

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136201.D
 Acq On : 25 Nov 2023 03:24
 Operator : CG\JU
 Sample : PB157233BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 25 04:01:22 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 23:44:28 2023
 Response via : Initial Calibration

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

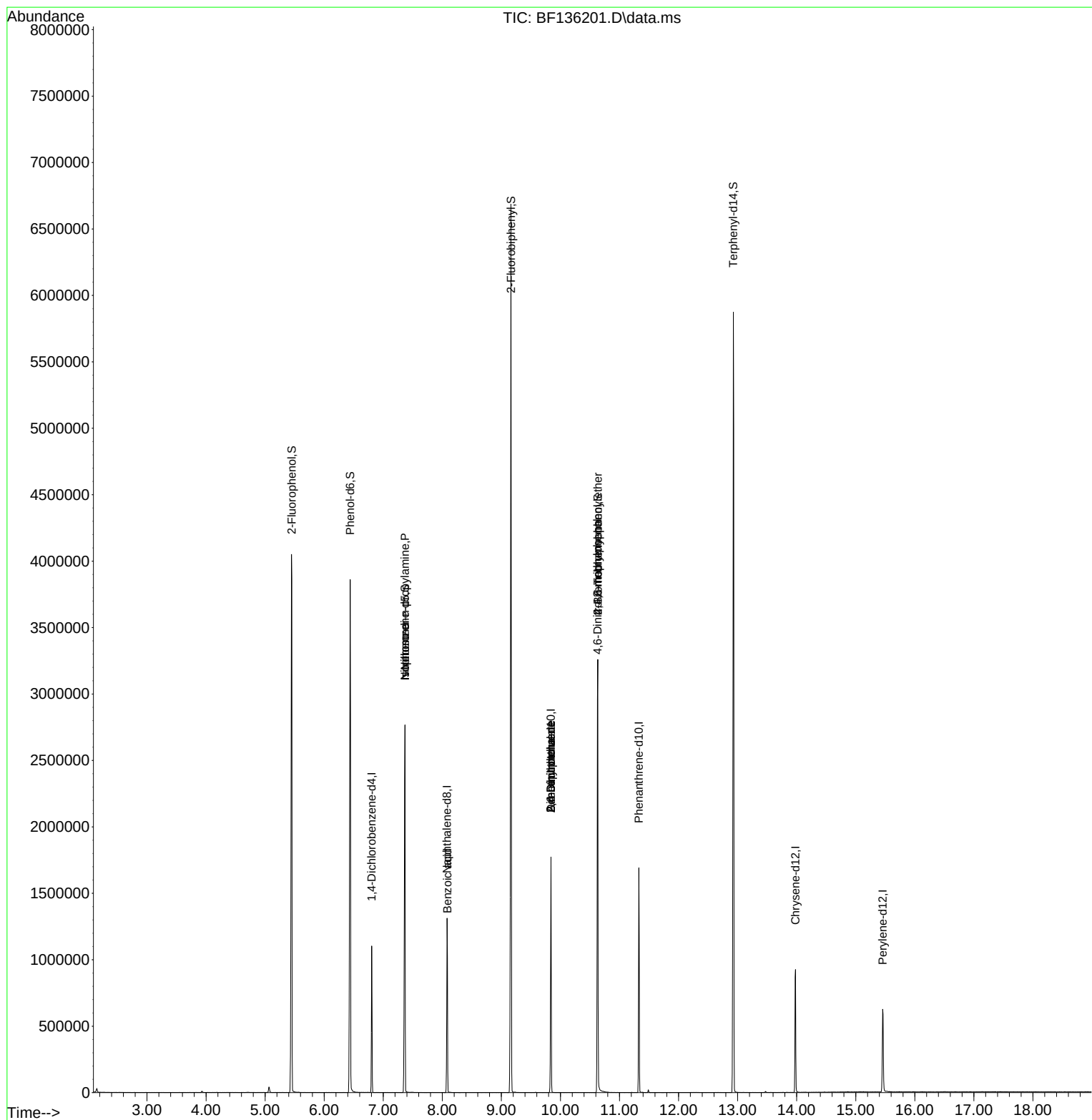
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	136434	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	599158	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	304004	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	589259	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	317564	20.000	ng	0.00
86) Perylene-d12	15.457	264	295137	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1219102	142.274	ng	0.02
7) Phenol-d6	6.439	99	1497226	141.998	ng	0.00
23) Nitrobenzene-d5	7.369	82	943049	87.832	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	445723	139.990	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1985511	96.544	ng	0.00
79) Terphenyl-d14	12.927	244	2305516	103.054	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	123925	20.361	ng	# 78
25) Isophorone	7.369	82	943034	50.894	ng	# 64
32) Benzoic acid	8.086	122	143	5.025	ng	# 1
50) Dimethylphthalate	9.839	163	64288	3.130	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	35489	7.962	ng	# 23
57) 2,4-Dinitrotoluene	9.839	165	35489	6.269	ng	# 28
65) 4,6-Dinitro-2-methylph...	10.627	198	983	4.974	ng	# 1
67) 4-Bromophenyl-phenylether	10.633	248	25010	3.811	ng	# 1

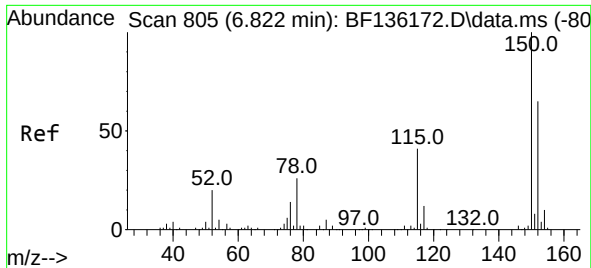
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
Data File : BF136201.D
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BNA_F
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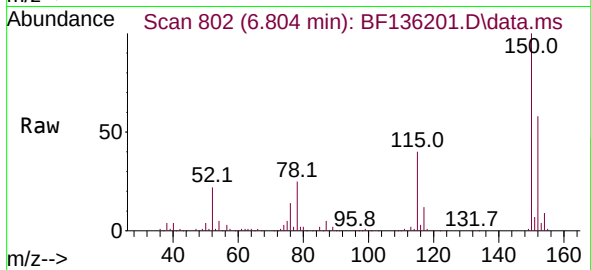
Quant Time: Nov 25 04:01:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 23:44:28 2023
Response via : Initial Calibration



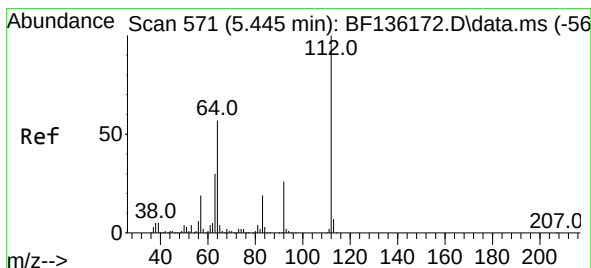
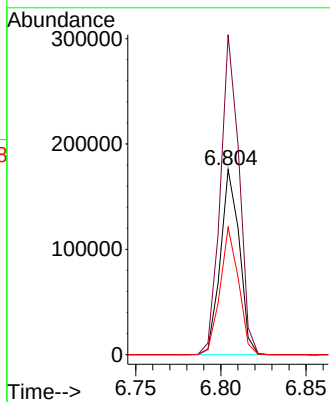
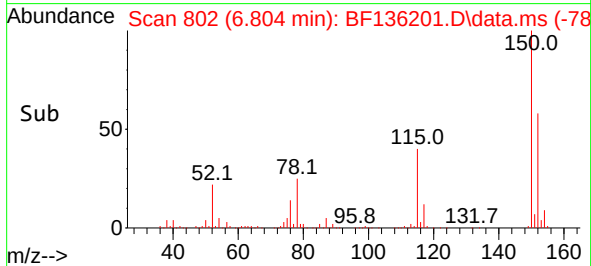


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

Instrument :
BNA_F
ClientSampleId :

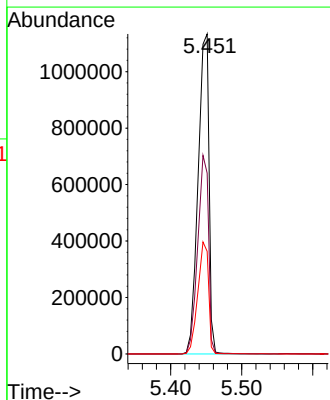
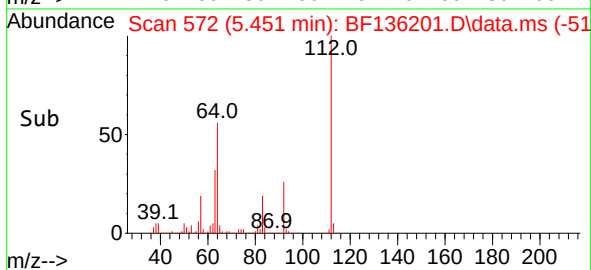
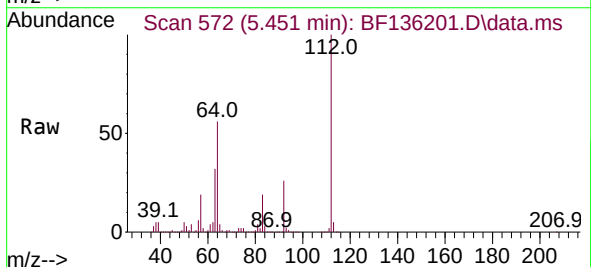


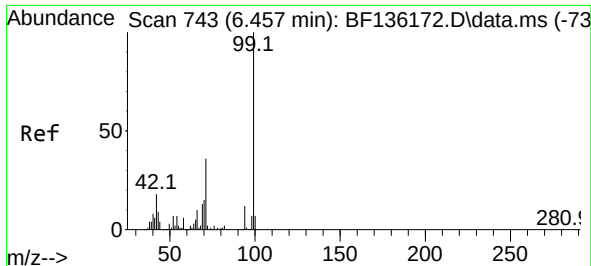
Tgt Ion:152 Resp: 136434
Ion Ratio Lower Upper
152 100
150 172.8 123.1 184.7
115 68.8 50.5 75.7



#5
2-Fluorophenol
Concen: 142.274 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

Tgt Ion:112 Resp: 1219102
Ion Ratio Lower Upper
112 100
64 56.5 45.4 68.0
63 32.0 24.4 36.6

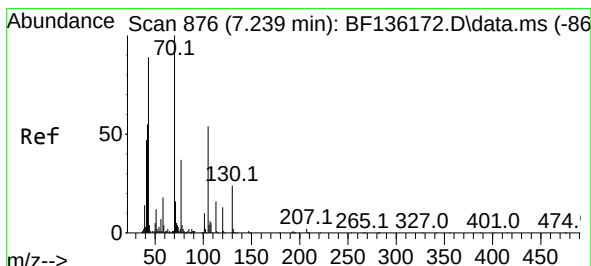
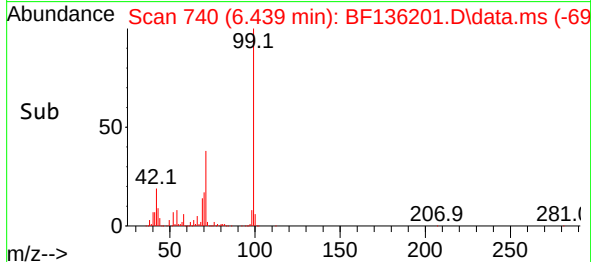
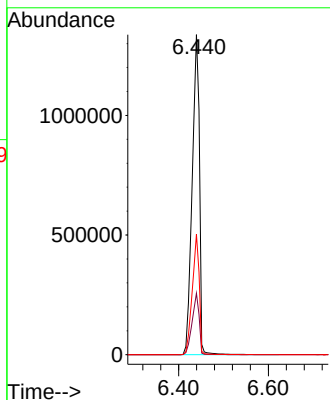
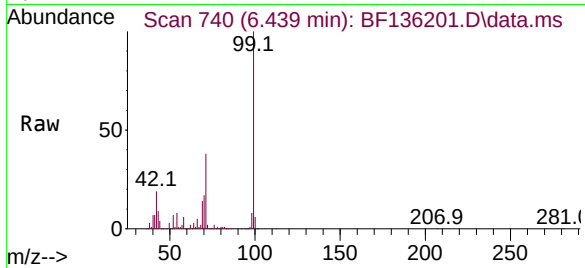




#7
Phenol-d6
Concen: 141.998 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

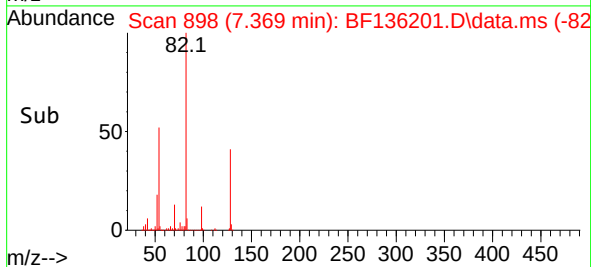
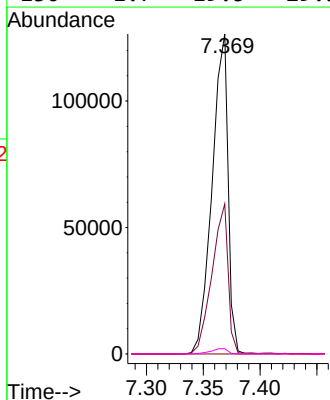
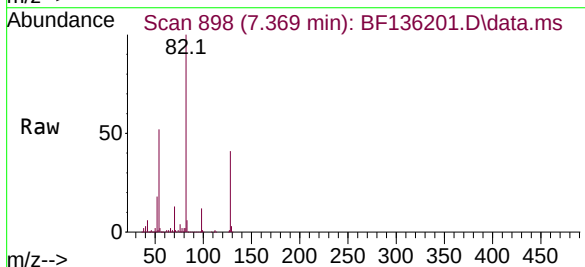
Instrument :
BNA_F
ClientSampleId :

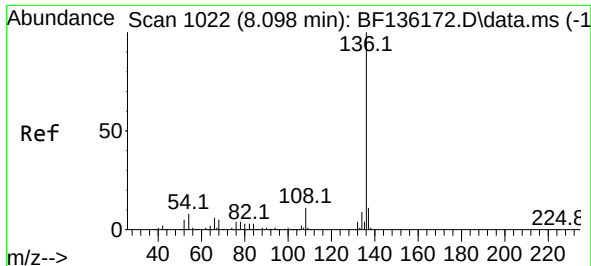
Tgt Ion: 99 Resp: 1497226
Ion Ratio Lower Upper
99 100
42 19.2 14.1 21.1
71 37.7 29.0 43.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.361 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.147 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

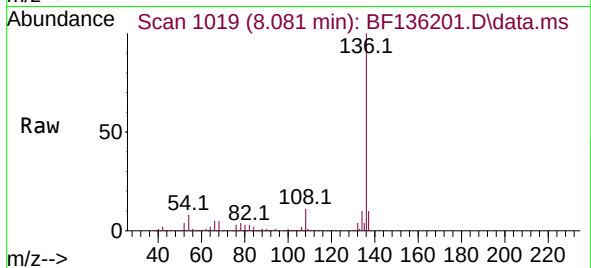
Tgt Ion: 70 Resp: 123925
Ion Ratio Lower Upper
70 100
42 46.9 43.9 65.9
101 0.0 8.1 12.1#
130 1.7 19.5 29.3#



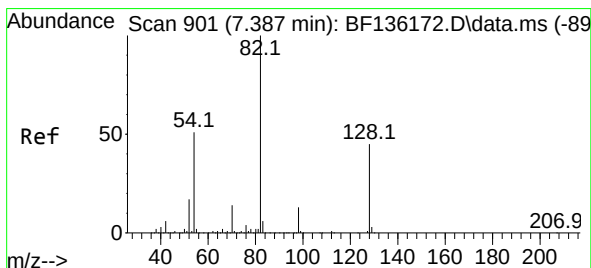
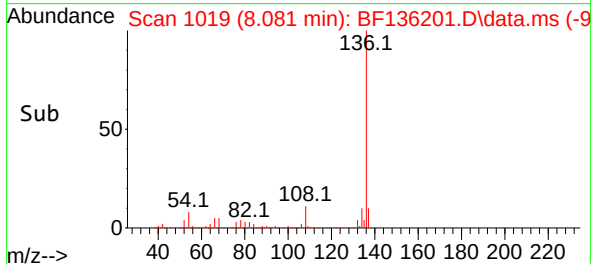
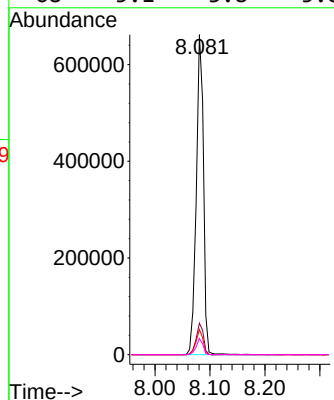


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

Instrument :
BNA_F
ClientSampleId :

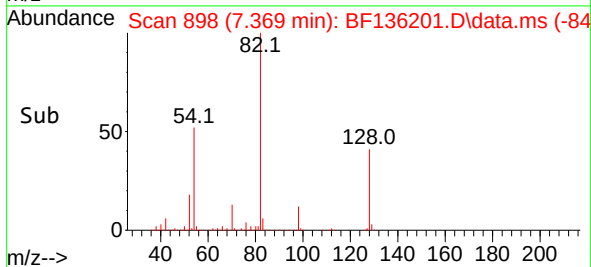
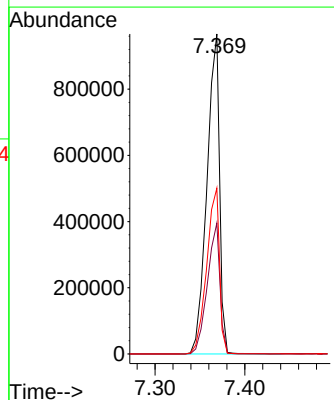
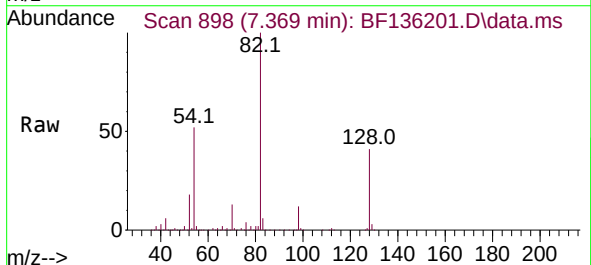


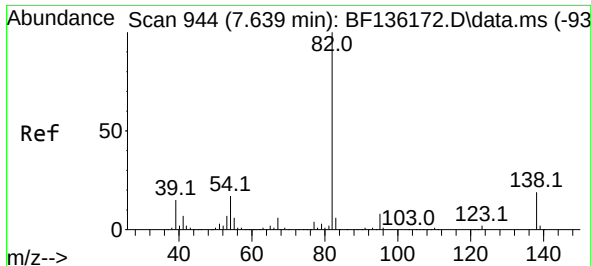
Tgt Ion:136 Resp: 599158
Ion Ratio Lower Upper
136 100
137 9.9 8.6 13.0
54 7.8 6.3 9.5
68 5.1 3.8 5.8



#23
Nitrobenzene-d5
Concen: 87.832 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

Tgt Ion: 82 Resp: 943049
Ion Ratio Lower Upper
82 100
128 40.9 35.8 53.6
54 51.8 40.6 60.8

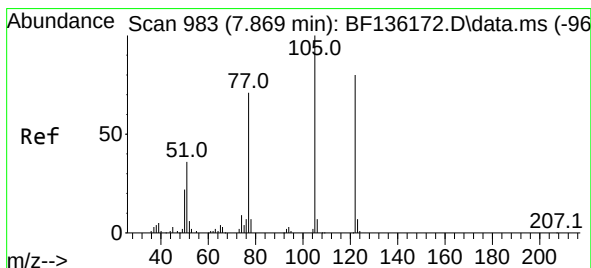
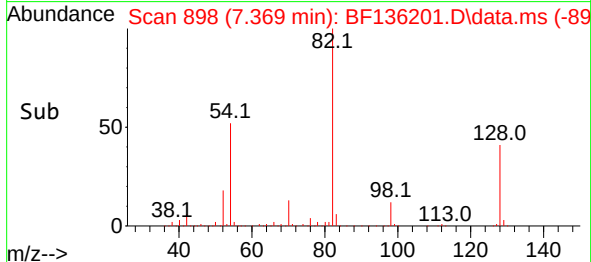
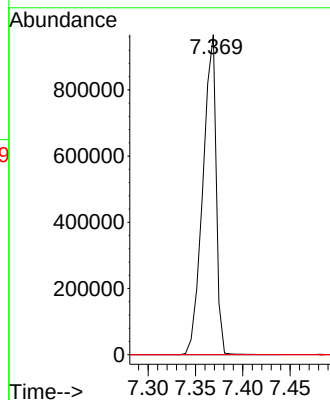
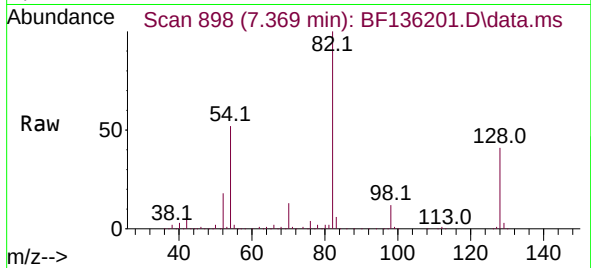




#25
Isophorone
Concen: 50.894 ng
RT: 7.369 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

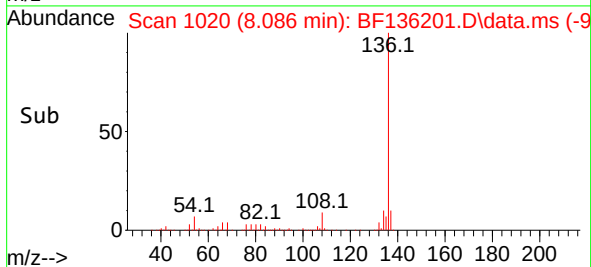
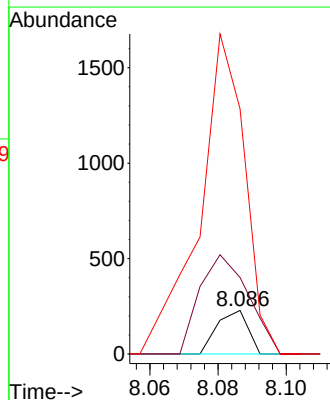
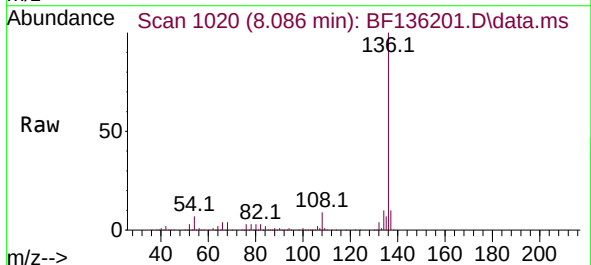
Instrument :
BNA_F
ClientSampleId :

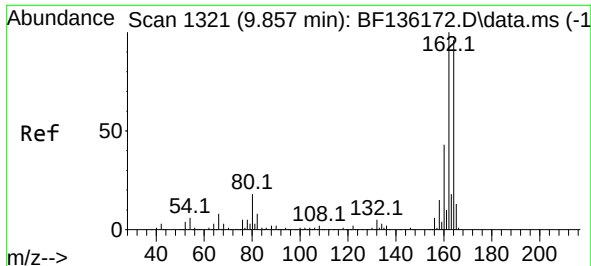
Tgt Ion: 82 Resp: 943034
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 14.8 22.2#



#32
Benzoic acid
Concen: 5.025 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.229 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

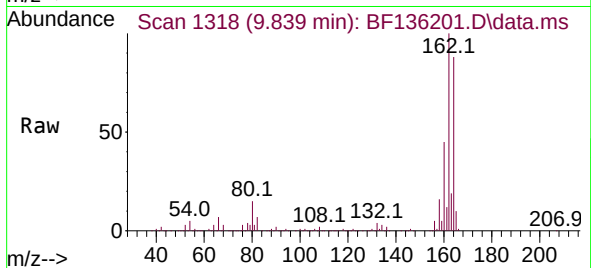
Tgt Ion:122 Resp: 143
Ion Ratio Lower Upper
122 100
105 175.9 102.5 142.5#
77 563.6 68.1 108.1#



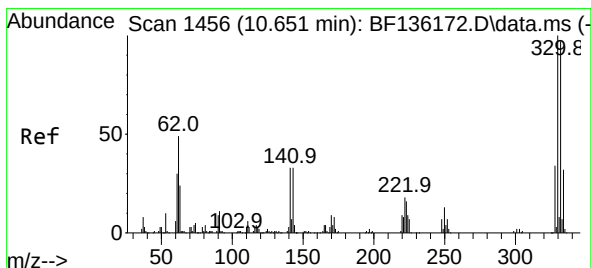
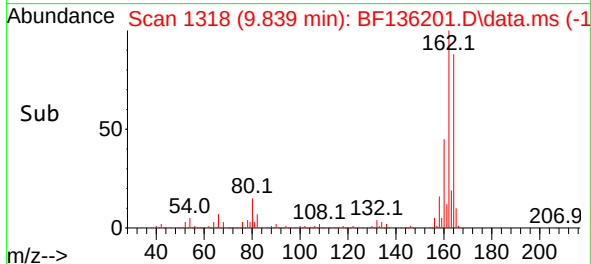
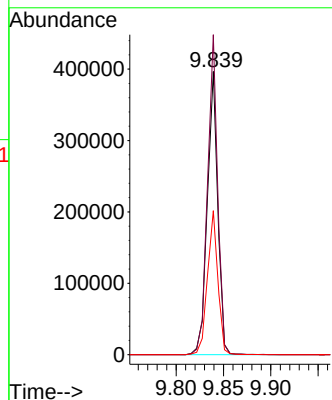


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

Instrument :
BNA_F
ClientSampleId :

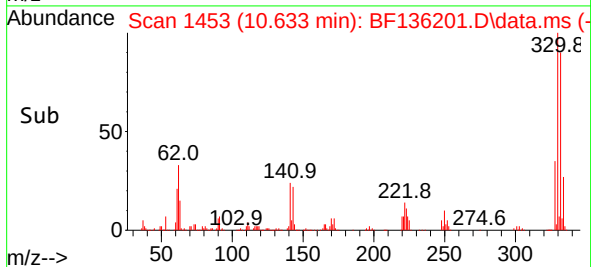
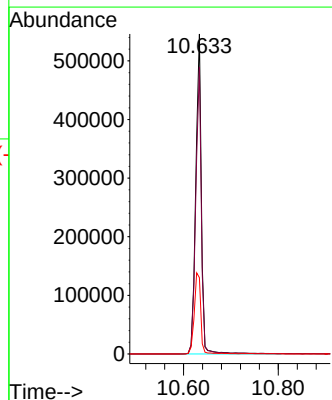
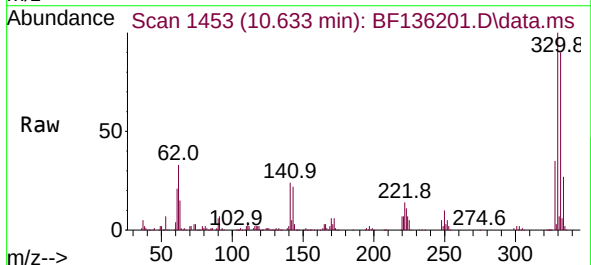


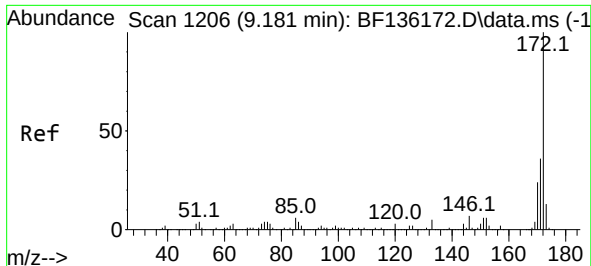
Tgt Ion:164 Resp: 304004
Ion Ratio Lower Upper
164 100
162 113.0 83.2 124.8
160 50.9 35.8 53.8



#42
2,4,6-Tribromophenol
Concen: 139.990 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

Tgt Ion:330 Resp: 445723
Ion Ratio Lower Upper
330 100
332 89.7 77.6 116.4
141 29.3 25.8 38.6

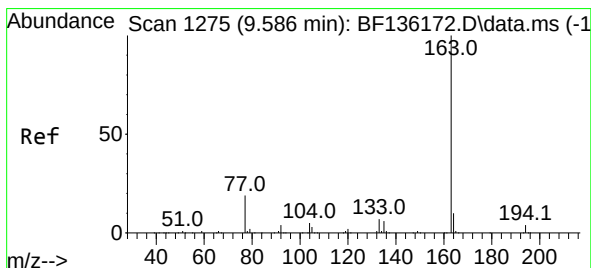
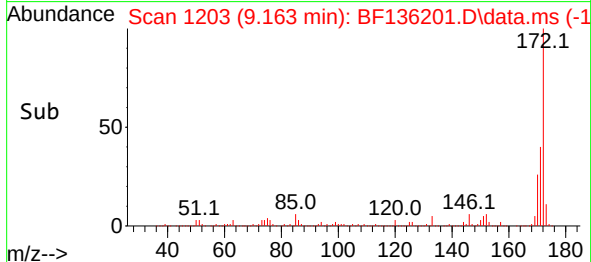
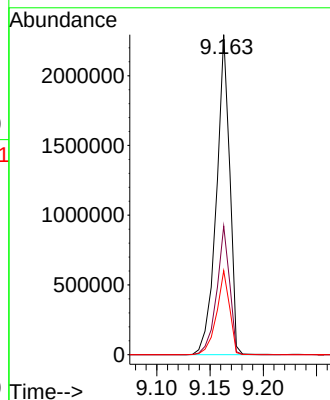
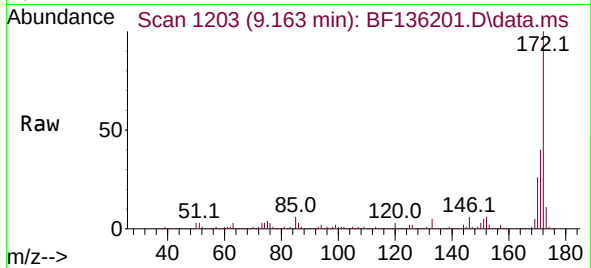




#45
2-Fluorobiphenyl
Concen: 96.544 ng
RT: 9.163 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

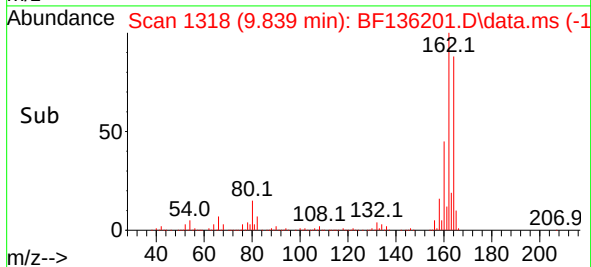
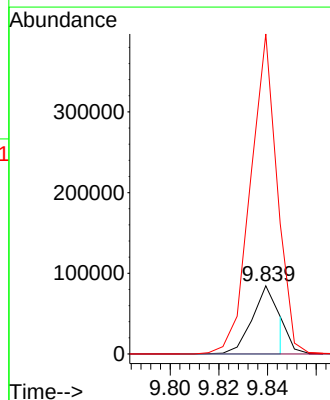
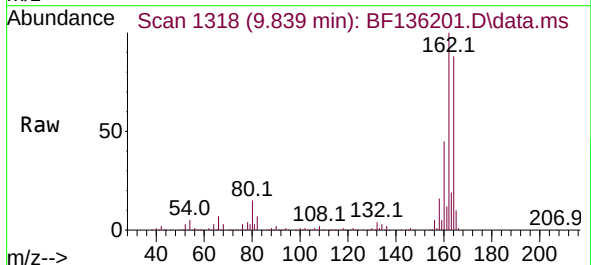
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BNA_F
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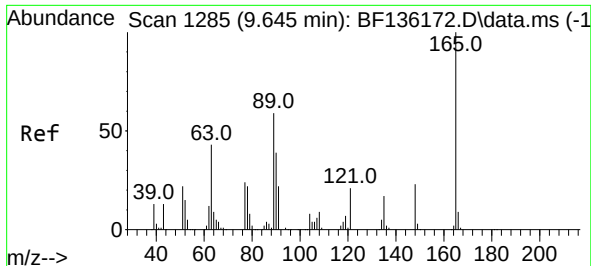
Tgt Ion:172 Resp: 1985511
Ion Ratio Lower Upper
172 100
171 40.2 28.9 43.3
170 26.3 19.1 28.7



#50
Dimethylphthalate
Concen: 3.130 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.264 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

Tgt Ion:163 Resp: 64288
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 469.9 7.8 11.8#

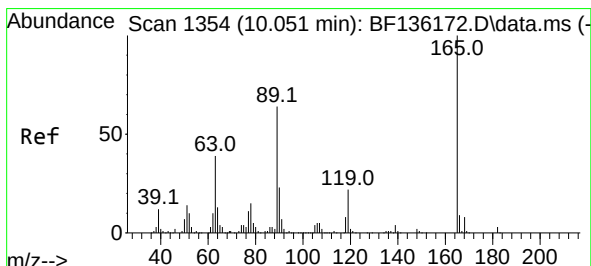
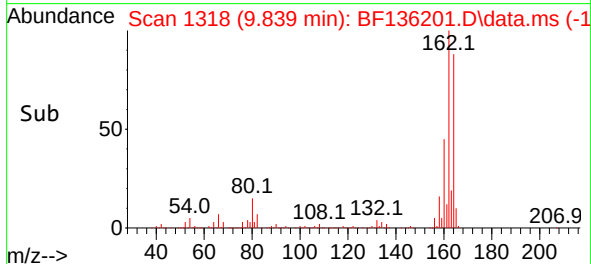
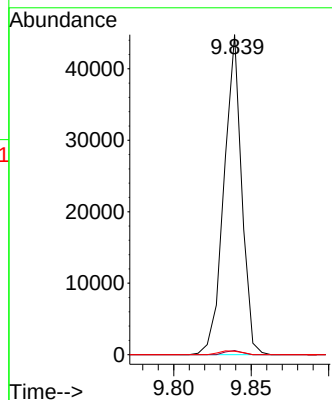
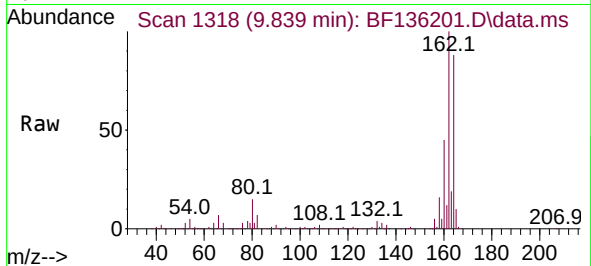




#51
2,6-Dinitrotoluene
Concen: 7.962 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

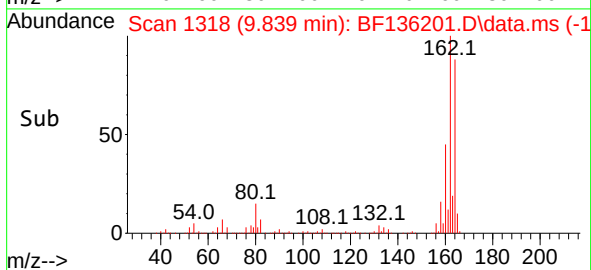
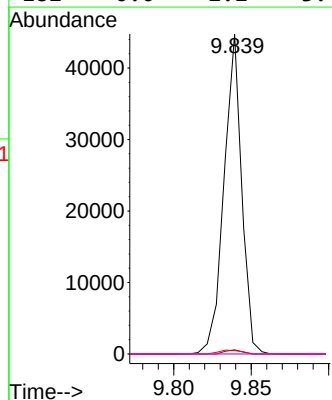
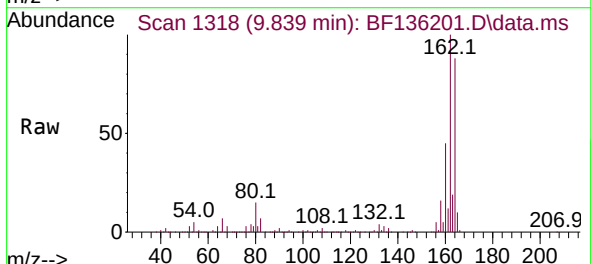
Instrument :
BNA_F
ClientSampleId :

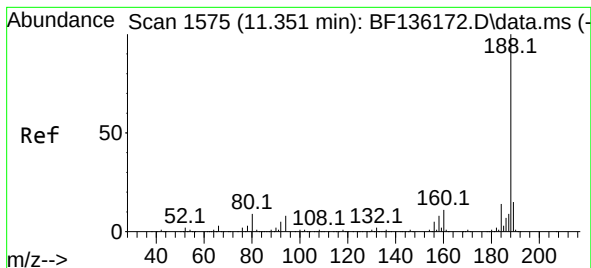
Tgt Ion:165 Resp: 35489
Ion Ratio Lower Upper
165 100
63 1.3 48.0 72.0#
89 1.1 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 6.269 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.200 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

Tgt Ion:165 Resp: 35489
Ion Ratio Lower Upper
165 100
63 1.3 31.4 47.0#
89 1.1 51.6 77.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136201.D

Acq: 25 Nov 2023 03:24

Instrument :

BNA_F

ClientSampleId :

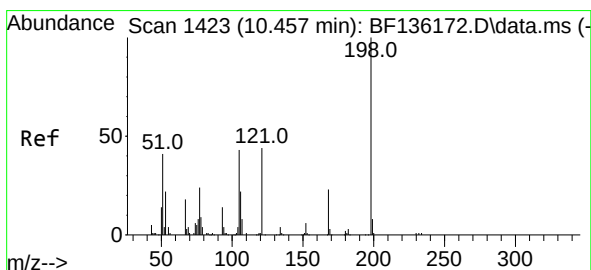
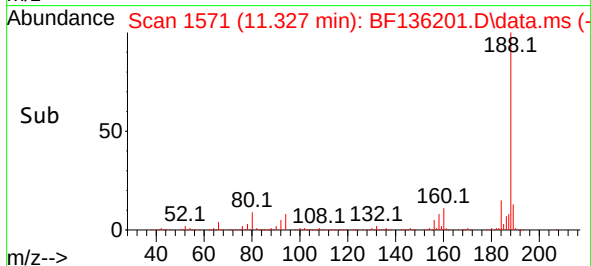
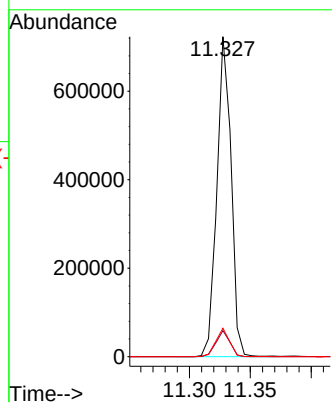
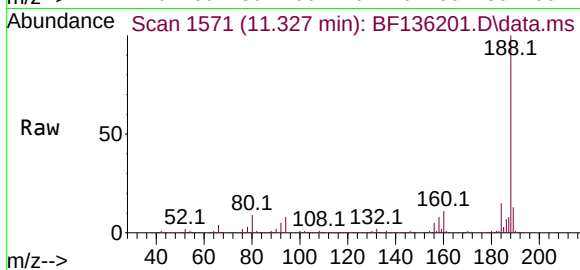
Tgt Ion:188 Resp: 589259

Ion Ratio Lower Upper

188 100

94 8.1 6.6 9.8

80 8.9 7.3 10.9



#65

4,6-Dinitro-2-methylphenol

Concen: 4.974 ng

RT: 10.627 min Scan# 1452

Delta R.T. 0.182 min

Lab File: BF136201.D

Acq: 25 Nov 2023 03:24

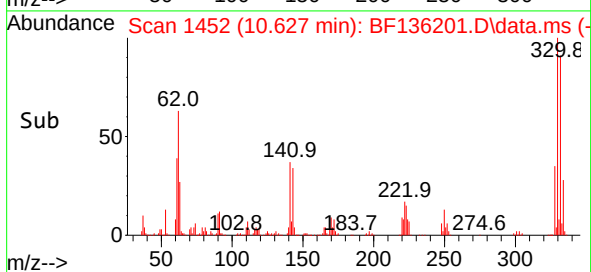
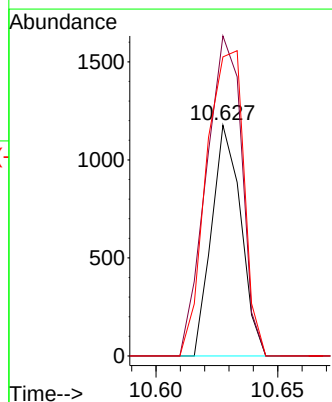
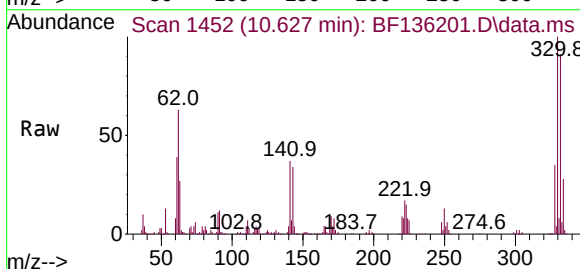
Tgt Ion:198 Resp: 983

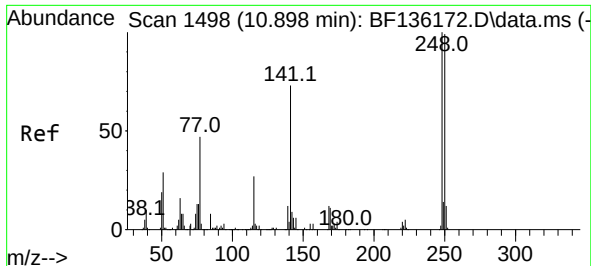
Ion Ratio Lower Upper

198 100

51 138.7 27.3 67.3#

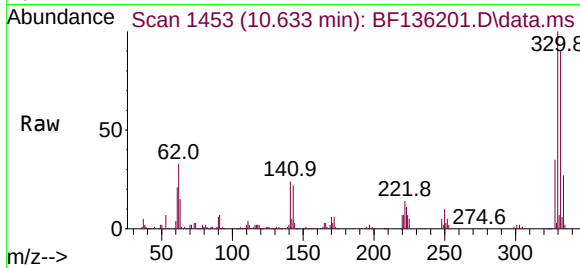
105 129.6 24.2 64.2#



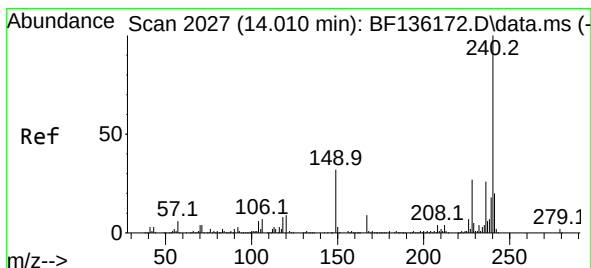
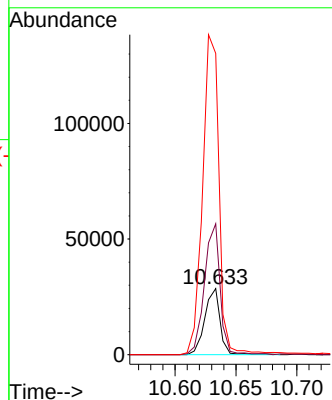
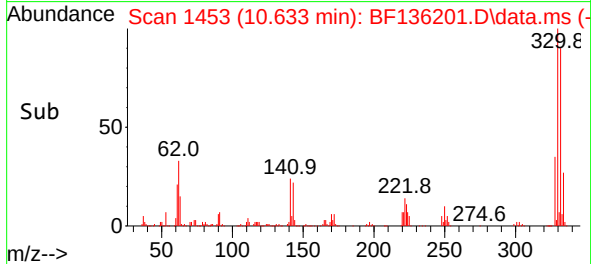


#67
4-Bromophenyl-phenylether
Concen: 3.811 ng
RT: 10.633 min Scan# 1498
Delta R.T. -0.253 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24

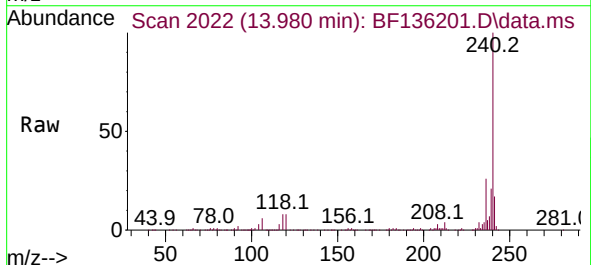
Instrument :
BNA_F
ClientSampleId :



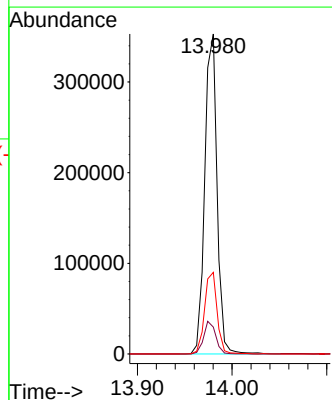
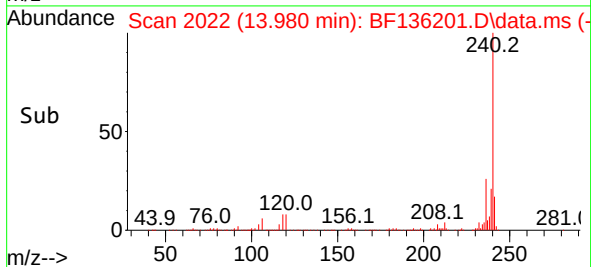
Tgt Ion:248 Resp: 25010
Ion Ratio Lower Upper
248 100
250 198.1 79.0 118.4#
141 456.1 58.8 88.2#

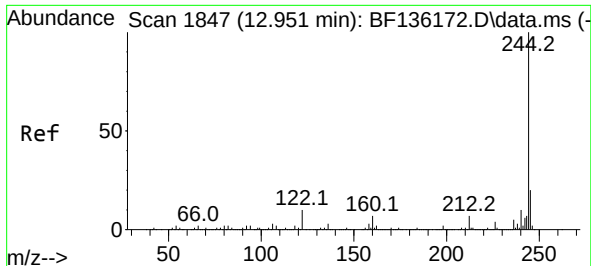


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136201.D
Acq: 25 Nov 2023 03:24



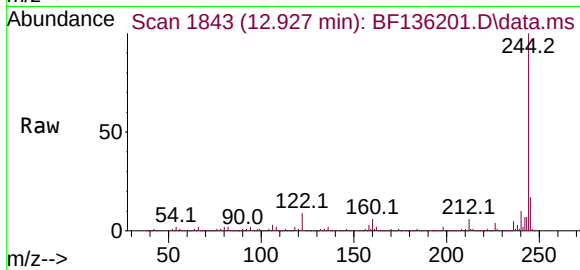
Tgt Ion:240 Resp: 317564
Ion Ratio Lower Upper
240 100
120 8.4 7.1 10.7
236 25.5 20.9 31.3





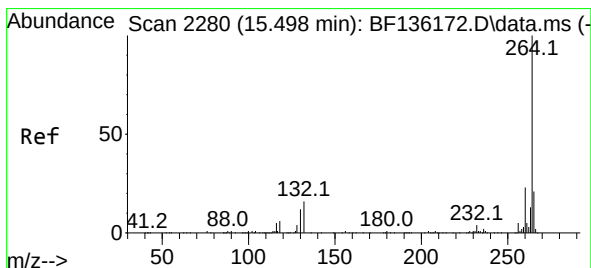
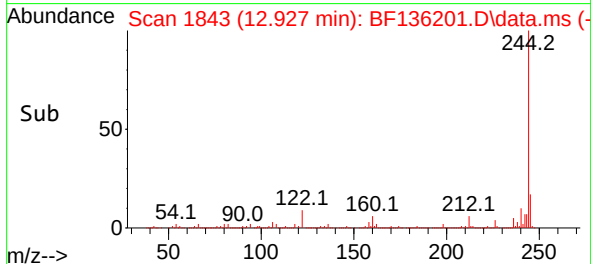
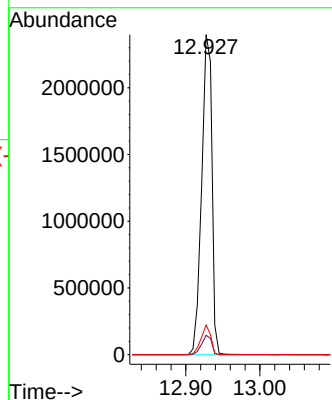
#79
 Terphenyl-d14
 Concen: 103.054 ng
 RT: 12.927 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136201.D
 Acq: 25 Nov 2023 03:24

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 2305516

Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.4	8.0
122	9.3	8.1	12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.012 min
 Lab File: BF136201.D
 Acq: 25 Nov 2023 03:24

Tgt Ion:264 Resp: 295137

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	20.2	16.9	25.3

