

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120123\
 Data File : BF136363.D
 Acq On : 02 Dec 2023 06:15
 Operator : CG\JU
 Sample : 05521-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 03 07:22:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

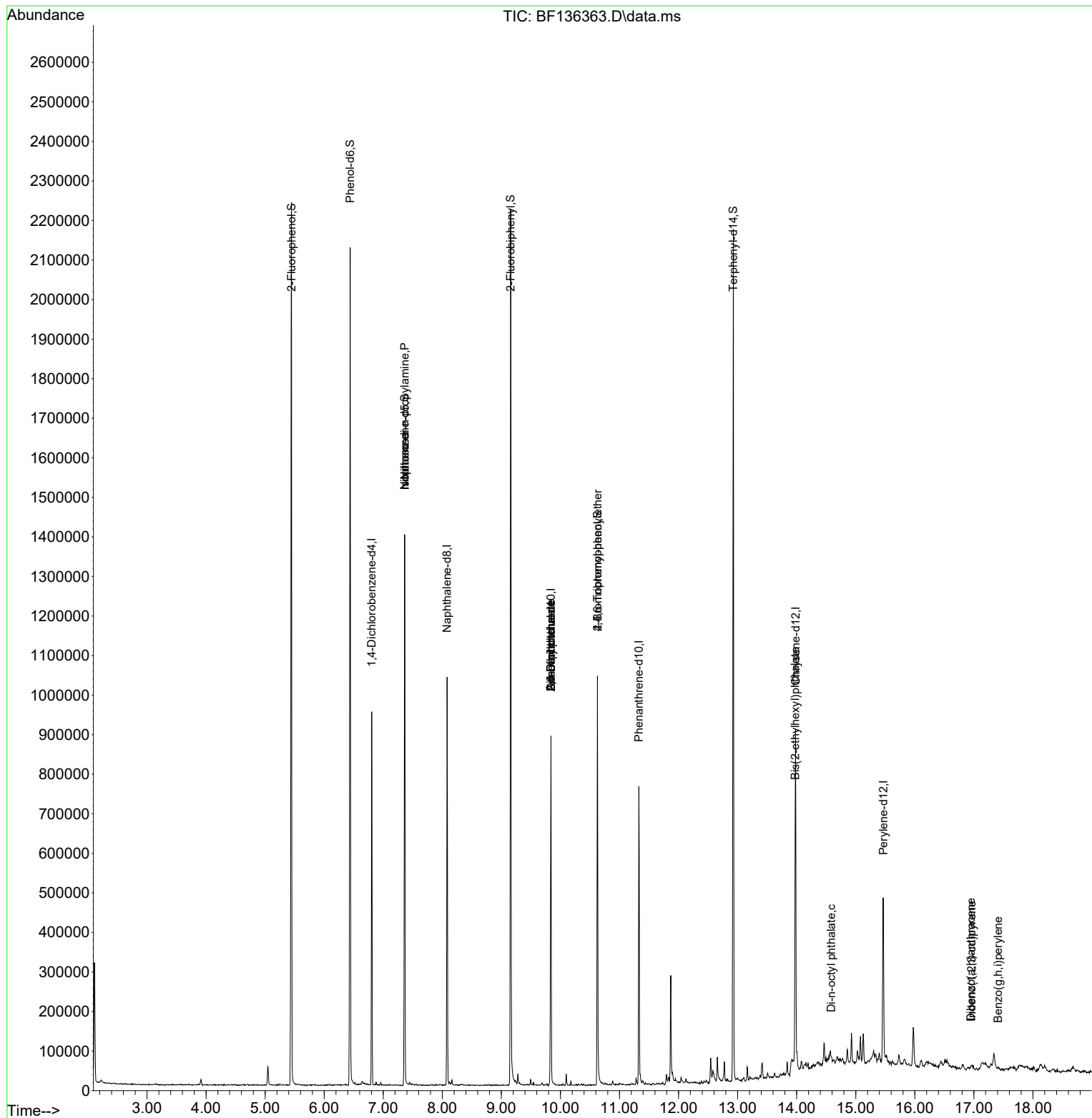
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	124767	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	441982	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	162582	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	270180	20.000	ng	0.00
76) Chrysene-d12	13.980	240	258625	20.000	ng	#-0.01
86) Perylene-d12	15.468	264	214506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	619290	69.085	ng	0.00
7) Phenol-d6	6.439	99	725350	64.715	ng	0.00
23) Nitrobenzene-d5	7.363	82	429923	51.401	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	123541	62.153	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	727076	57.122	ng	-0.01
79) Terphenyl-d14	12.927	244	729928	32.555	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.363	70	56517	8.431	ng	# 74
25) Isophorone	7.363	82	429918	28.506	ng	# 68
50) Dimethylphthalate	9.839	163	32891	2.677	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	20282	8.079	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	20282	6.048	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	7519	2.385	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.974	149	61600	5.823	ng	# 95
85) Di-n-octyl phthalate	14.586	149	902	5.209	ng	# 56
87) Indeno(1,2,3-cd)pyrene	16.962	276	9866	3.260	ng	# 92
91) Dibenzo(a,h)anthracene	16.950	278	4788	3.064	ng	# 92
92) Benzo(g,h,i)perylene	17.409	276	7731	2.476	ng	# 94

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

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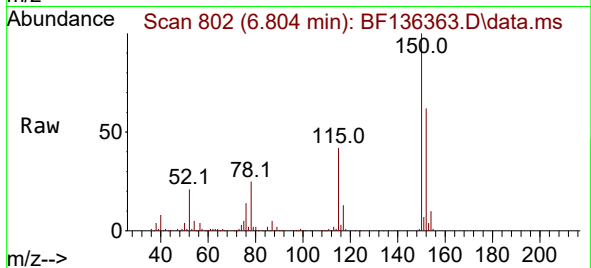
Quant Time: Dec 03 07:22:24 2023
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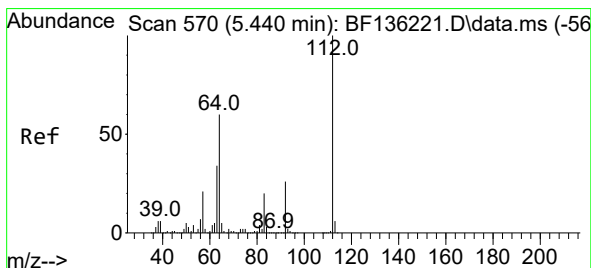
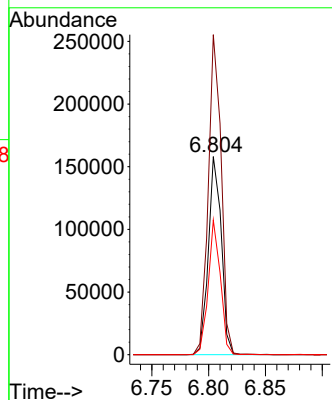
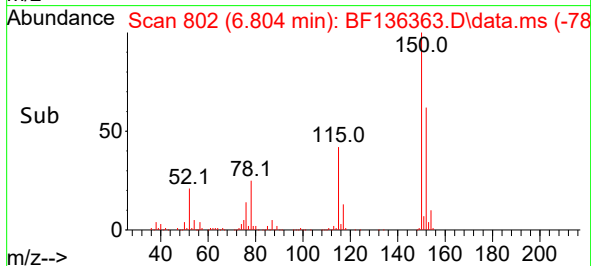


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

Instrument :
BNA_F
ClientSampleId :

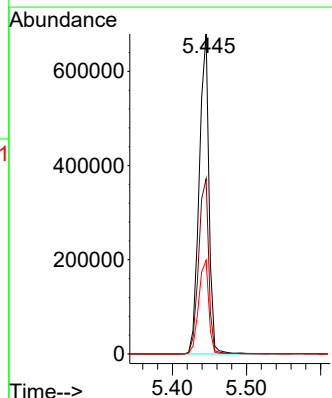
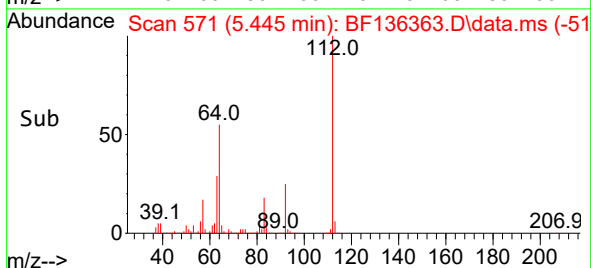
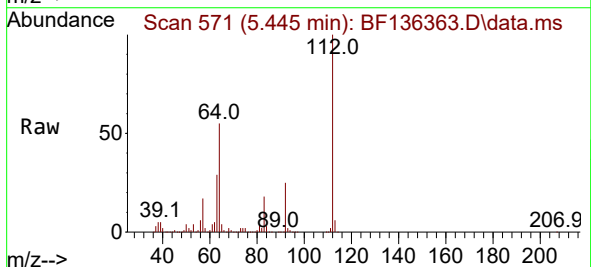


Tgt Ion:152 Resp: 124767
Ion Ratio Lower Upper
152 100
150 161.6 137.8 206.8
115 68.0 52.7 79.1



#5
2-Fluorophenol
Concen: 69.085 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

Tgt Ion:112 Resp: 619290
Ion Ratio Lower Upper
112 100
64 54.8 48.2 72.4
63 29.3 27.0 40.6

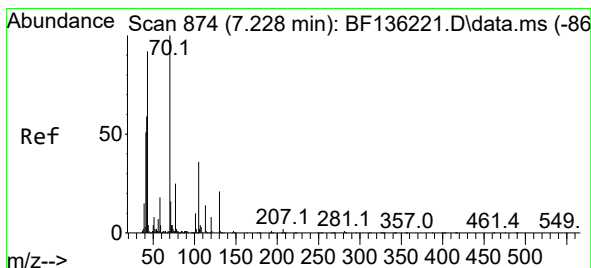
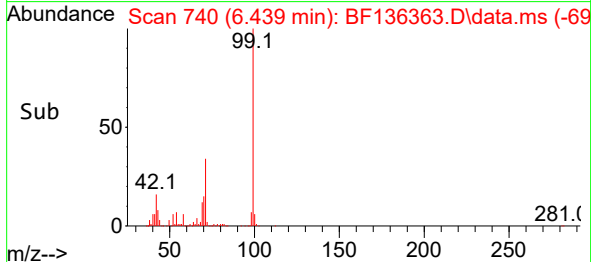
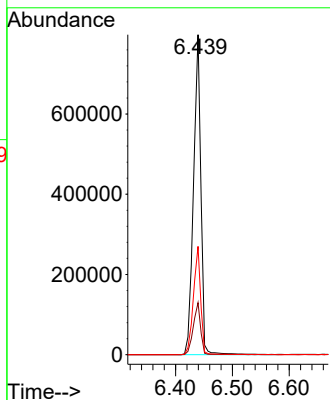
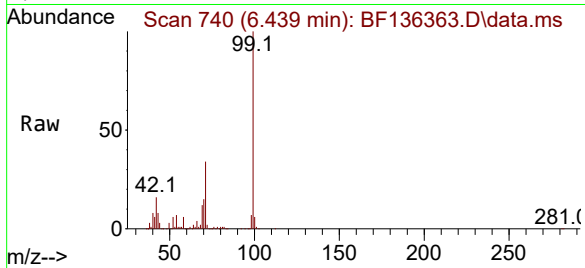




#7
Phenol-d6
Concen: 64.715 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

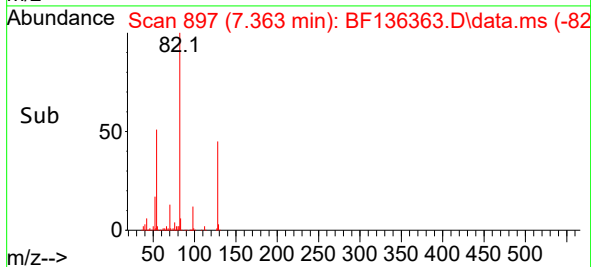
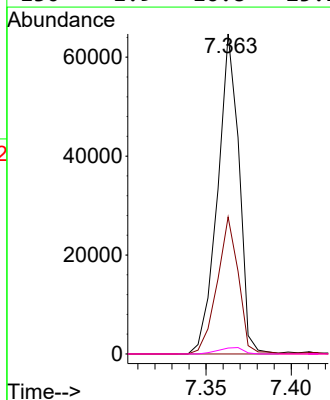
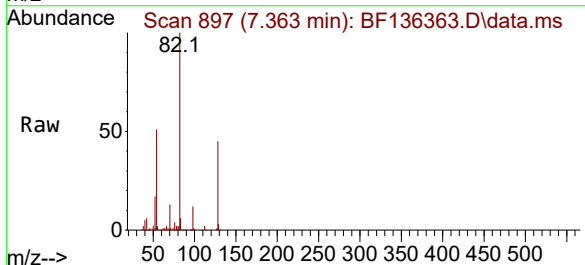
Instrument :
BNA_F
ClientSampleId :

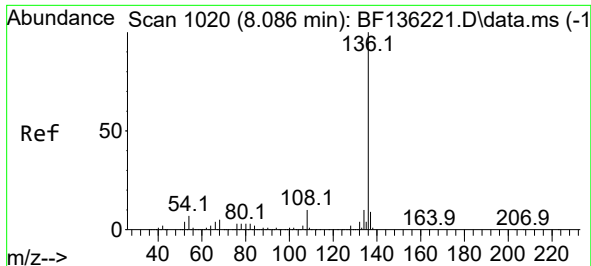
Tgt Ion: 99 Resp: 725350
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.6
71 33.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.431 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

Tgt Ion: 70 Resp: 56517
Ion Ratio Lower Upper
70 100
42 42.8 47.0 70.4#
101 0.0 7.8 11.8#
130 1.9 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.080 min Scan# 1019

Delta R.T. -0.006 min

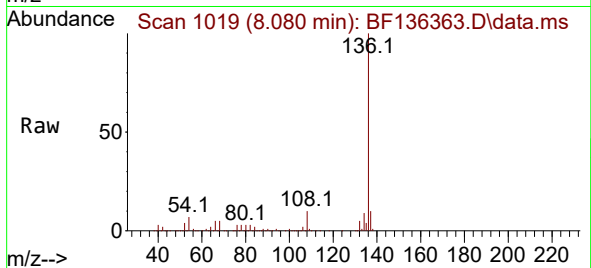
Lab File: BF136363.D

Acq: 02 Dec 2023 06:15

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 441982

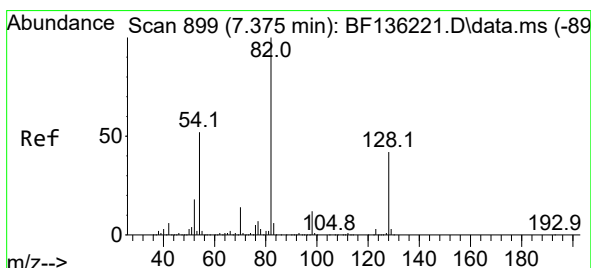
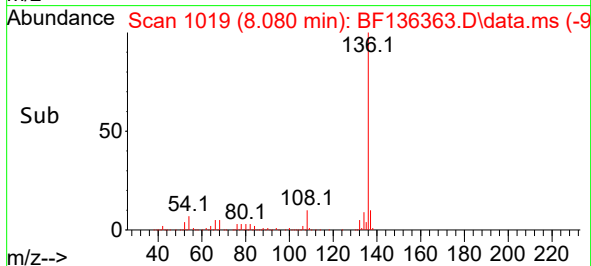
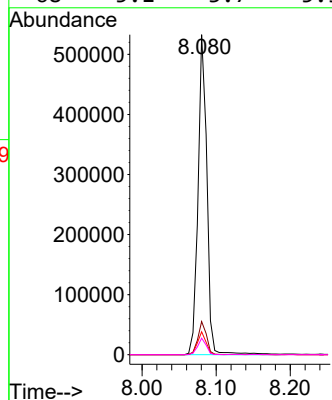
Ion Ratio Lower Upper

136 100

137 10.3 7.4 11.2

54 7.2 5.5 8.3

68 5.1 3.7 5.5



#23

Nitrobenzene-d5

Concen: 51.401 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136363.D

Acq: 02 Dec 2023 06:15

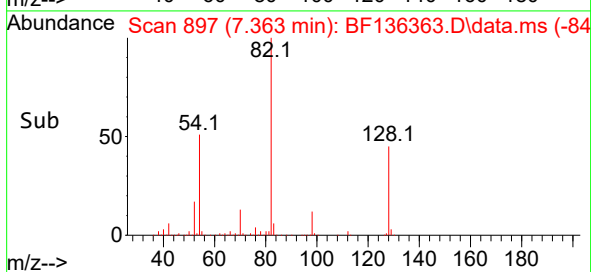
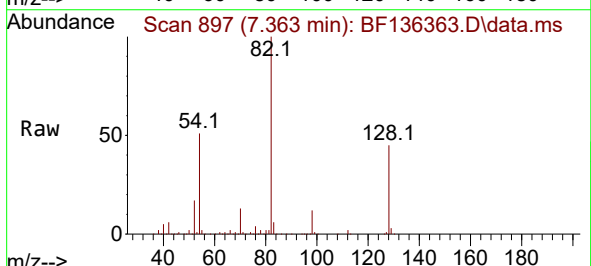
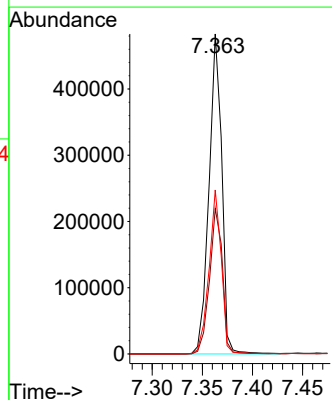
Tgt Ion: 82 Resp: 429923

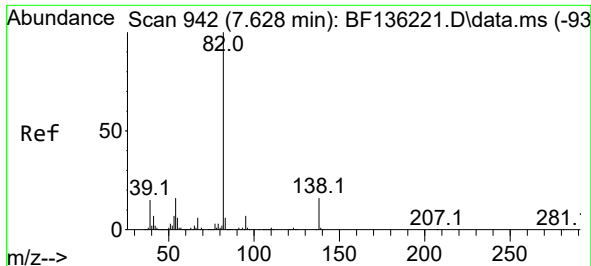
Ion Ratio Lower Upper

82 100

128 45.5 33.4 50.2

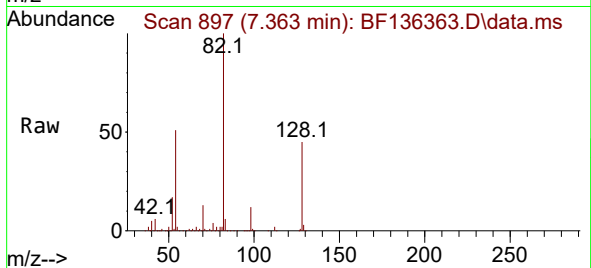
54 51.2 41.7 62.5



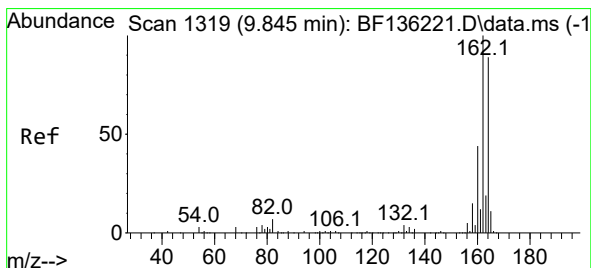
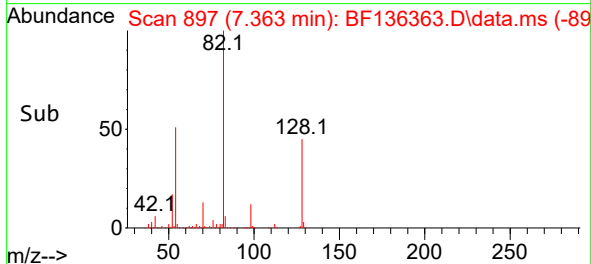
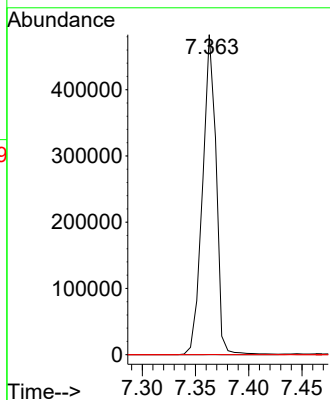


#25
Isophorone
Concen: 28.506 ng
RT: 7.363 min Scan# 897
Delta R.T. -0.265 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

Instrument :
BNA_F
ClientSampleId :

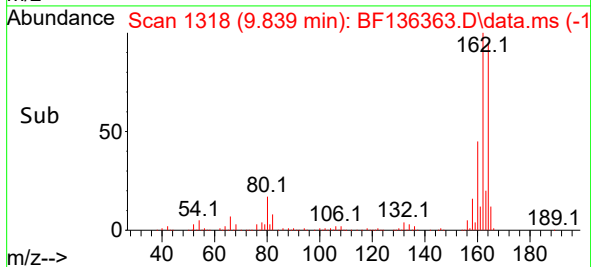
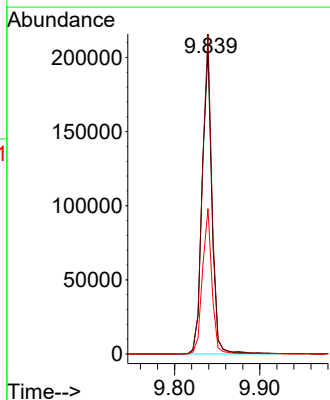
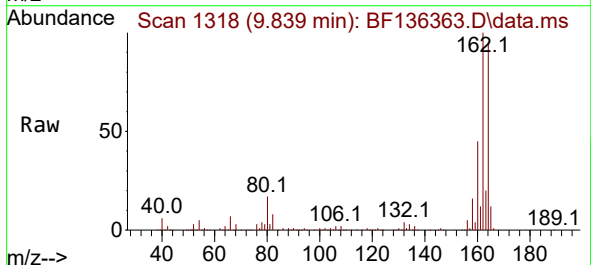


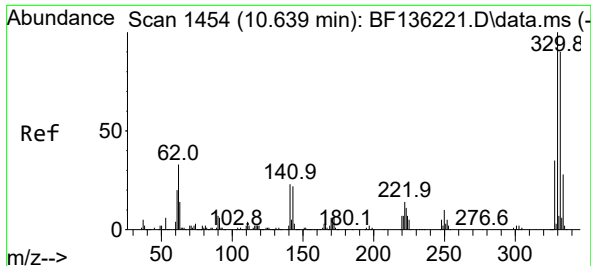
Tgt Ion: 82 Resp: 429918
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

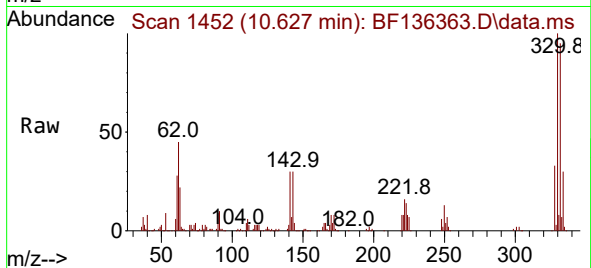
Tgt Ion:164 Resp: 162582
Ion Ratio Lower Upper
164 100
162 105.5 89.5 134.3
160 47.9 39.6 59.4



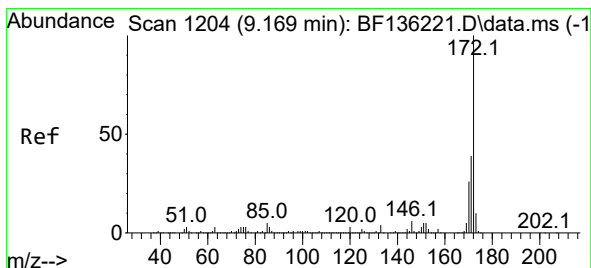
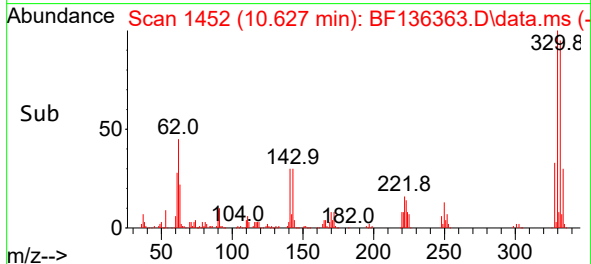
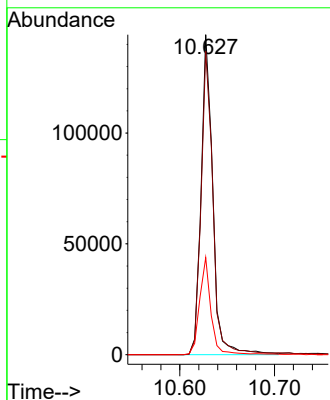


#42
 2,4,6-Tribromophenol
 Concen: 62.153 ng
 RT: 10.627 min Scan# 1454
 Delta R.T. -0.012 min
 Lab File: BF136363.D
 Acq: 02 Dec 2023 06:15

Instrument :
 BNA_F
 ClientSampleId :

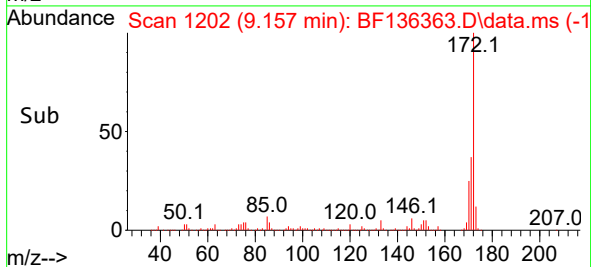
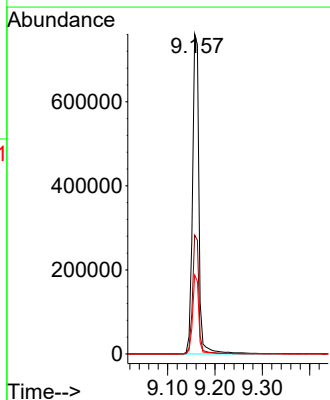
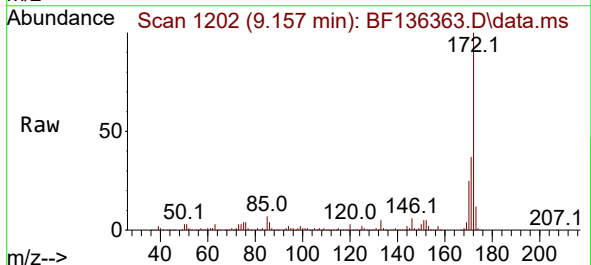


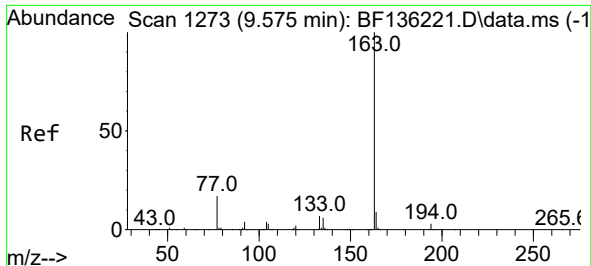
Tgt Ion:330 Resp: 123541
 Ion Ratio Lower Upper
 330 100
 332 97.4 73.0 109.6
 141 29.9 24.2 36.2



#45
 2-Fluorobiphenyl
 Concen: 57.122 ng
 RT: 9.157 min Scan# 1202
 Delta R.T. -0.012 min
 Lab File: BF136363.D
 Acq: 02 Dec 2023 06:15

Tgt Ion:172 Resp: 727076
 Ion Ratio Lower Upper
 172 100
 171 37.2 31.5 47.3
 170 24.7 20.8 31.2

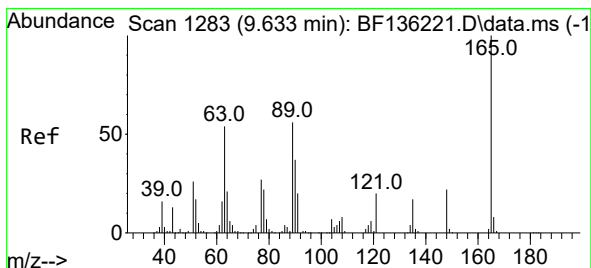
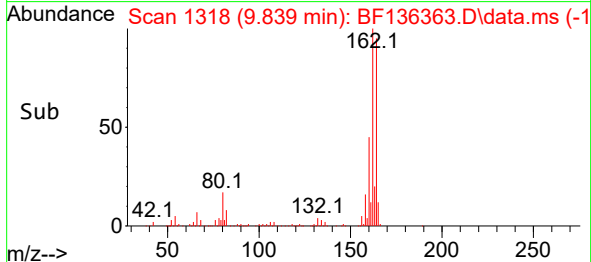
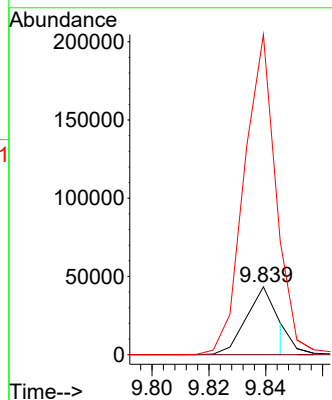
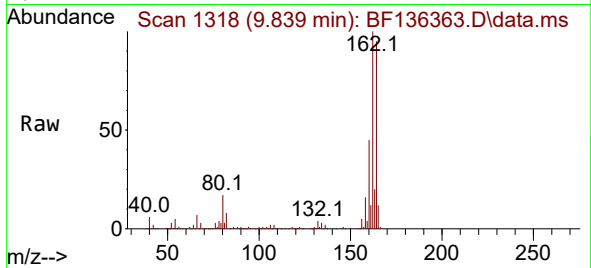




#50
Dimethylphthalate
Concen: 2.677 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

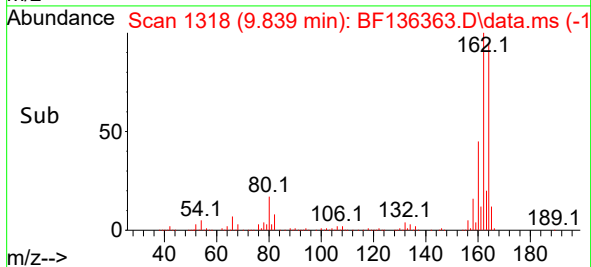
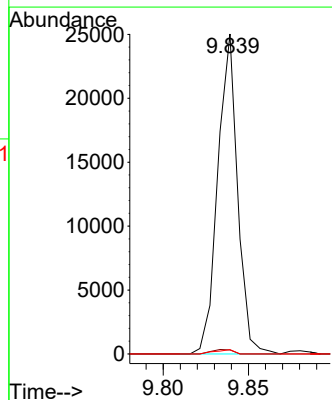
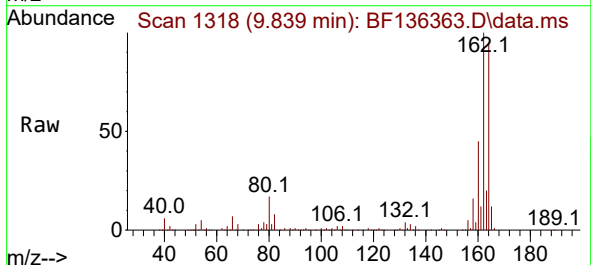
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BNA_F
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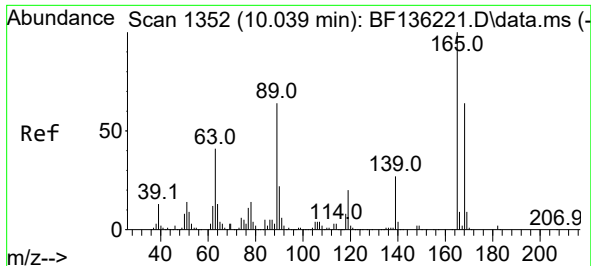
Tgt Ion:163 Resp: 32891
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 471.4 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 8.079 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

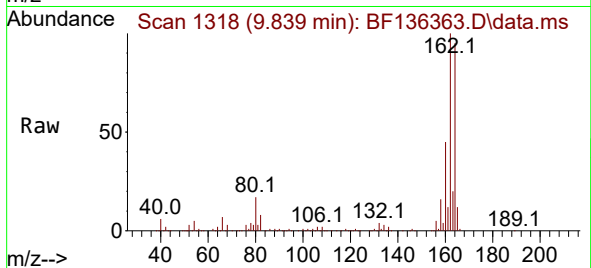
Tgt Ion:165 Resp: 20282
Ion Ratio Lower Upper
165 100
63 1.2 46.2 69.2#
89 1.3 44.9 67.3#



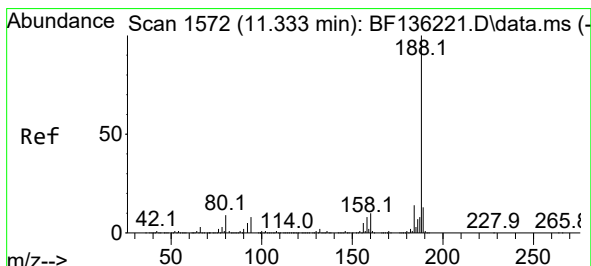
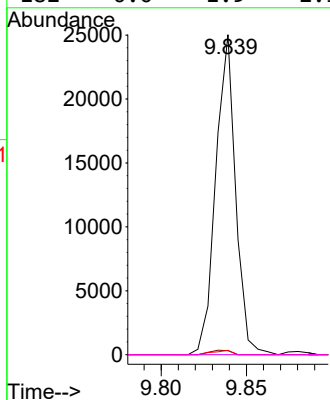
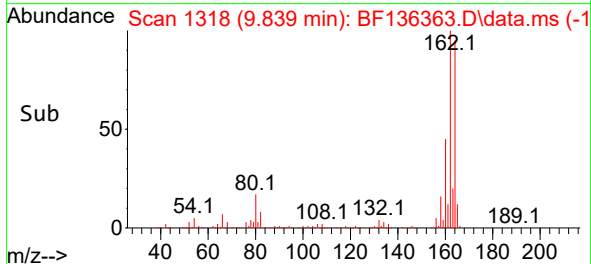


#57
2,4-Dinitrotoluene
Concen: 6.048 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

Instrument :
BNA_F
ClientSampleId :

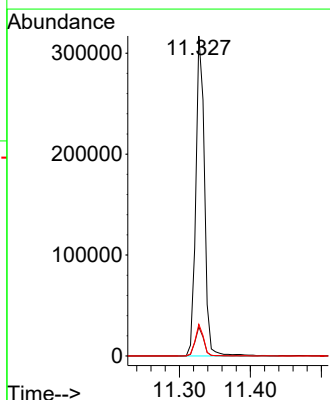
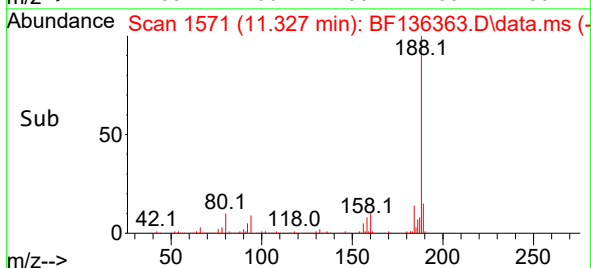
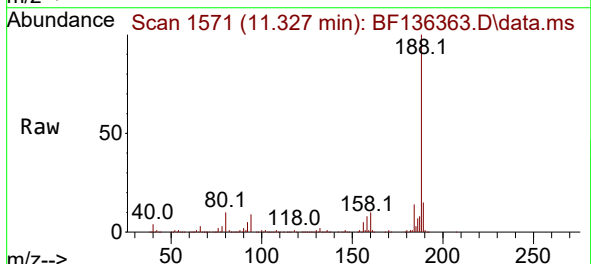


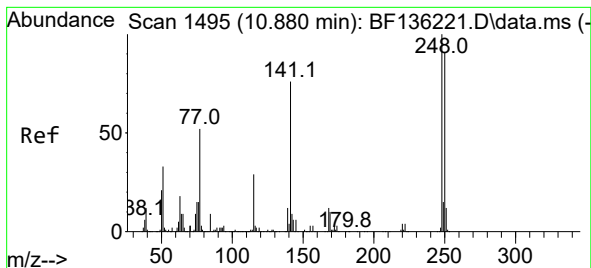
Tgt Ion:165 Resp: 20282
Ion Ratio Lower Upper
165 100
63 1.2 33.0 49.4#
89 1.3 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

Tgt Ion:188 Resp: 270180
Ion Ratio Lower Upper
188 100
94 9.1 6.7 10.1
80 9.9 7.2 10.8

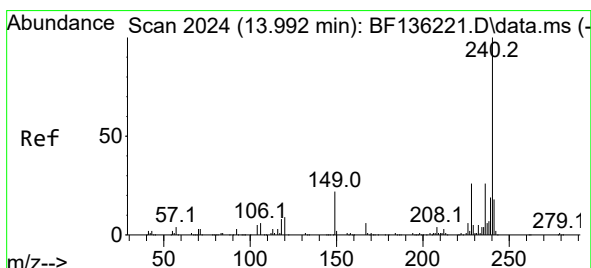
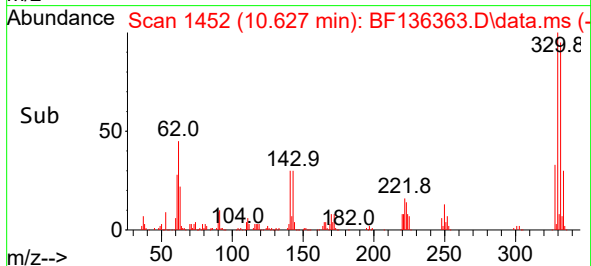
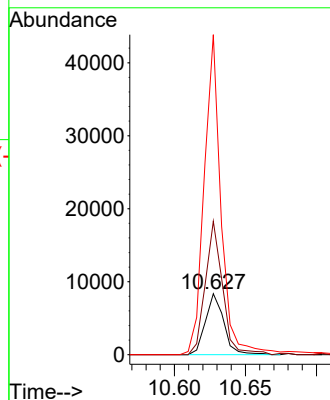
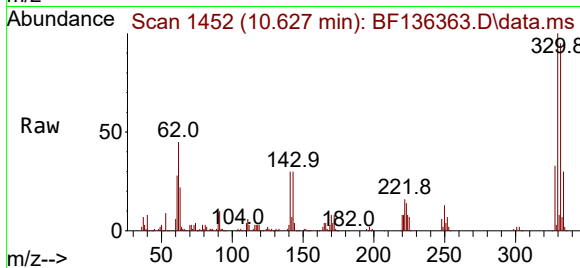




#67
4-Bromophenyl-phenylether
Concen: 2.385 ng
RT: 10.627 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

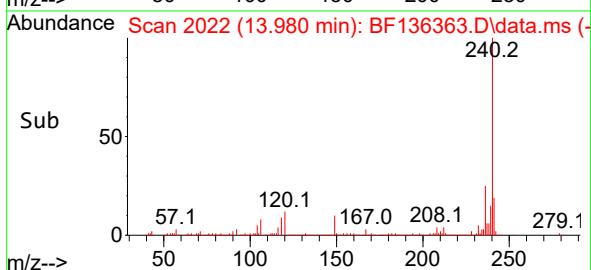
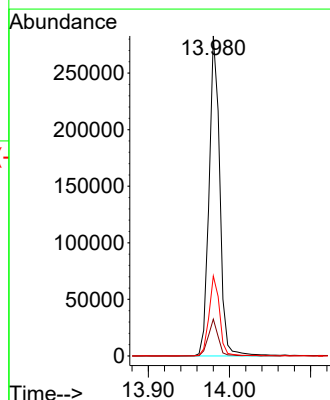
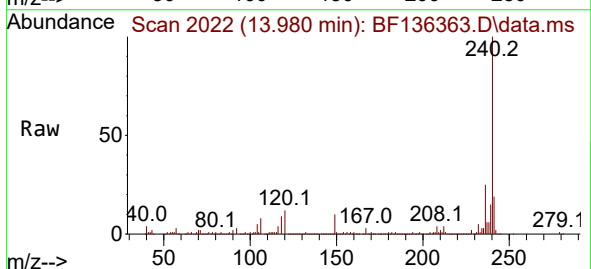
Instrument :
BNA_F
ClientSampleId :

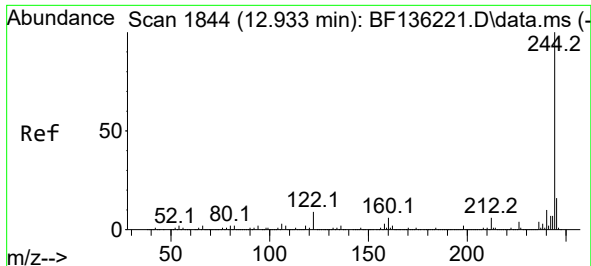
Tgt Ion:248 Resp: 7519
Ion Ratio Lower Upper
248 100
250 219.1 72.5 108.7#
141 525.1 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136363.D
Acq: 02 Dec 2023 06:15

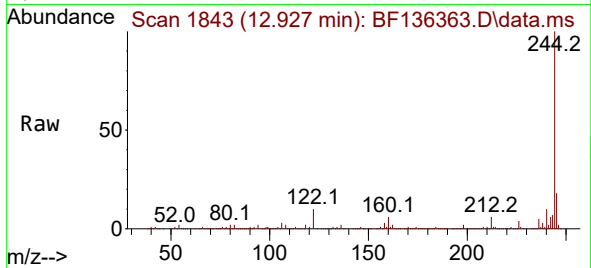
Tgt Ion:240 Resp: 258625
Ion Ratio Lower Upper
240 100
120 11.5 7.4 11.2#
236 25.0 21.1 31.7



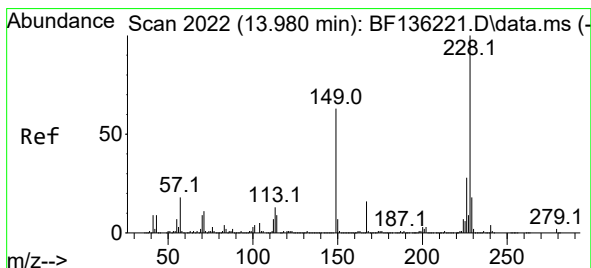
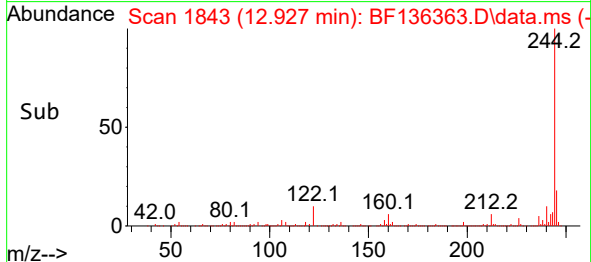
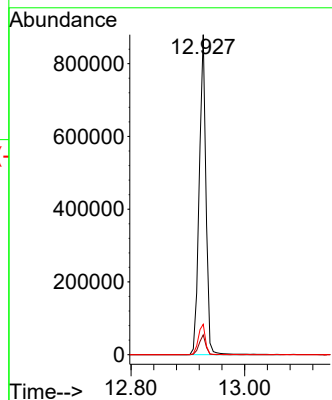


#79
 Terphenyl-d14
 Concen: 32.555 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136363.D
 Acq: 02 Dec 2023 06:15

Instrument :
 BNA_F
 ClientSampleId :

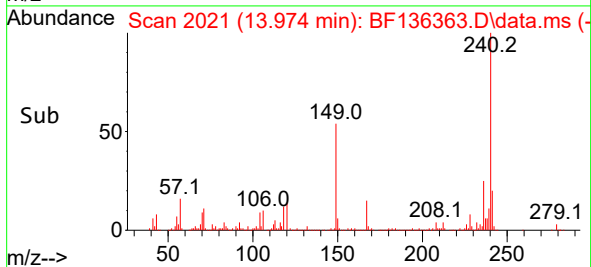
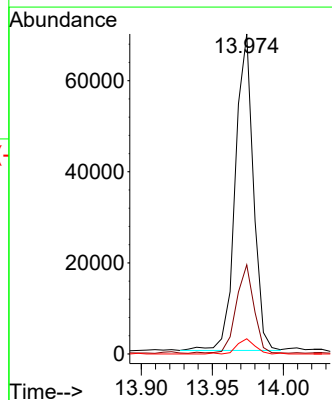
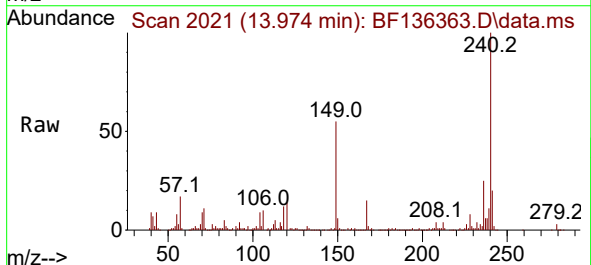


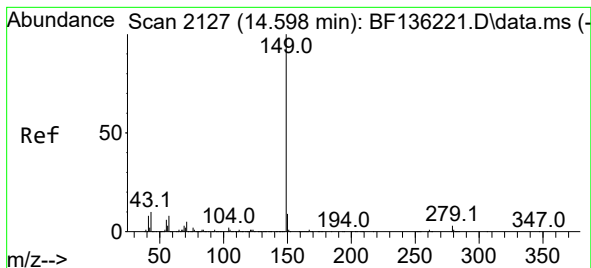
Tgt Ion:244 Resp: 729928
 Ion Ratio Lower Upper
 244 100
 212 6.2 4.6 7.0
 122 9.5 7.3 10.9



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.823 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. -0.006 min
 Lab File: BF136363.D
 Acq: 02 Dec 2023 06:15

Tgt Ion:149 Resp: 61600
 Ion Ratio Lower Upper
 149 100
 167 27.9 20.2 30.2
 279 4.7 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 5.209 ng

RT: 14.586 min Scan# 2127

Delta R.T. -0.012 min

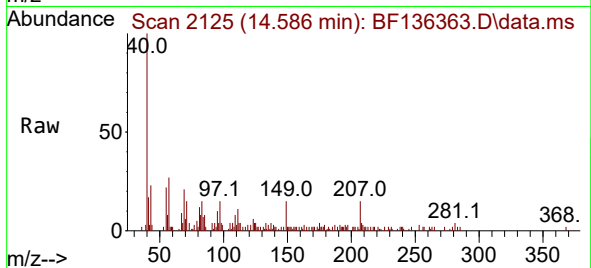
Lab File: BF136363.D

Acq: 02 Dec 2023 06:15

Instrument :

BNA_F

ClientSampleId :



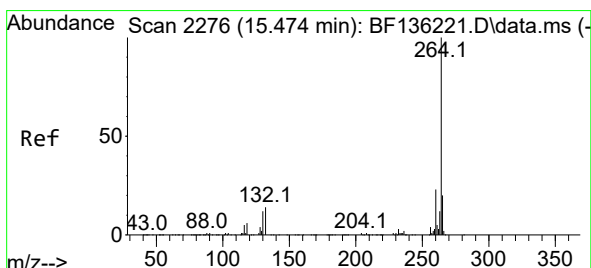
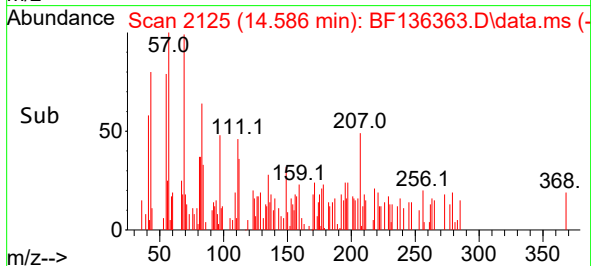
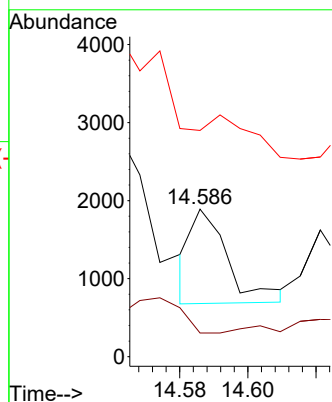
Tgt Ion:149 Resp: 902

Ion Ratio Lower Upper

149 100

167 71.0 1.0 1.6#

43 0.0 7.2 10.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136363.D

Acq: 02 Dec 2023 06:15

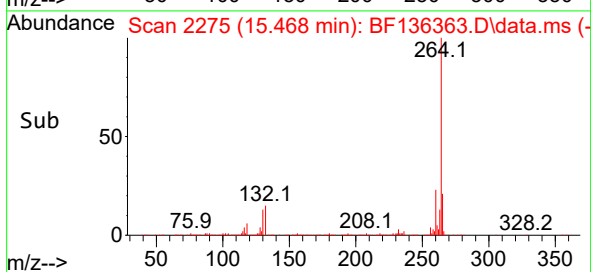
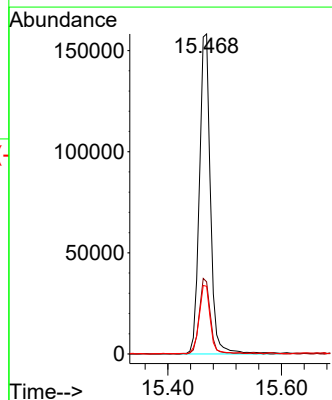
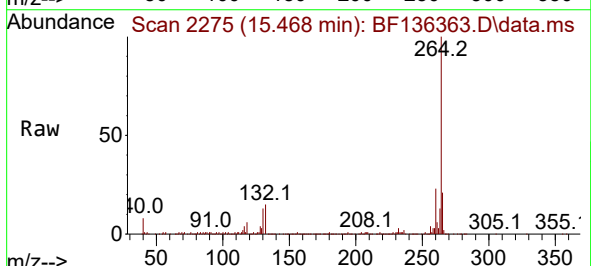
Tgt Ion:264 Resp: 214506

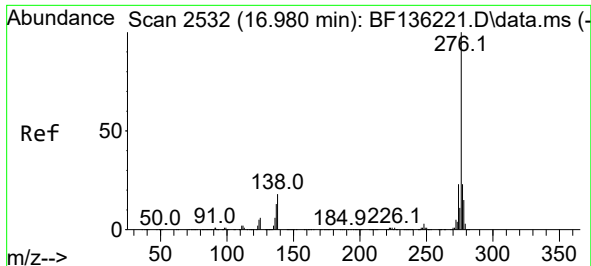
Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 21.2 15.7 23.5

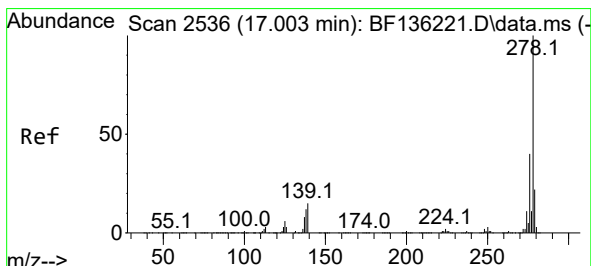
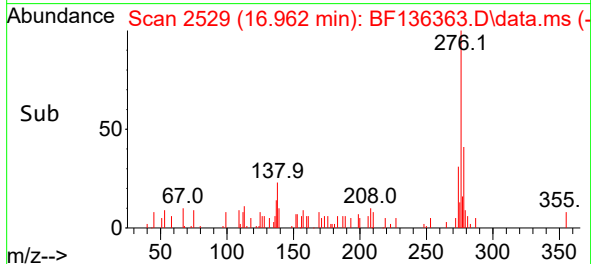
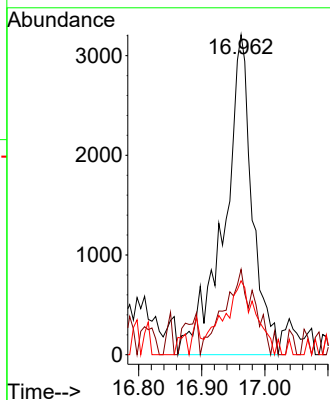
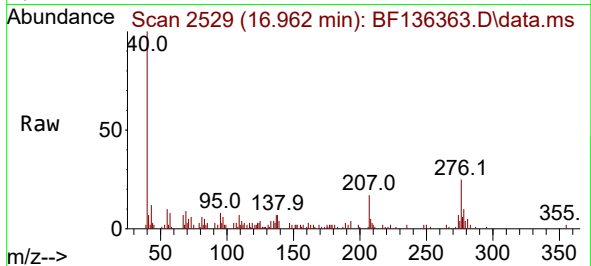




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.260 ng
 RT: 16.962 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF136363.D
 Acq: 02 Dec 2023 06:15

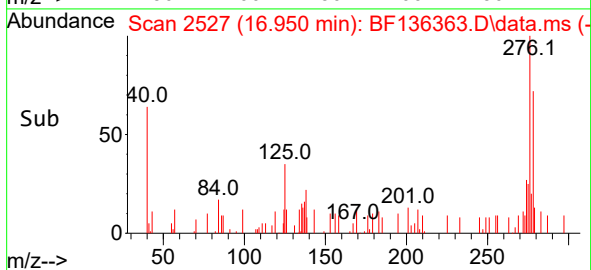
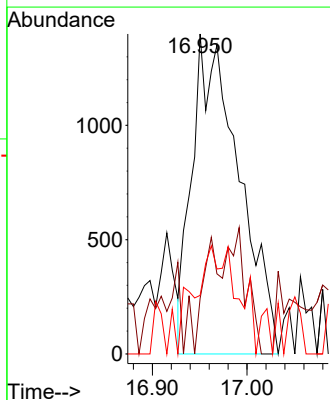
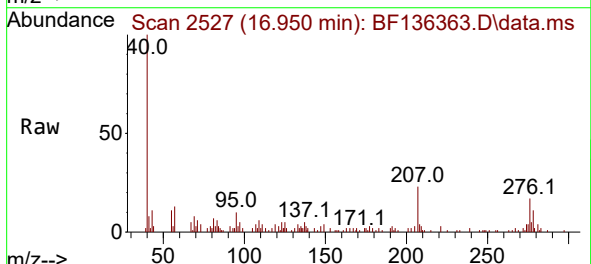
Instrument :
 BNA_F
 ClientSampleId :

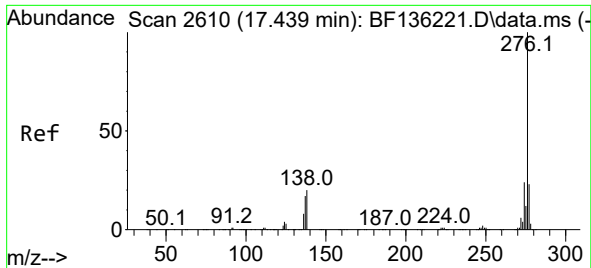
Tgt Ion:276 Resp: 9866
 Ion Ratio Lower Upper
 276 100
 138 27.6 17.7 26.5#
 277 26.6 19.6 29.4



#91
 Dibenzo(a,h)anthracene
 Concen: 3.064 ng
 RT: 16.950 min Scan# 2527
 Delta R.T. -0.053 min
 Lab File: BF136363.D
 Acq: 02 Dec 2023 06:15

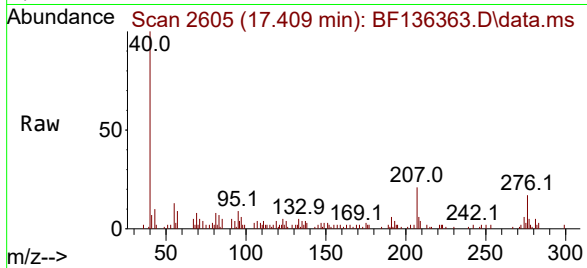
Tgt Ion:278 Resp: 4788
 Ion Ratio Lower Upper
 278 100
 139 17.4 11.7 17.5
 279 18.3 17.8 26.8





#92
 Benzo(g,h,i)perylene
 Concen: 2.476 ng
 RT: 17.409 min Scan# 20
 Delta R.T. -0.030 min
 Lab File: BF136363.D
 Acq: 02 Dec 2023 06:15

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:276 Resp: 7731
 Ion Ratio Lower Upper
 276 100
 277 27.8 18.6 27.8#
 138 18.6 15.8 23.8

