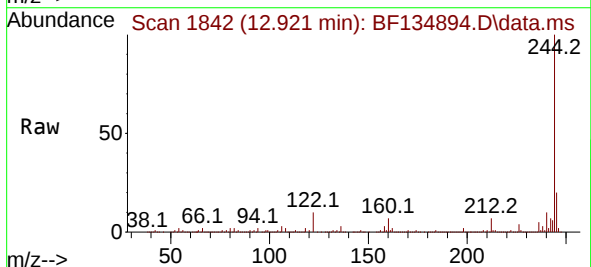
Instrument :
BNA_F
ClientSampleId :
PB154969BL

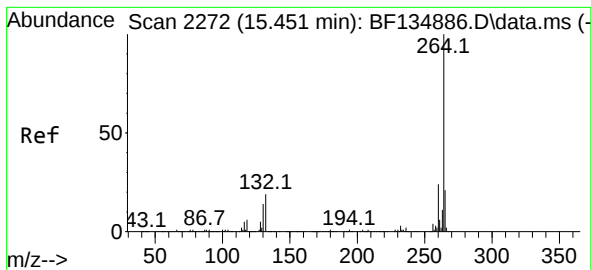
Tgt Ion:184 Resp: 22537
Ion Ratio Lower Upper
184 100
185 17.6 11.4 17.0#
183 7.6 9.0 13.4#



#79
Terphenyl-d14
Concen: 80.404 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.001 min
Lab File: BF134894.D
Acq: 23 Aug 2023 09:29

Tgt Ion:244 Resp: 1852797
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 10.2 8.2 12.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134894.D

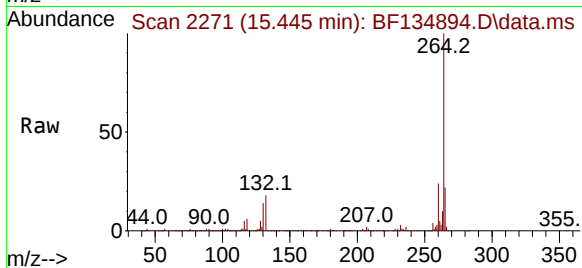
Acq: 23 Aug 2023 09:29

Instrument :

BNA_F

ClientSampleId :

PB154969BL



Tgt Ion:264 Resp: 318616

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.6 17.1 25.7

