

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121323\
 Data File : BF136552.D
 Acq On : 13 Dec 2023 22:54
 Operator : CG\JU
 Sample : 05699-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ELM-N7THSTREET-DRUMS-CON

Quant Time: Dec 14 01:46:26 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)

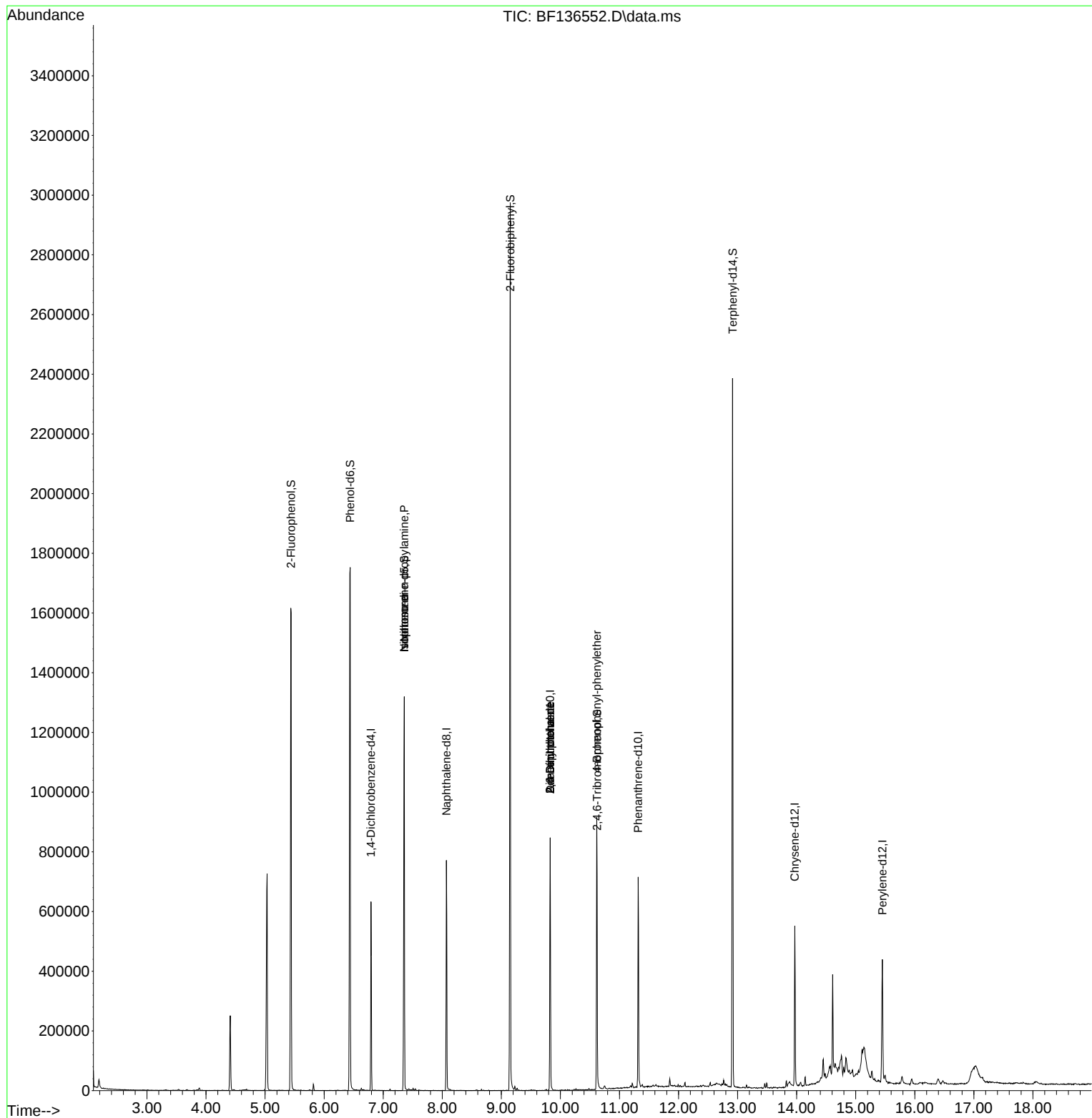
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	87438	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	337762	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	161595	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	252743	20.000	ng	-0.01
76) Chrysene-d12	13.969	240	172427	20.000	ng	-0.01
86) Perylene-d12	15.451	264	192261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	483165	81.607	ng	0.00
7) Phenol-d6	6.440	99	685453	92.792	ng	0.00
23) Nitrobenzene-d5	7.357	82	419015	67.065	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	115600	58.018	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	890485	75.192	ng	-0.01
79) Terphenyl-d14	12.916	244	774563	59.208	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.351	77	248	Below Cal	#	55
19) n-Nitroso-di-n-propyla...	7.357	70	54647	12.824	ng	# 77
25) Isophorone	7.357	82	419010	37.329	ng	# 65
50) Dimethylphthalate	9.828	163	31872	2.679	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	20789	7.767	ng	# 29
57) 2,4-Dinitrotoluene	9.828	165	20789	5.871	ng	# 28
67) 4-Bromophenyl-phenylether	10.616	248	6877	2.340	ng	# 1

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

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Quant Time: Dec 14 01:46:26 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

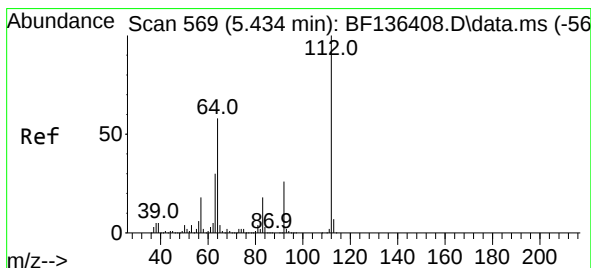
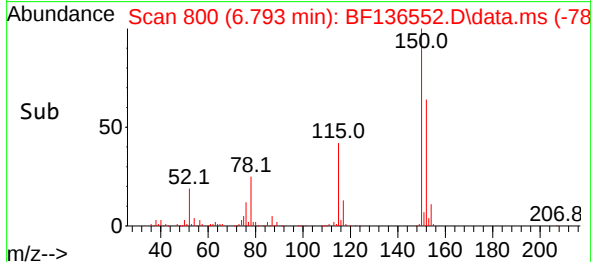
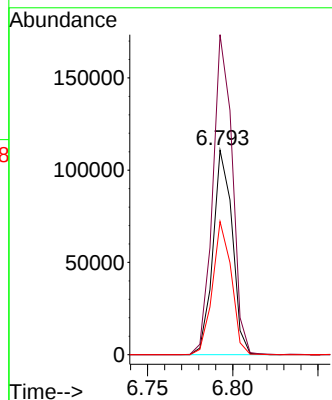
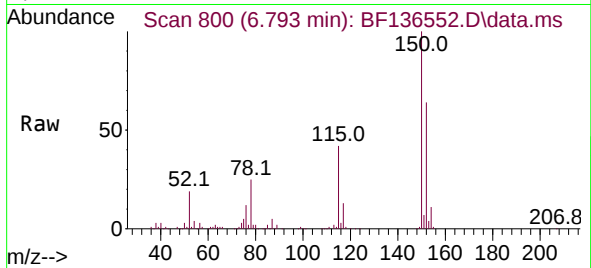




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 802
Delta R.T. -0.011 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

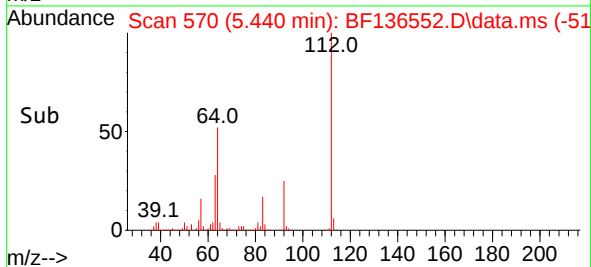
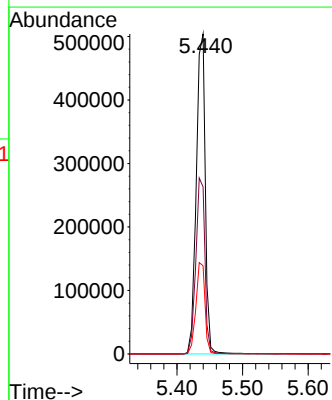
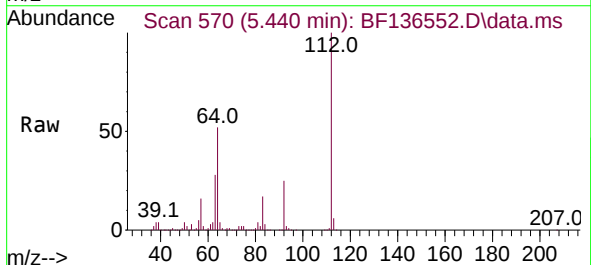
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-CON

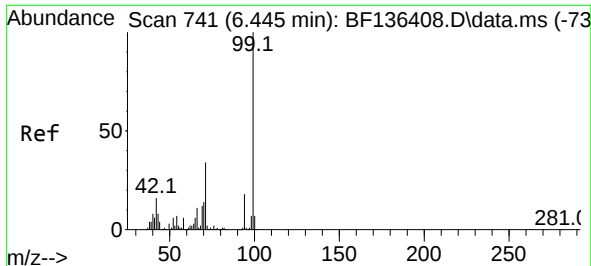
Tgt Ion:152 Resp: 87438
Ion Ratio Lower Upper
152 100
150 156.5 126.4 189.6
115 65.1 48.2 72.4



#5
2-Fluorophenol
Concen: 81.607 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

Tgt Ion:112 Resp: 483165
Ion Ratio Lower Upper
112 100
64 52.2 46.5 69.7
63 27.6 23.9 35.9

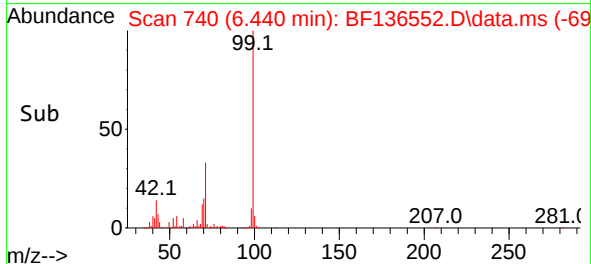
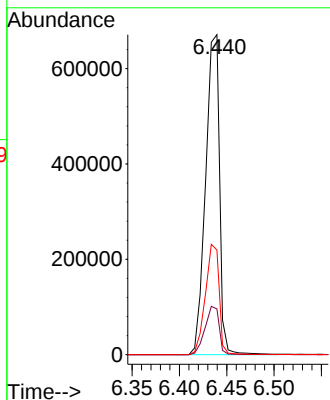
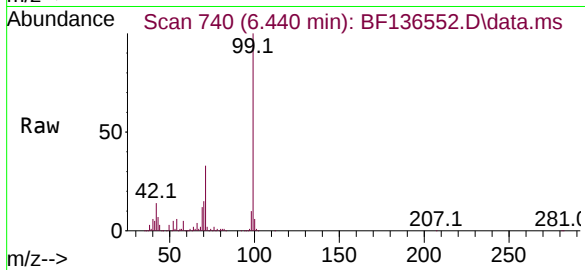




#7
Phenol-d6
Concen: 92.792 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

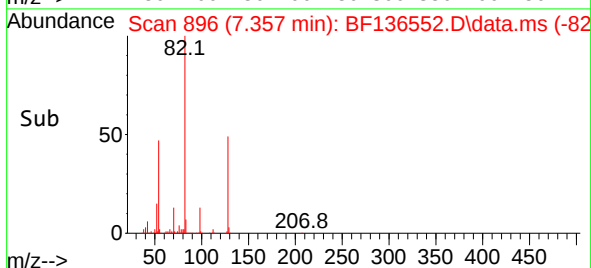
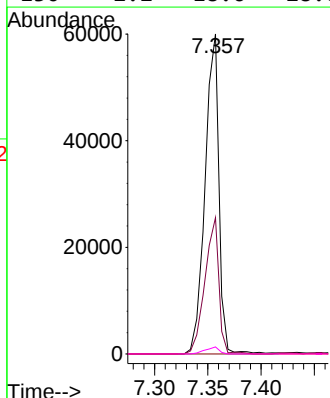
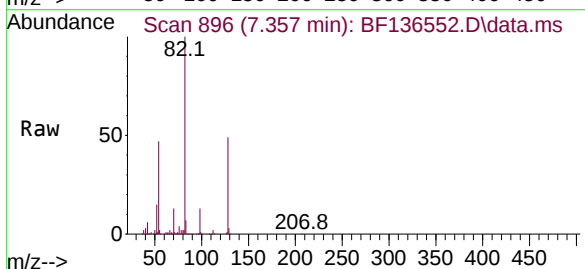
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-CON

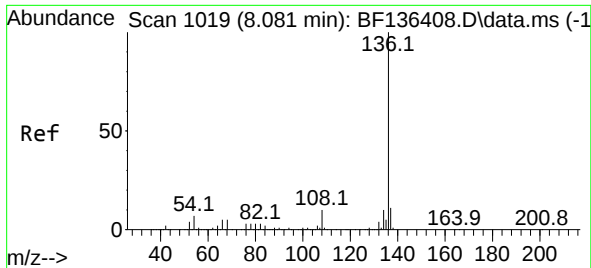
Tgt Ion: 99 Resp: 685453
Ion Ratio Lower Upper
99 100
42 14.3 12.8 19.2
71 32.7 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.824 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

Tgt Ion: 70 Resp: 54647
Ion Ratio Lower Upper
70 100
42 42.6 41.4 62.0
101 0.0 8.2 12.4#
130 2.2 18.6 28.0#

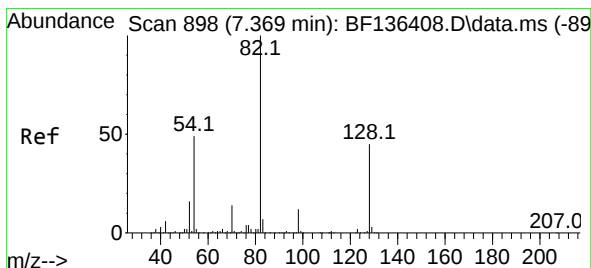
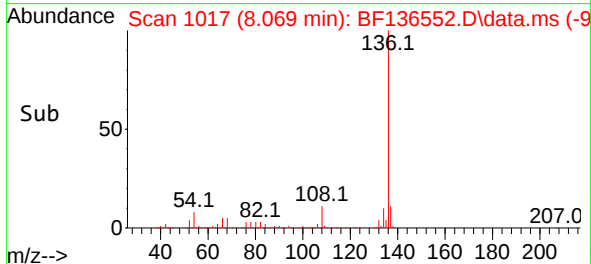
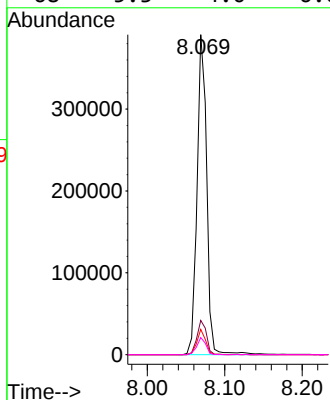
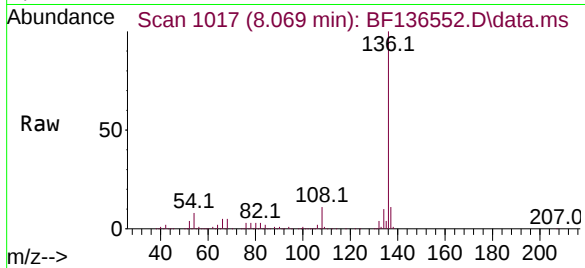




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

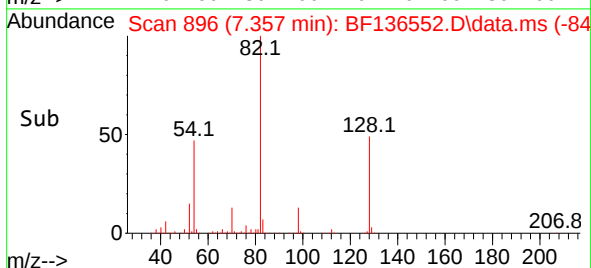
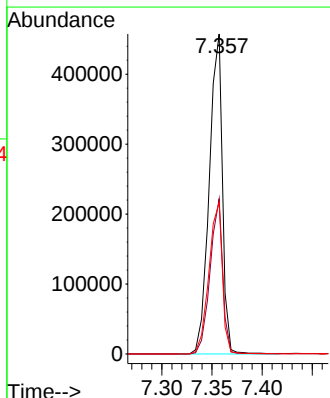
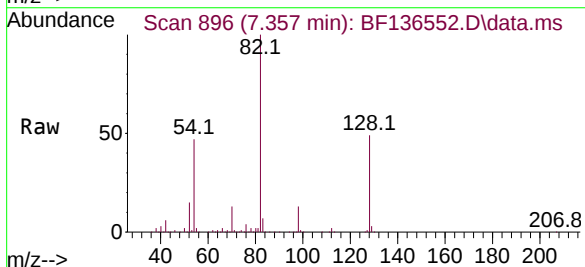
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-CON

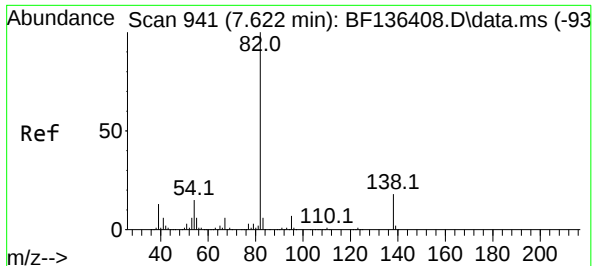
Tgt	Ion:136	Resp:	337762
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.9	5.7	8.5
68	5.3	4.0	6.0



#23
Nitrobenzene-d5
Concen: 67.065 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

Tgt Ion: 82	Resp: 419015
Ion Ratio	Lower Upper
82 100	
128 48.5	36.3 54.5
54 47.4	39.0 58.6

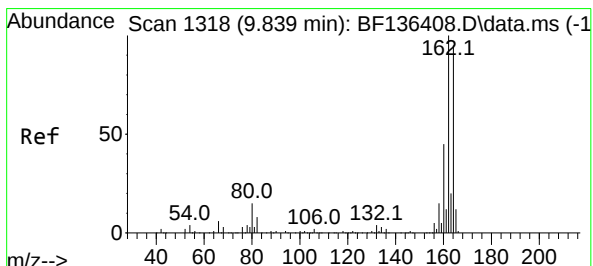
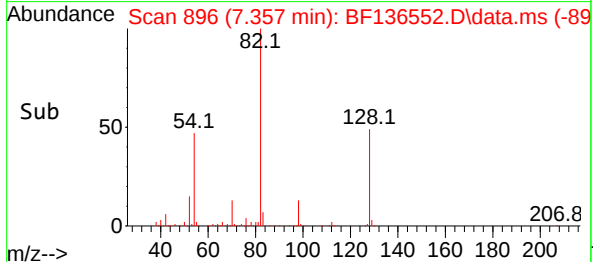
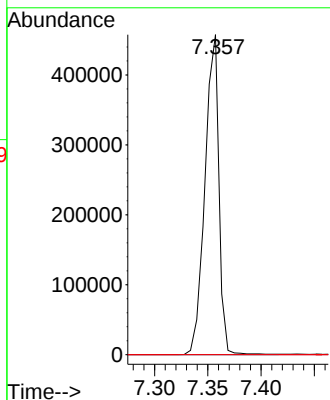
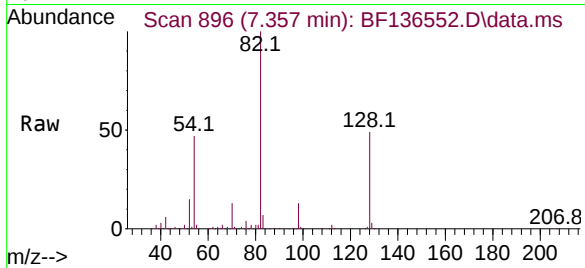




#25
Isophorone
Concen: 37.329 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

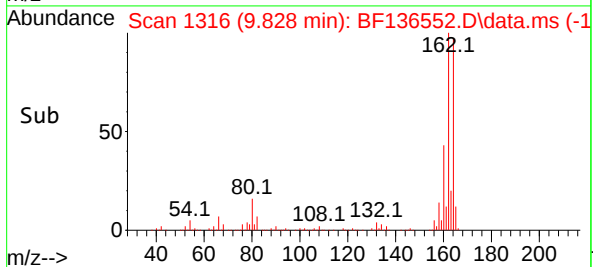
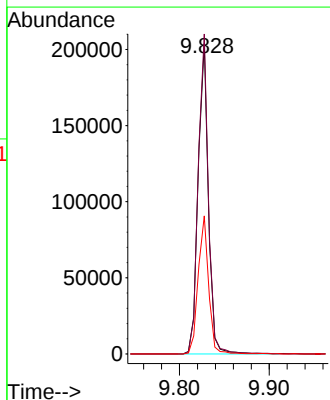
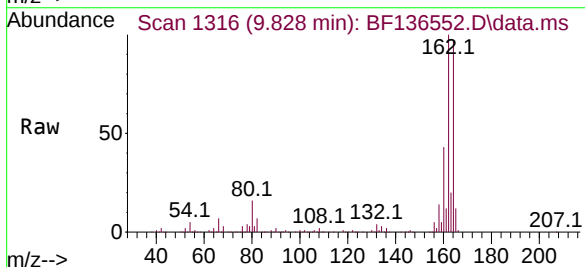
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-CON

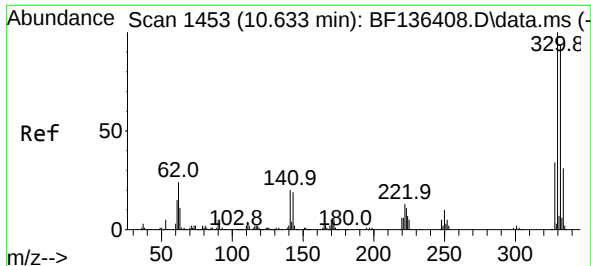
Tgt Ion: 82 Resp: 419010
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

Tgt Ion:164 Resp: 161595
Ion Ratio Lower Upper
164 100
162 103.1 84.4 126.6
160 44.5 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 58.018 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136552.D

Acq: 13 Dec 2023 22:54

Instrument :

BNA_F

ClientSampleId :

ELM-N7THSTREET-DRUMS-CON

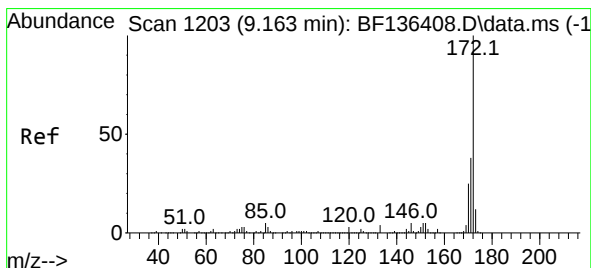
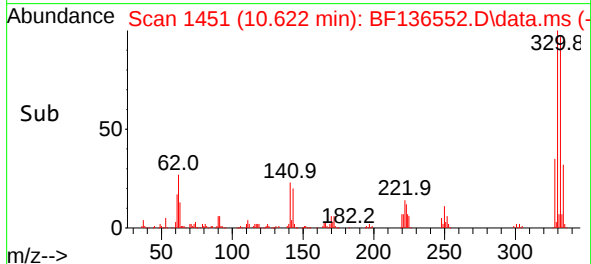
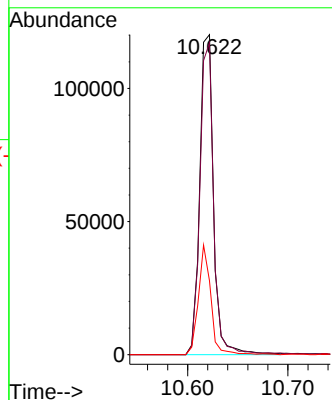
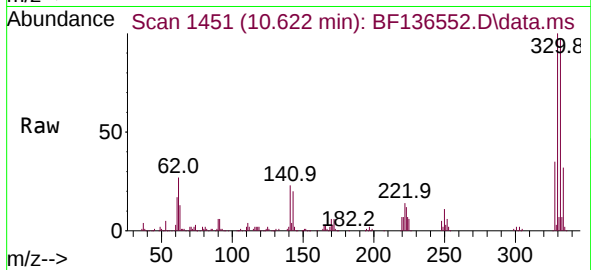
Tgt Ion:330 Resp: 115600

Ion Ratio Lower Upper

330 100

332 97.1 76.4 114.6

141 30.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 75.192 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136552.D

Acq: 13 Dec 2023 22:54

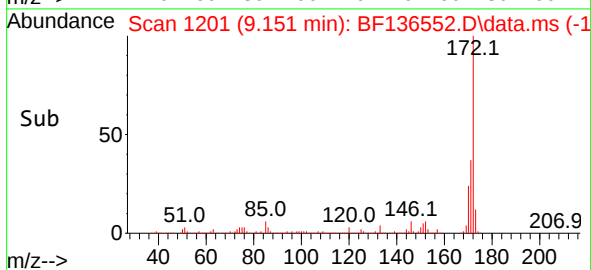
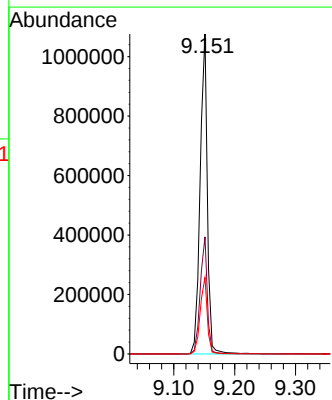
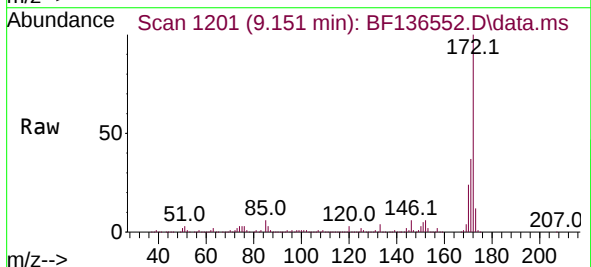
Tgt Ion:172 Resp: 890485

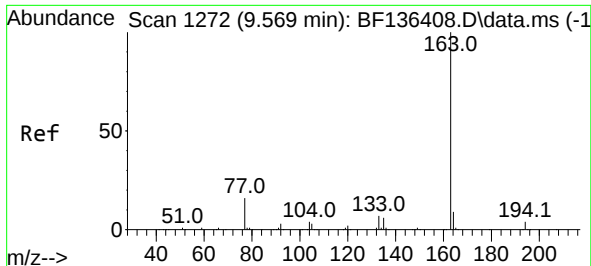
Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

170 23.9 19.9 29.9

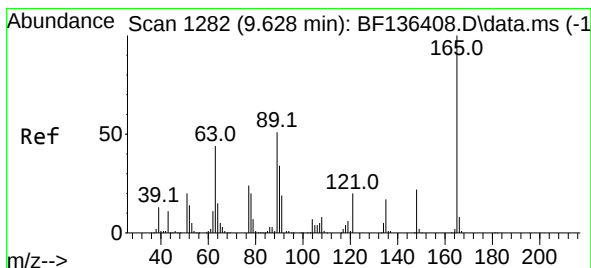
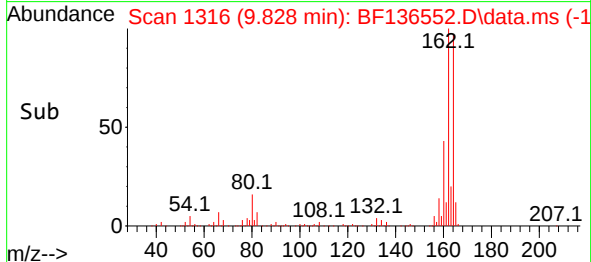
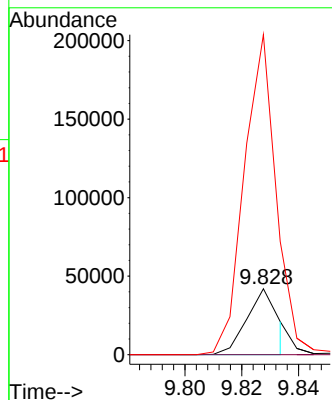
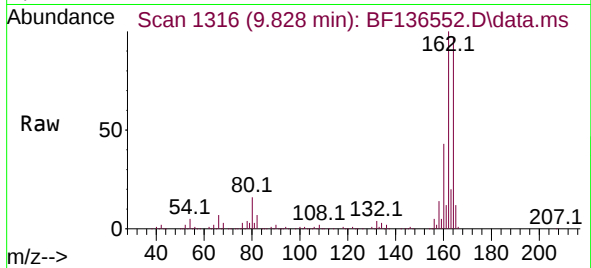




#50
Dimethylphthalate
Concen: 2.679 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

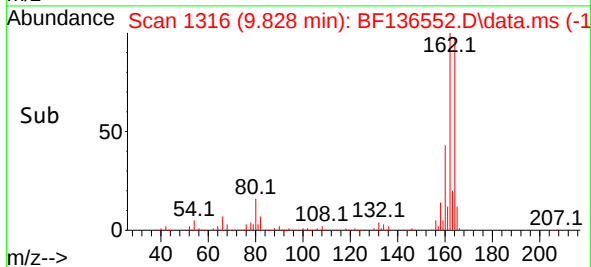
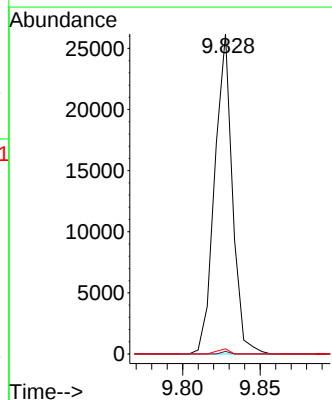
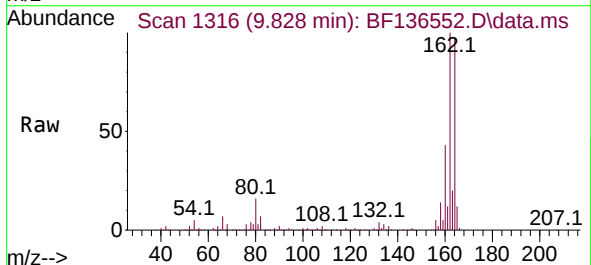
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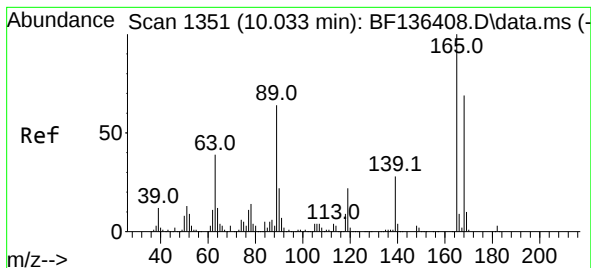
Tgt Ion:163 Resp: 31872
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 485.6 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.767 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

Tgt Ion:165 Resp: 20789
Ion Ratio Lower Upper
165 100
63 0.8 40.4 60.6#
89 1.6 40.6 60.8#

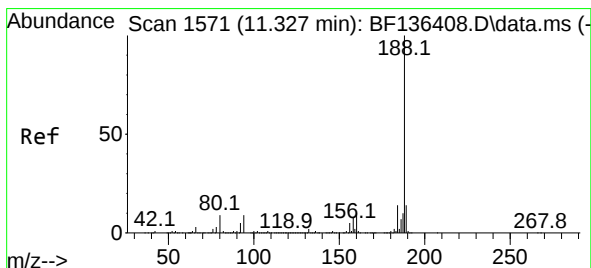
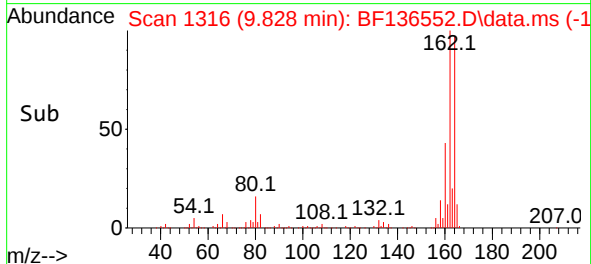
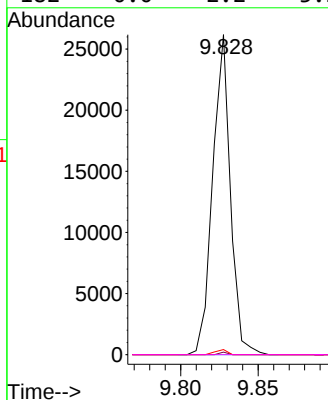
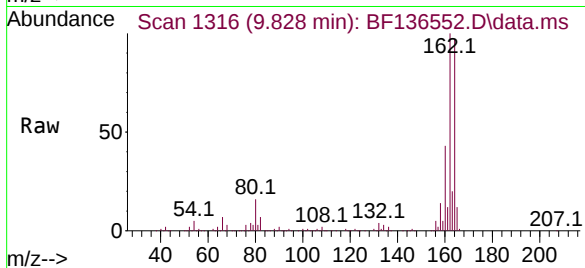




#57
2,4-Dinitrotoluene
Concen: 5.871 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

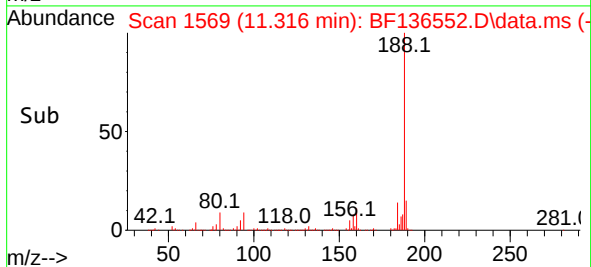
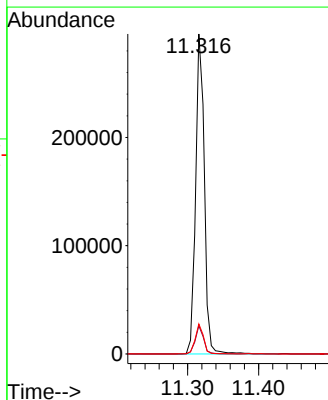
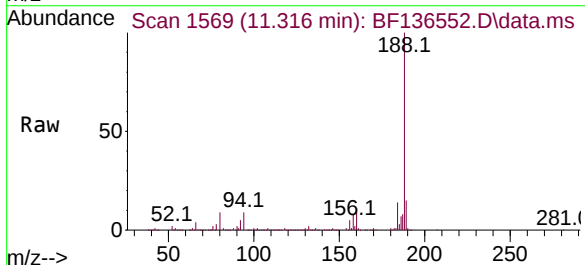
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-CON

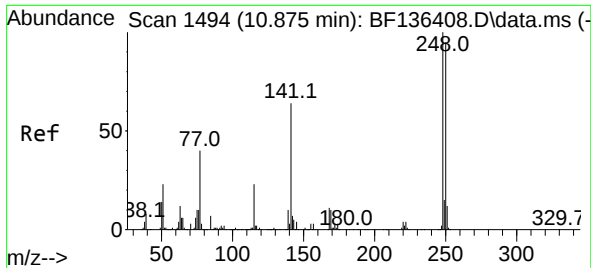
Tgt Ion:165 Resp: 20789
Ion Ratio Lower Upper
165 100
63 0.8 31.4 47.2#
89 1.6 51.7 77.5#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

Tgt Ion:188 Resp: 252743
Ion Ratio Lower Upper
188 100
94 8.8 7.2 10.8
80 9.4 7.2 10.8

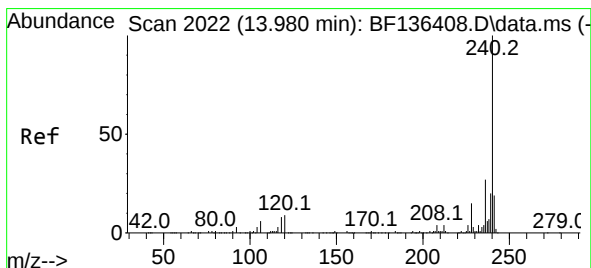
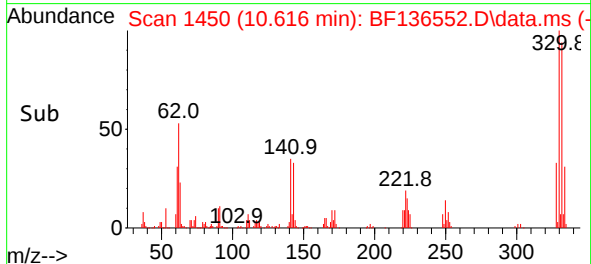
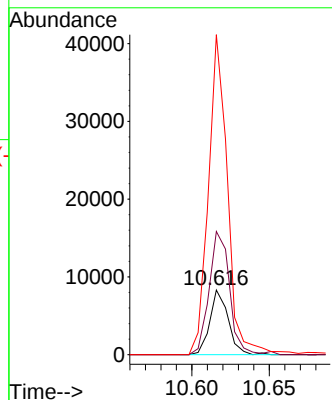
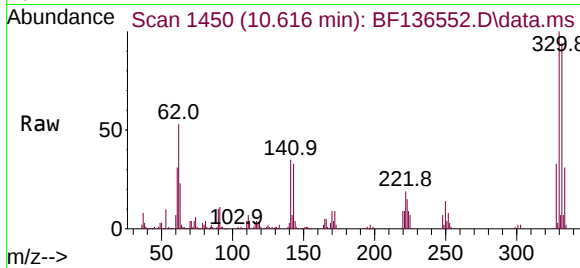




#67
4-Bromophenyl-phenylether
Concen: 2.340 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.259 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

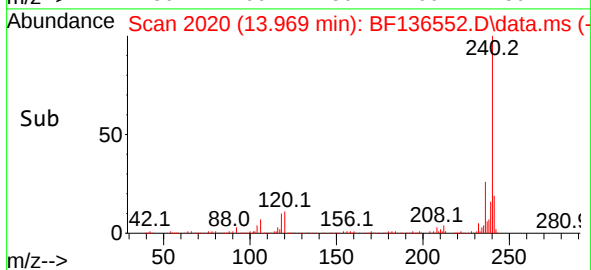
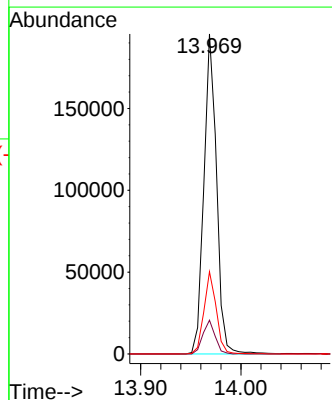
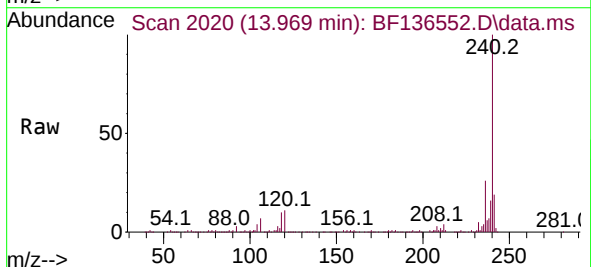
Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-CON

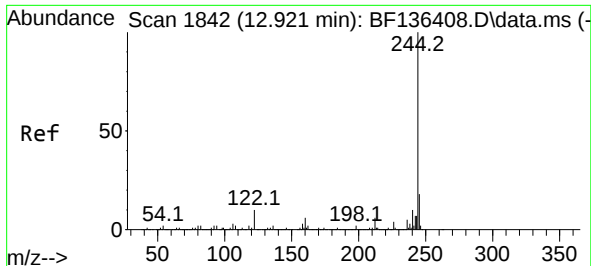
Tgt Ion:248 Resp: 6877
Ion Ratio Lower Upper
248 100
250 190.5 76.2 114.2#
141 494.7 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

Tgt Ion:240 Resp: 172427
Ion Ratio Lower Upper
240 100
120 10.5 7.3 10.9
236 25.7 21.3 31.9

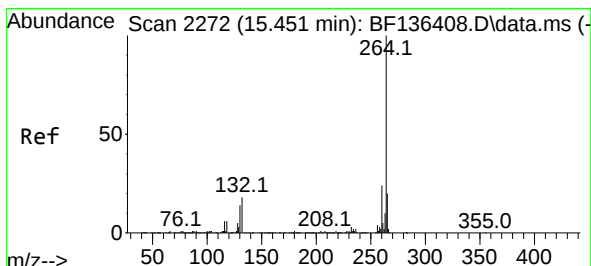
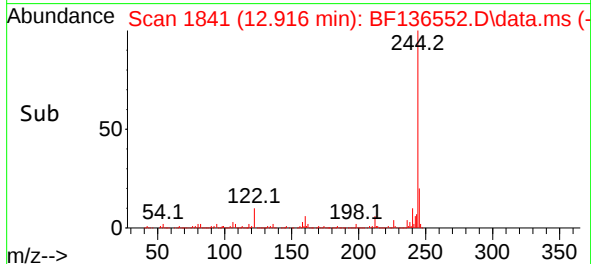
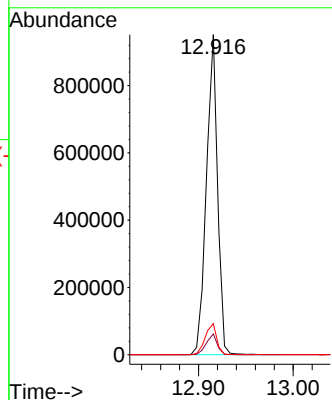
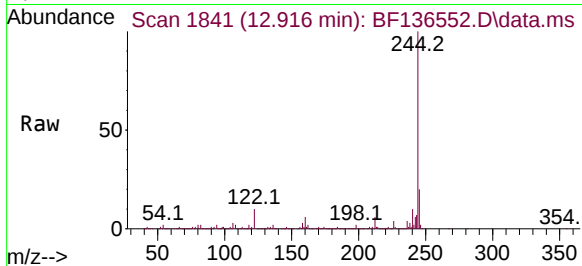




#79
Terphenyl-d14
Concen: 59.208 ng
RT: 12.916 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

Instrument :
BNA_F
ClientSampleId :
ELM-N7THSTREET-DRUMS-CON

Tgt Ion:244 Resp: 774563
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 9.7 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF136552.D
Acq: 13 Dec 2023 22:54

Tgt Ion:264 Resp: 192261
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 19.9 15.9 23.9

