

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136501.D
 Acq On : 11 Dec 2023 20:53
 Operator : CG\JU
 Sample : 05671-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-34

Quant Time: Dec 11 23:46:56 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)

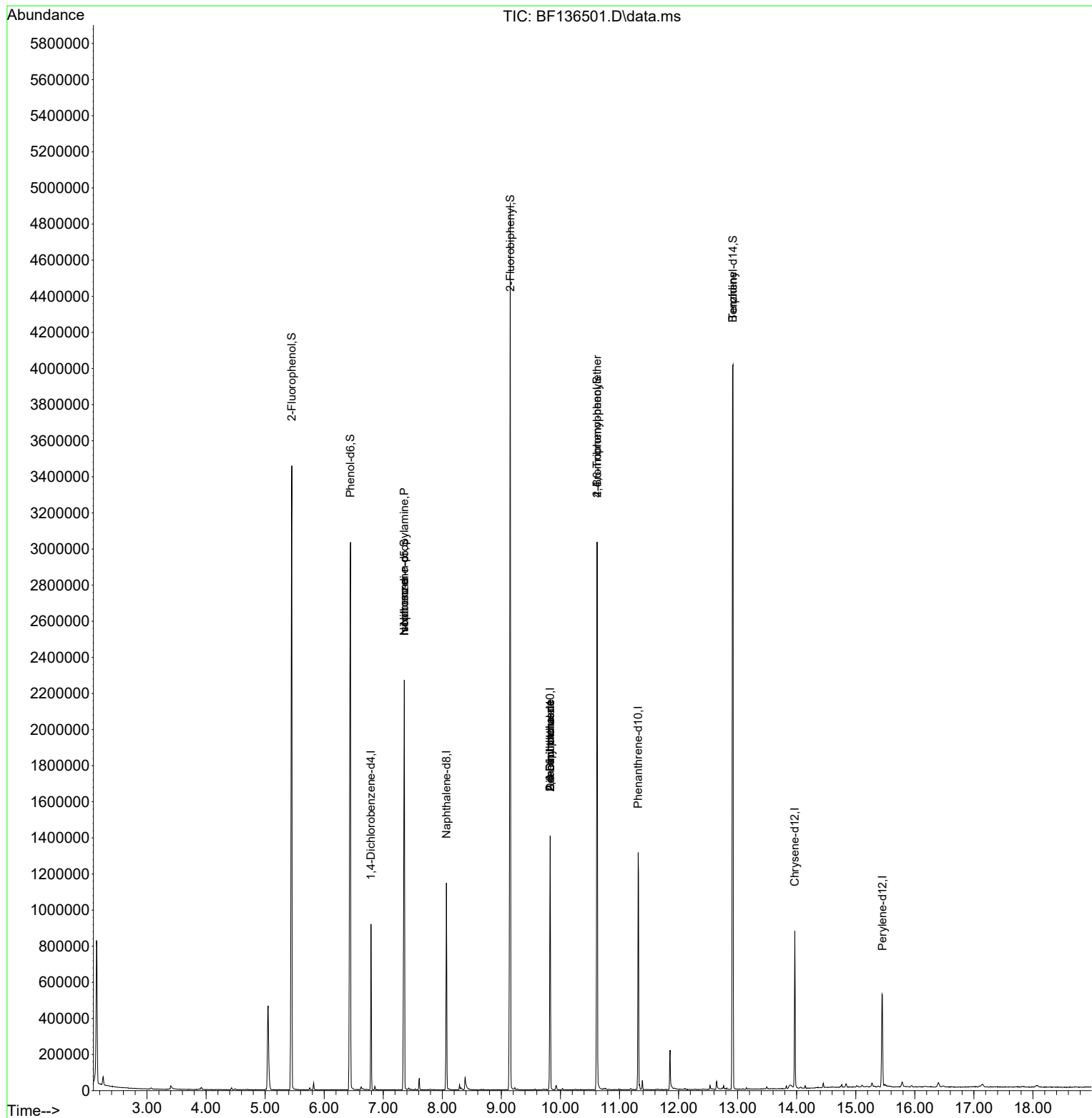
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	127791	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	511474	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	272837	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	506962	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	267223	20.000	ng	-0.01
86) Perylene-d12	15.451	264	256142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1118993	129.317	ng	0.02
7) Phenol-d6	6.445	99	1396476	129.351	ng	0.00
23) Nitrobenzene-d5	7.357	82	857364	90.619	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	421411	125.267	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1620121	81.025	ng	-0.01
79) Terphenyl-d14	12.921	244	1640977	80.939	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.445	77	1961	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	109860	17.640	ng	# 76
25) Isophorone	7.357	82	857344	50.438	ng	# 65
50) Dimethylphthalate	9.827	163	55891	2.782	ng	# 1
51) 2,6-Dinitrotoluene	9.827	165	35278	7.806	ng	# 29
57) 2,4-Dinitrotoluene	9.827	165	35278	5.901	ng	# 28
67) 4-Bromophenyl-phenylether	10.622	248	25469	4.321	ng	# 1
77) Benzidine	12.916	184	19342	4.035	ng	# 94

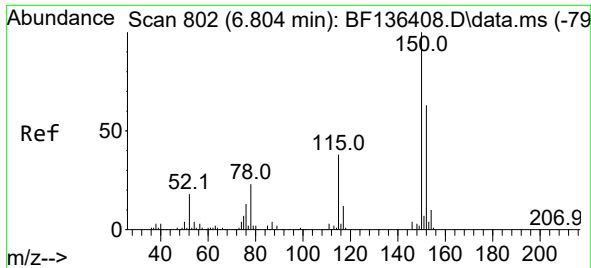
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration

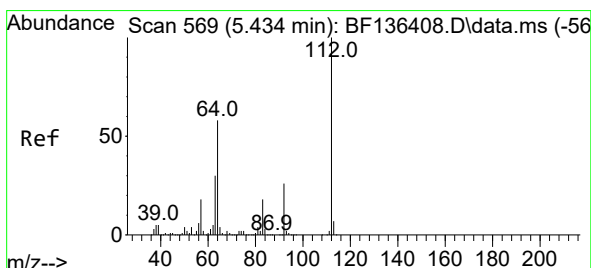
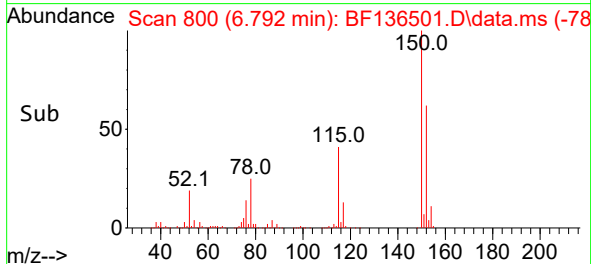
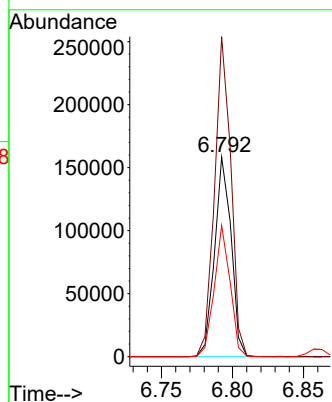
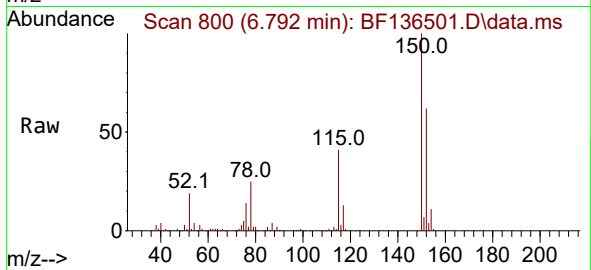




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF136501.D
 Acq: 11 Dec 2023 20:53

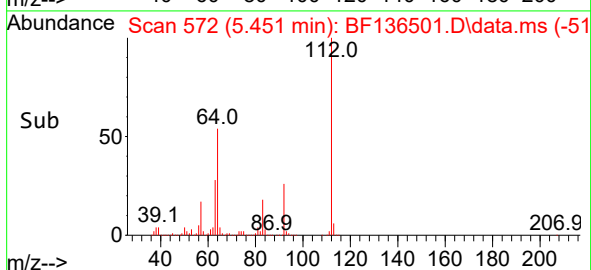
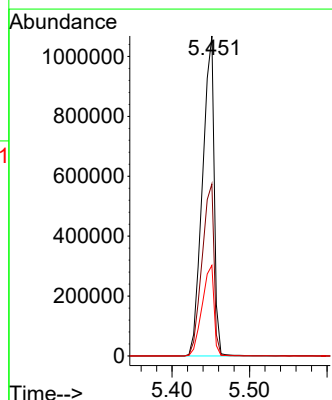
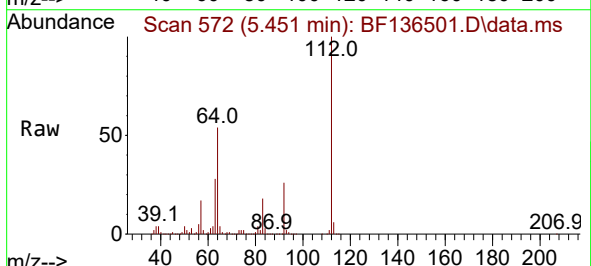
Instrument :
 BNA_F
 ClientSampleId :
 TP-34

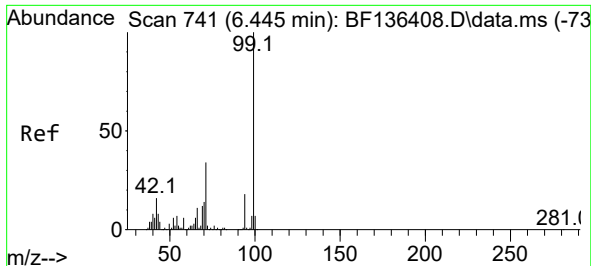
Tgt Ion:152 Resp: 127791
 Ion Ratio Lower Upper
 152 100
 150 160.3 126.4 189.6
 115 65.7 48.2 72.4



#5
 2-Fluorophenol
 Concen: 129.317 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.018 min
 Lab File: BF136501.D
 Acq: 11 Dec 2023 20:53

Tgt Ion:112 Resp: 1118993
 Ion Ratio Lower Upper
 112 100
 64 53.7 46.5 69.7
 63 28.3 23.9 35.9



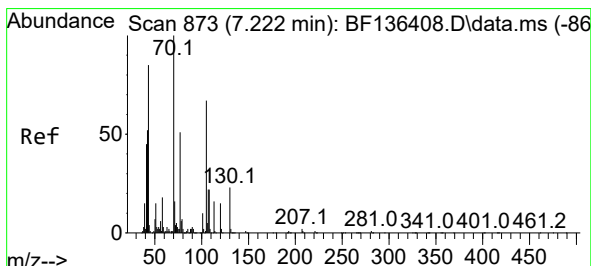
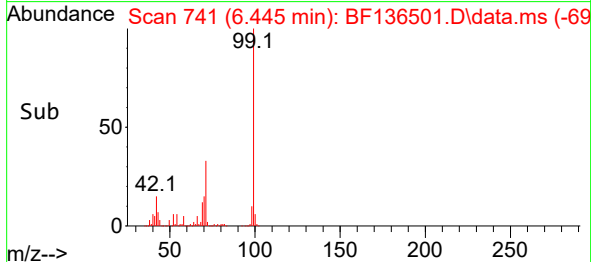
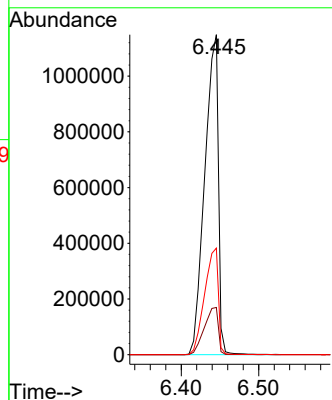
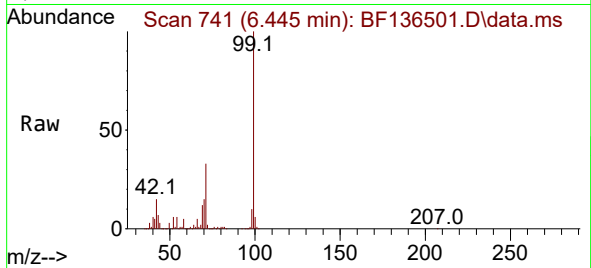


#7
Phenol-d6
Concen: 129.351 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion: 99 Resp: 1396476

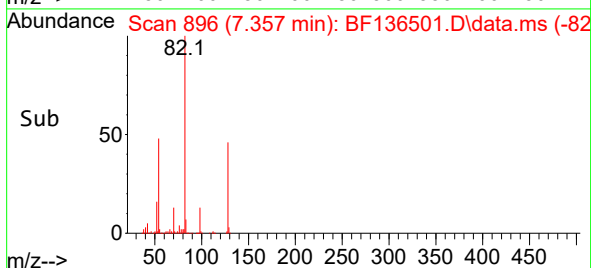
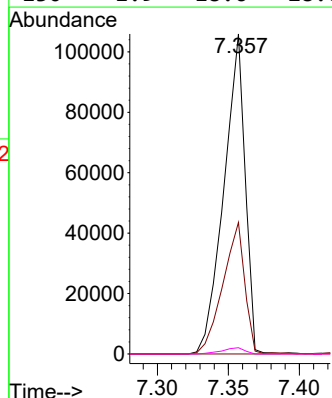
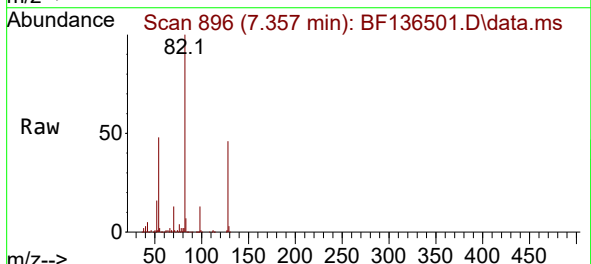
Ion	Ratio	Lower	Upper
99	100		
42	14.8	12.8	19.2
71	33.3	27.0	40.4

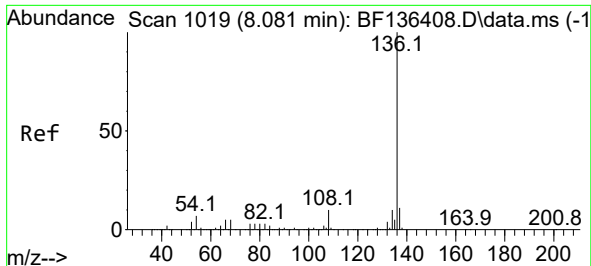


#19
n-Nitroso-di-n-propylamine
Concen: 17.640 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

Tgt Ion: 70 Resp: 109860

Ion	Ratio	Lower	Upper
70	100		
42	41.1	41.4	62.0#
101	0.0	8.2	12.4#
130	1.9	18.6	28.0#



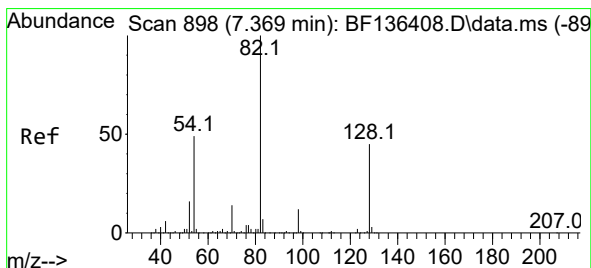
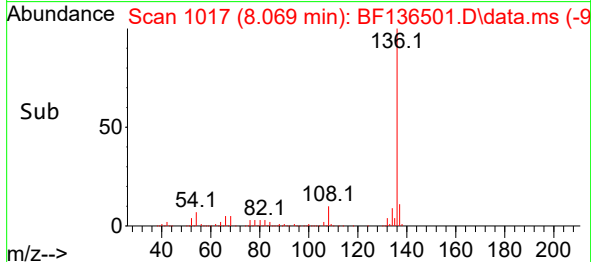
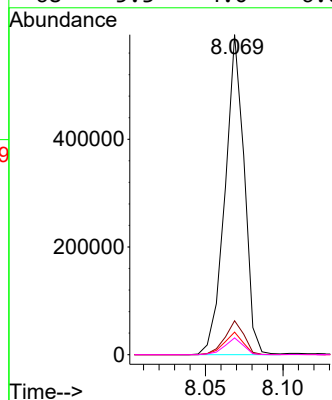
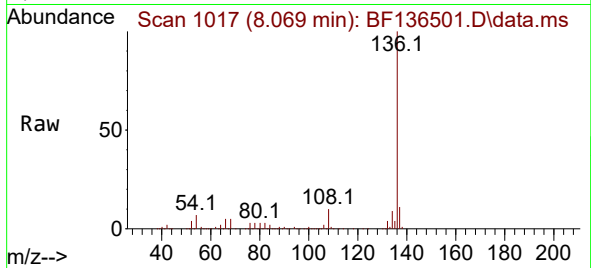


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:136 Resp: 511474

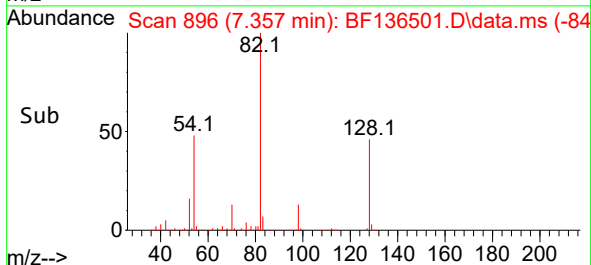
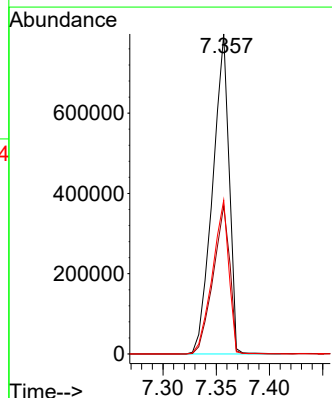
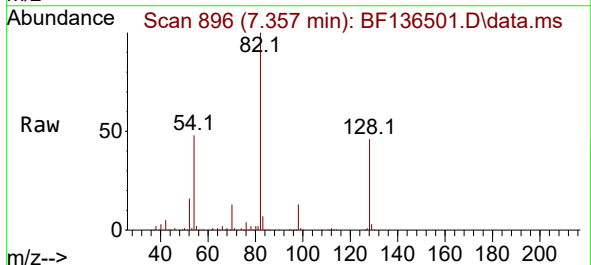
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	7.1	5.7	8.5
68	5.3	4.0	6.0

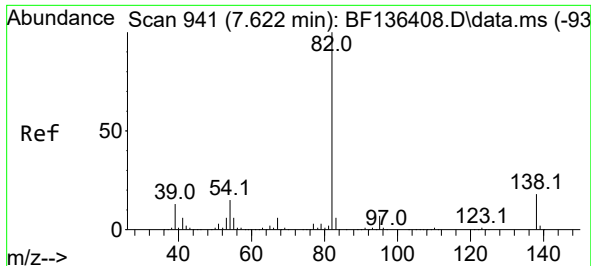


#23
Nitrobenzene-d5
Concen: 90.619 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

Tgt Ion: 82 Resp: 857364

Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	48.1	39.0	58.6

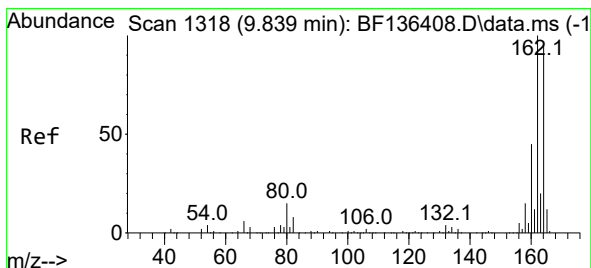
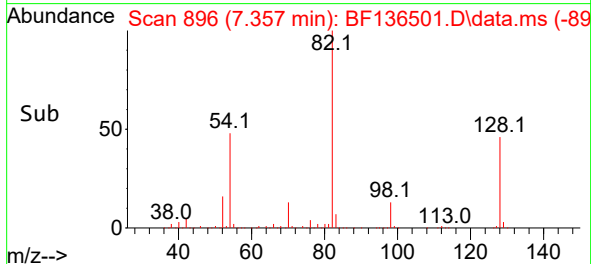
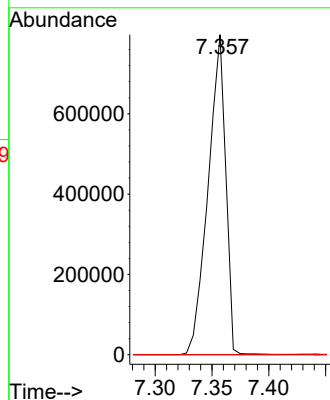
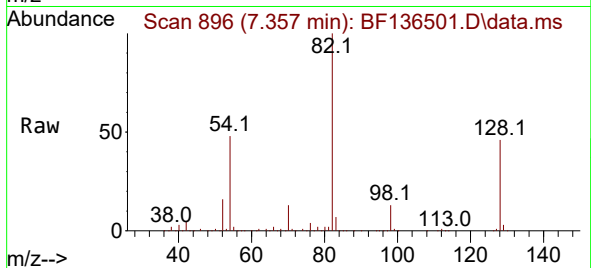




#25
Isophorone
Concen: 50.438 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

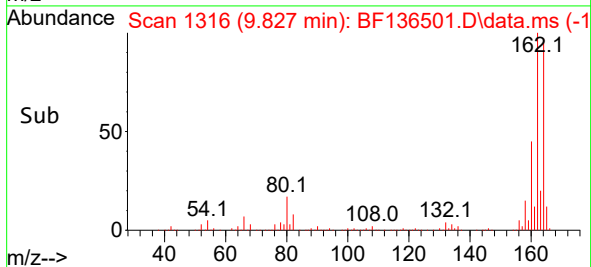
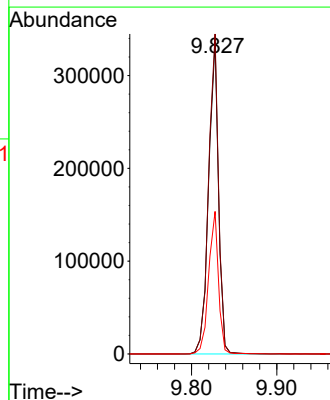
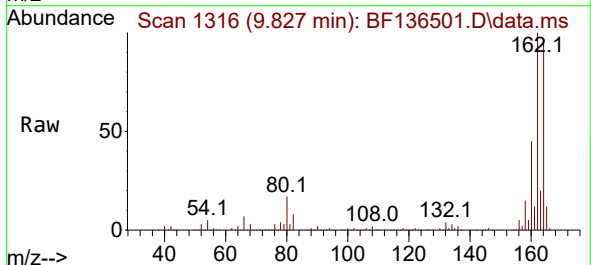
Instrument :
BNA_F
ClientSampleId :
TP-34

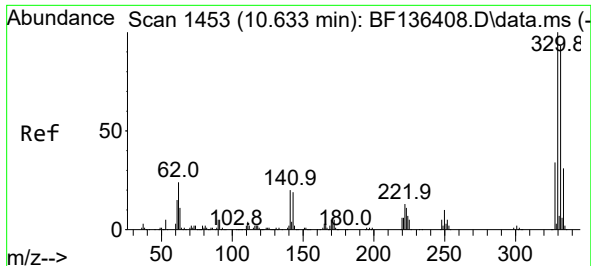
Tgt Ion: 82 Resp: 857344
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

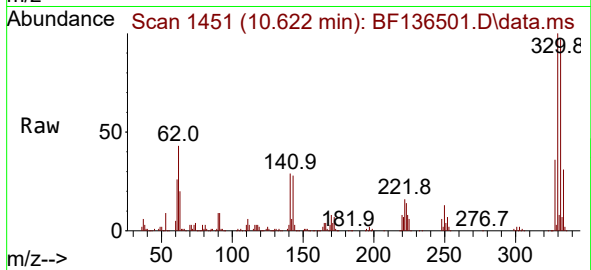
Tgt Ion: 164 Resp: 272837
Ion Ratio Lower Upper
164 100
162 102.6 84.4 126.6
160 45.7 37.6 56.4



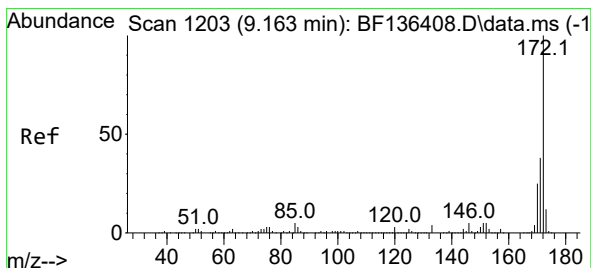
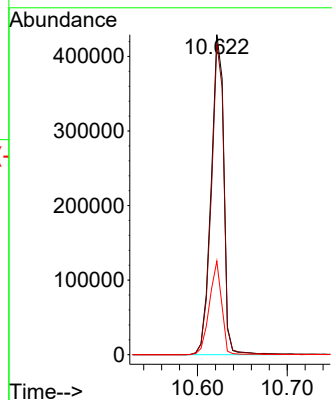
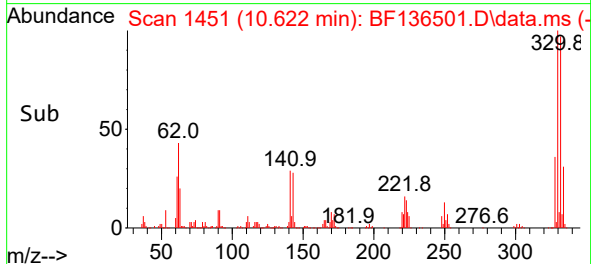


#42
2,4,6-Tribromophenol
Concen: 125.267 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

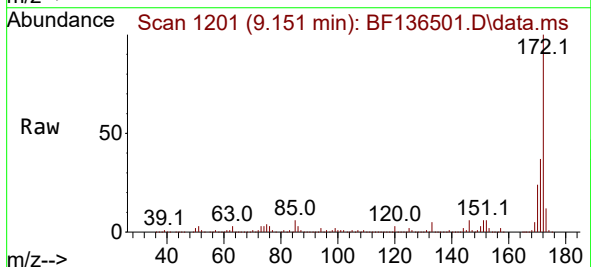
Instrument :
BNA_F
ClientSampleId :
TP-34



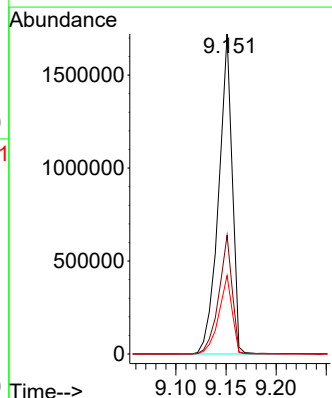
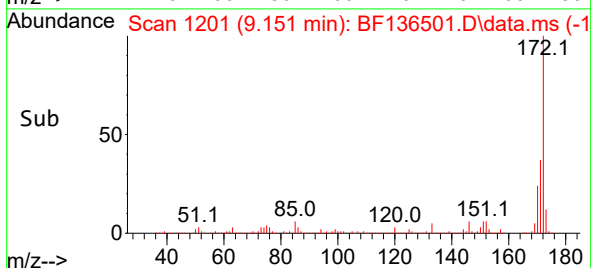
Tgt Ion:330 Resp: 421411
Ion Ratio Lower Upper
330 100
332 96.7 76.4 114.6
141 28.4 23.4 35.2

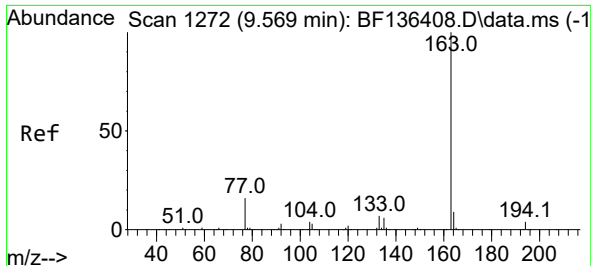


#45
2-Fluorobiphenyl
Concen: 81.025 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53



Tgt Ion:172 Resp: 1620121
Ion Ratio Lower Upper
172 100
171 37.1 30.5 45.7
170 24.5 19.9 29.9

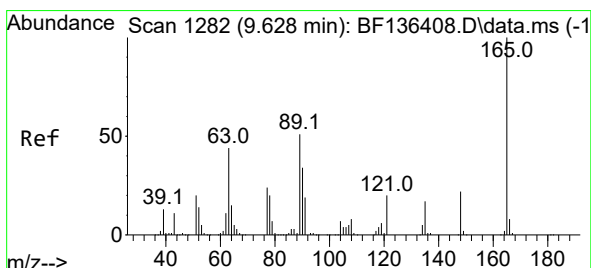
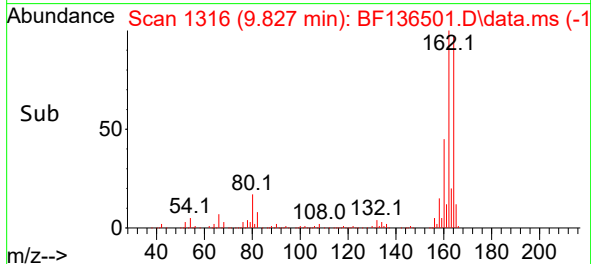
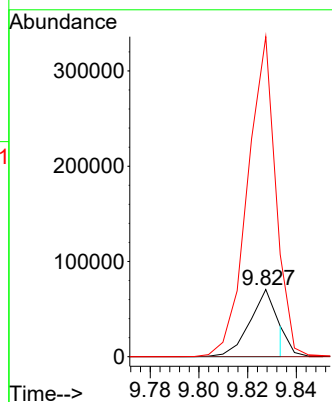
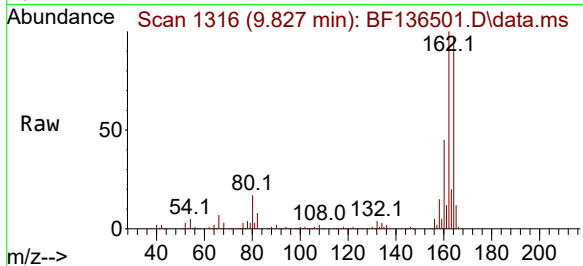




#50
Dimethylphthalate
Concen: 2.782 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

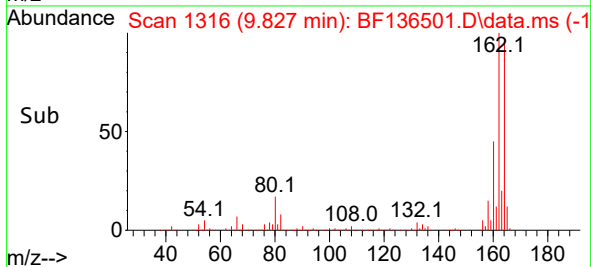
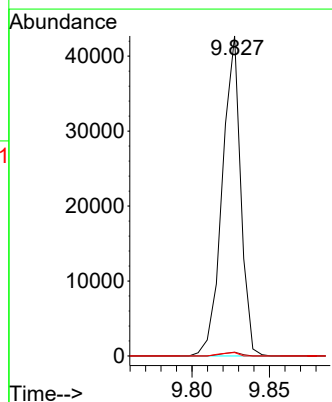
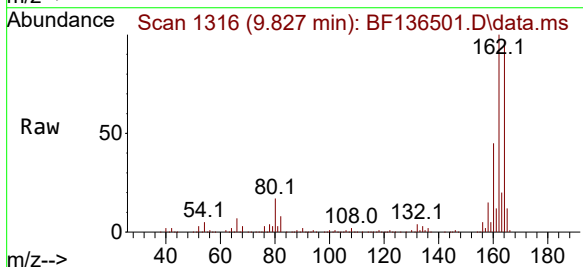
Instrument :
BNA_F
ClientSampleId :
TP-34

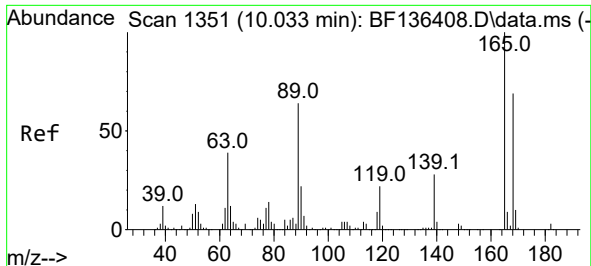
Tgt Ion:163 Resp: 55891
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 476.5 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.806 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

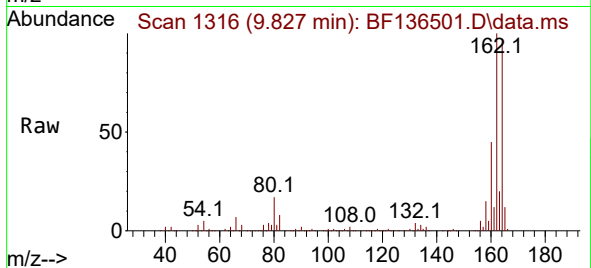
Tgt Ion:165 Resp: 35278
Ion Ratio Lower Upper
165 100
63 1.2 40.4 60.6#
89 1.1 40.6 60.8#



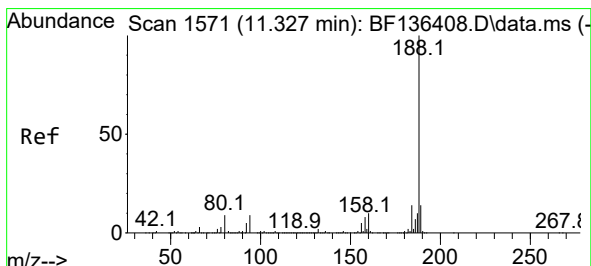
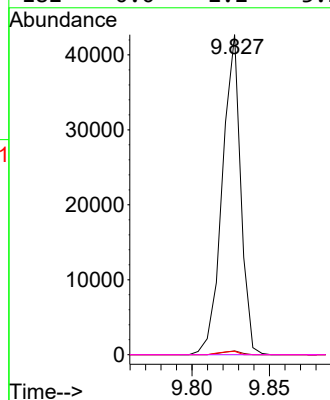
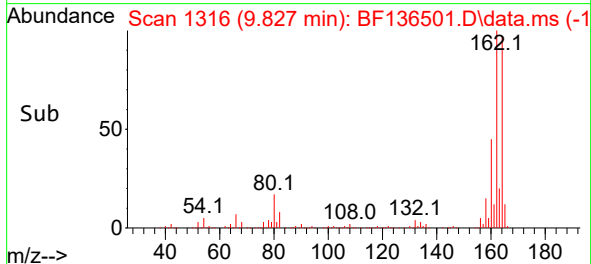


#57
2,4-Dinitrotoluene
Concen: 5.901 ng
RT: 9.827 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

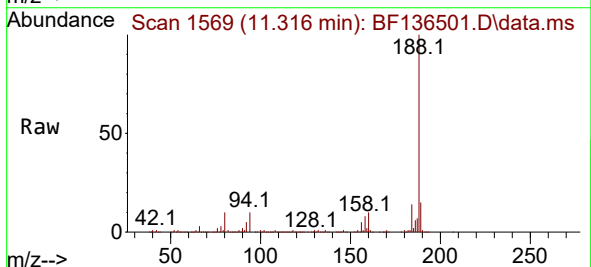
Instrument :
BNA_F
ClientSampleId :
TP-34



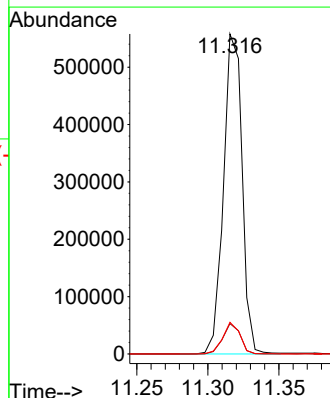
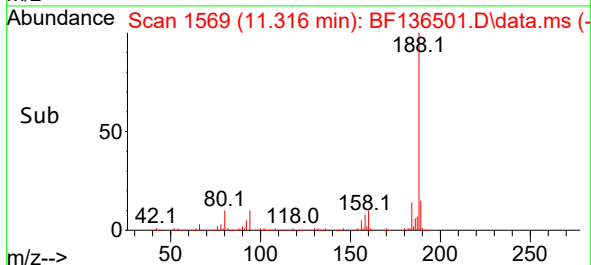
Tgt Ion:165 Resp: 35278
Ion Ratio Lower Upper
165 100
63 1.2 31.4 47.2#
89 1.1 51.7 77.5#
182 0.0 2.2 3.2#

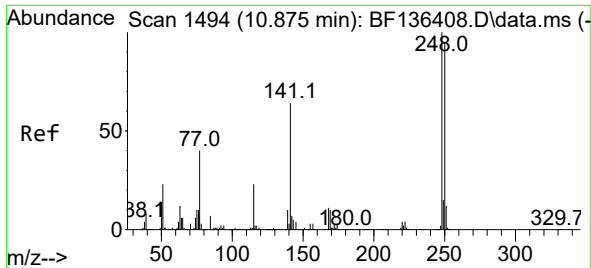


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53



Tgt Ion:188 Resp: 506962
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 9.9 7.2 10.8

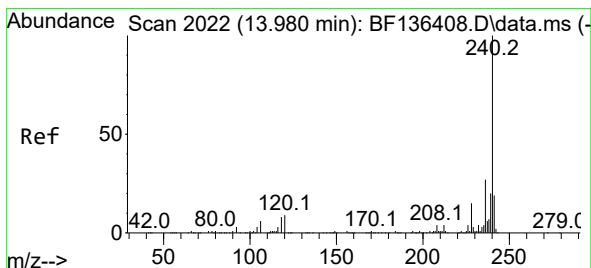
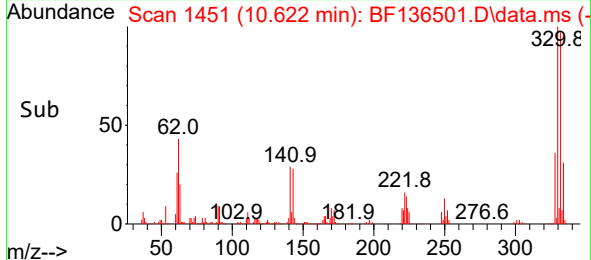
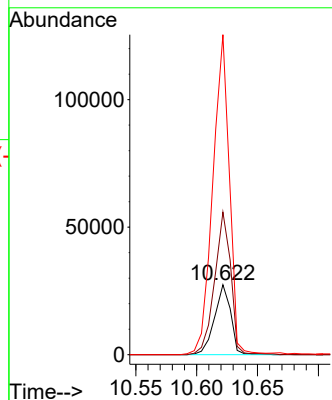
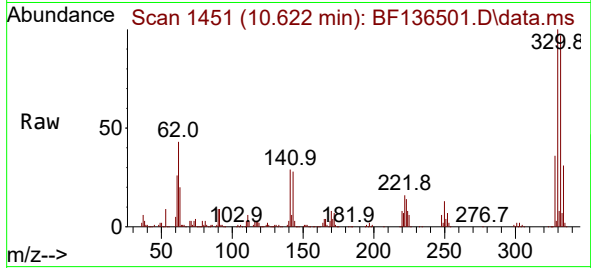




#67
4-Bromophenyl-phenylether
Concen: 4.321 ng
RT: 10.622 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

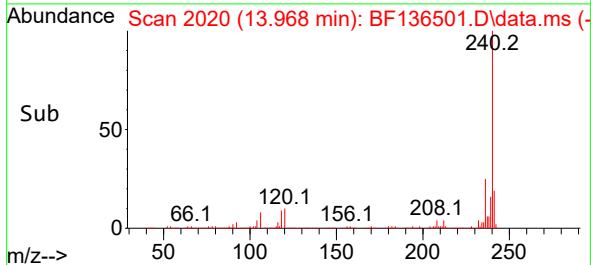
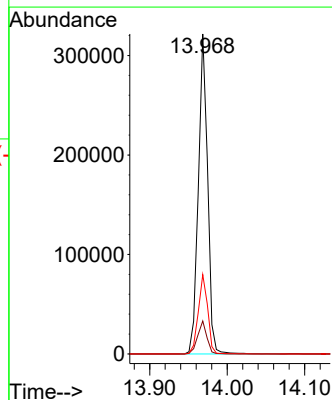
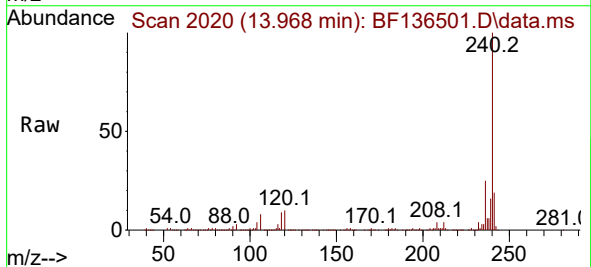
Instrument :
BNA_F
ClientSampleId :
TP-34

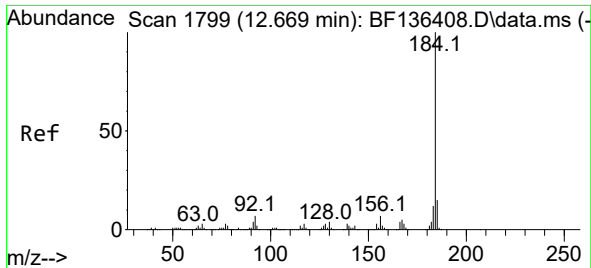
Tgt Ion:248 Resp: 25469
Ion Ratio Lower Upper
248 100
250 204.0 76.2 114.2#
141 457.9 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

Tgt Ion:240 Resp: 267223
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 24.8 21.3 31.9

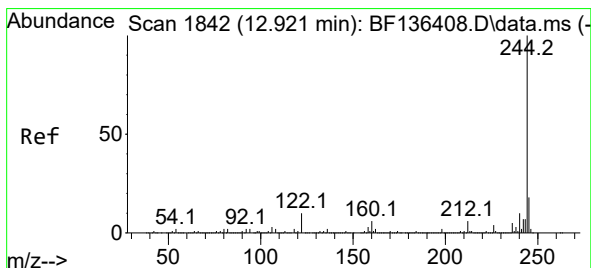
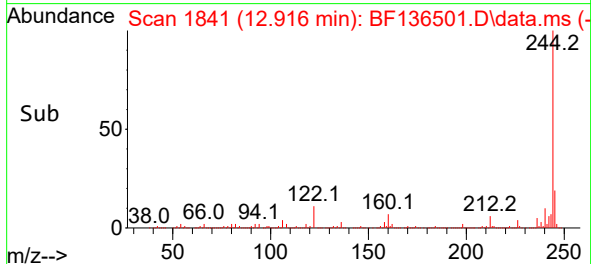
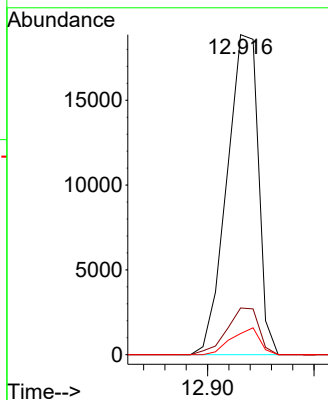
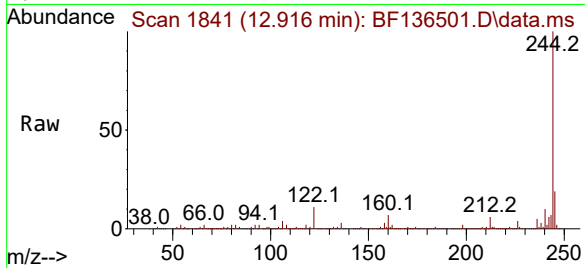




#77
Benzidine
Concen: 4.035 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.246 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

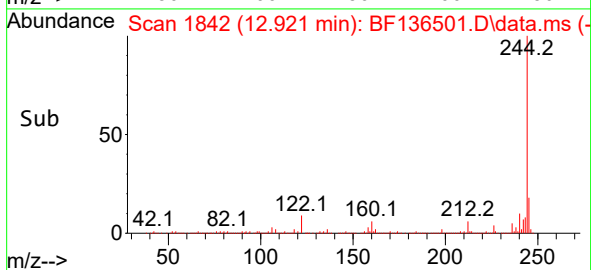
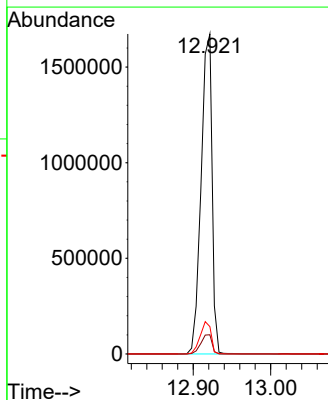
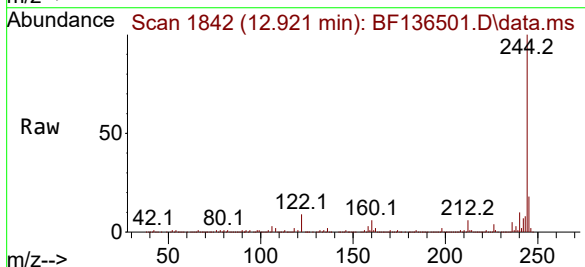
Instrument :
BNA_F
ClientSampleId :
TP-34

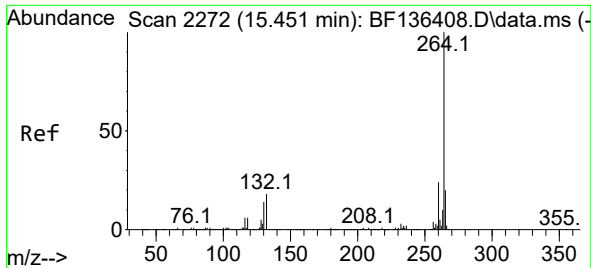
Tgt Ion:184 Resp: 19342
Ion Ratio Lower Upper
184 100
185 14.6 12.0 18.0
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 80.939 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136501.D
Acq: 11 Dec 2023 20:53

Tgt Ion:244 Resp: 1640977
Ion Ratio Lower Upper
244 100
212 6.0 5.0 7.4
122 8.5 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: BF136501.D
Acq: 11 Dec 2023 20:53

Instrument :
BNA_F
ClientSampleId :
TP-34

Tgt Ion:264 Resp: 256142
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.6 15.9 23.9

