

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120823\
 Data File : BF136470.D
 Acq On : 08 Dec 2023 16:35
 Operator : CG\JU
 Sample : 05629-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11985

Quant Time: Dec 08 17:01:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

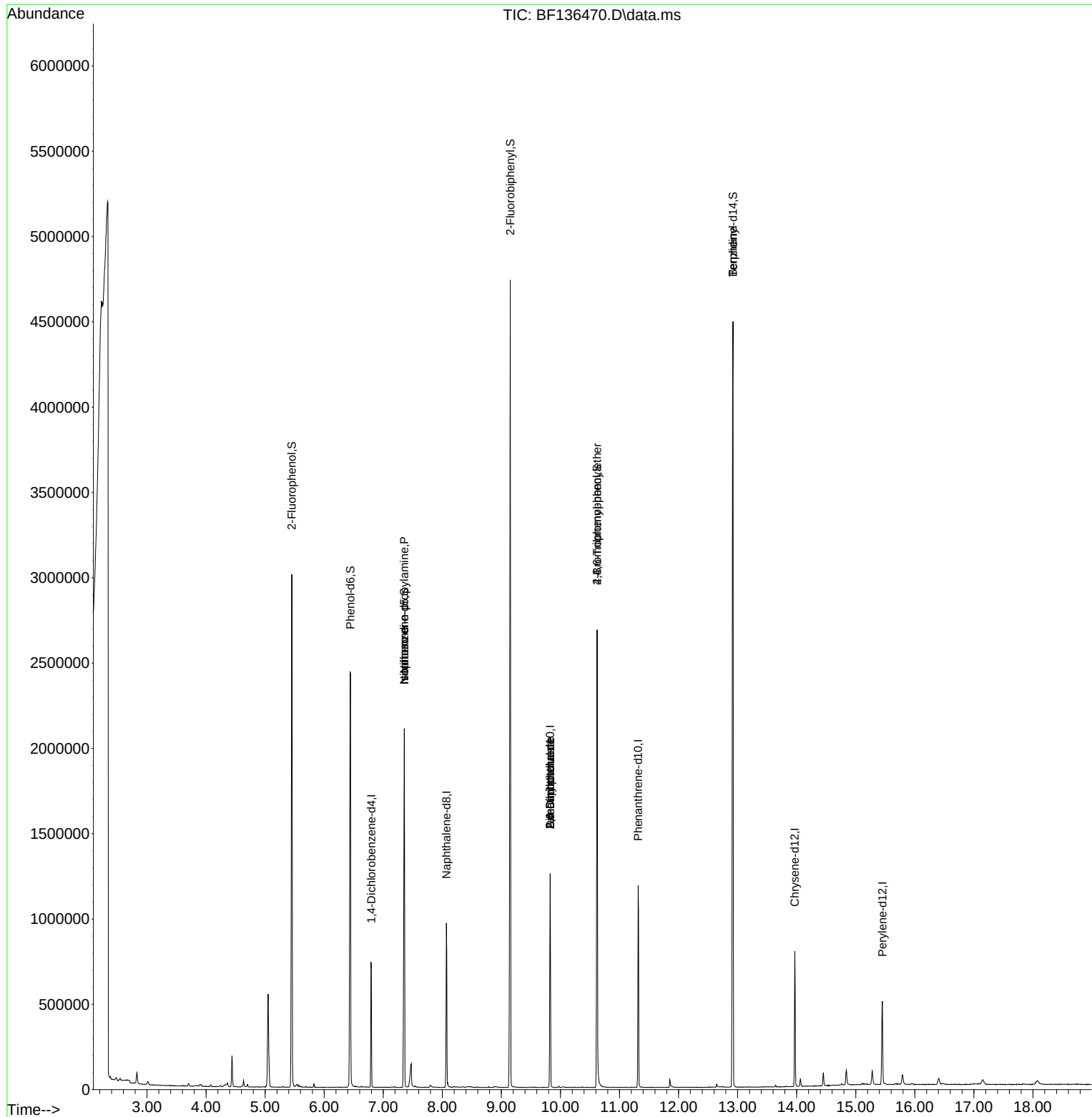
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	113497	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	452292	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	239167	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	447579	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	258926	20.000	ng	#-0.01
86) Perylene-d12	15.451	264	226804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	919760	119.679	ng	0.02
7) Phenol-d6	6.445	99	1058379	110.380	ng	0.00
23) Nitrobenzene-d5	7.357	82	744822	89.025	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	378074	128.206	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1511902	86.257	ng	-0.01
79) Terphenyl-d14	12.921	244	1736624	88.402	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.351	77	280	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.357	70	95801	17.320	ng	# 77
25) Isophorone	7.357	82	744815	49.552	ng	# 65
50) Dimethylphthalate	9.828	163	48931	2.779	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	30225	7.630	ng	# 29
57) 2,4-Dinitrotoluene	9.828	165	30225	5.768	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	23330	4.483	ng	# 1
77) Benzidine	12.921	184	19998	4.590	ng	# 92

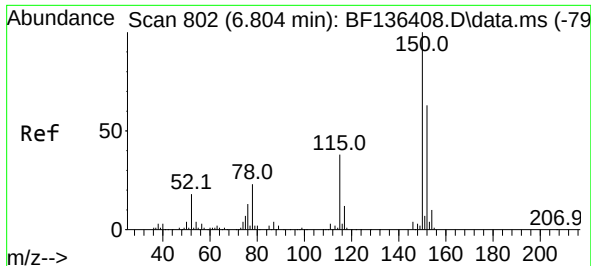
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 06 09:40:27 2023
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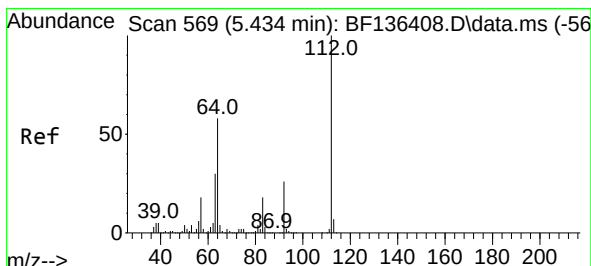
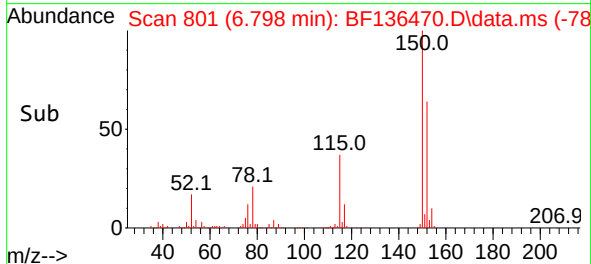
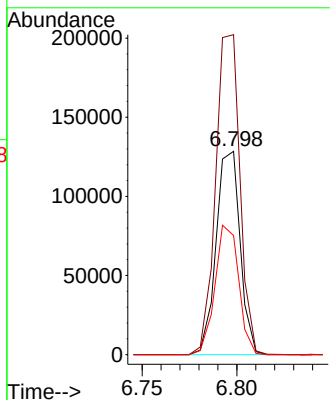
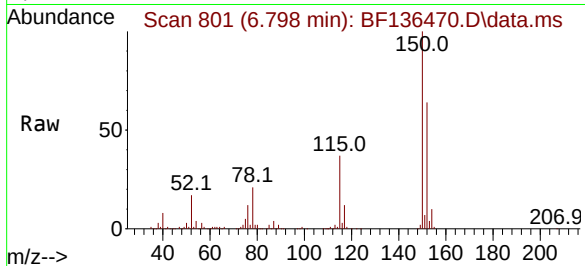




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

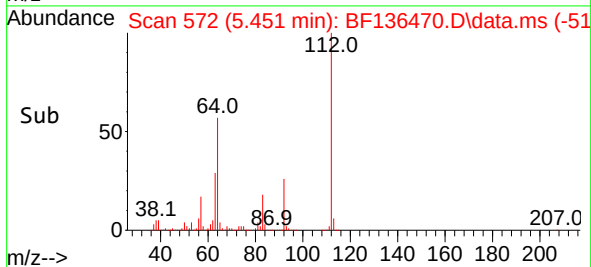
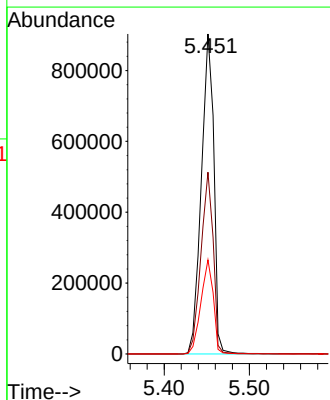
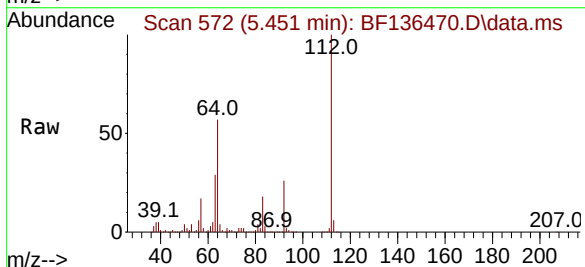
Instrument :
BNA_F
ClientSampleId :
72-11985

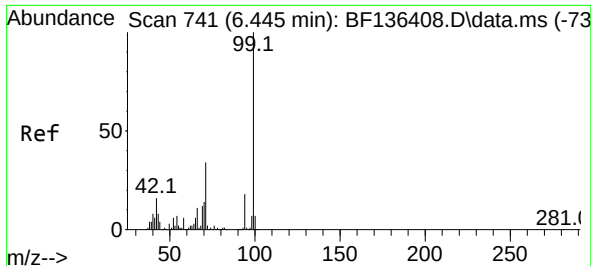
Tgt Ion:152 Resp: 113497
Ion Ratio Lower Upper
152 100
150 157.3 126.4 189.6
115 58.6 48.2 72.4



#5
2-Fluorophenol
Concen: 119.679 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

Tgt Ion:112 Resp: 919760
Ion Ratio Lower Upper
112 100
64 56.8 46.5 69.7
63 29.4 23.9 35.9

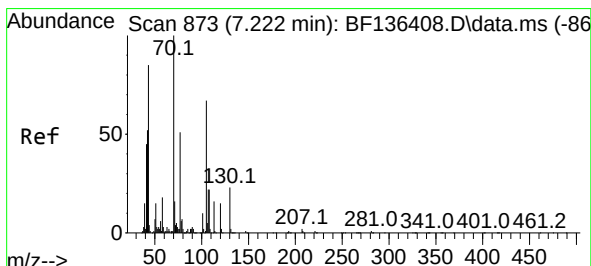
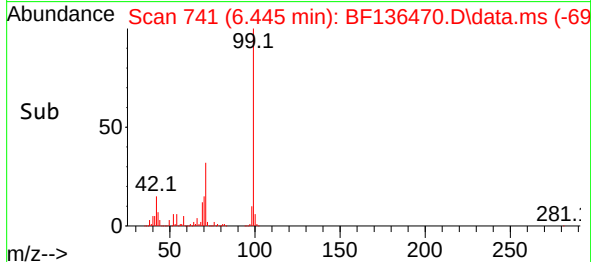
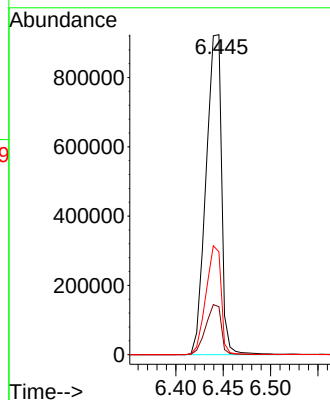
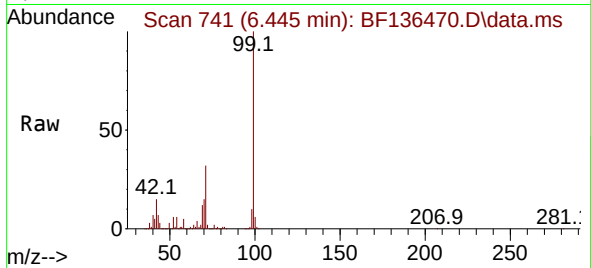




#7
Phenol-d6
Concen: 110.380 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

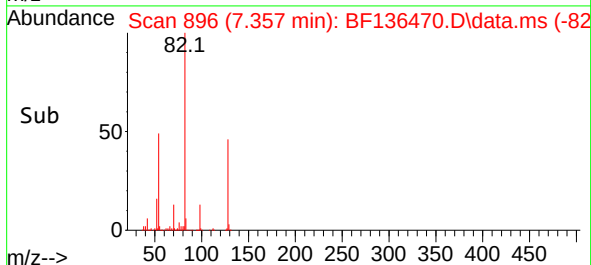
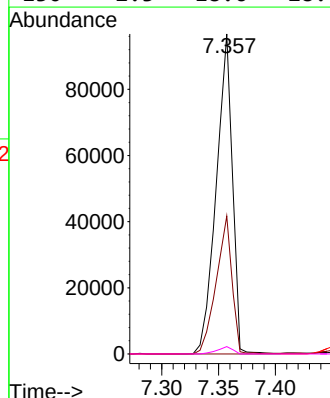
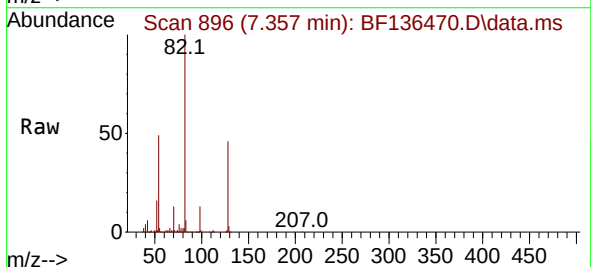
Instrument :
BNA_F
ClientSampleId :
72-11985

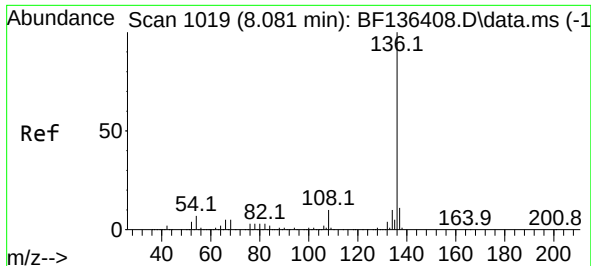
Tgt Ion: 99 Resp: 1058379
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 32.2 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.320 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

Tgt Ion: 70 Resp: 95801
Ion Ratio Lower Upper
70 100
42 43.1 41.4 62.0
101 0.0 8.2 12.4#
130 2.3 18.6 28.0#



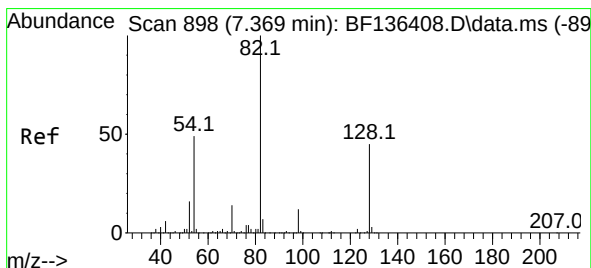
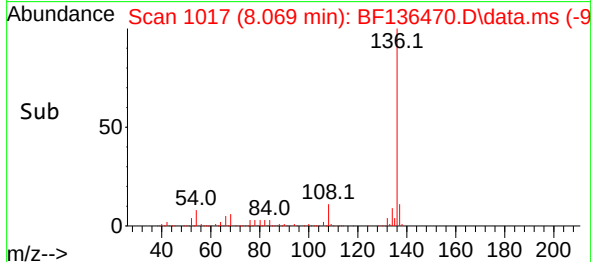
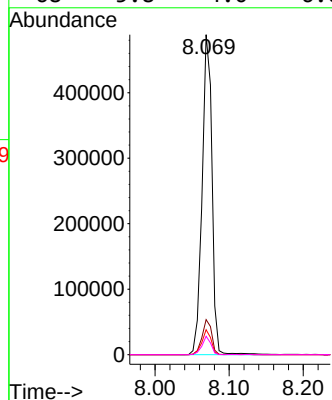
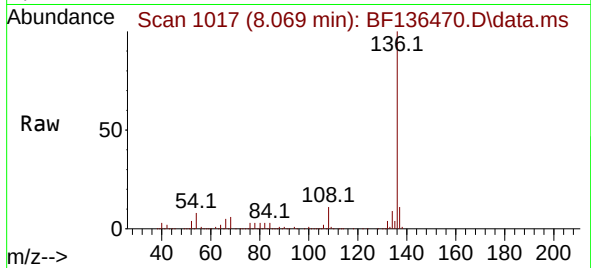


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

Instrument :
BNA_F
ClientSampleId :
72-11985

Tgt Ion:136 Resp: 452292

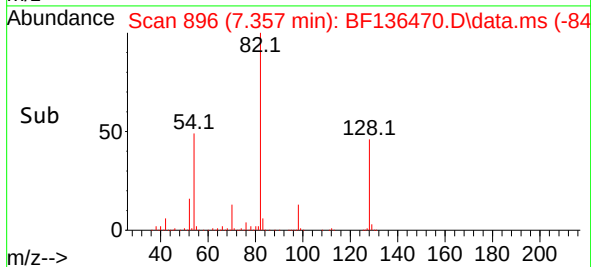
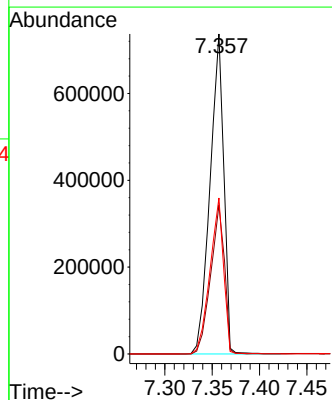
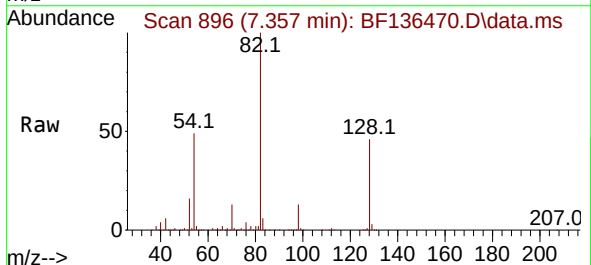
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.8	5.7	8.5
68	5.8	4.0	6.0

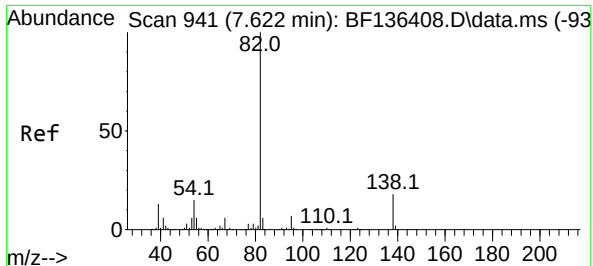


#23
Nitrobenzene-d5
Concen: 89.025 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

Tgt Ion: 82 Resp: 744822

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	48.7	39.0	58.6

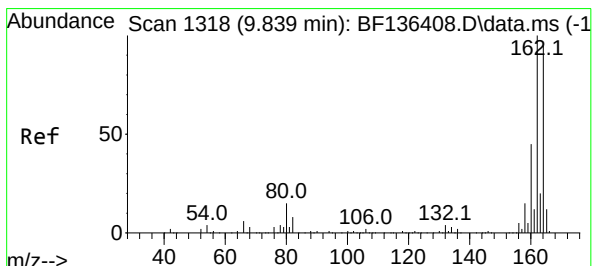
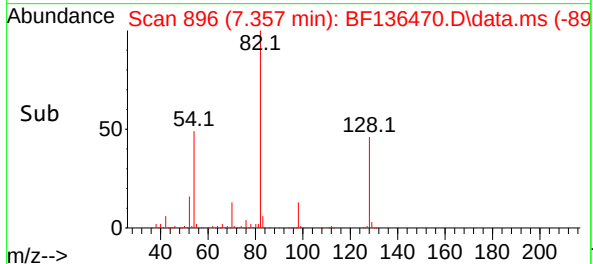
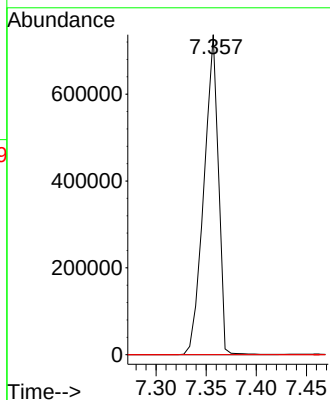
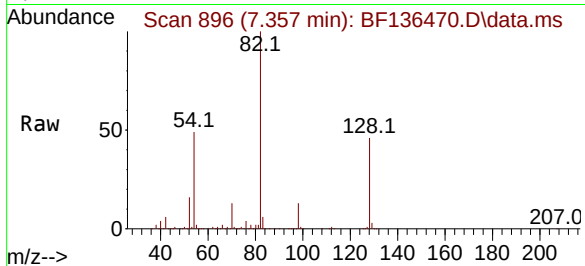




#25
Isophorone
Concen: 49.552 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

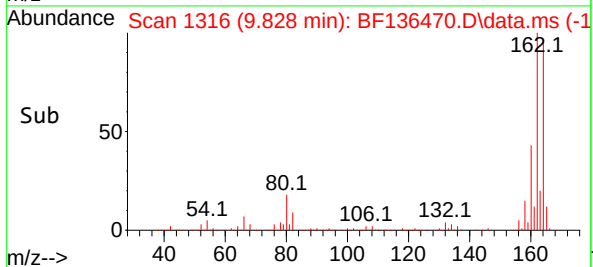
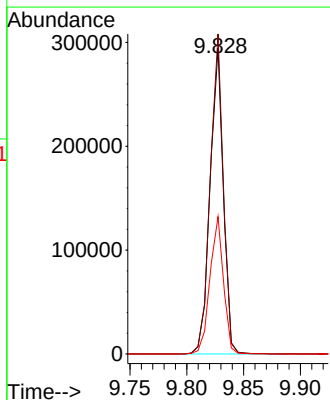
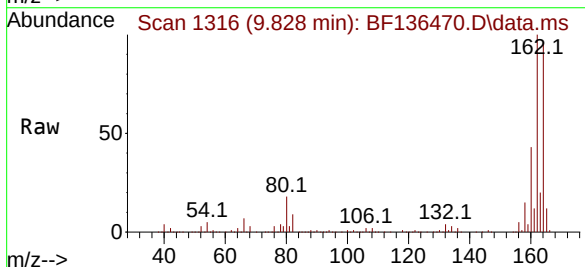
Instrument :
BNA_F
ClientSampleId :
72-11985

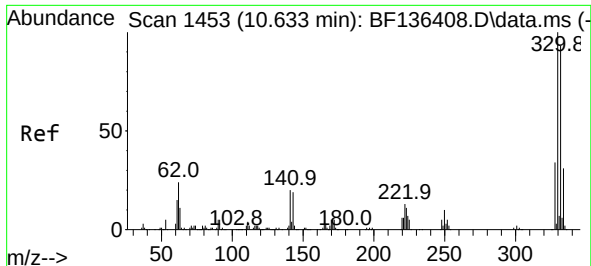
Tgt Ion: 82 Resp: 744815
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

Tgt Ion:164 Resp: 239167
Ion Ratio Lower Upper
164 100
162 104.6 84.4 126.6
160 44.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 128.206 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136470.D

Acq: 08 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

72-11985

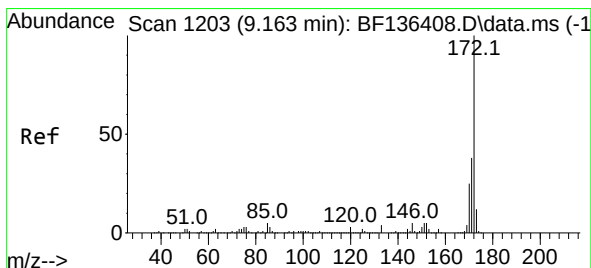
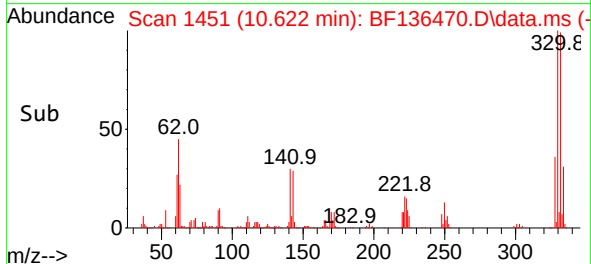
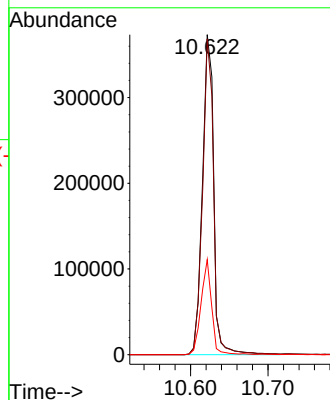
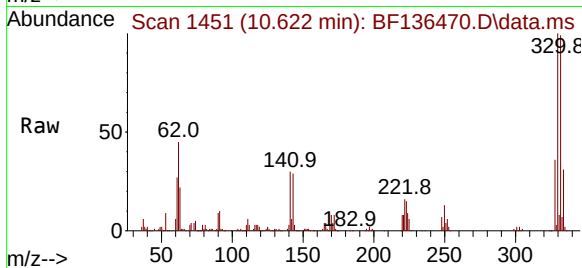
Tgt Ion:330 Resp: 378074

Ion Ratio Lower Upper

330 100

332 96.6 76.4 114.6

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 86.257 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136470.D

Acq: 08 Dec 2023 16:35

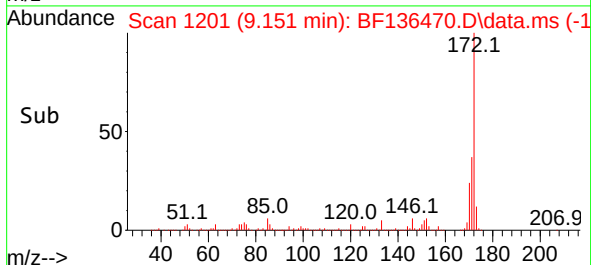
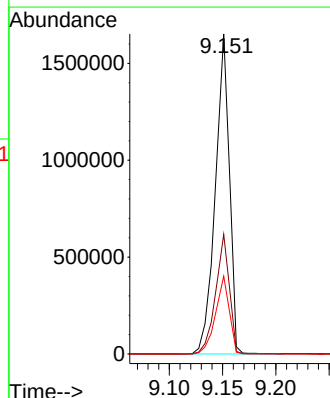
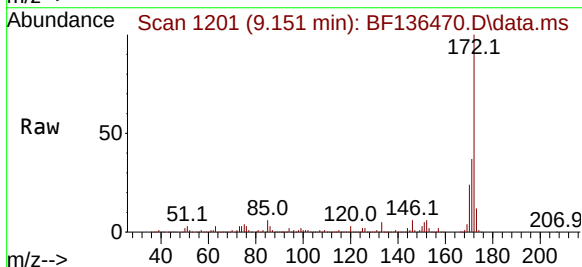
Tgt Ion:172 Resp: 1511902

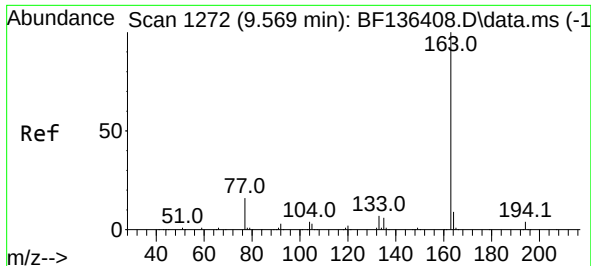
Ion Ratio Lower Upper

172 100

171 37.4 30.5 45.7

170 24.3 19.9 29.9

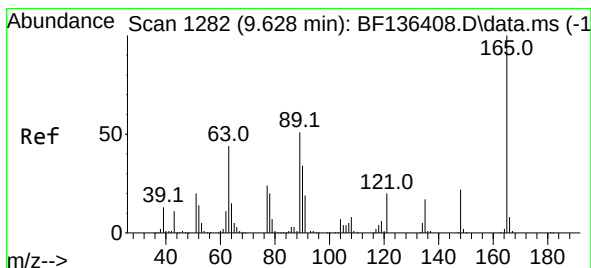
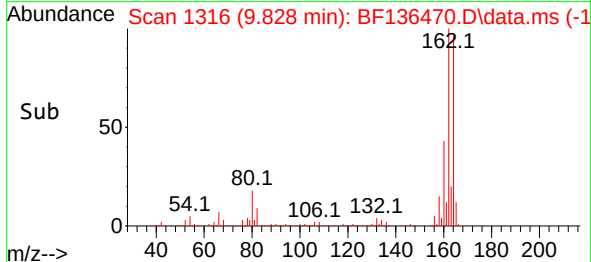
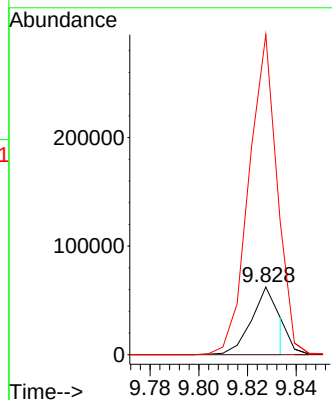
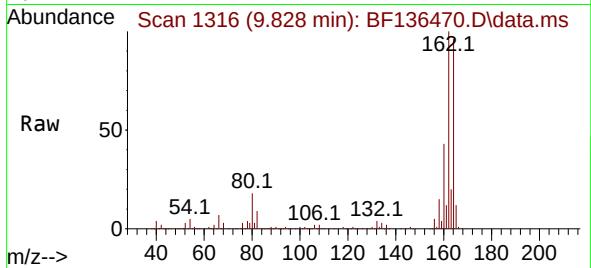




#50
Dimethylphthalate
Concen: 2.779 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

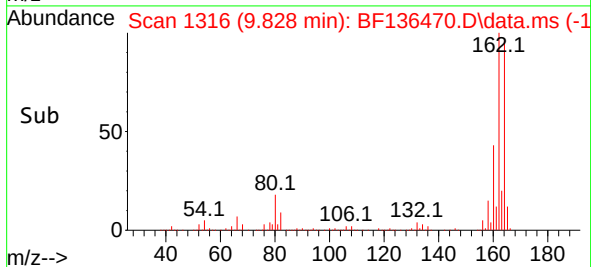
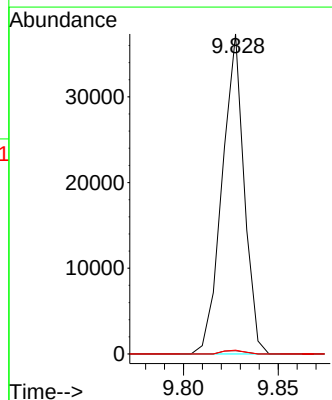
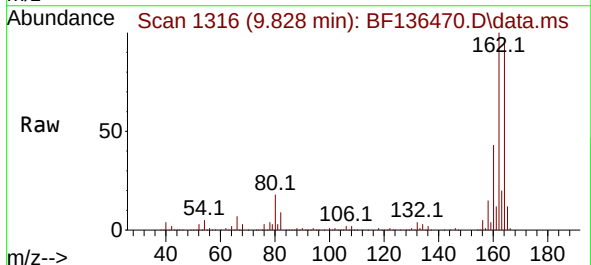
Instrument :
BNA_F
ClientSampleId :
72-11985

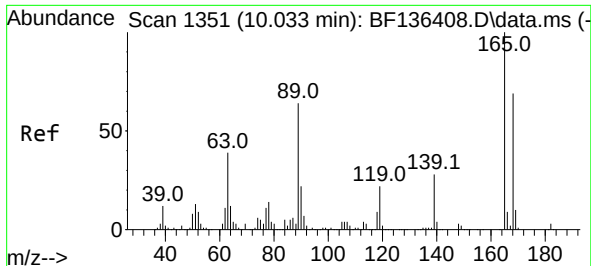
Tgt Ion:163 Resp: 48931
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 472.6 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.630 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

Tgt Ion:165 Resp: 30225
Ion Ratio Lower Upper
165 100
63 1.0 40.4 60.6#
89 1.2 40.6 60.8#

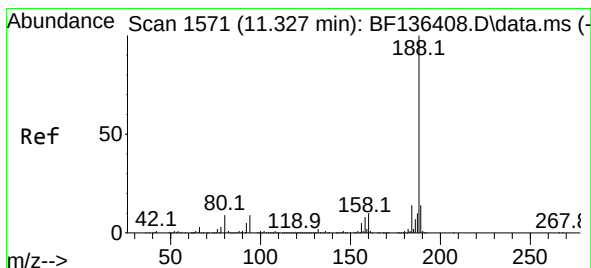
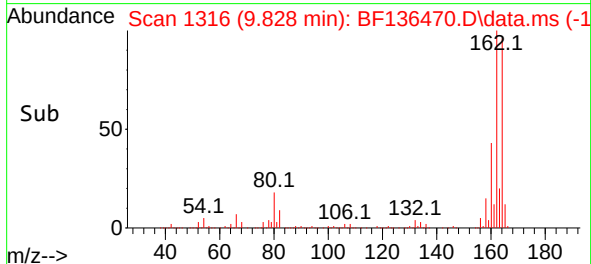
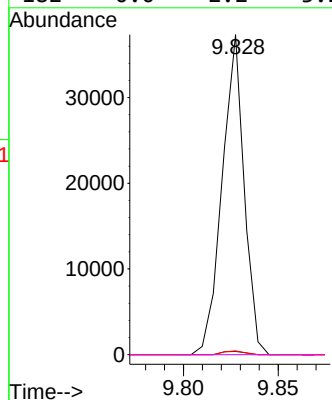
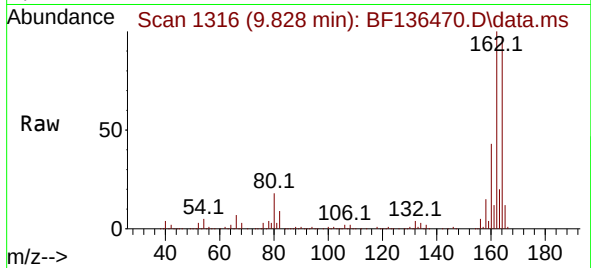




#57
2,4-Dinitrotoluene
Concen: 5.768 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

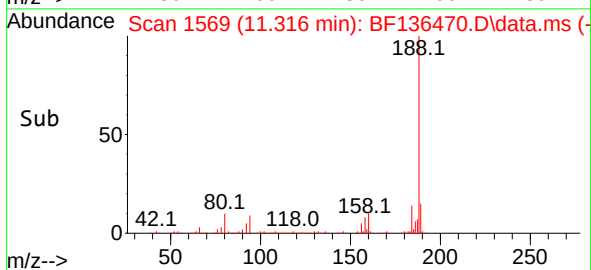
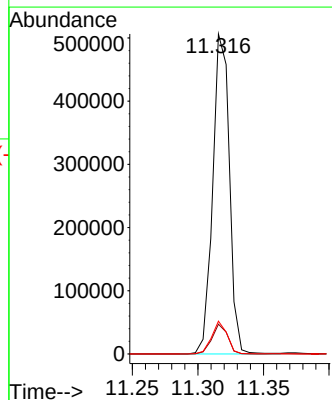
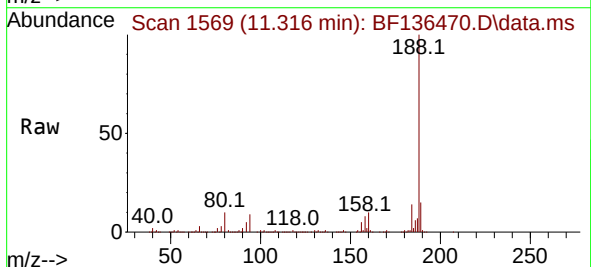
Instrument :
BNA_F
ClientSampleId :
72-11985

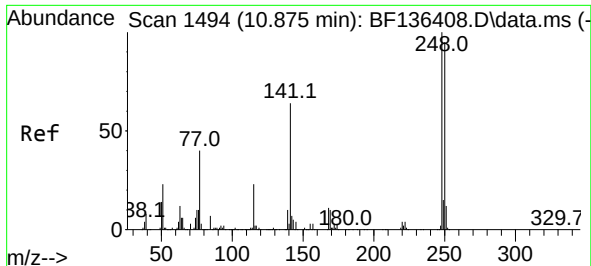
Tgt Ion:165 Resp: 30225
Ion Ratio Lower Upper
165 100
63 1.0 31.4 47.2#
89 1.2 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

Tgt Ion:188 Resp: 447579
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 10.3 7.2 10.8

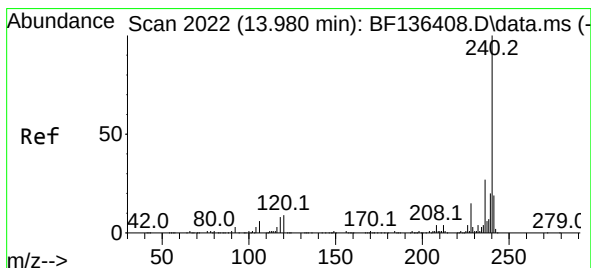
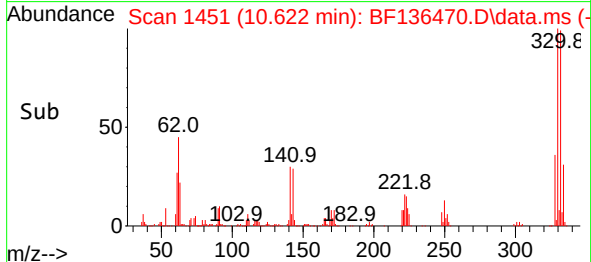
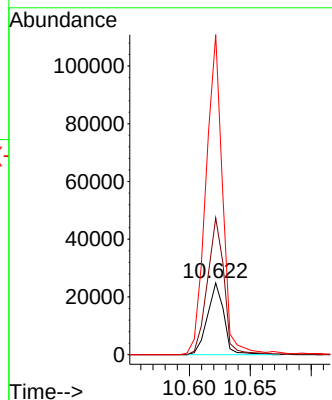
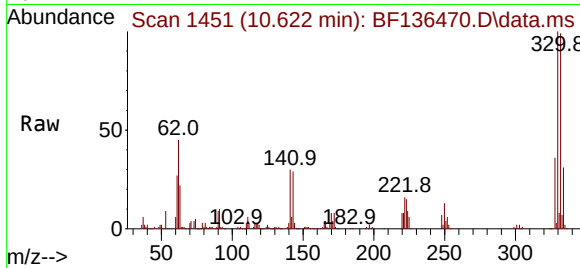




#67
4-Bromophenyl-phenylether
Concen: 4.483 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

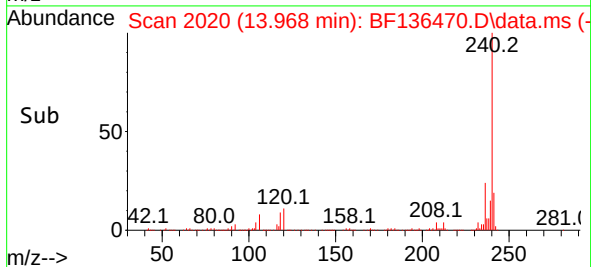
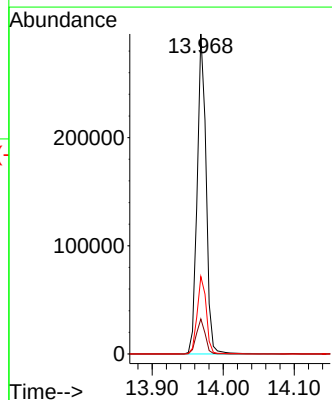
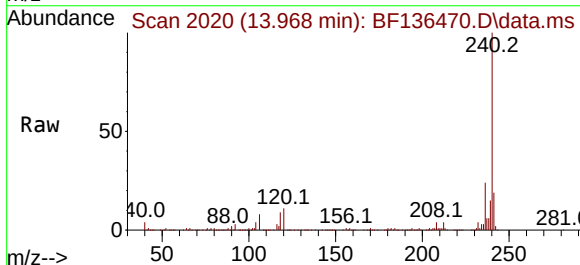
Instrument :
BNA_F
ClientSampleId :
72-11985

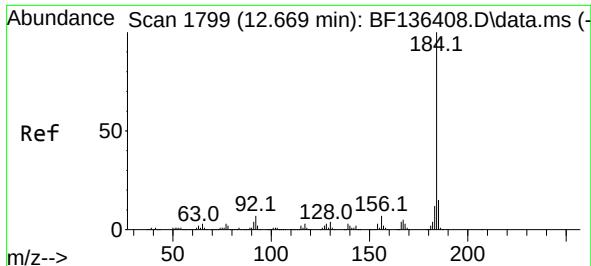
Tgt Ion	Ratio	Lower	Upper
248	100		
250	190.8	76.2	114.2#
141	446.3	51.0	76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	7.3	10.9#
236	24.2	21.3	31.9

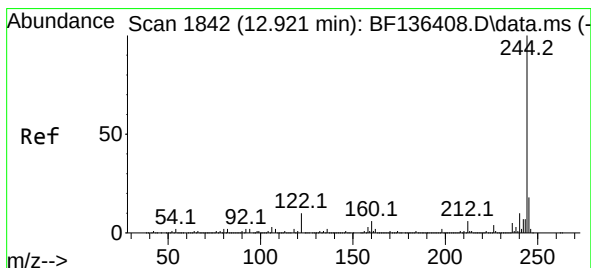
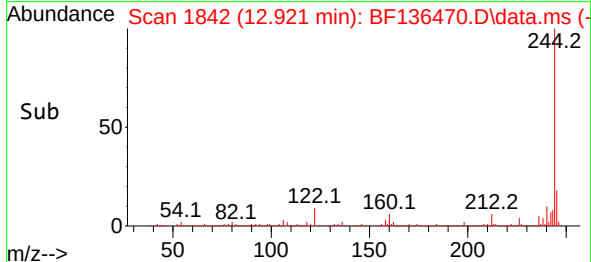
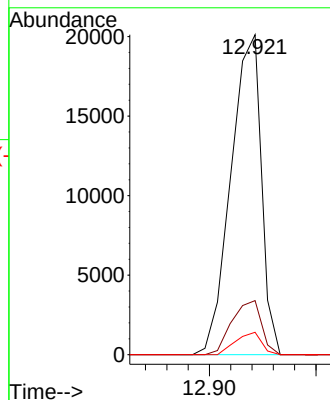
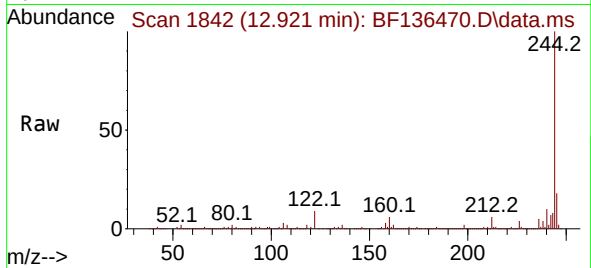




#77
Benzidine
Concen: 4.590 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.252 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

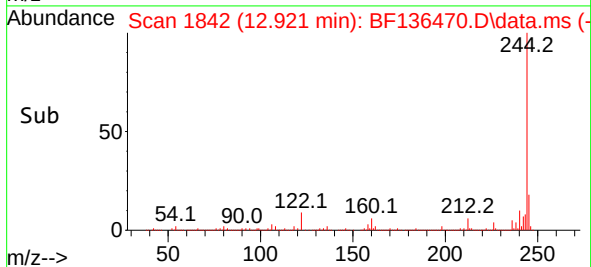
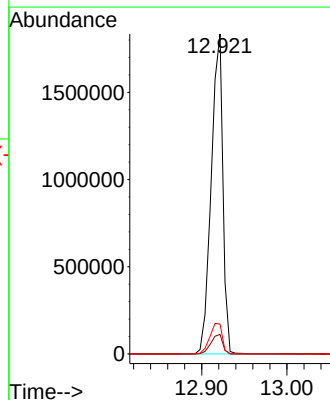
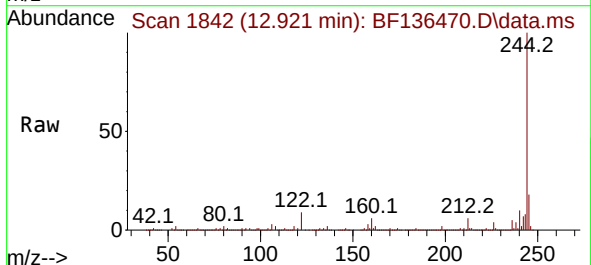
Instrument :
BNA_F
ClientSampleId :
72-11985

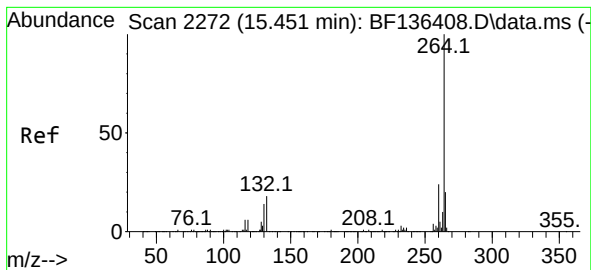
Tgt Ion:184 Resp: 19998
Ion Ratio Lower Upper
184 100
185 16.9 12.0 18.0
183 7.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 88.402 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136470.D
Acq: 08 Dec 2023 16:35

Tgt Ion:244 Resp: 1736624
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 9.3 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136470.D

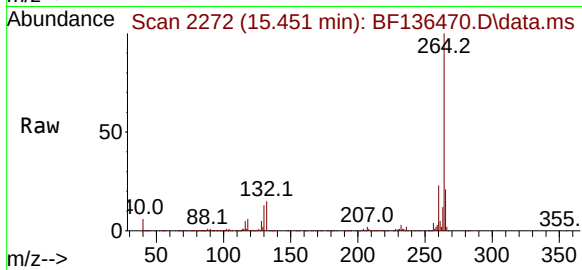
Acq: 08 Dec 2023 16:35

Instrument :

BNA_F

ClientSampleId :

72-11985



Tgt Ion:264 Resp: 226804

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.9 15.9 23.9

