

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136189.D
 Acq On : 24 Nov 2023 20:17
 Operator : CG\JU
 Sample : 05468-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 24 23:09:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

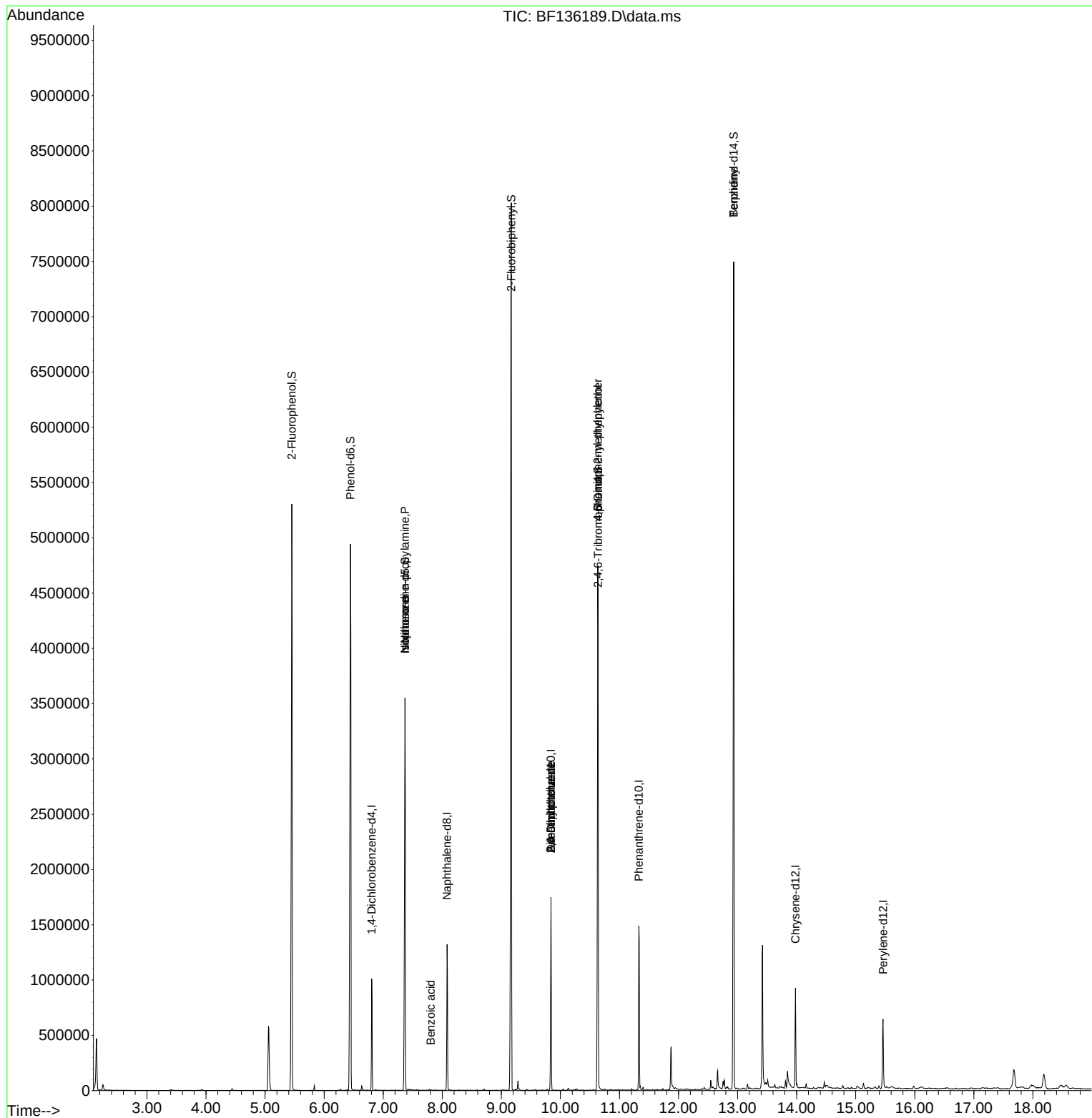
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	133912	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	588240	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	293420	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	553378	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	272748	20.000	ng	0.00
86) Perylene-d12	15.463	264	280996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1671970	198.801	ng	0.02
7) Phenol-d6	6.445	99	2164311	209.131	ng	0.00
23) Nitrobenzene-d5	7.369	82	1320404	125.260	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	706387	229.861	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2750968	138.589	ng	0.00
79) Terphenyl-d14	12.933	244	2785945	144.990	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	178063	29.806	ng	# 79
25) Isophorone	7.369	82	1320390	72.582	ng	# 64
32) Benzoic acid	7.804	122	73	5.015	ng	# 1
50) Dimethylphthalate	9.839	163	63399	3.198	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	35414	8.232	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	35414	6.482	ng	# 29
65) 4,6-Dinitro-2-methylph...	10.633	198	1312	5.084	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	38766	6.290	ng	# 1
77) Benzidine	12.933	184	30352	6.427	ng	# 93

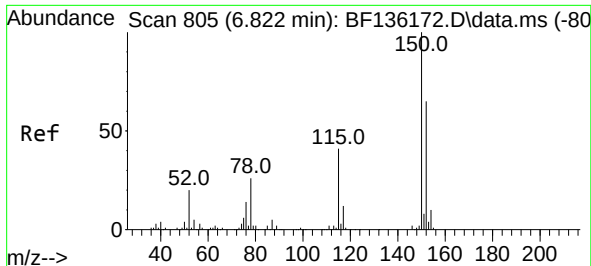
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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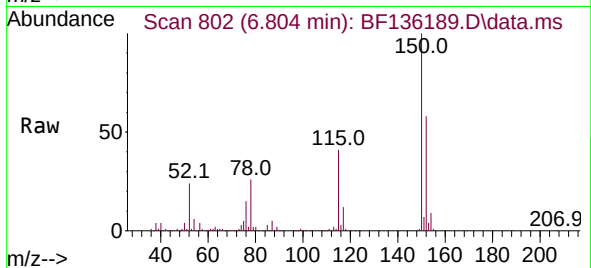
Quant Time: Nov 24 23:09:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
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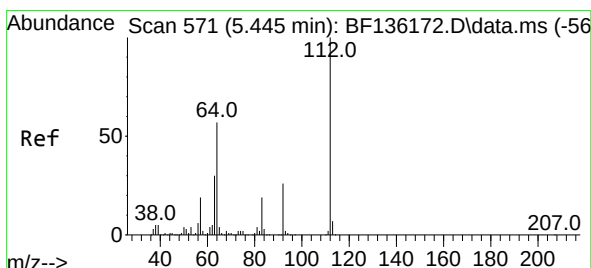
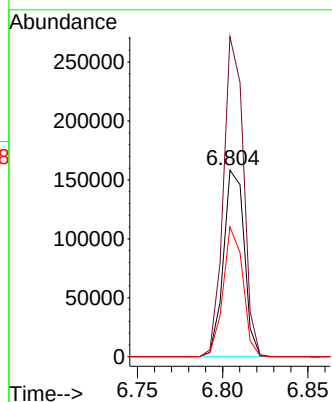
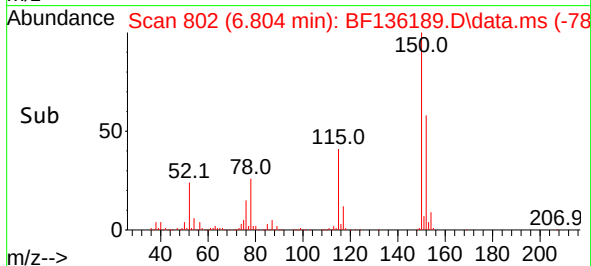


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

Instrument :
BNA_F
ClientSampleId :

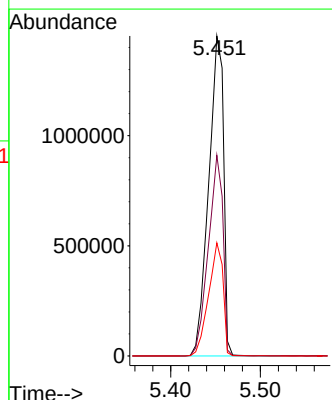
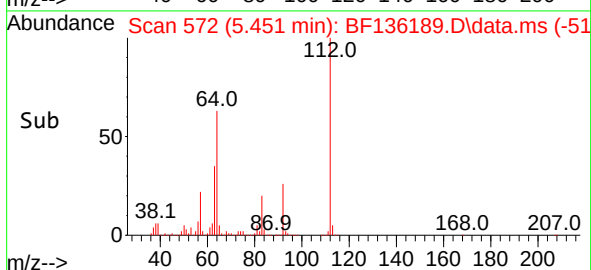
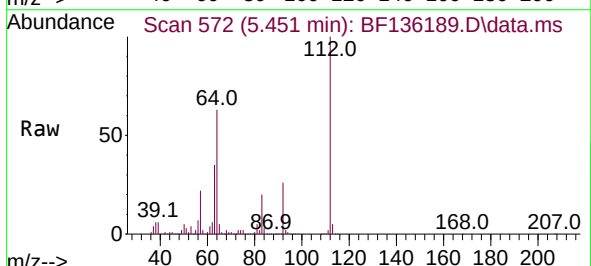


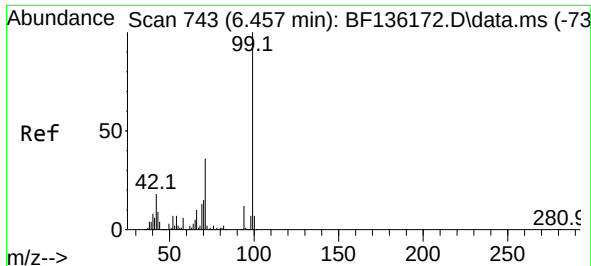
Tgt Ion:152 Resp: 133912
Ion Ratio Lower Upper
152 100
150 171.7 123.1 184.7
115 69.6 50.5 75.7



#5
2-Fluorophenol
Concen: 198.801 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

Tgt Ion:112 Resp: 1671970
Ion Ratio Lower Upper
112 100
64 62.7 45.4 68.0
63 35.3 24.4 36.6

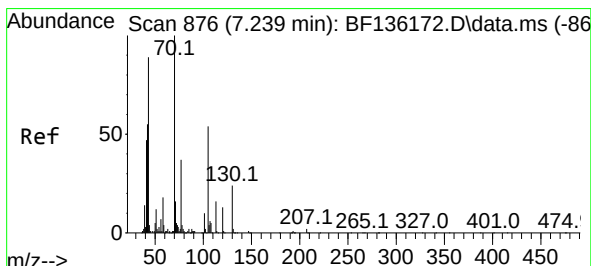
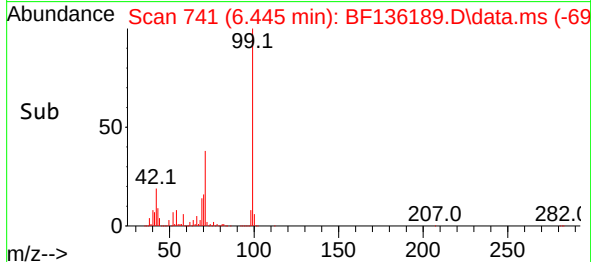
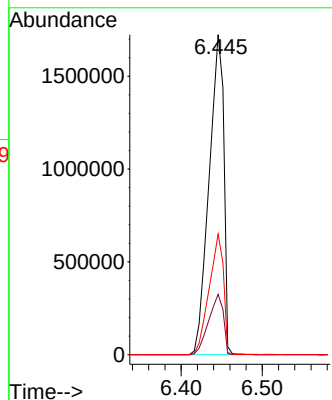
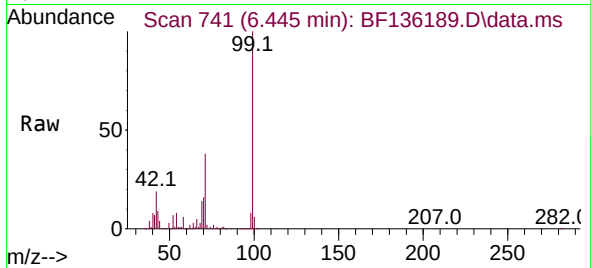




#7
Phenol-d6
Concen: 209.131 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

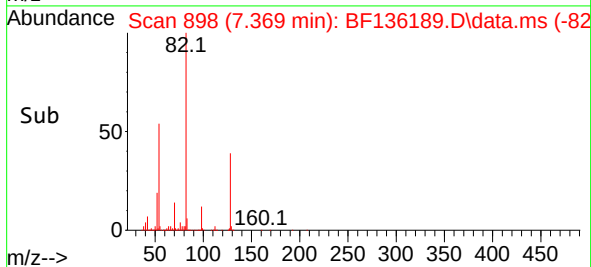
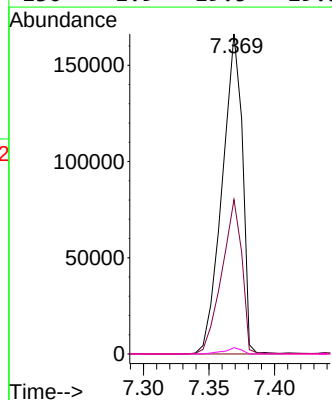
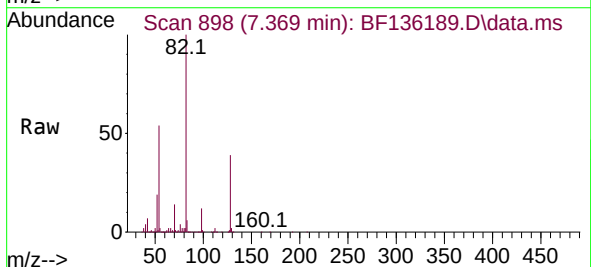
Instrument :
BNA_F
ClientSampleId :

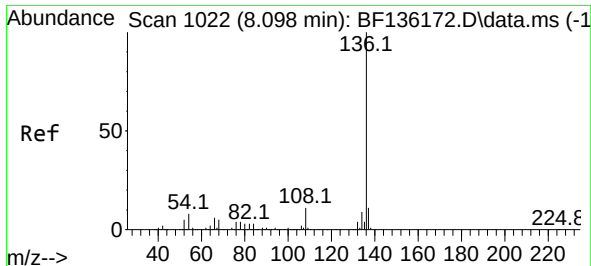
Tgt Ion: 99 Resp: 2164311
Ion Ratio Lower Upper
99 100
42 18.9 14.1 21.1
71 37.7 29.0 43.4



#19
n-Nitroso-di-n-propylamine
Concen: 29.806 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

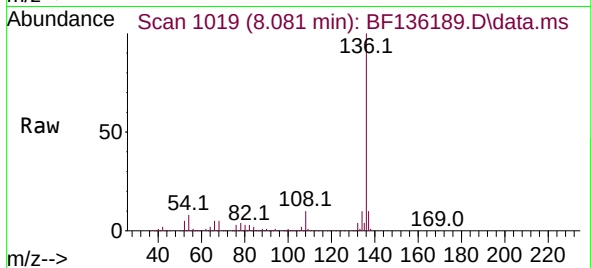
Tgt Ion: 70 Resp: 178063
Ion Ratio Lower Upper
70 100
42 48.3 43.9 65.9
101 0.0 8.1 12.1#
130 1.9 19.5 29.3#



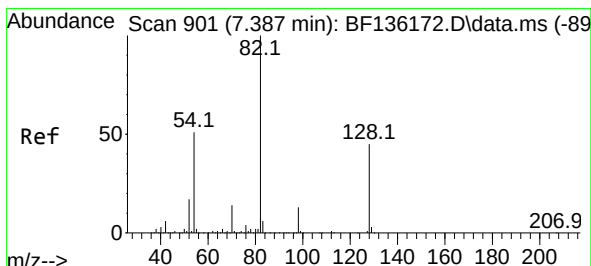
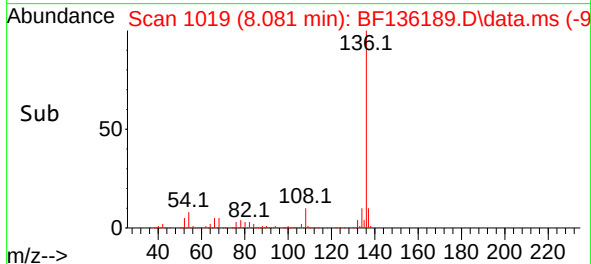
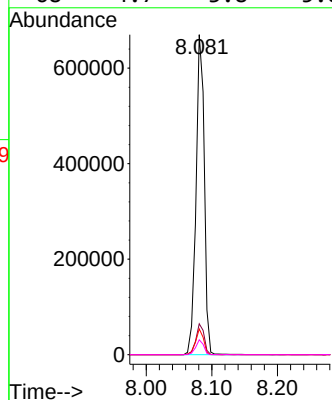


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

Instrument :
BNA_F
ClientSampleId :

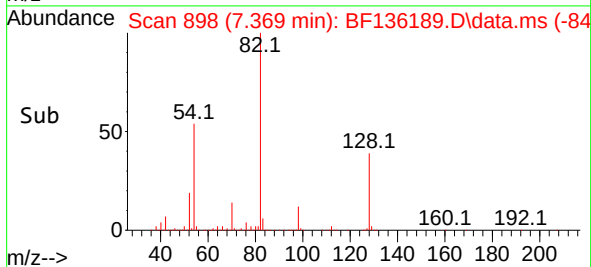
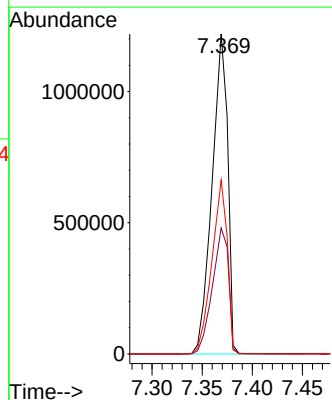
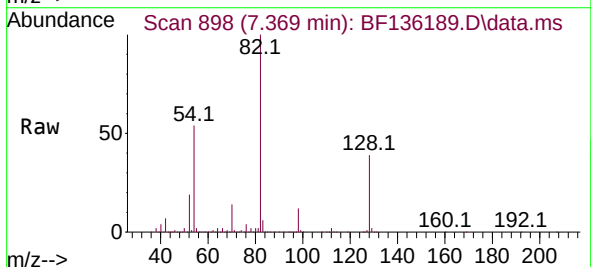


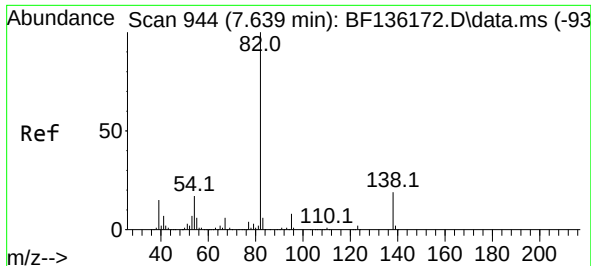
Tgt Ion:136	Resp:	588240	
Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.6	13.0
54	8.1	6.3	9.5
68	4.7	3.8	5.8



#23
Nitrobenzene-d5
Concen: 125.260 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

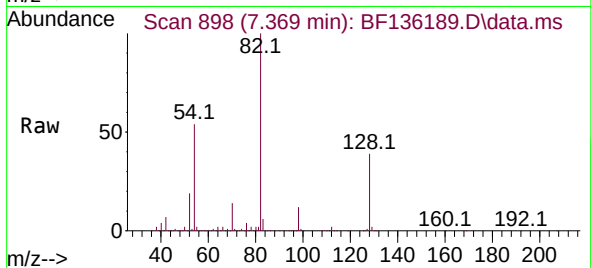
Tgt Ion: 82		Resp: 1320404	
Ion	Ratio	Lower	Upper
82	100		
128	39.4	35.8	53.6
54	54.3	40.6	60.8



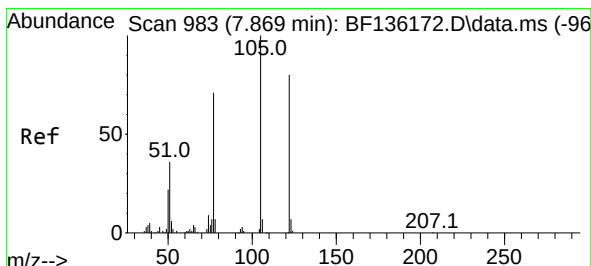
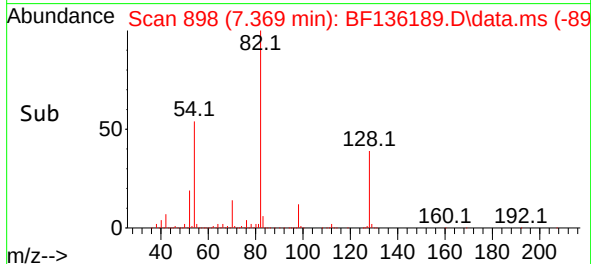
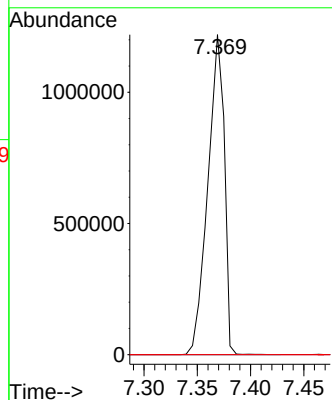


#25
Isophorone
Concen: 72.582 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

Instrument :
BNA_F
ClientSampleId :

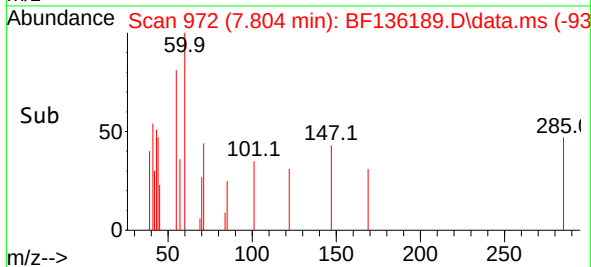
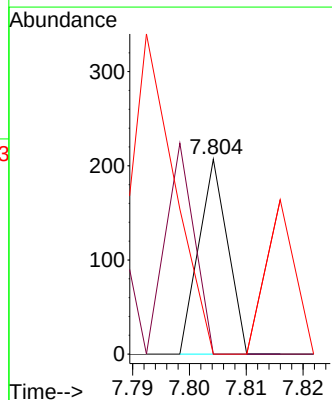
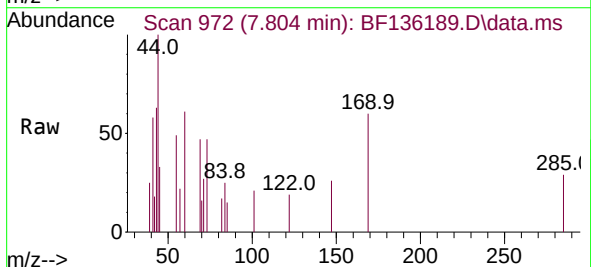


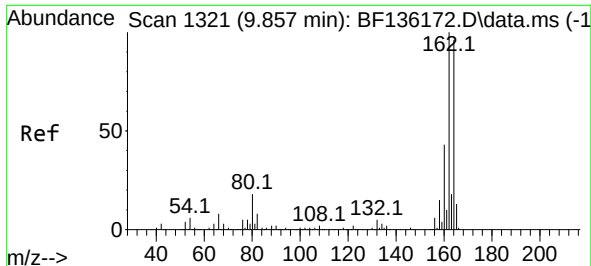
Tgt Ion: 82 Resp: 1320390
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.015 ng
RT: 7.804 min Scan# 972
Delta R.T. -0.053 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

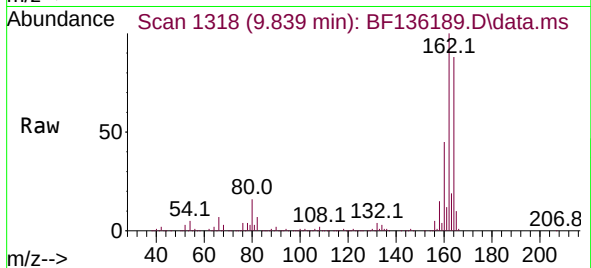
Tgt Ion:122 Resp: 73
Ion Ratio Lower Upper
122 100
105 0.0 102.5 142.5#
77 0.0 68.1 108.1#



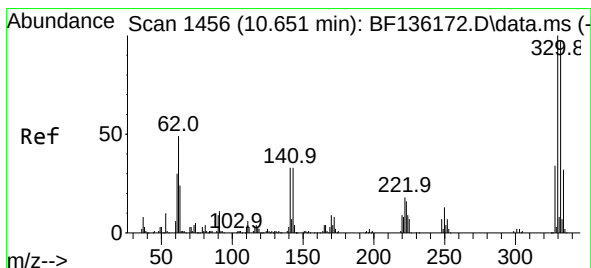
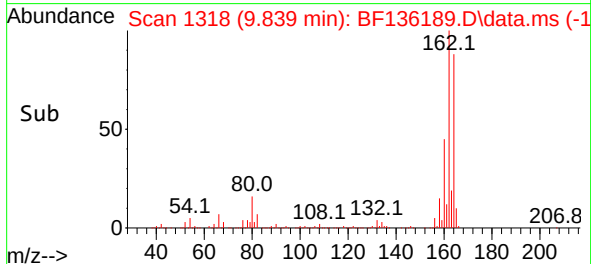
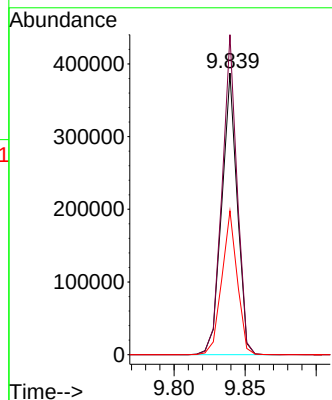


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

Instrument :
BNA_F
ClientSampleId :

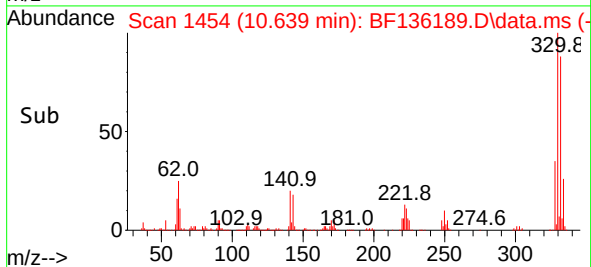
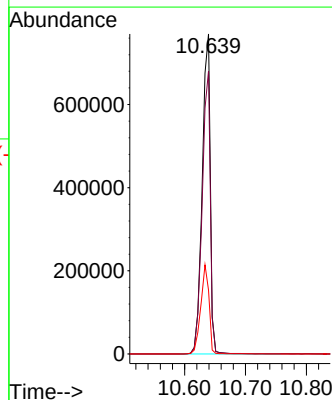
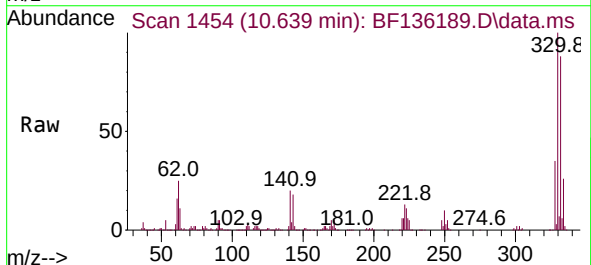


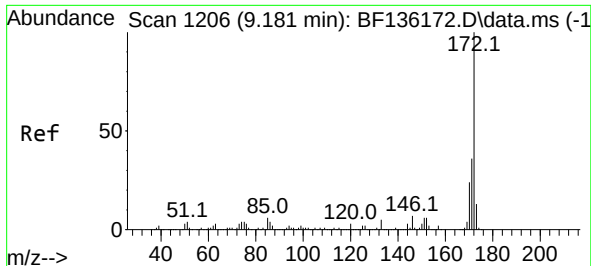
Tgt Ion:164 Resp: 293420
Ion Ratio Lower Upper
164 100
162 113.6 83.2 124.8
160 51.1 35.8 53.8



#42
2,4,6-Tribromophenol
Concen: 229.861 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

Tgt Ion:330 Resp: 706387
Ion Ratio Lower Upper
330 100
332 89.4 77.6 116.4
141 28.6 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 138.589 ng

RT: 9.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF136189.D

Acq: 24 Nov 2023 20:17

Instrument :

BNA_F

ClientSampleId :

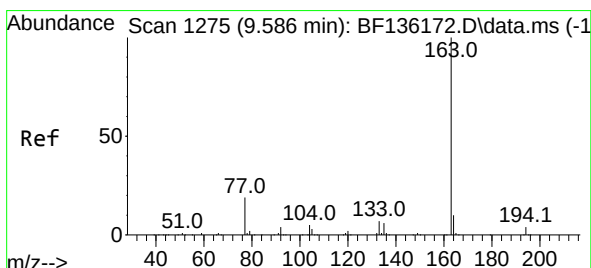
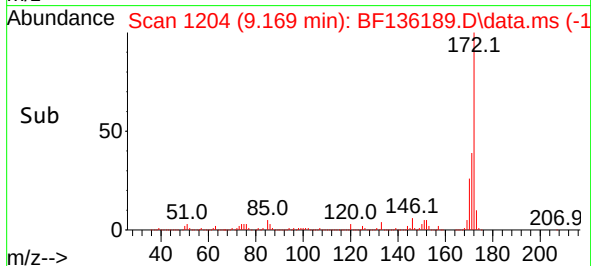
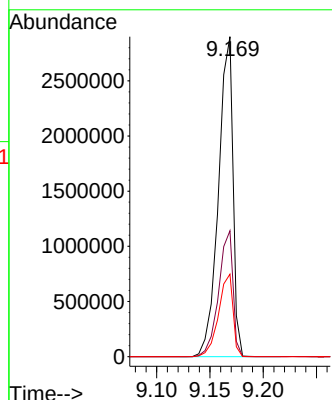
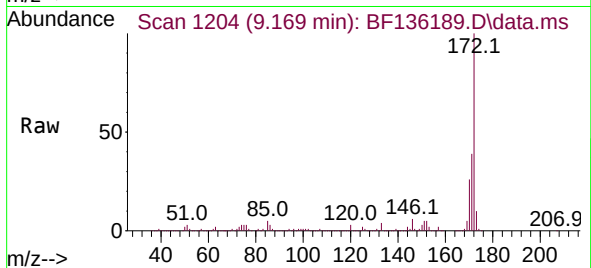
Tgt Ion:172 Resp: 2750968

Ion Ratio Lower Upper

172 100

171 39.4 28.9 43.3

170 25.8 19.1 28.7



#50

Dimethylphthalate

Concen: 3.198 ng

RT: 9.839 min Scan# 1318

Delta R.T. 0.265 min

Lab File: BF136189.D

Acq: 24 Nov 2023 20:17

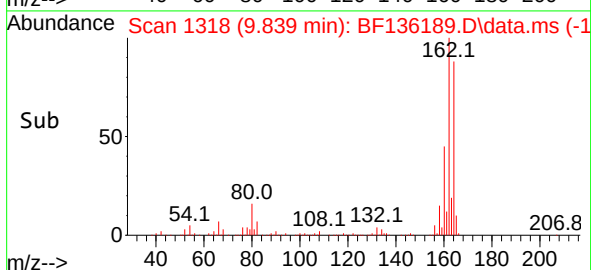
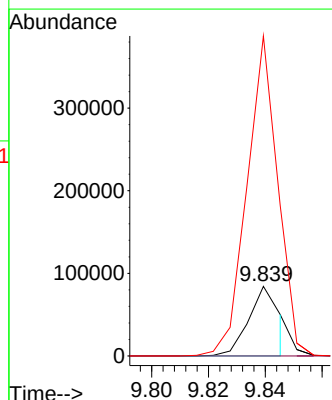
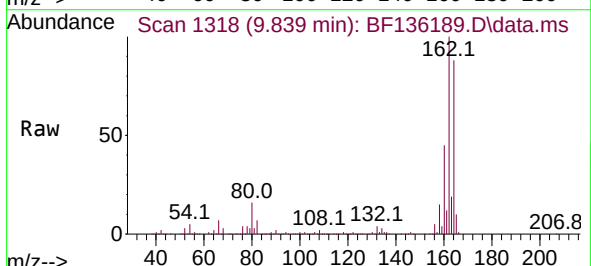
Tgt Ion:163 Resp: 63399

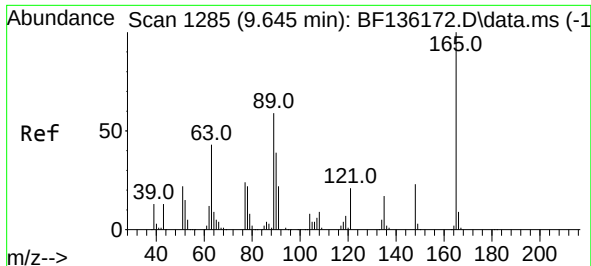
Ion Ratio Lower Upper

163 100

194 0.0 3.0 4.4#

164 459.6 7.8 11.8#

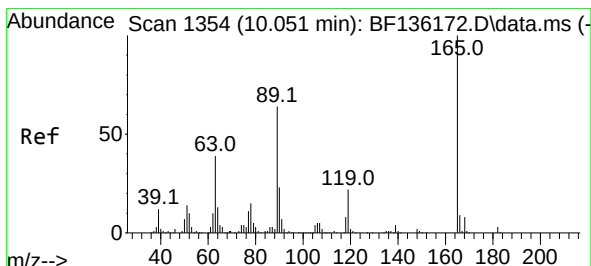
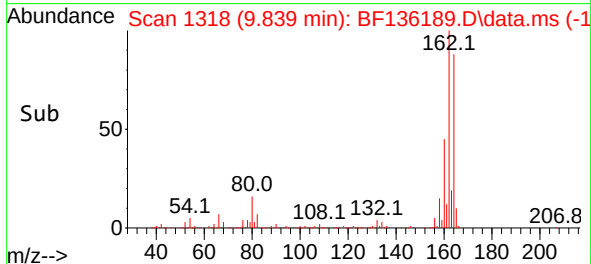
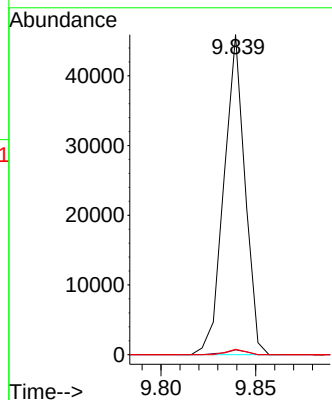
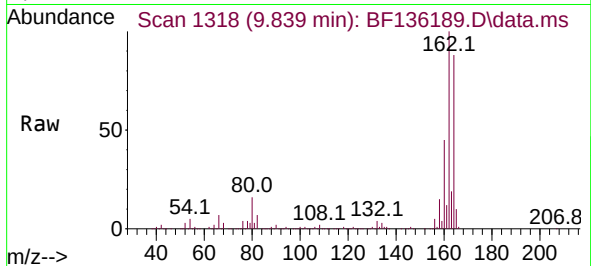




#51
2,6-Dinitrotoluene
Concen: 8.232 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

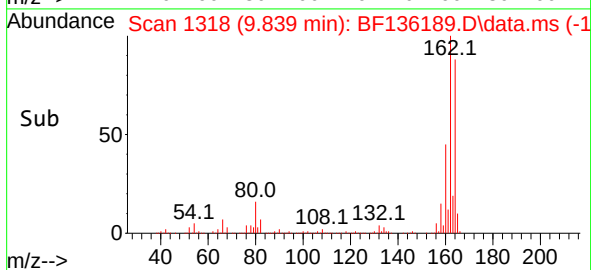
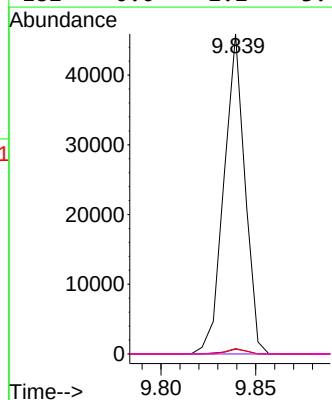
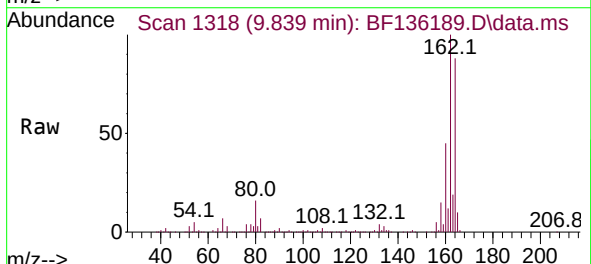
Instrument :
BNA_F
ClientSampleId :

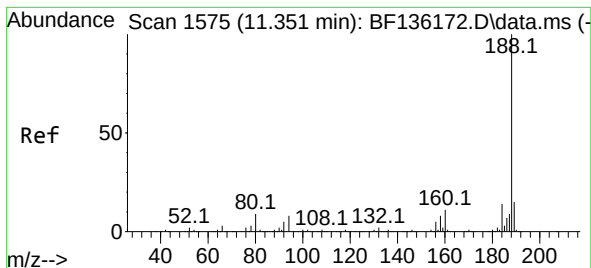
Tgt Ion:165 Resp: 35414
Ion Ratio Lower Upper
165 100
63 1.5 48.0 72.0#
89 1.7 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.482 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

Tgt Ion:165 Resp: 35414
Ion Ratio Lower Upper
165 100
63 1.5 31.4 47.0#
89 1.7 51.6 77.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136189.D

Acq: 24 Nov 2023 20:17

Instrument :

BNA_F

ClientSampleId :

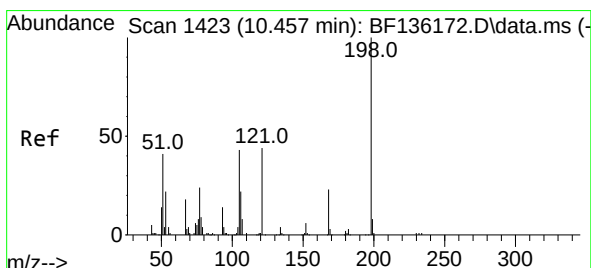
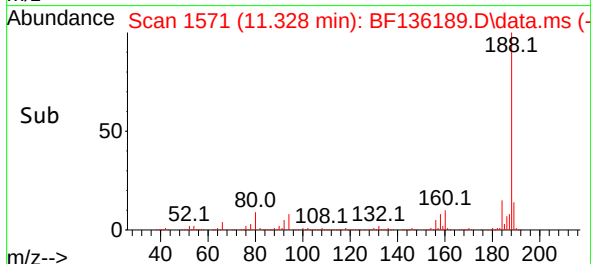
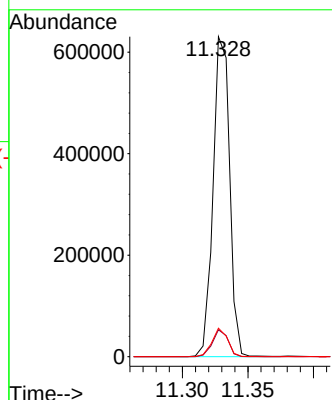
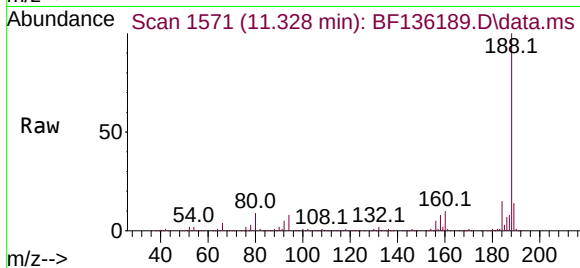
Tgt Ion:188 Resp: 553378

Ion Ratio Lower Upper

188 100

94 8.4 6.6 9.8

80 8.9 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 5.084 ng

RT: 10.633 min Scan# 1453

Delta R.T. 0.188 min

Lab File: BF136189.D

Acq: 24 Nov 2023 20:17

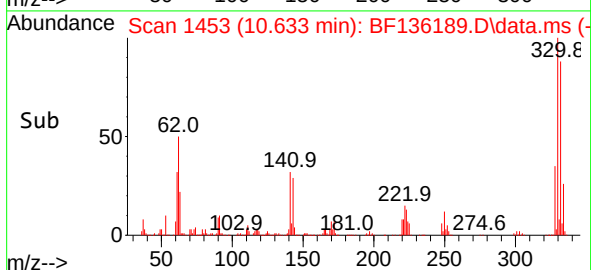
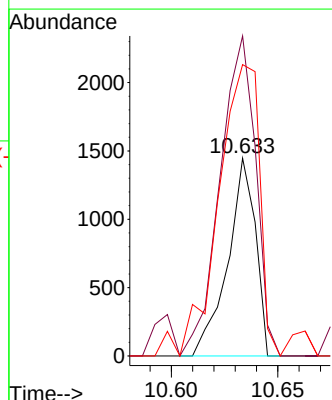
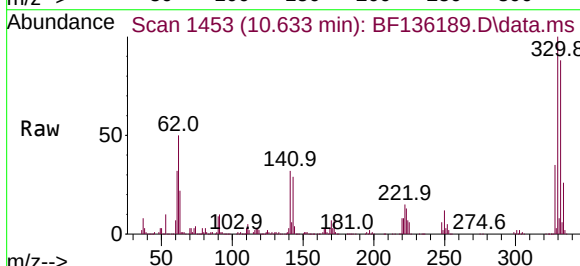
Tgt Ion:198 Resp: 1312

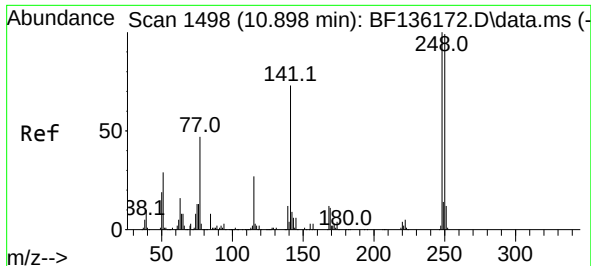
Ion Ratio Lower Upper

198 100

51 161.8 27.3 67.3#

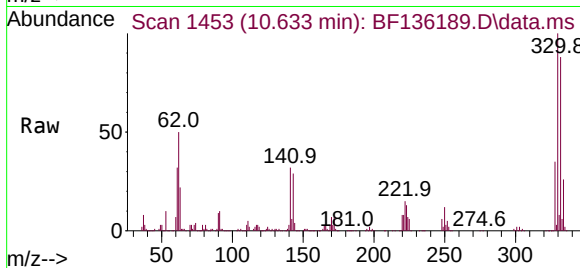
105 147.3 24.2 64.2#



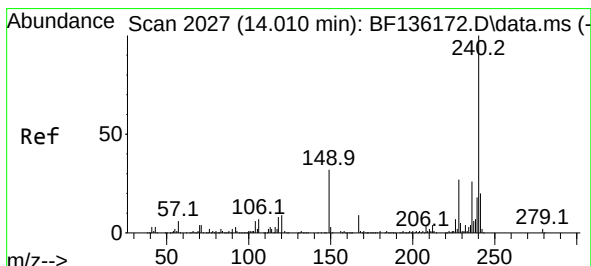
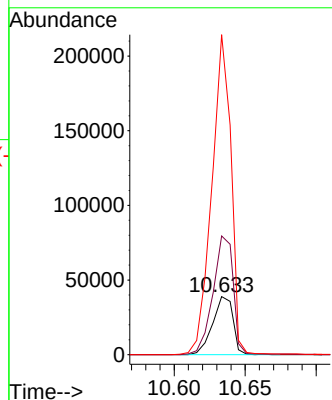
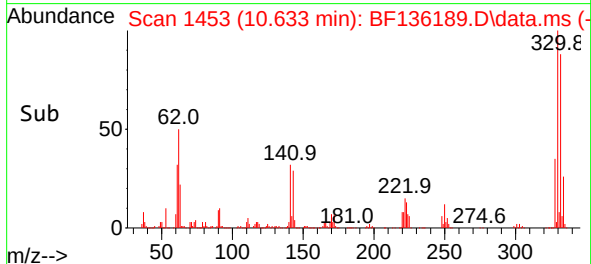


#67
4-Bromophenyl-phenylether
Concen: 6.290 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17

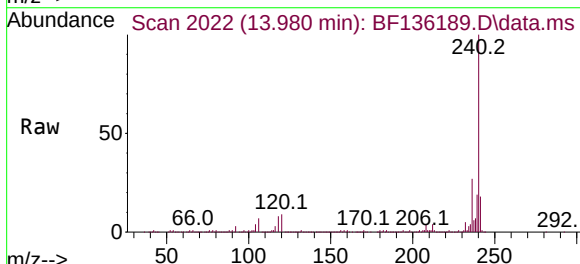
Instrument :
BNA_F
ClientSampleId :



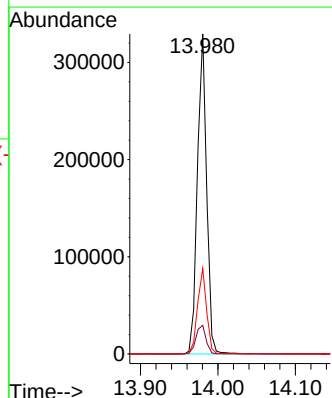
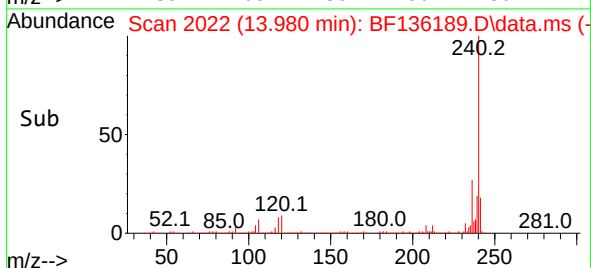
Tgt Ion:248 Resp: 38766
Ion Ratio Lower Upper
248 100
250 204.4 79.0 118.4#
141 550.6 58.8 88.2#

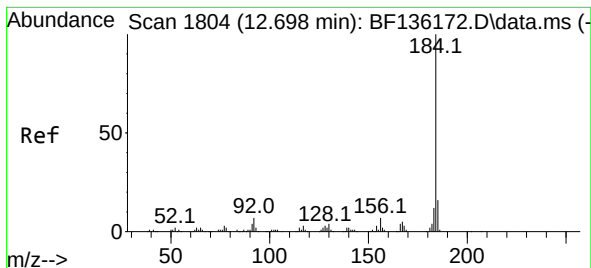


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136189.D
Acq: 24 Nov 2023 20:17



Tgt Ion:240 Resp: 272748
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 26.7 20.9 31.3





#77

Benzidine

Concen: 6.427 ng

RT: 12.933 min Scan# 1844

Delta R.T. 0.253 min

Lab File: BF136189.D

Acq: 24 Nov 2023 20:17

Instrument :

BNA_F

ClientSampleId :

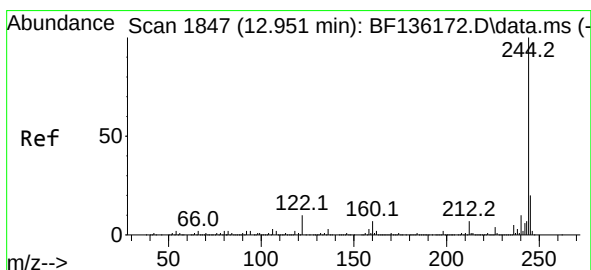
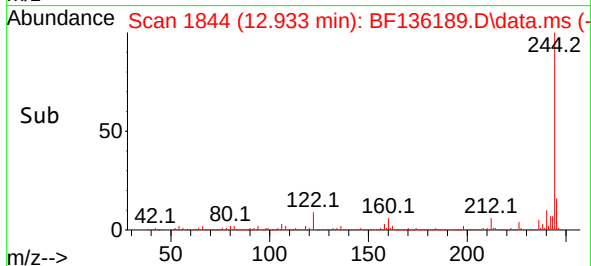
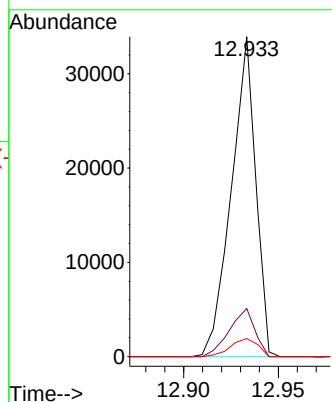
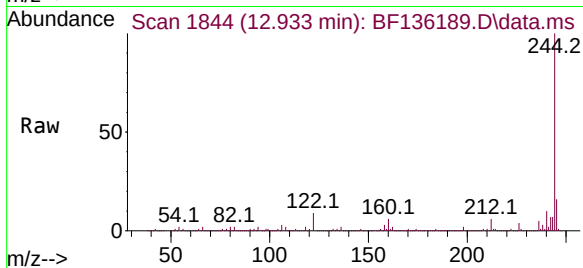
Tgt Ion:184 Resp: 30352

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 5.7 9.2 13.8#



#79

Terphenyl-d14

Concen: 144.990 ng

RT: 12.933 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF136189.D

Acq: 24 Nov 2023 20:17

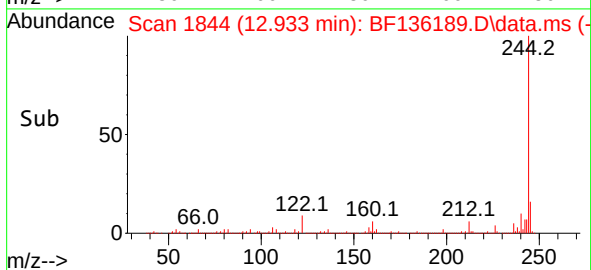
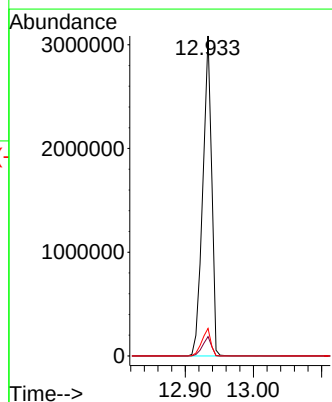
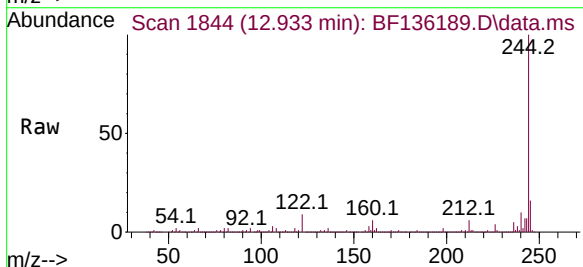
Tgt Ion:244 Resp: 2785945

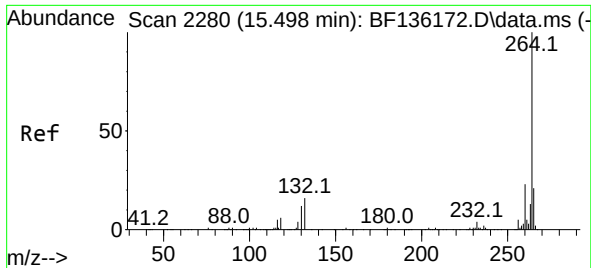
Ion Ratio Lower Upper

244 100

212 6.0 5.4 8.0

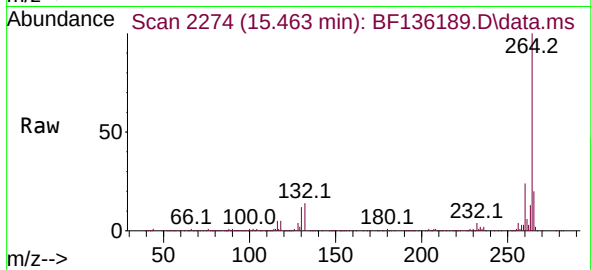
122 8.6 8.1 12.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136189.D
 Acq: 24 Nov 2023 20:17

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 280996
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.5 27.7
 265 20.1 16.9 25.3

