

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
 Data File : BF136420.D
 Acq On : 06 Dec 2023 10:37
 Operator : CG\JU
 Sample : PB157498BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 11:01:52 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)

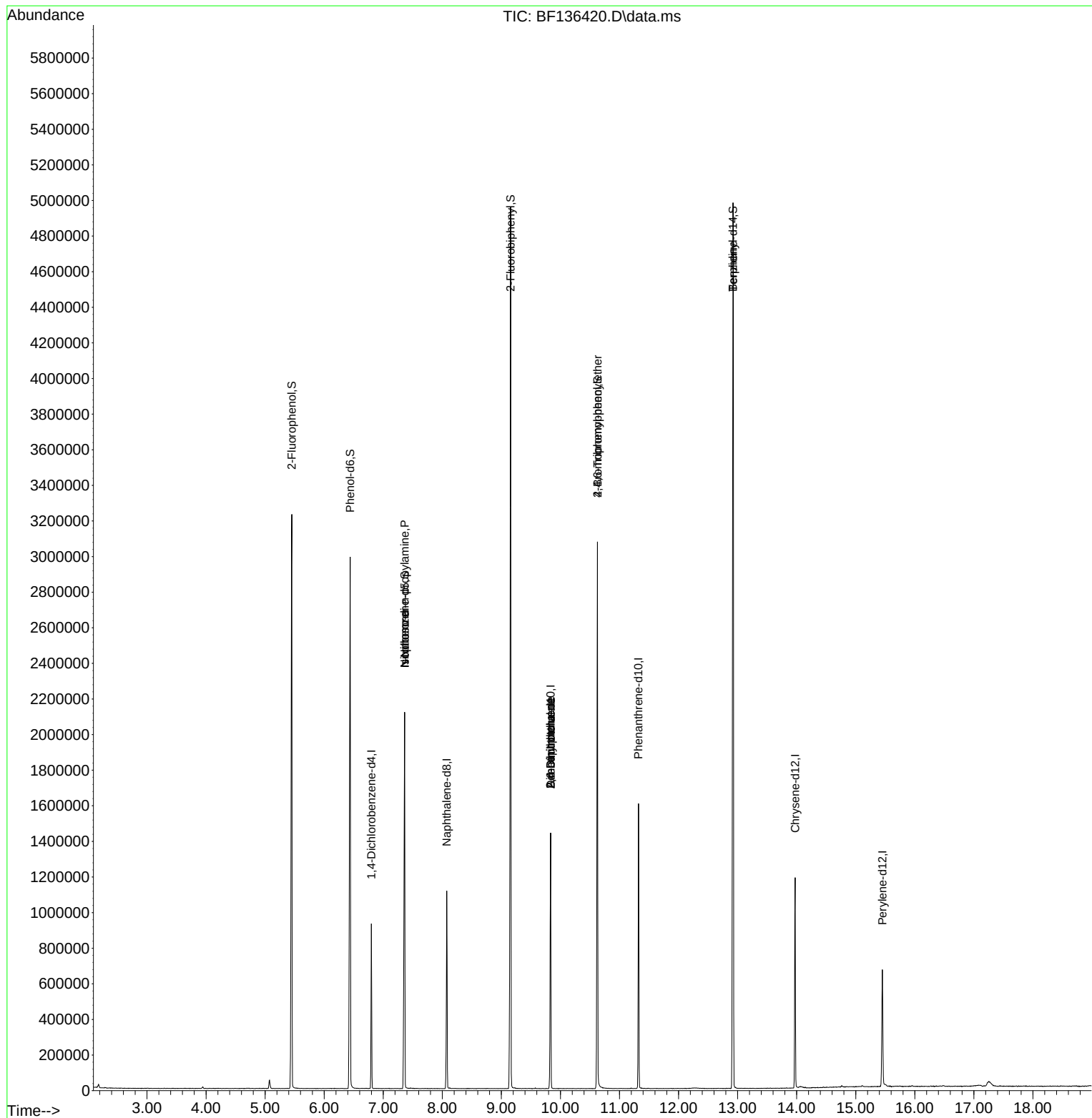
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	125012	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	514017	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	273726	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	540884	20.000	ng	0.00
76) Chrysene-d12	13.974	240	392861	20.000	ng	0.00
86) Perylene-d12	15.451	264	302860	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1022800	120.828	ng	0.02
7) Phenol-d6	6.439	99	1257764	119.092	ng	0.00
23) Nitrobenzene-d5	7.363	82	778362	81.862	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	407041	120.602	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1633447	81.426	ng	0.00
79) Terphenyl-d14	12.921	244	2127730	71.385	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.439	77	1813	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.363	70	101641	16.683	ng	# 76
25) Isophorone	7.363	82	776353	45.447	ng	# 65
50) Dimethylphthalate	9.833	163	56529	2.805	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	35943	7.928	ng	# 28
57) 2,4-Dinitrotoluene	9.833	165	35943	5.993	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	25202	4.008	ng	# 1
77) Benzidine	12.921	184	24236	2.692	ng	# 93

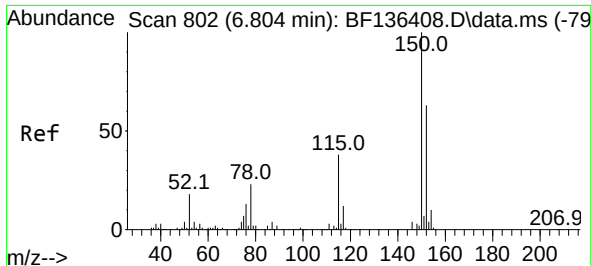
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120623\
Data File : BF136420.D
Acq On : 06 Dec 2023 10:37
Operator : CG\JU
Sample : PB157498BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

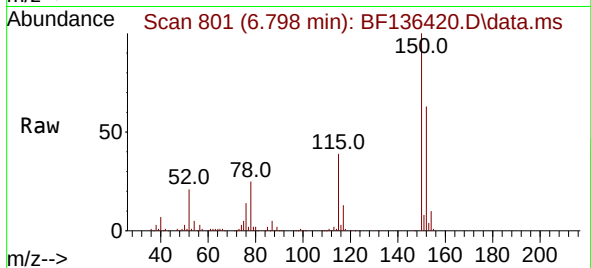
Quant Time: Dec 06 11:01:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 09:40:27 2023
Response via : Initial Calibration



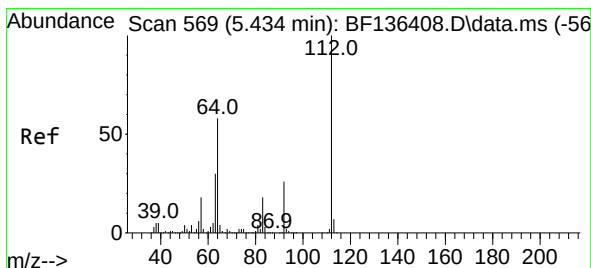
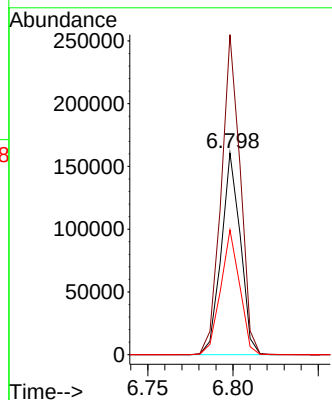
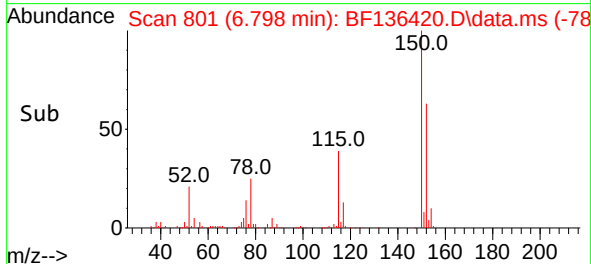


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

Instrument :
BNA_F
ClientSampleId :

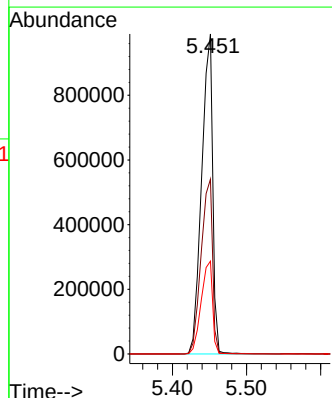
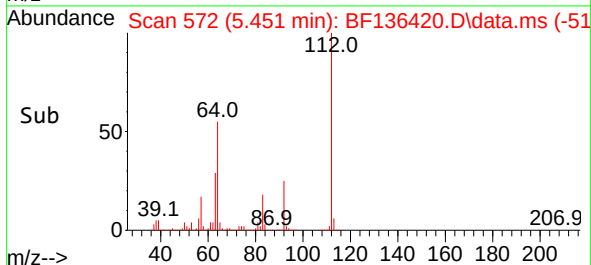
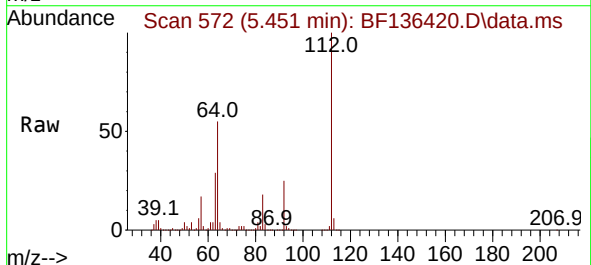


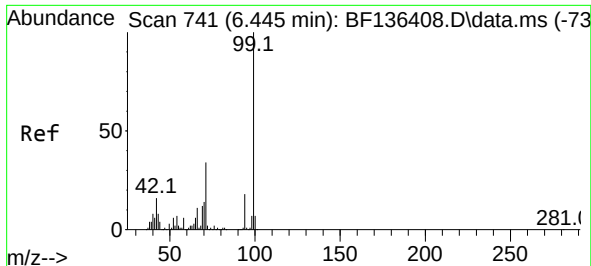
Tgt Ion:152 Resp: 125012
Ion Ratio Lower Upper
152 100
150 158.7 126.4 189.6
115 61.8 48.2 72.4



#5
2-Fluorophenol
Concen: 120.828 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.018 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

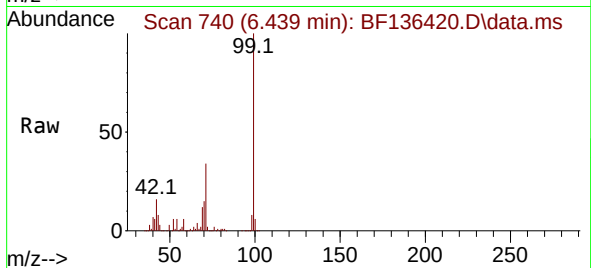
Tgt Ion:112 Resp: 1022800
Ion Ratio Lower Upper
112 100
64 54.6 46.5 69.7
63 29.0 23.9 35.9





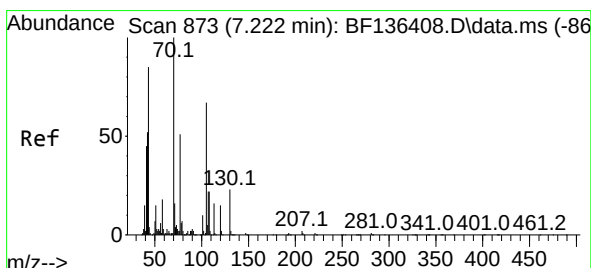
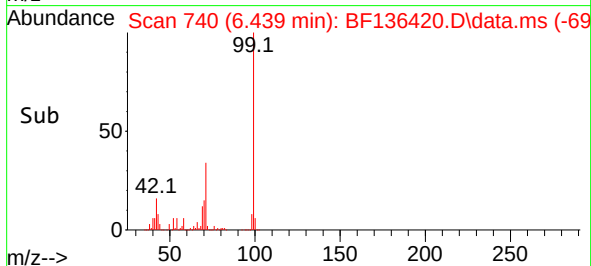
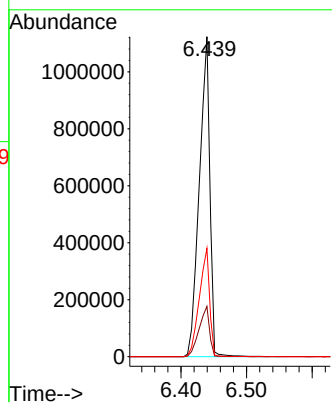
#7
Phenol-d6
Concen: 119.092 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1257764

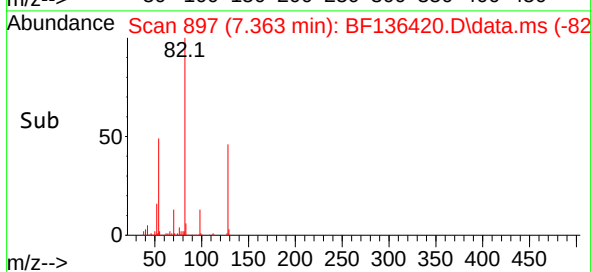
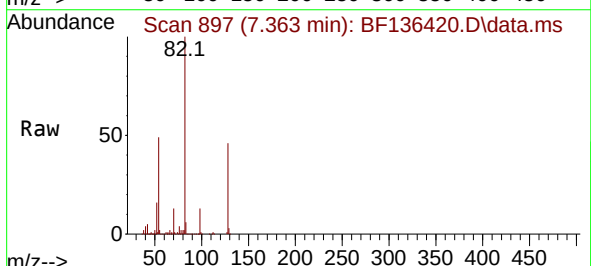
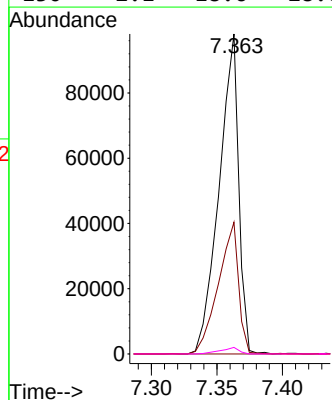
Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	33.9	27.0	40.4

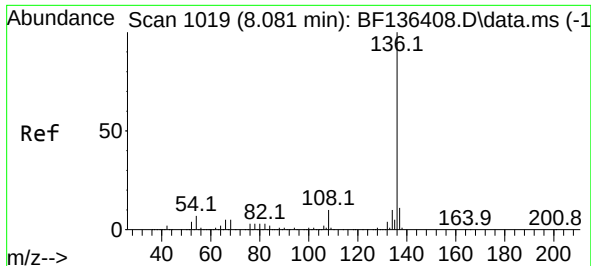


#19
n-Nitroso-di-n-propylamine
Concen: 16.683 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.141 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

Tgt Ion: 70 Resp: 101641

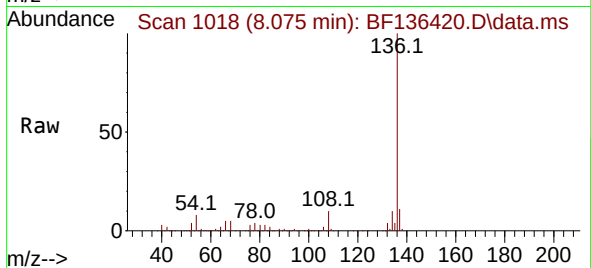
Ion	Ratio	Lower	Upper
70	100		
42	41.1	41.4	62.0#
101	0.0	8.2	12.4#
130	2.1	18.6	28.0#





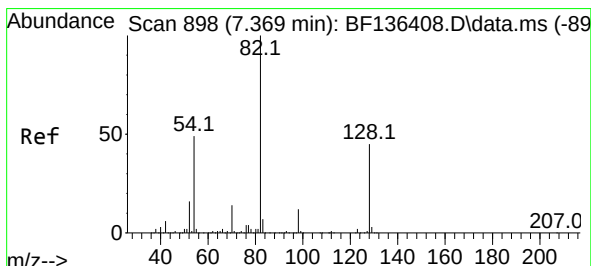
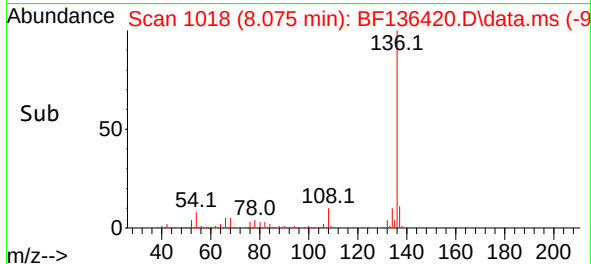
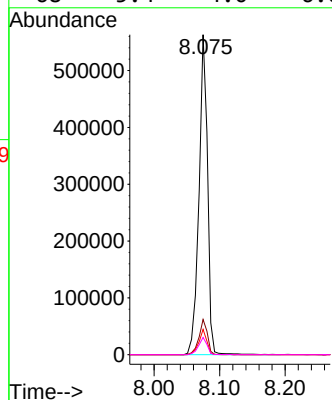
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 514017

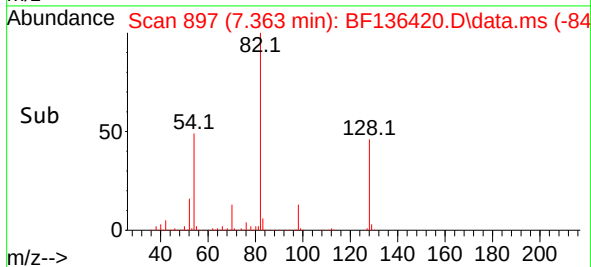
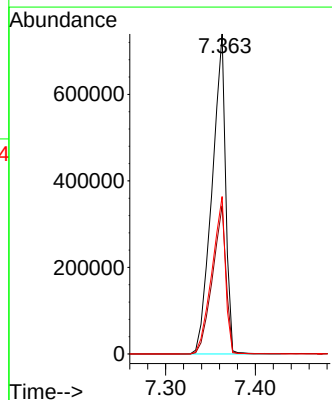
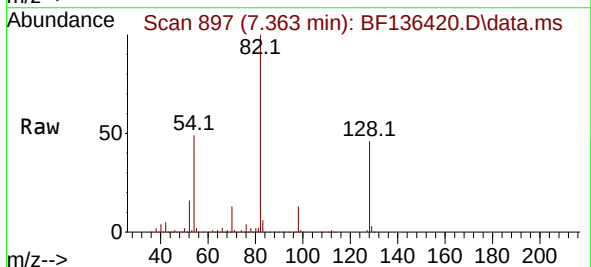
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.9	5.7	8.5
68	5.4	4.0	6.0

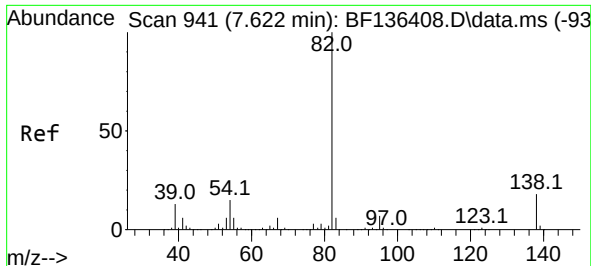


#23
Nitrobenzene-d5
Concen: 81.862 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

Tgt Ion: 82 Resp: 778362

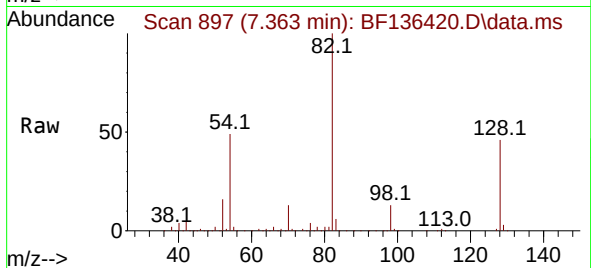
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.3	54.5
54	49.2	39.0	58.6



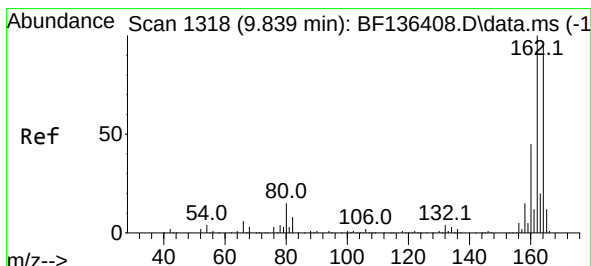
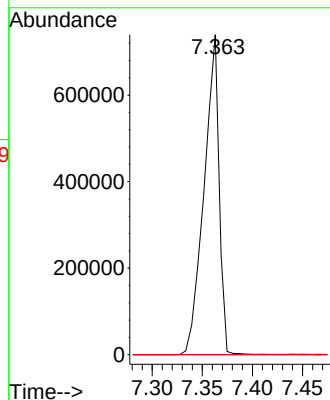
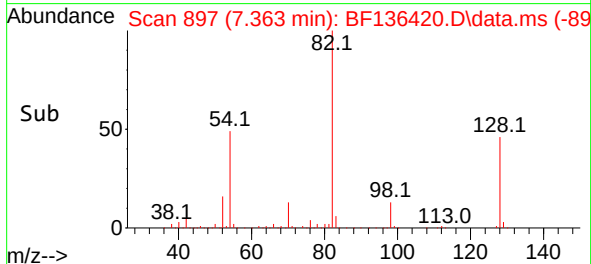


#25
Isophorone
Concen: 45.447 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

Instrument :
BNA_F
ClientSampleId :

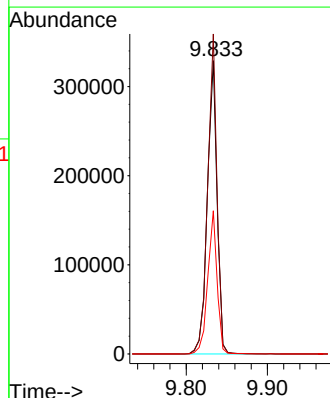
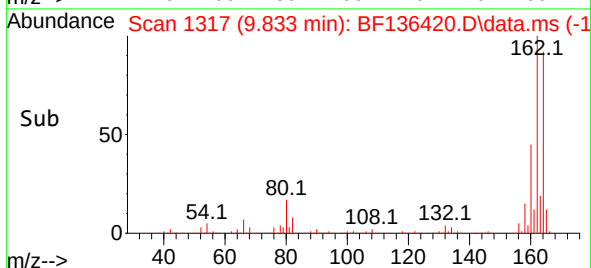
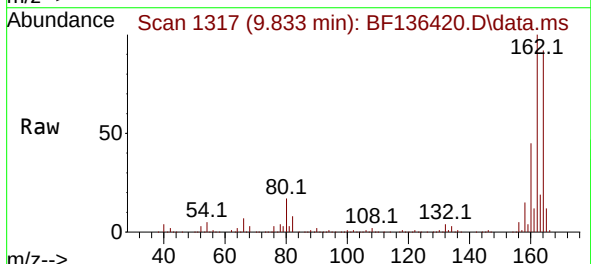


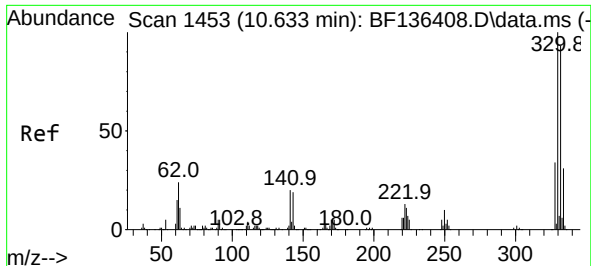
Tgt Ion: 82 Resp: 776353
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

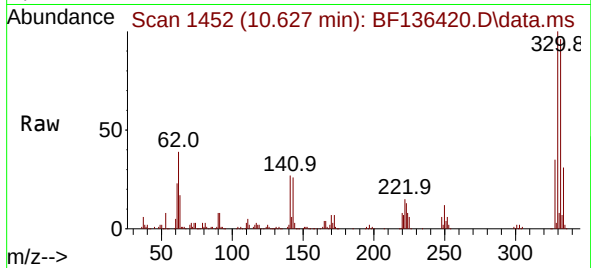
Tgt Ion:164 Resp: 273726
Ion Ratio Lower Upper
164 100
162 109.1 84.4 126.6
160 48.9 37.6 56.4



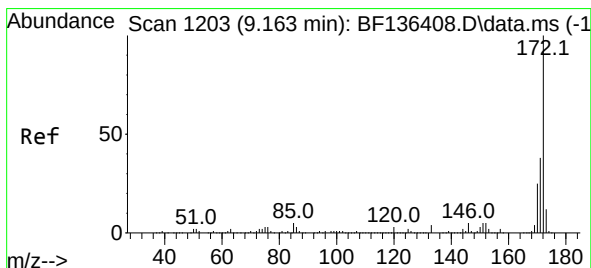
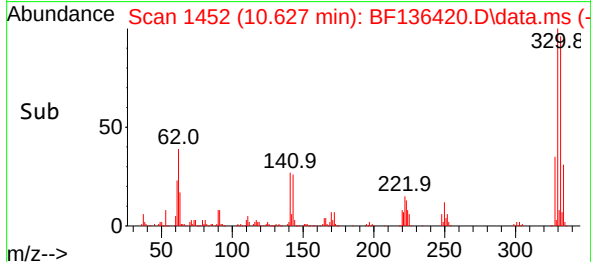
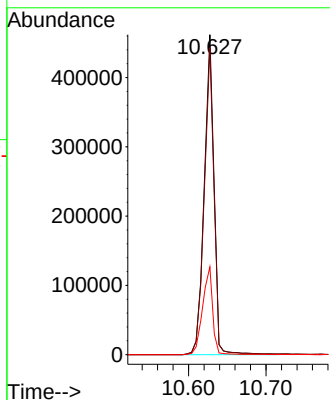


#42
2,4,6-Tribromophenol
Concen: 120.602 ng
RT: 10.627 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

Instrument :
BNA_F
ClientSampleId :

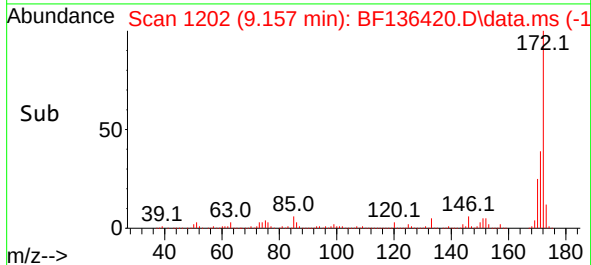
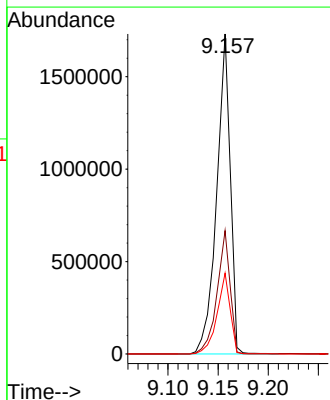
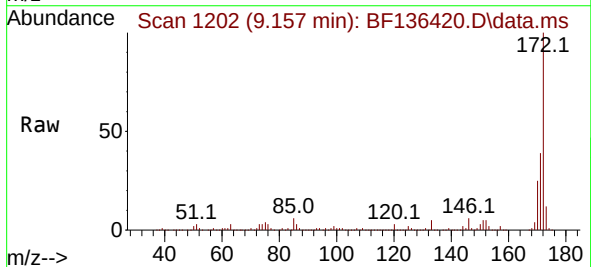


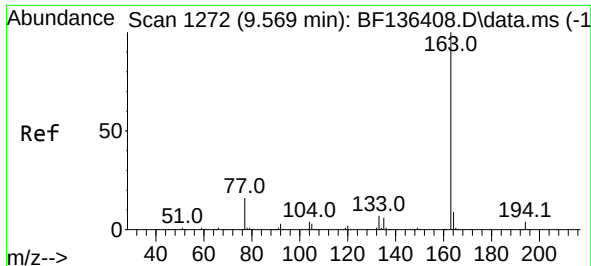
Tgt Ion:330 Resp: 407041
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 28.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.426 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

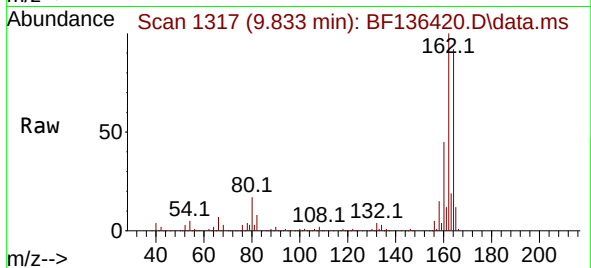
Tgt Ion:172 Resp: 1633447
Ion Ratio Lower Upper
172 100
171 38.6 30.5 45.7
170 25.2 19.9 29.9



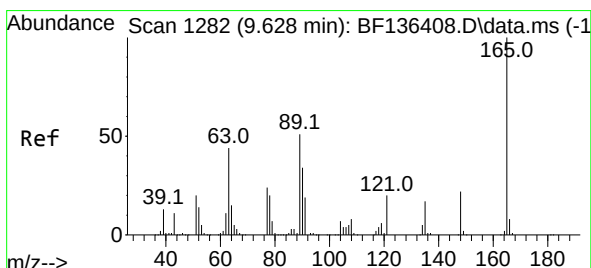
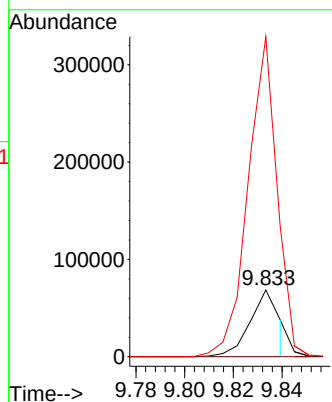
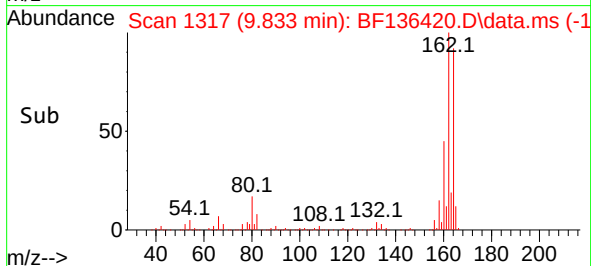


#50
Dimethylphthalate
Concen: 2.805 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.265 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

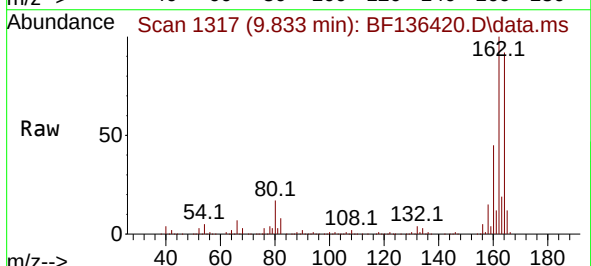
Instrument :
BNA_F
ClientSampleId :



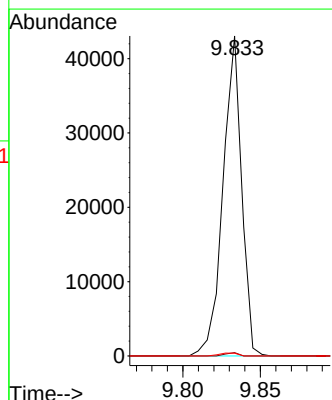
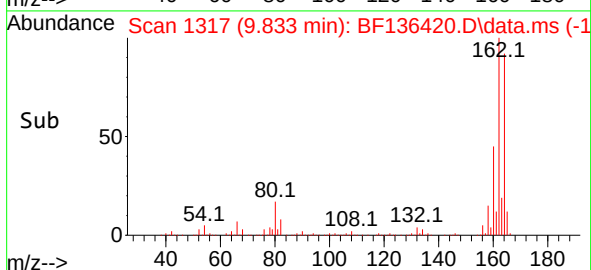
Tgt Ion:163 Resp: 56529
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 480.0 7.4 11.2#

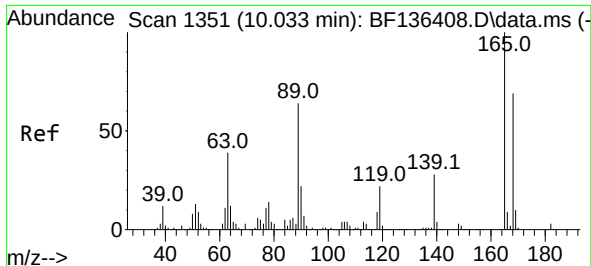


#51
2,6-Dinitrotoluene
Concen: 7.928 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37



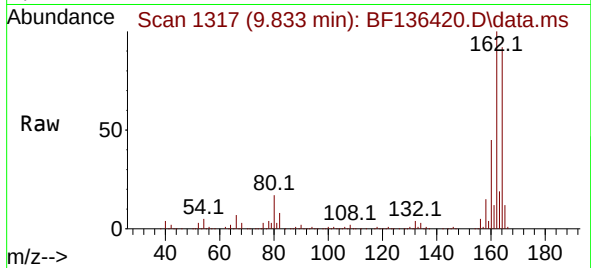
Tgt Ion:165 Resp: 35943
Ion Ratio Lower Upper
165 100
63 1.1 40.4 60.6#
89 0.8 40.6 60.8#



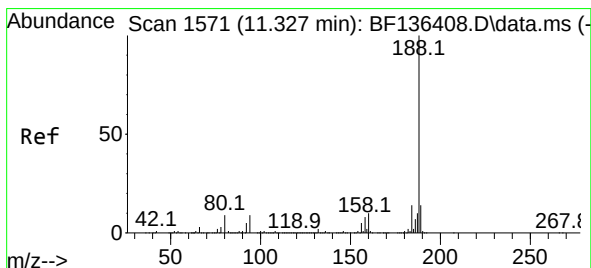
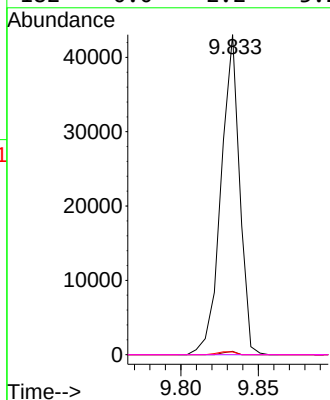
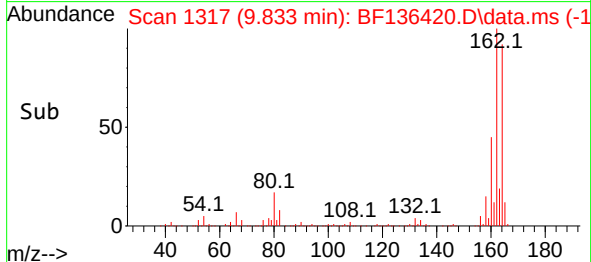


#57
2,4-Dinitrotoluene
Concen: 5.993 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

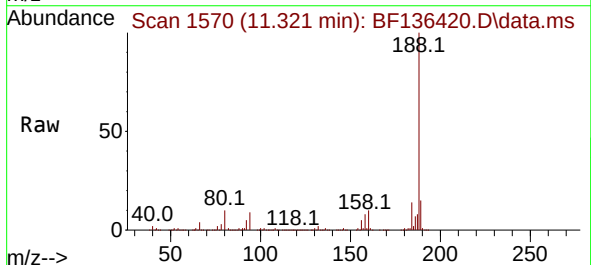
Instrument :
BNA_F
ClientSampleId :



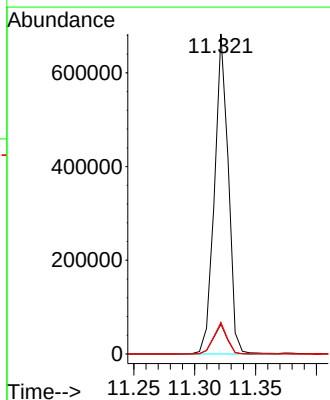
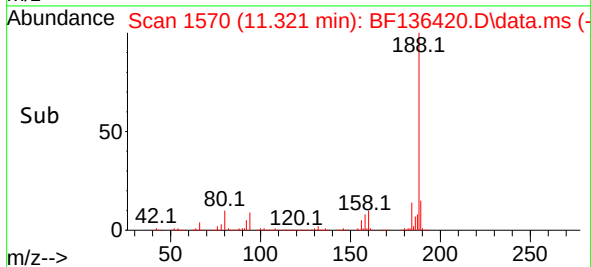
Tgt Ion:165 Resp: 35943
Ion Ratio Lower Upper
165 100
63 1.1 31.4 47.2#
89 0.8 51.7 77.5#
182 0.0 2.2 3.2#

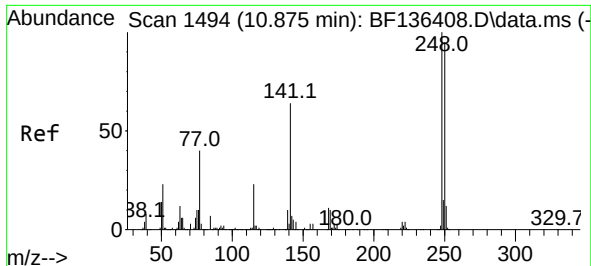


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37



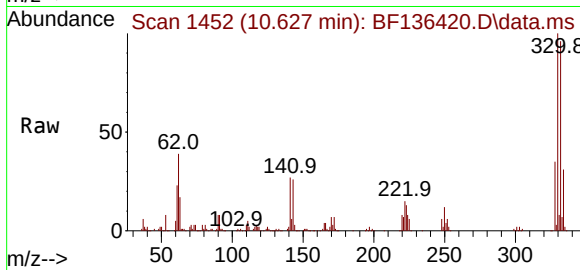
Tgt Ion:188 Resp: 540884
Ion Ratio Lower Upper
188 100
94 9.3 7.2 10.8
80 9.9 7.2 10.8



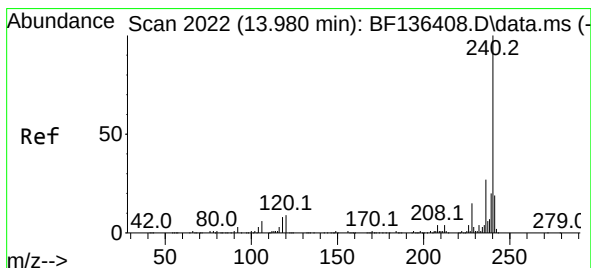
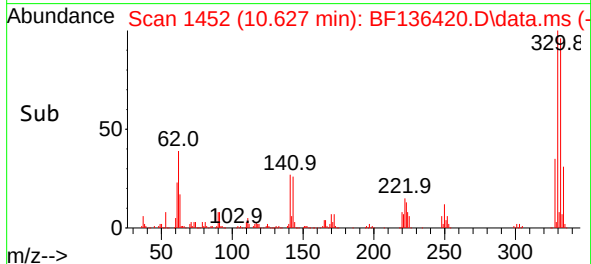
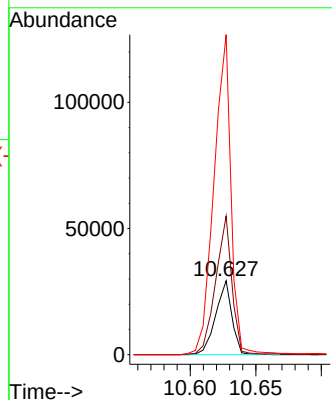


#67
4-Bromophenyl-phenylether
Concen: 4.008 ng
RT: 10.627 min Scan# 1494
Delta R.T. -0.247 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

Instrument :
BNA_F
ClientSampleId :

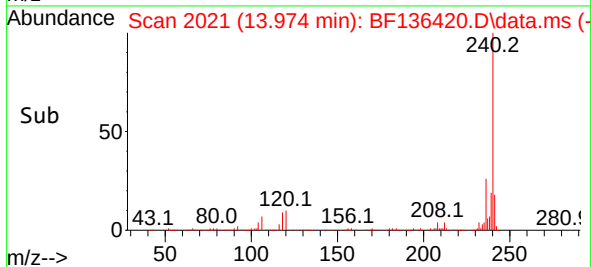
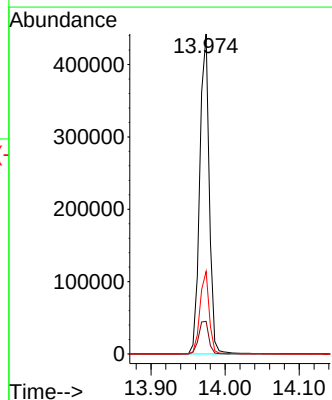
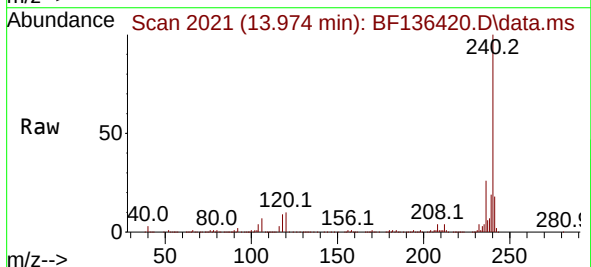


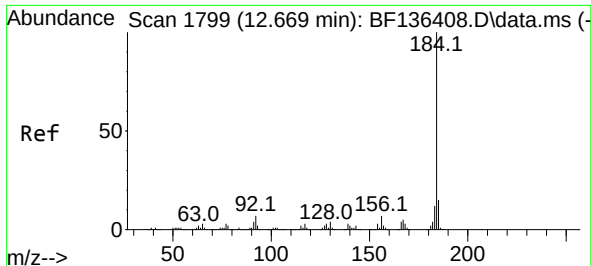
Tgt Ion:248 Resp: 25202
Ion Ratio Lower Upper
248 100
250 187.4 76.2 114.2#
141 432.5 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

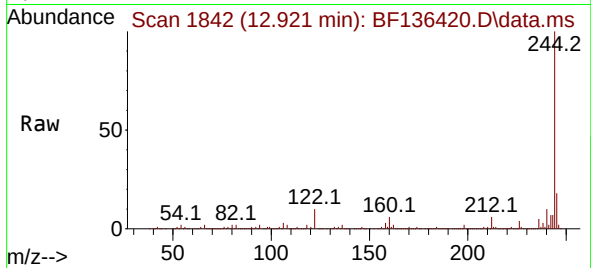
Tgt Ion:240 Resp: 392861
Ion Ratio Lower Upper
240 100
120 10.2 7.3 10.9
236 25.8 21.3 31.9



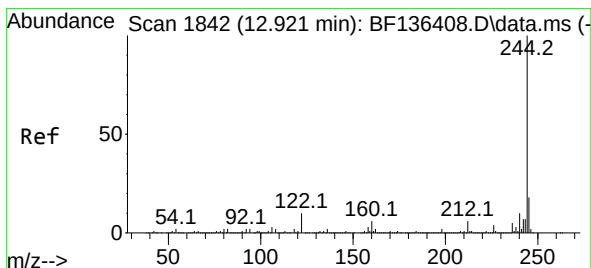
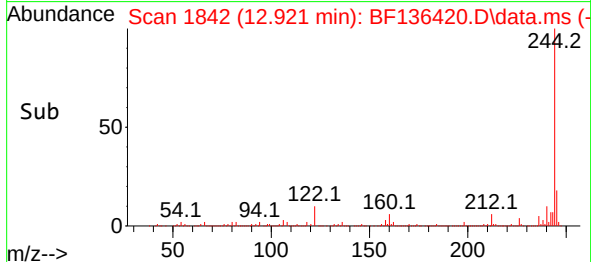
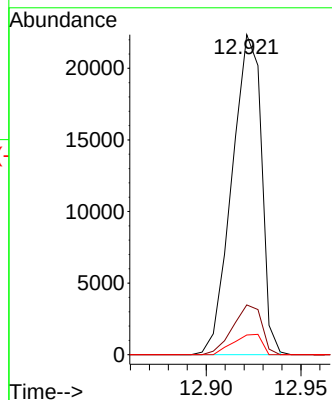


#77
Benzidine
Concen: 2.692 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.252 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

Instrument :
BNA_F
ClientSampleId :

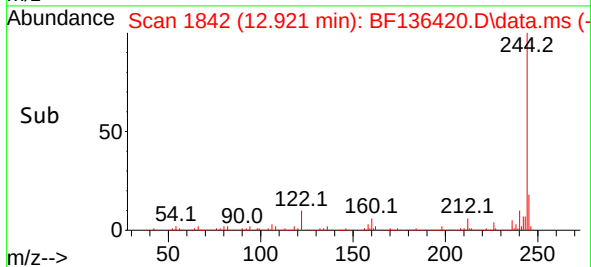
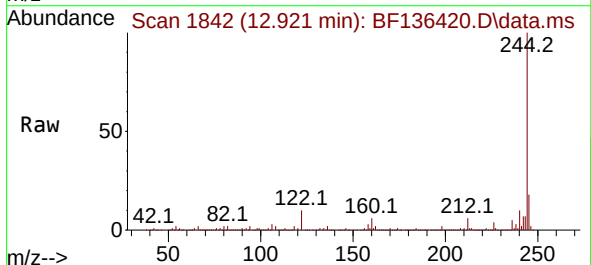
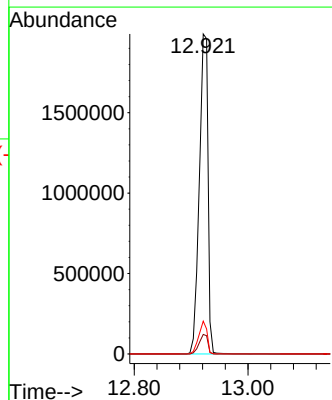


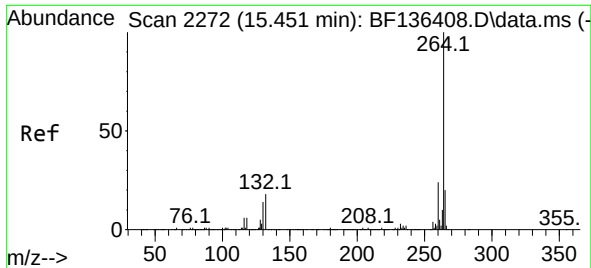
Tgt Ion:184 Resp: 24236
Ion Ratio Lower Upper
184 100
185 15.6 12.0 18.0
183 6.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 71.385 ng
RT: 12.921 min Scan# 1842
Delta R.T. -0.000 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

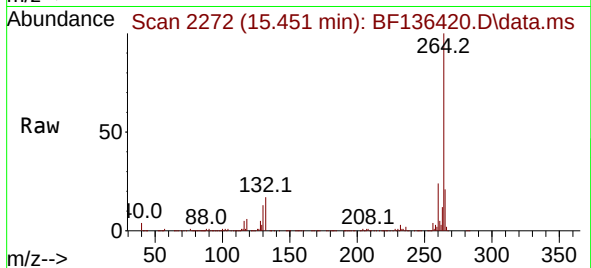
Tgt Ion:244 Resp: 2127730
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 10.3 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF136420.D
Acq: 06 Dec 2023 10:37

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 302860
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.3 15.9 23.9

