

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136517.D
 Acq On : 12 Dec 2023 15:46
 Operator : CG\JU
 Sample : 05634-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 344

Quant Time: Dec 12 16:07:22 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)

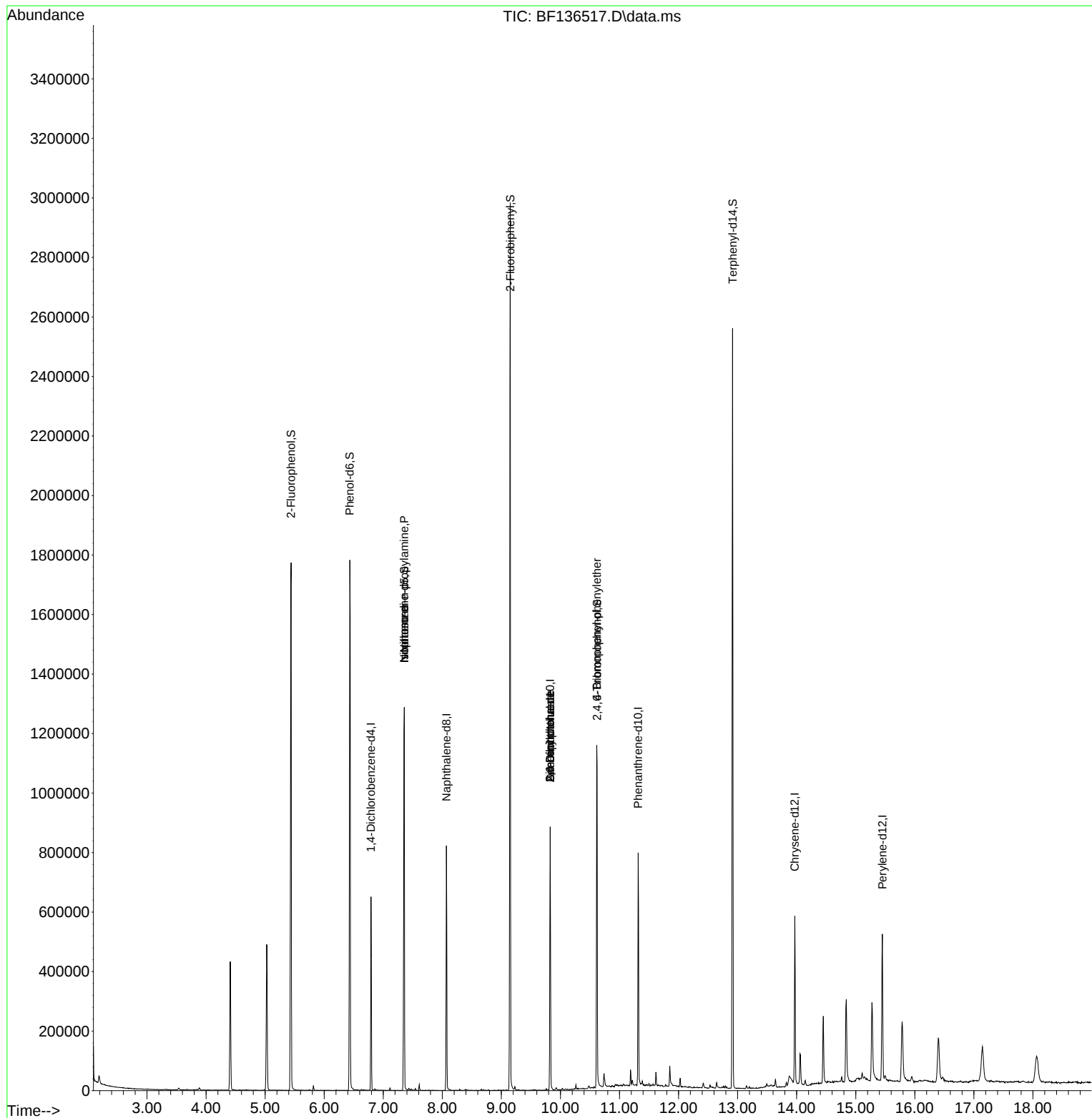
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	89527	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	346928	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	167625	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	283195	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	181908	20.000	ng	-0.01
86) Perylene-d12	15.451	264	221503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	532396	87.823	ng	0.00
7) Phenol-d6	6.434	99	686405	90.753	ng	-0.01
23) Nitrobenzene-d5	7.357	82	442898	69.015	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	159954	77.391	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	899727	73.240	ng	-0.01
79) Terphenyl-d14	12.916	244	862211	62.473	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.434	77	961	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.357	70	56508	12.952	ng	# 75
25) Isophorone	7.357	82	442967	38.420	ng	# 65
50) Dimethylphthalate	9.828	163	33324	2.700	ng	# 1
51) 2,6-Dinitrotoluene	9.828	165	21447	7.725	ng	# 29
57) 2,4-Dinitrotoluene	9.828	165	21447	5.839	ng	# 28
67) 4-Bromophenyl-phenylether	10.616	248	9782	2.971	ng	# 1

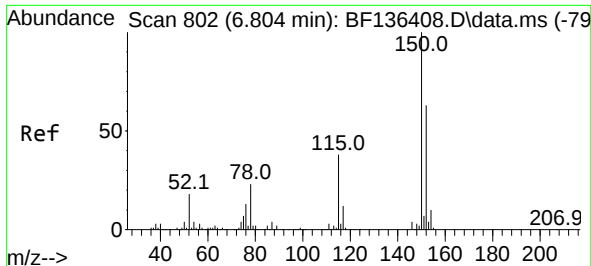
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
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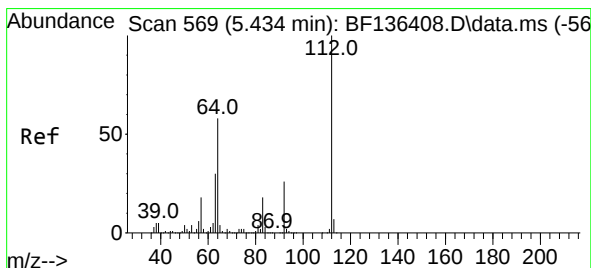
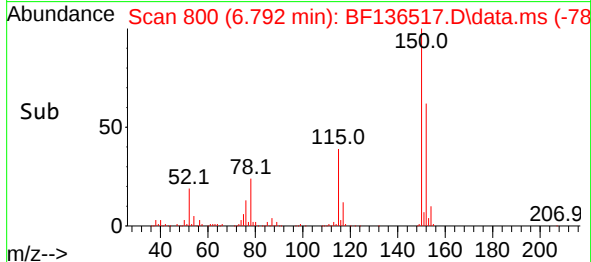
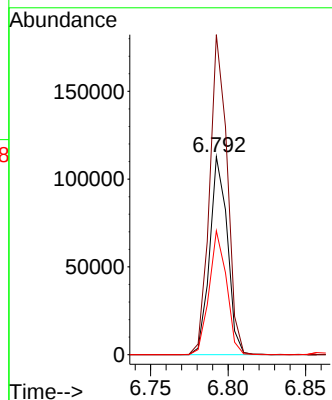
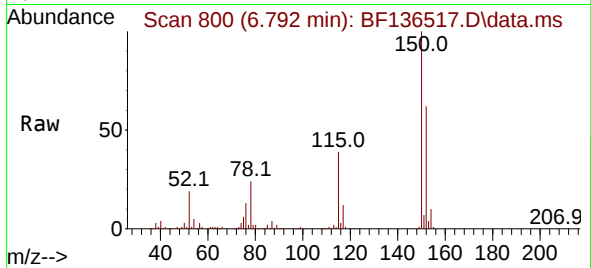




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BF136517.D
 Acq: 12 Dec 2023 15:46

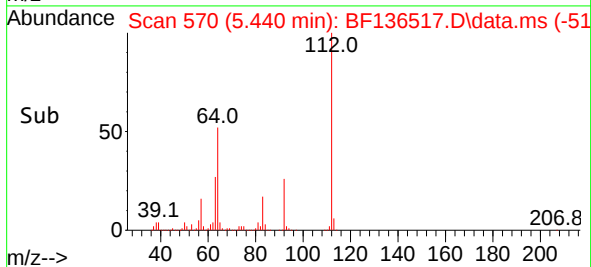
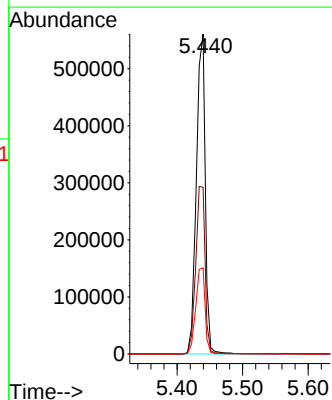
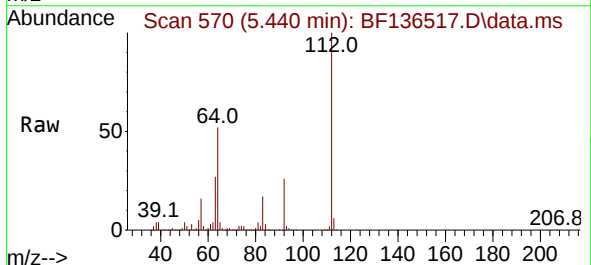
Instrument :
 BNA_F
 ClientSampleId :
 344

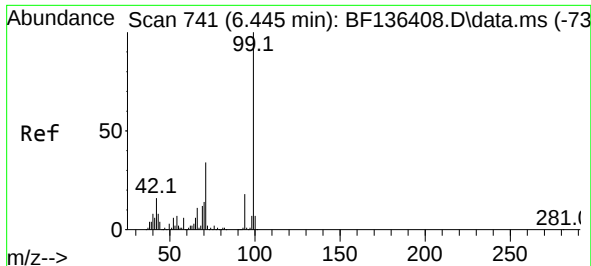
Tgt Ion:152 Resp: 89527
 Ion Ratio Lower Upper
 152 100
 150 161.7 126.4 189.6
 115 62.6 48.2 72.4



#5
 2-Fluorophenol
 Concen: 87.823 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: BF136517.D
 Acq: 12 Dec 2023 15:46

Tgt Ion:112 Resp: 532396
 Ion Ratio Lower Upper
 112 100
 64 52.1 46.5 69.7
 63 26.9 23.9 35.9

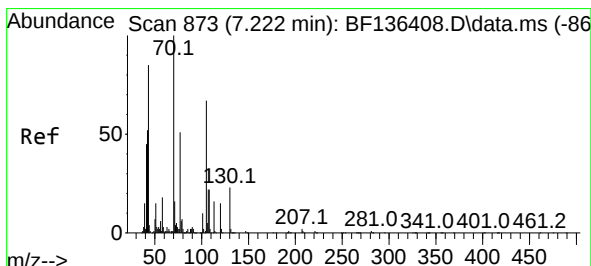
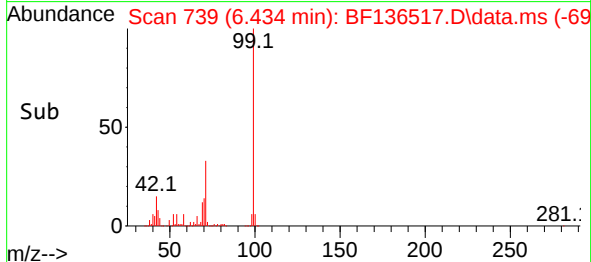
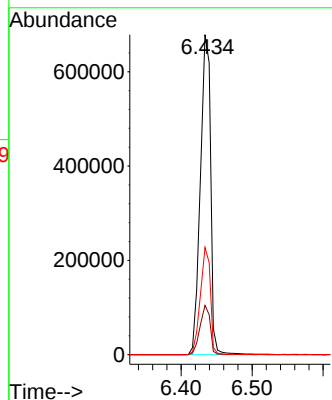
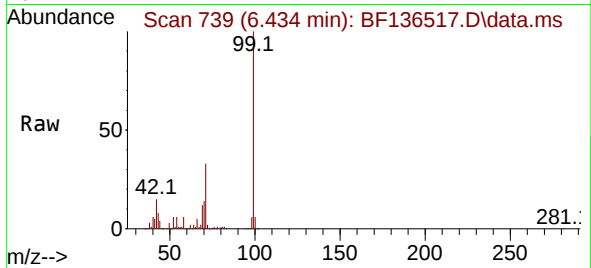




#7
Phenol-d6
Concen: 90.753 ng
RT: 6.434 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

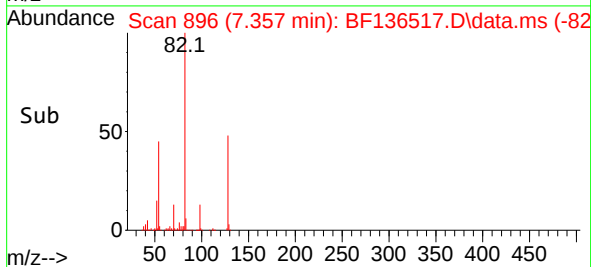
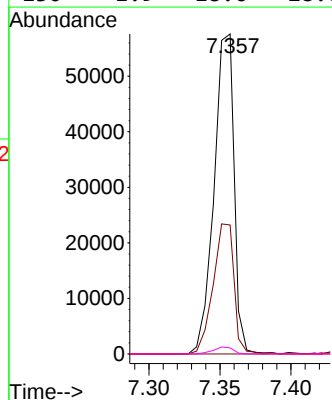
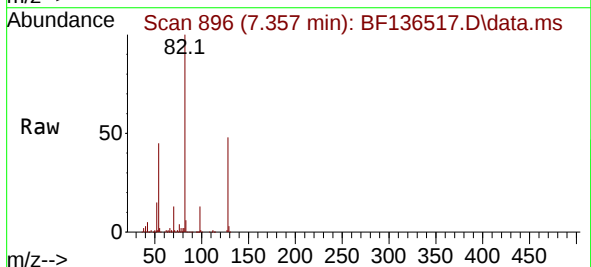
Instrument :
BNA_F
ClientSampleId :
344

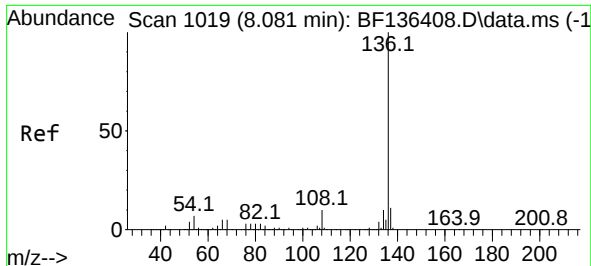
Tgt Ion: 99 Resp: 686405
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 33.5 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.952 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.135 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

Tgt Ion: 70 Resp: 56508
Ion Ratio Lower Upper
70 100
42 40.3 41.4 62.0#
101 0.0 8.2 12.4#
130 1.9 18.6 28.0#



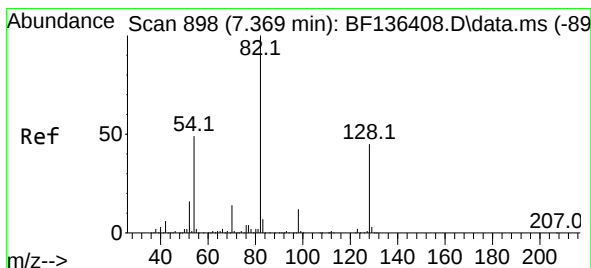
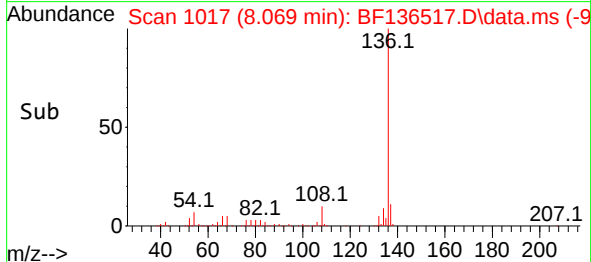
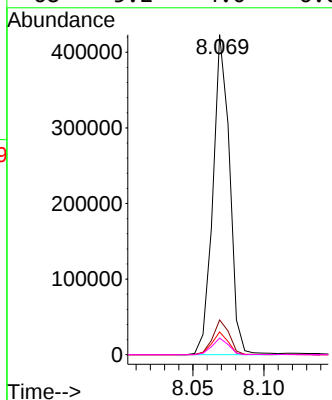
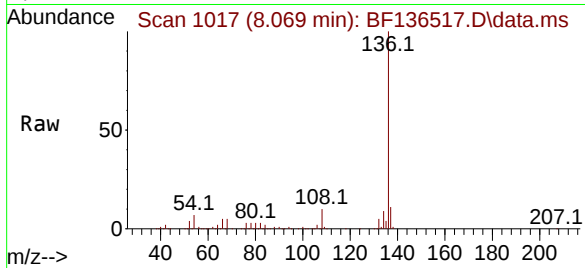


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

Instrument :
BNA_F
ClientSampleId :
344

Tgt Ion:136 Resp: 346928

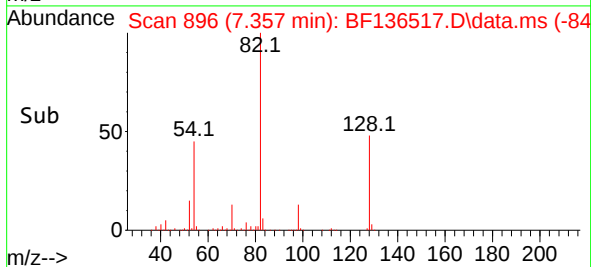
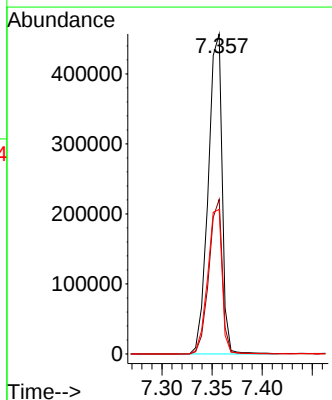
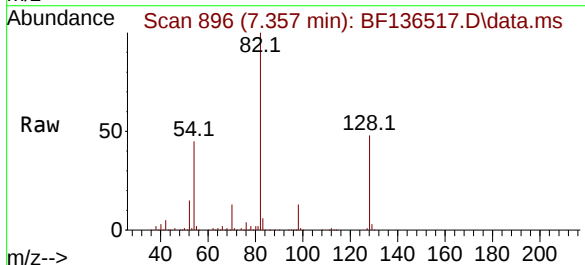
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.1	5.7	8.5
68	5.2	4.0	6.0

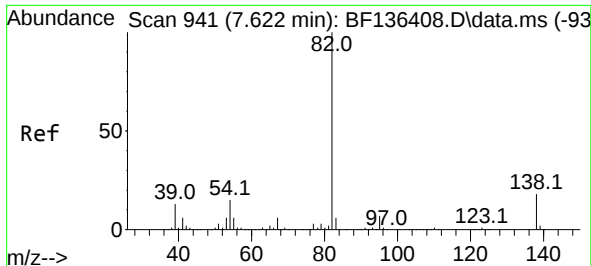


#23
Nitrobenzene-d5
Concen: 69.015 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

Tgt Ion: 82 Resp: 442898

Ion	Ratio	Lower	Upper
82	100		
128	48.3	36.3	54.5
54	45.2	39.0	58.6

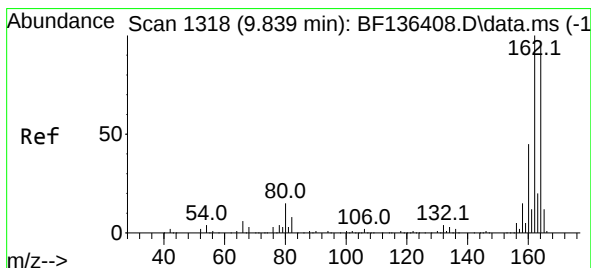
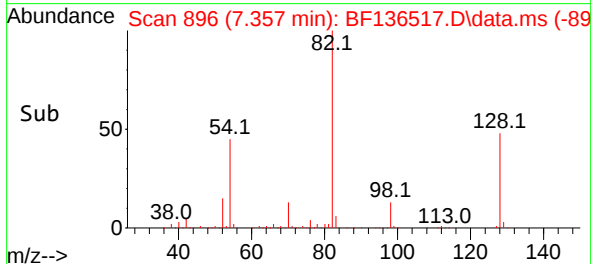
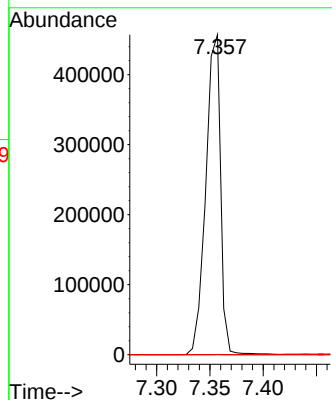
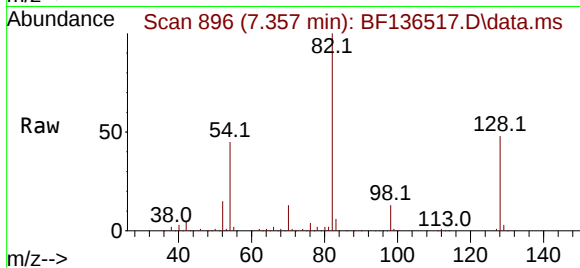




#25
Isophorone
Concen: 38.420 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

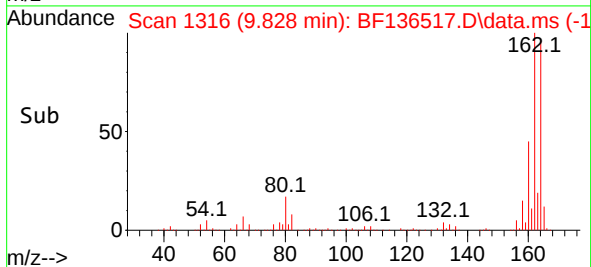
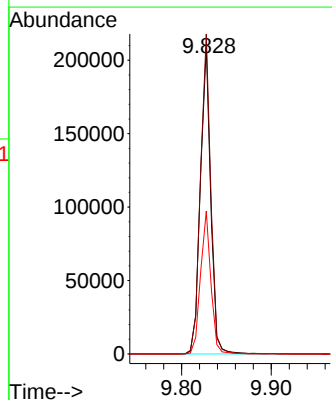
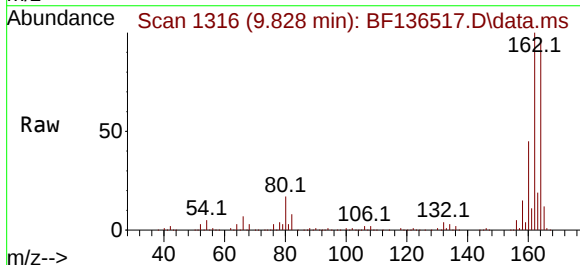
Instrument :
BNA_F
ClientSampleId :
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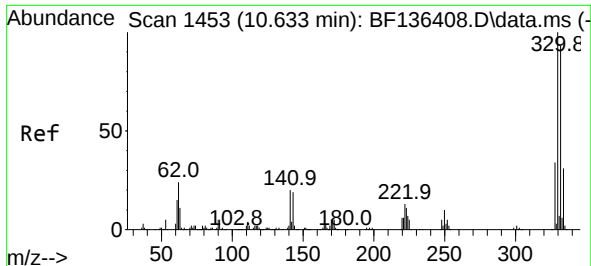
Tgt Ion: 82 Resp: 442967
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

Tgt Ion:164 Resp: 167625
Ion Ratio Lower Upper
164 100
162 104.1 84.4 126.6
160 46.5 37.6 56.4

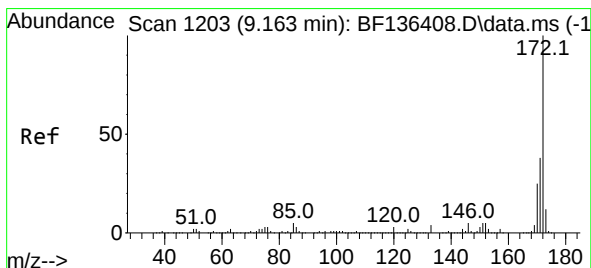
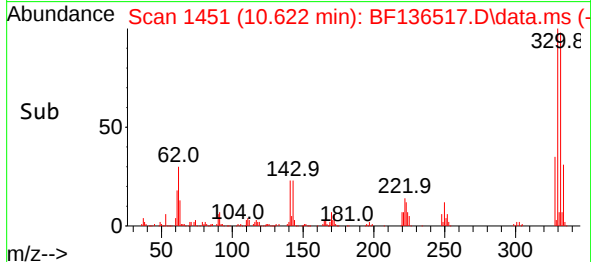
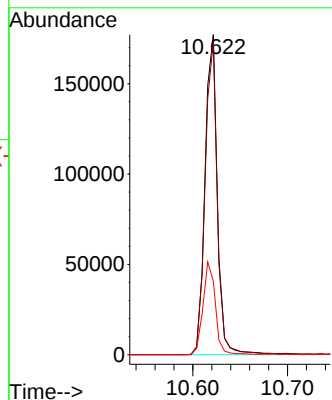
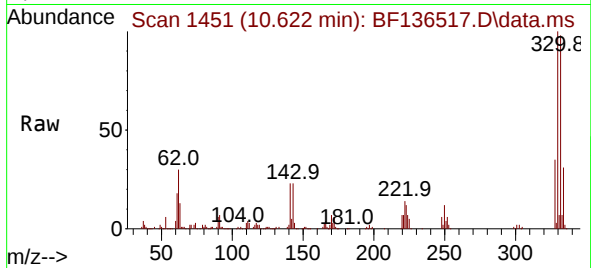




#42
2,4,6-Tribromophenol
Concen: 77.391 ng
RT: 10.622 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

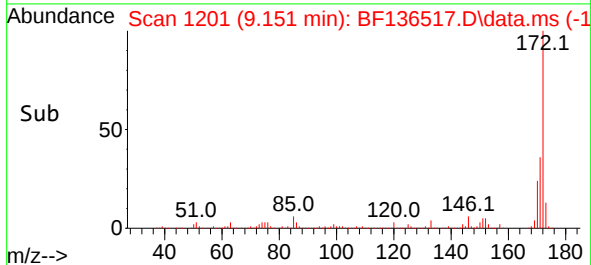
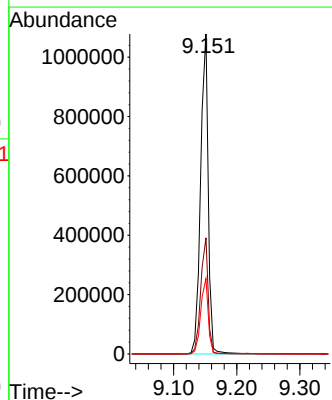
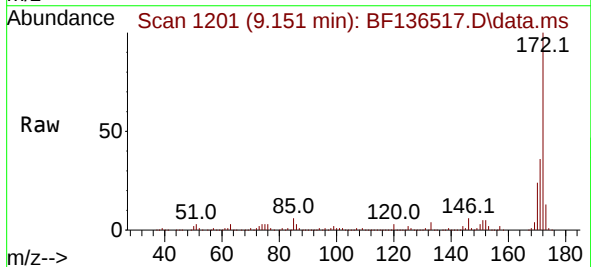
Instrument :
BNA_F
ClientSampleId :
344

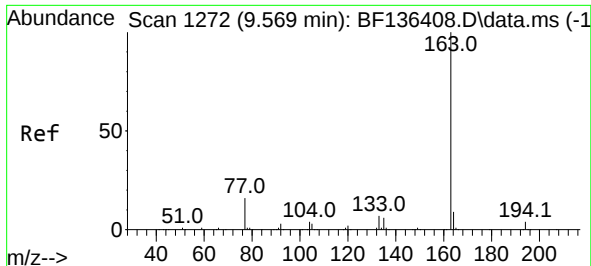
Tgt Ion:330 Resp: 159954
Ion Ratio Lower Upper
330 100
332 96.9 76.4 114.6
141 29.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 73.240 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

Tgt Ion:172 Resp: 899727
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 23.6 19.9 29.9

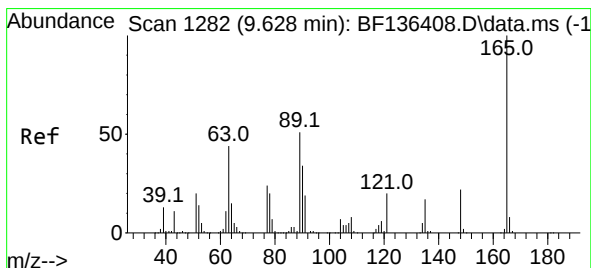
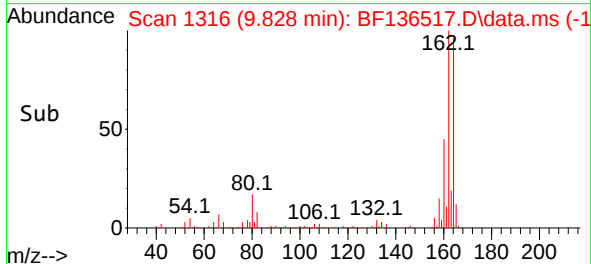
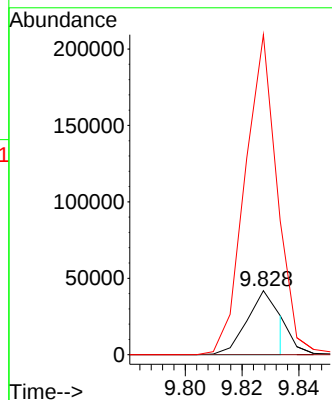
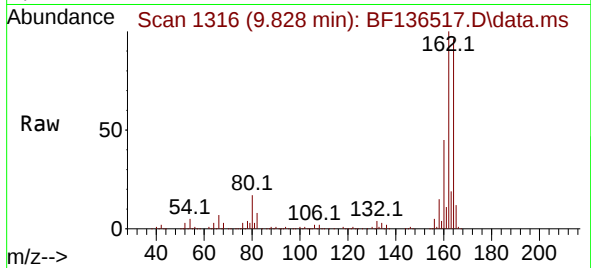




#50
Dimethylphthalate
Concen: 2.700 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.259 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

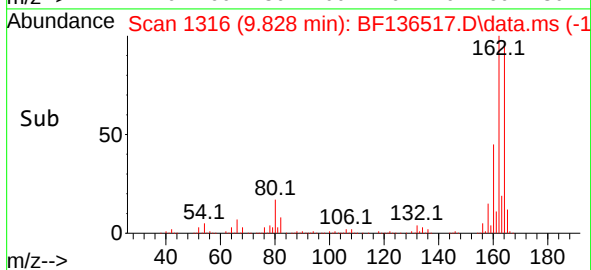
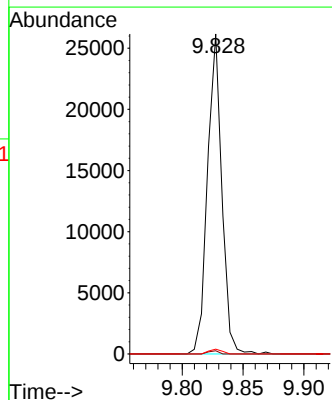
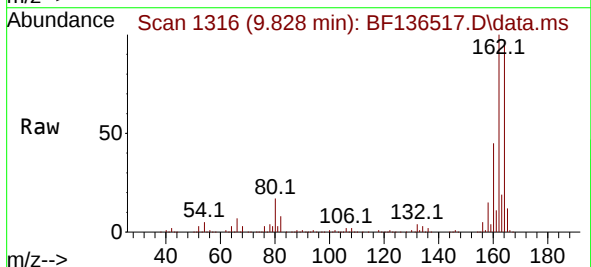
Instrument :
BNA_F
ClientSampleId :
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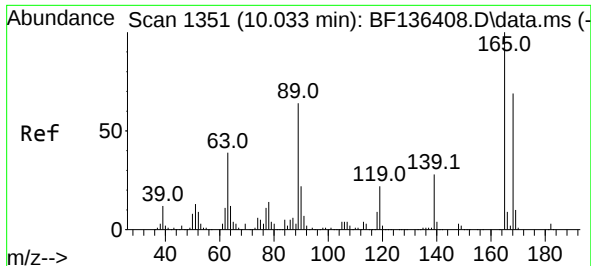
Tgt Ion:163 Resp: 33324
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 500.4 7.4 11.2#



#51
2,6-Dinitrotoluene
Concen: 7.725 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.200 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

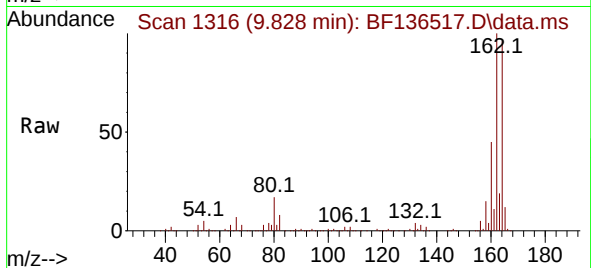
Tgt Ion:165 Resp: 21447
Ion Ratio Lower Upper
165 100
63 1.0 40.4 60.6#
89 1.5 40.6 60.8#



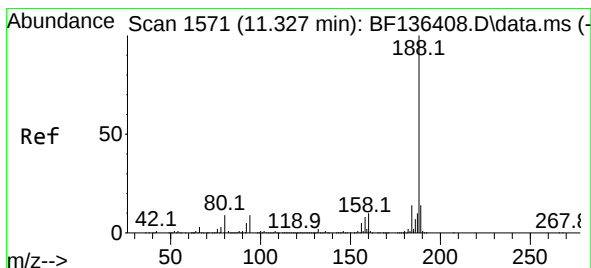
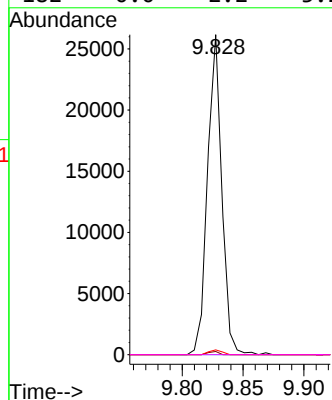
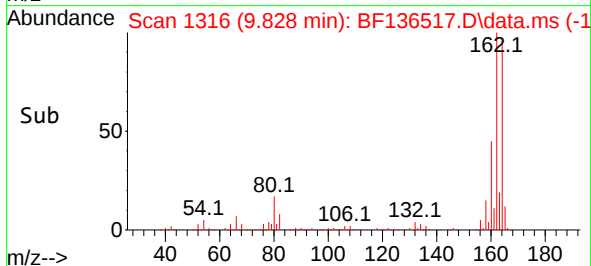


#57
2,4-Dinitrotoluene
Concen: 5.839 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

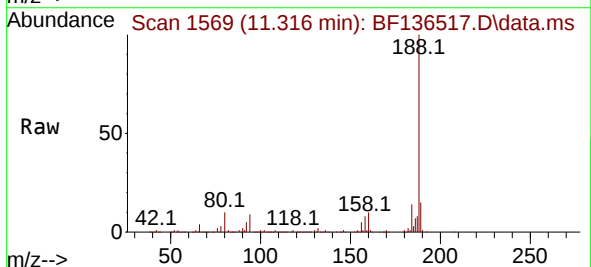
Instrument :
BNA_F
ClientSampleId :
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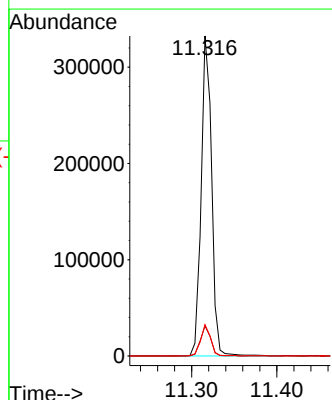
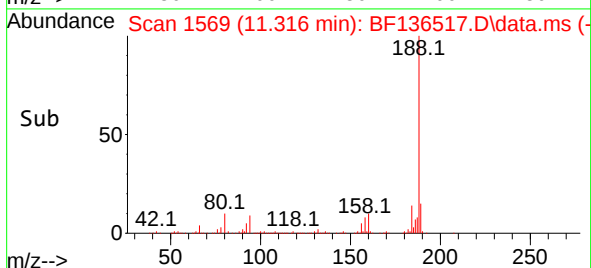
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Ion Ratio Lower Upper
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63 1.0 31.4 47.2#
89 1.5 51.7 77.5#
182 0.0 2.2 3.2#

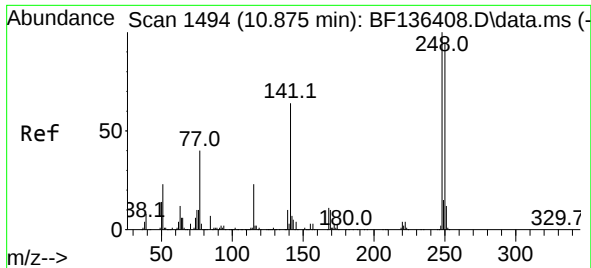


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46



Tgt Ion:188 Resp: 283195
Ion Ratio Lower Upper
188 100
94 9.4 7.2 10.8
80 9.8 7.2 10.8

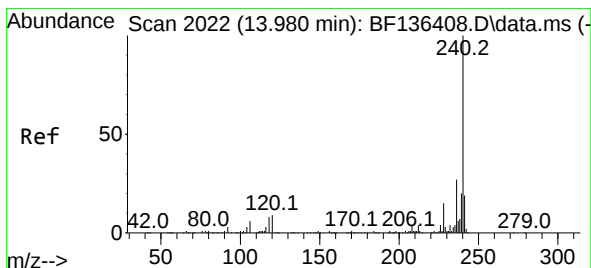
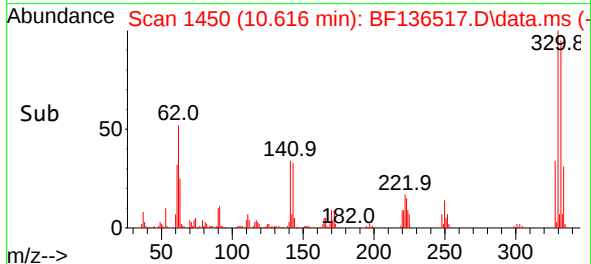
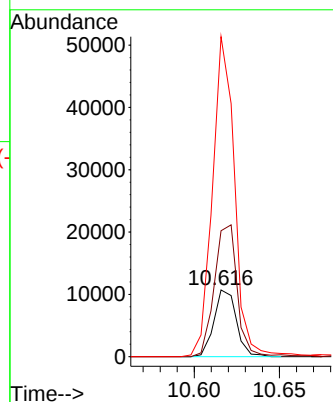
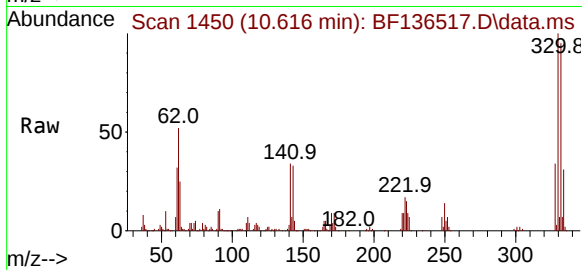




#67
4-Bromophenyl-phenylether
Concen: 2.971 ng
RT: 10.616 min Scan# 1494
Delta R.T. -0.259 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

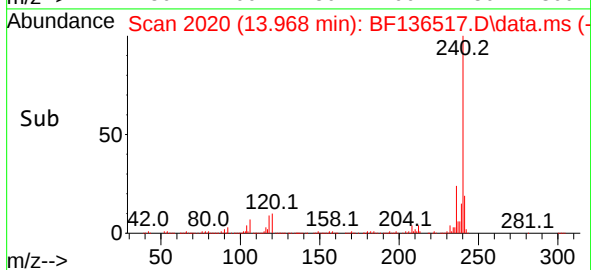
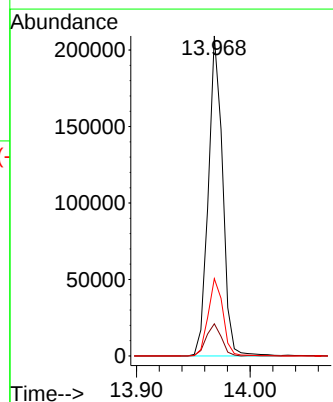
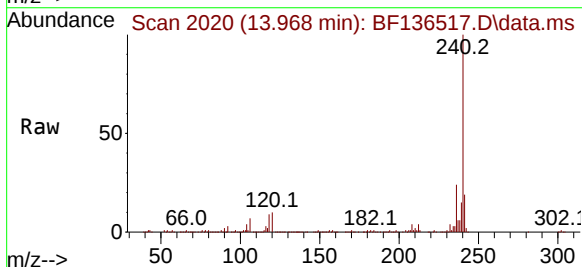
Instrument :
BNA_F
ClientSampleId :
344

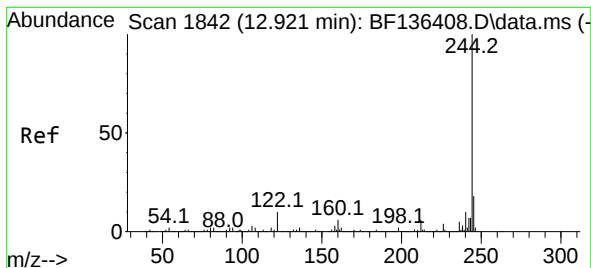
Tgt Ion:248 Resp: 9782
Ion Ratio Lower Upper
248 100
250 188.8 76.2 114.2#
141 479.7 51.0 76.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF136517.D
Acq: 12 Dec 2023 15:46

Tgt Ion:240 Resp: 181908
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 24.2 21.3 31.9





#79

Terphenyl-d14

Concen: 62.473 ng

RT: 12.916 min Scan# 1842

Delta R.T. -0.006 min

Lab File: BF136517.D

Acq: 12 Dec 2023 15:46

Instrument :

BNA_F

ClientSampleId :

344

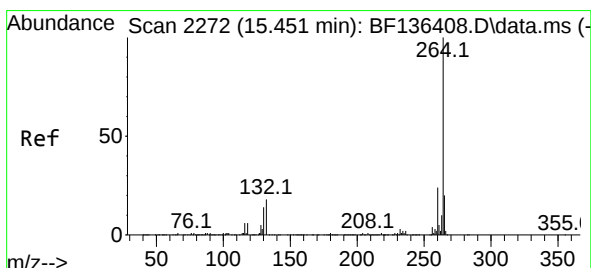
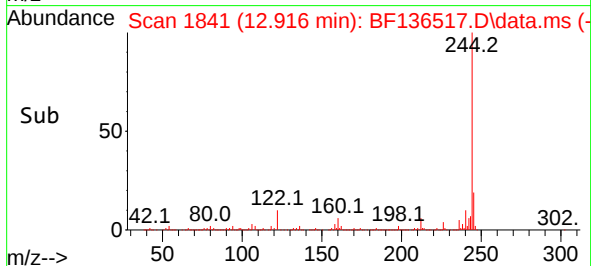
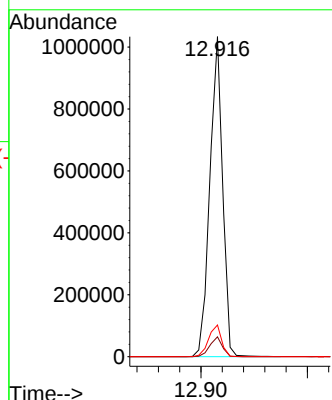
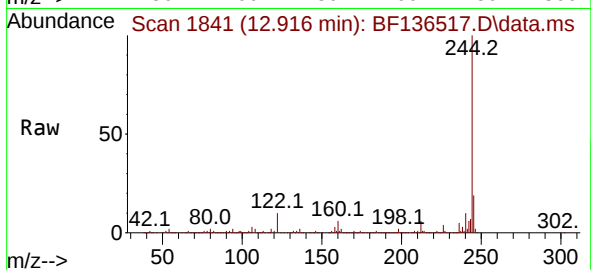
Tgt Ion:244 Resp: 862211

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 9.9 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: BF136517.D

Acq: 12 Dec 2023 15:46

Tgt Ion:264 Resp: 221503

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.5 15.9 23.9

