

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136287.D
 Acq On : 29 Nov 2023 17:04
 Operator : CG\JU
 Sample : PB157073BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157073BL

Quant Time: Nov 29 23:47:45 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)

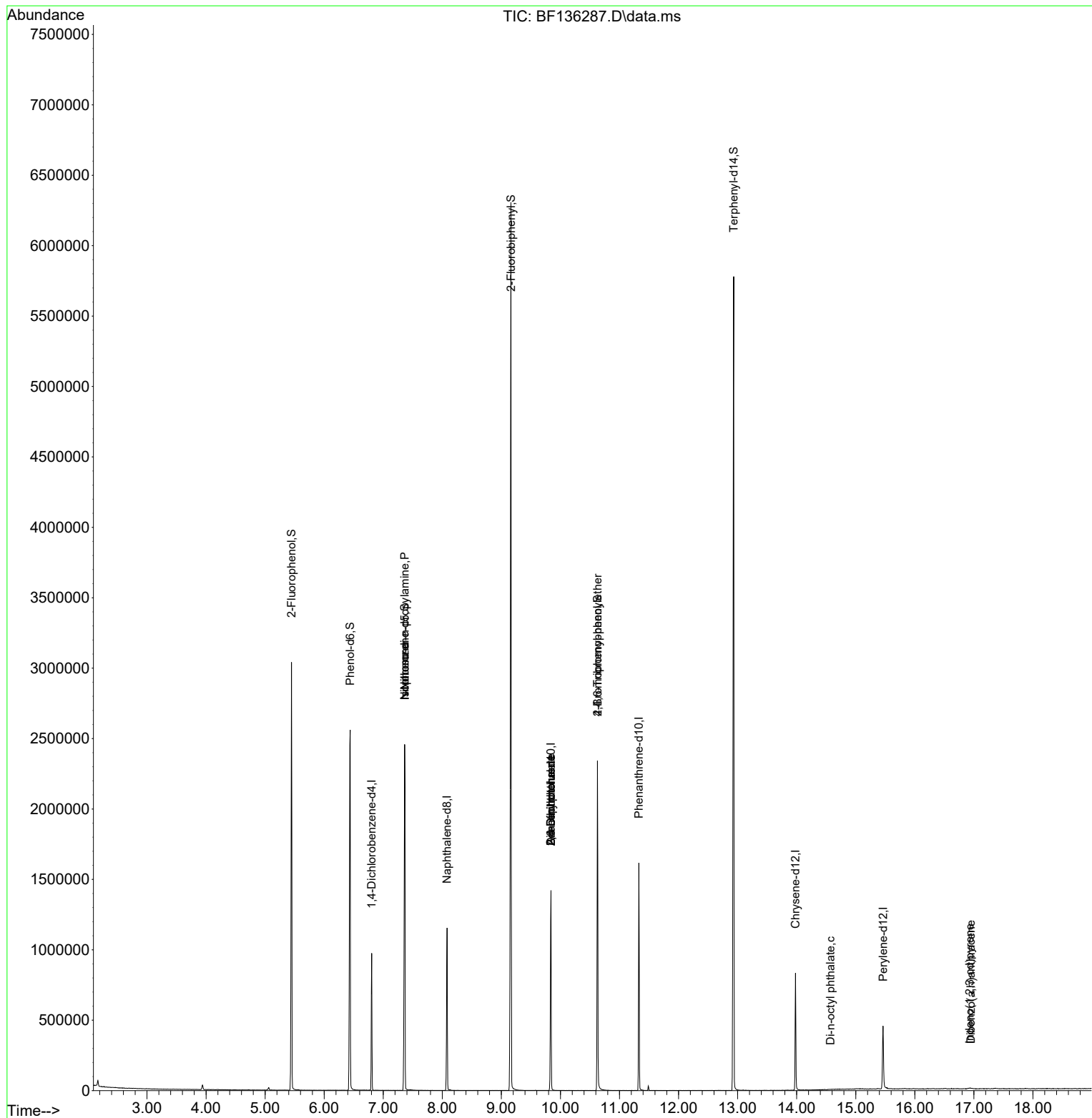
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	129319	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	544858	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	284069	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	561200	20.000	ng	0.00
76) Chrysene-d12	13.980	240	268038	20.000	ng	-0.01
86) Perylene-d12	15.462	264	223727	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	810883	87.275	ng	0.00
7) Phenol-d6	6.439	99	1008007	86.767	ng	0.00
23) Nitrobenzene-d5	7.363	82	955802	92.699	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	302011	86.960	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	1998907	89.880	ng	0.00
79) Terphenyl-d14	12.933	244	2343930	100.870	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.363	70	125164	18.014	ng	# 76
25) Isophorone	7.363	82	950859	51.144	ng	# 68
50) Dimethylphthalate	9.839	163	60638	2.824	ng	# 1
51) 2,6-Dinitrotoluene	9.839	165	34767	7.926	ng	# 24
57) 2,4-Dinitrotoluene	9.839	165	34767	5.934	ng	# 28
67) 4-Bromophenyl-phenylether	10.627	248	17111	2.613	ng	# 1
85) Di-n-octyl phthalate	14.574	149	78	5.166	ng	# 1
87) Indeno(1,2,3-cd)pyrene	16.927	276	6090	3.023	ng	# 83
91) Dibenzo(a,h)anthracene	16.951	278	4905	3.058	ng	# 88

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

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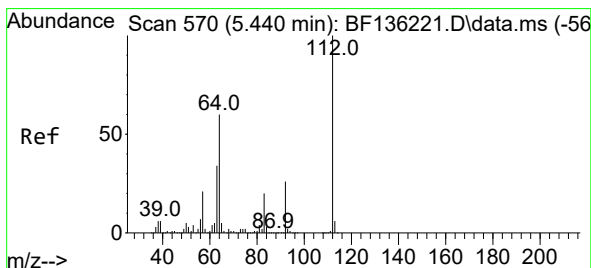
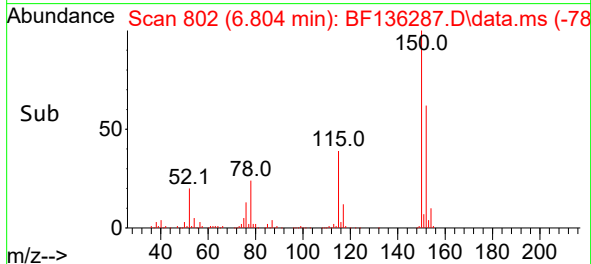
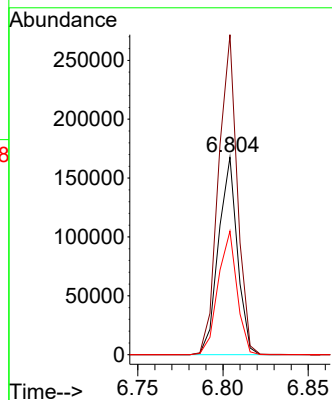
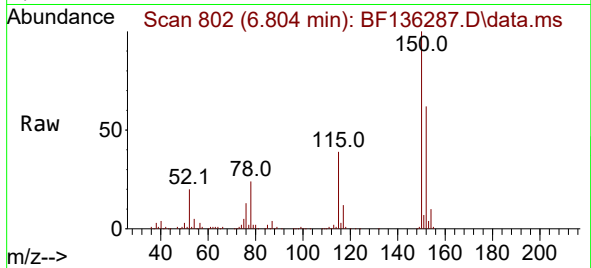




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

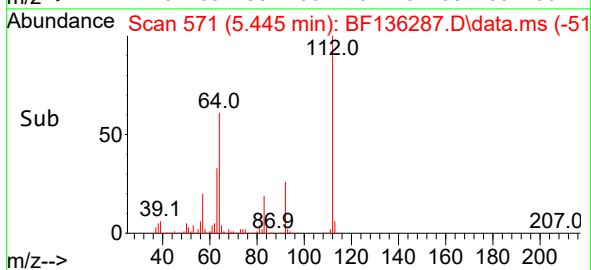
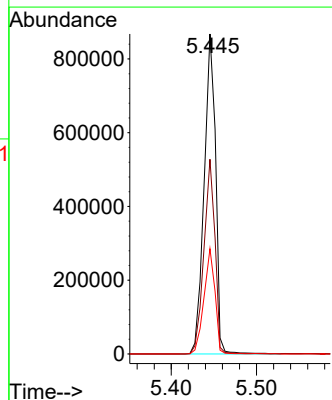
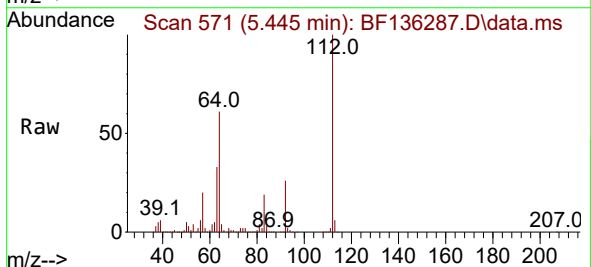
Instrument :
BNA_F
ClientSampleId :
PB157073BL

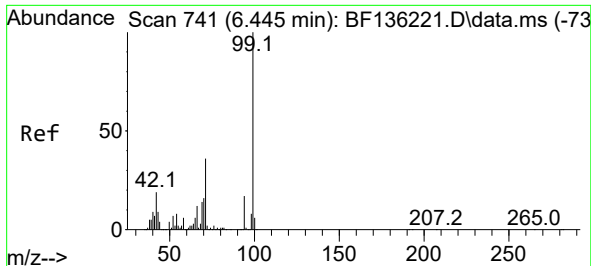
Tgt Ion:152 Resp: 129319
Ion Ratio Lower Upper
152 100
150 162.0 137.8 206.8
115 62.5 52.7 79.1



#5
2-Fluorophenol
Concen: 87.275 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

Tgt Ion:112 Resp: 810883
Ion Ratio Lower Upper
112 100
64 60.9 48.2 72.4
63 32.9 27.0 40.6

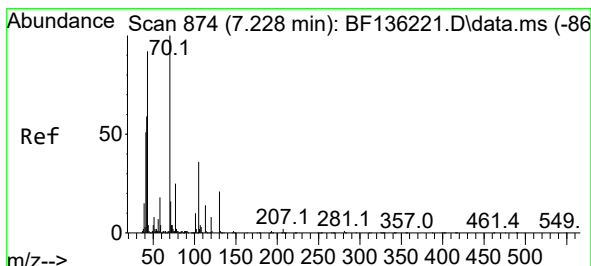
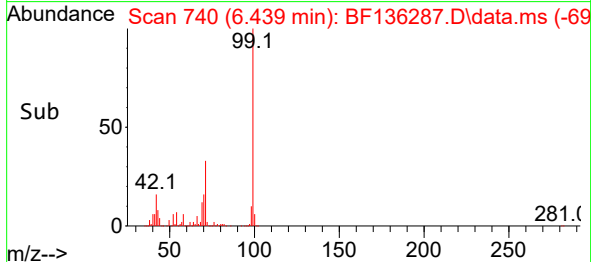
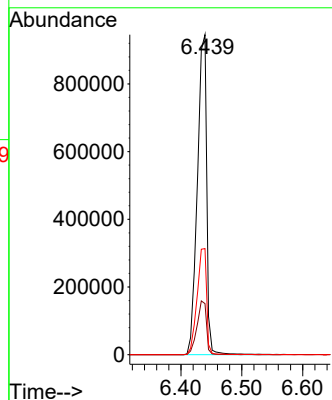
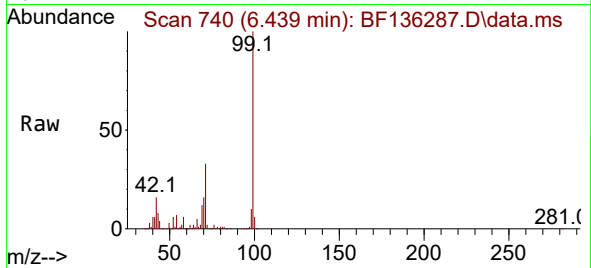




#7
Phenol-d6
Concen: 86.767 ng
RT: 6.439 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

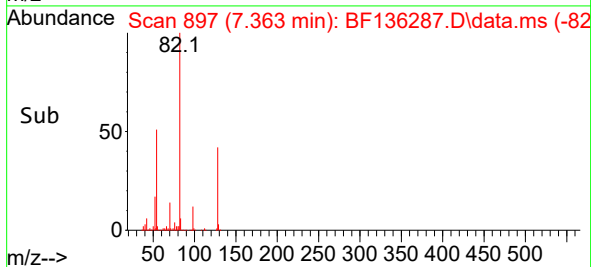
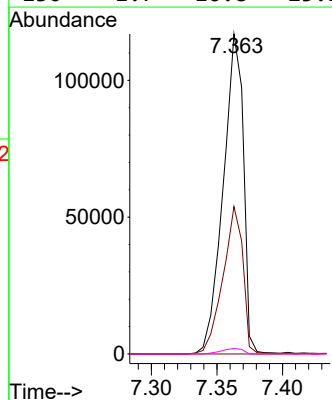
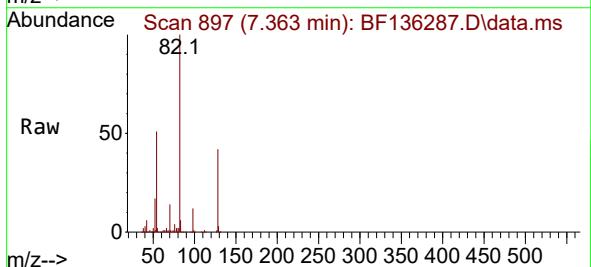
Instrument :
BNA_F
ClientSampleId :
PB157073BL

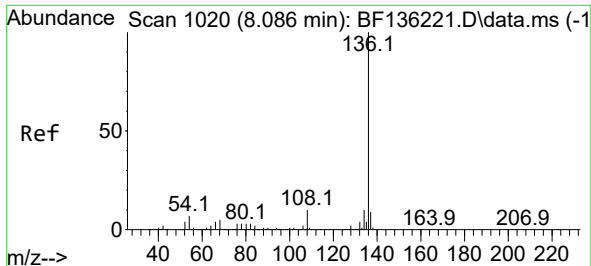
Tgt Ion: 99 Resp: 1008007
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.6
71 33.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.014 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.135 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

Tgt Ion: 70 Resp: 125164
Ion Ratio Lower Upper
70 100
42 46.1 47.0 70.4#
101 0.0 7.8 11.8#
130 1.7 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136287.D

Acq: 29 Nov 2023 17:04

Instrument :

BNA_F

ClientSampleId :

PB157073BL

Tgt Ion:136 Resp: 544858

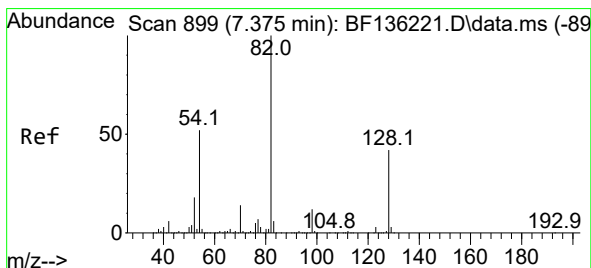
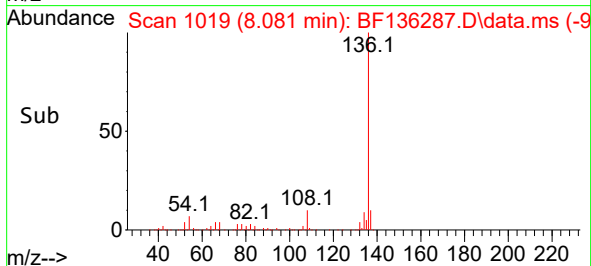
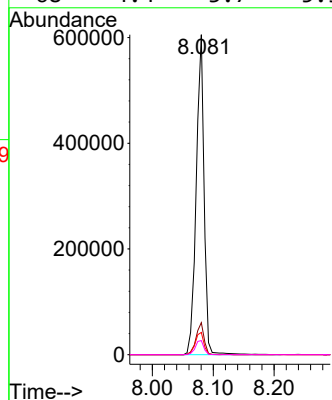
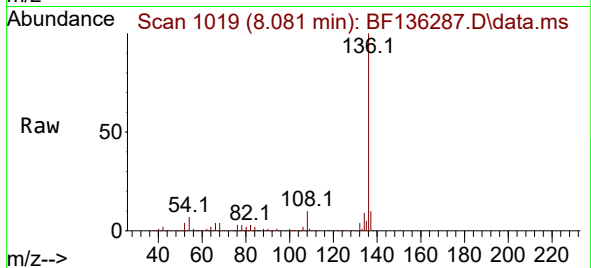
Ion Ratio Lower Upper

136 100

137 10.0 7.4 11.2

54 6.9 5.5 8.3

68 4.4 3.7 5.5



#23

Nitrobenzene-d5

Concen: 92.699 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF136287.D

Acq: 29 Nov 2023 17:04

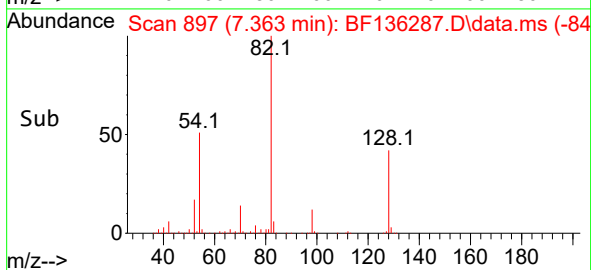
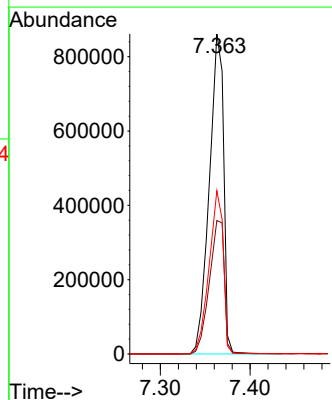
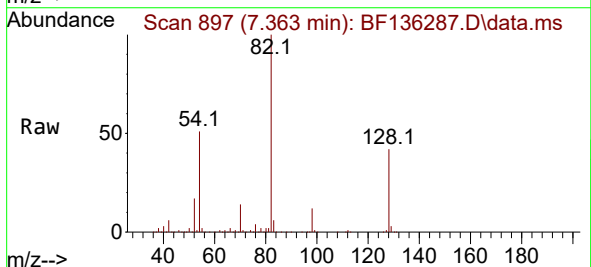
Tgt Ion: 82 Resp: 955802

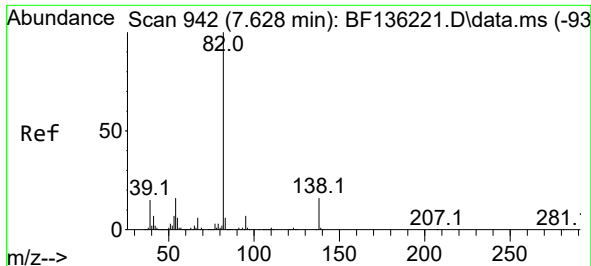
Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.2

54 51.0 41.7 62.5

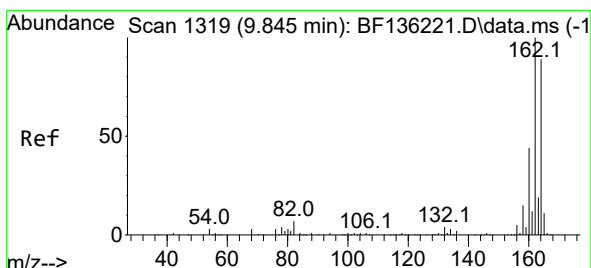
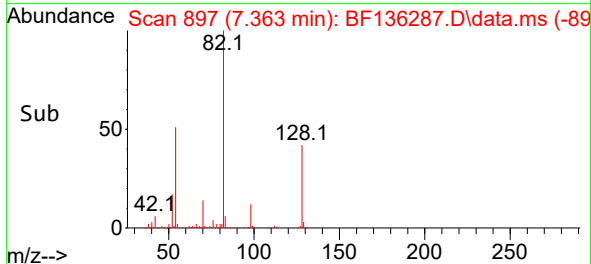
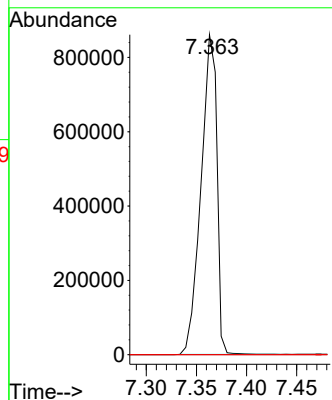
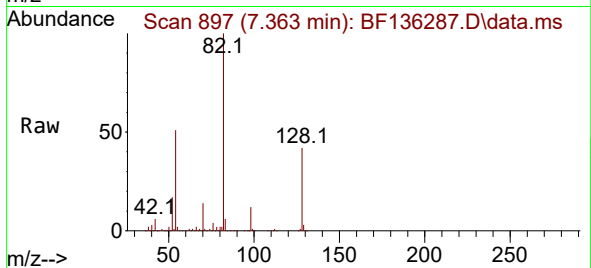




#25
Isophorone
Concen: 51.144 ng
RT: 7.363 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

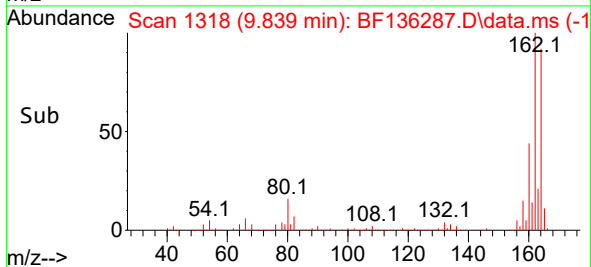
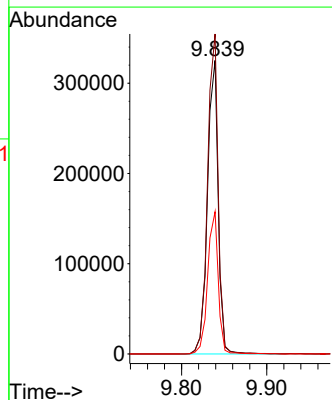
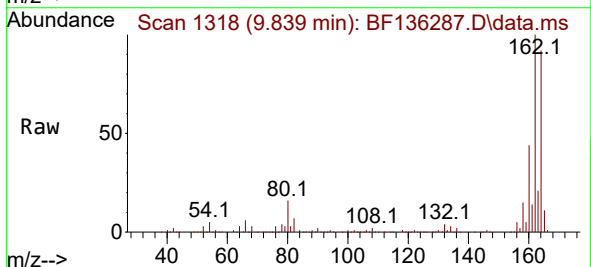
Instrument :
BNA_F
ClientSampleId :
PB157073BL

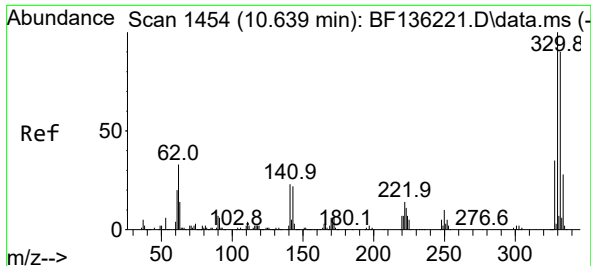
Tgt Ion: 82 Resp: 950859
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

Tgt Ion:164 Resp: 284069
Ion Ratio Lower Upper
164 100
162 109.0 89.5 134.3
160 48.4 39.6 59.4





#42

2,4,6-Tribromophenol

Concen: 86.960 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF136287.D

Acq: 29 Nov 2023 17:04

Instrument :

BNA_F

ClientSampleId :

PB157073BL

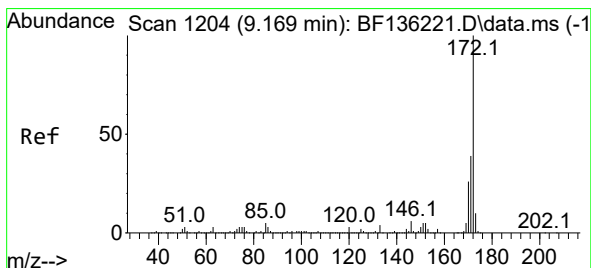
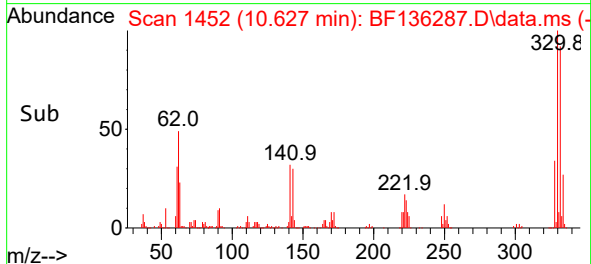
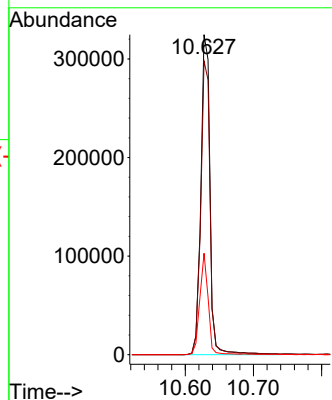
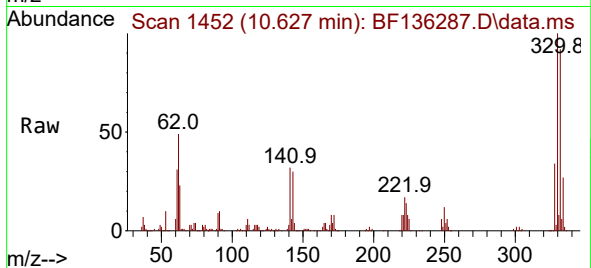
Tgt Ion:330 Resp: 302011

Ion Ratio Lower Upper

330 100

332 93.4 73.0 109.6

141 29.0 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 89.880 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136287.D

Acq: 29 Nov 2023 17:04

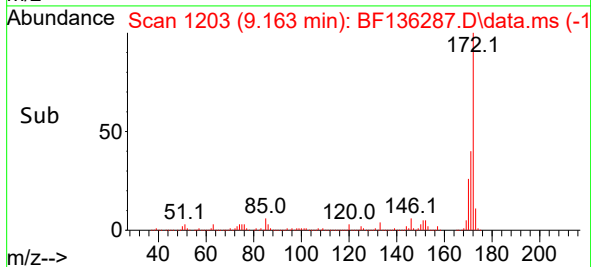
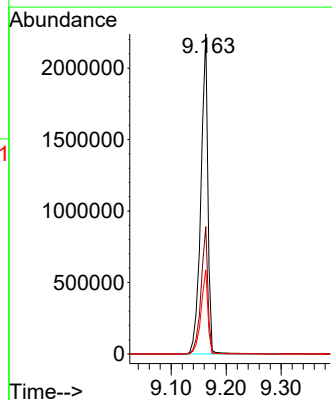
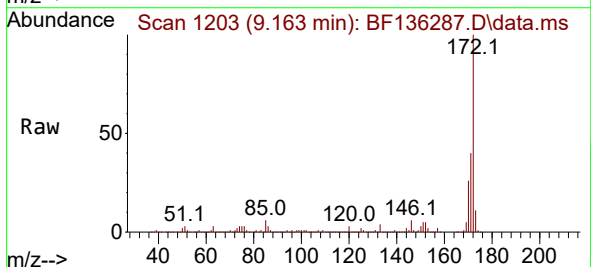
Tgt Ion:172 Resp: 1998907

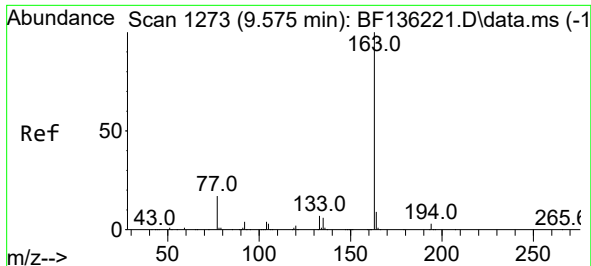
Ion Ratio Lower Upper

172 100

171 39.8 31.5 47.3

170 26.3 20.8 31.2

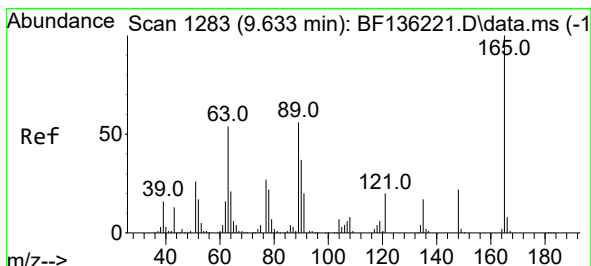
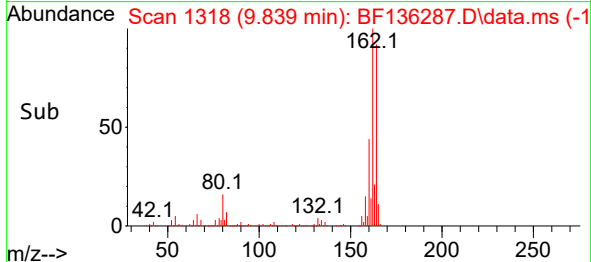
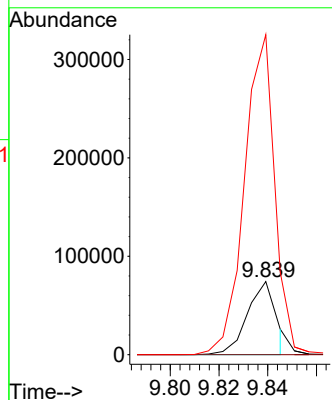
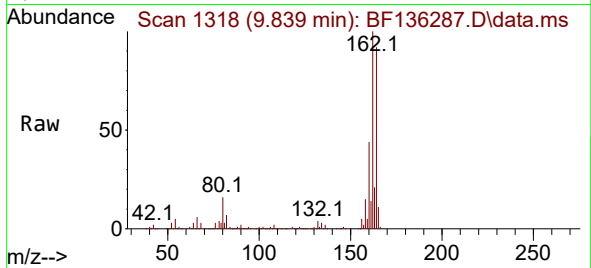




#50
Dimethylphthalate
Concen: 2.824 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.265 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

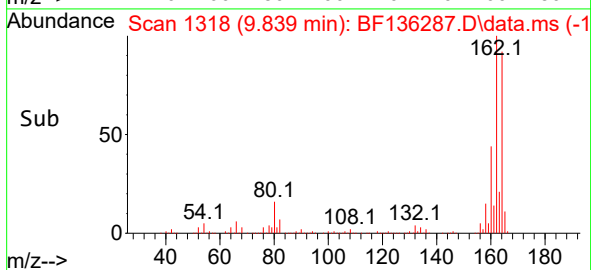
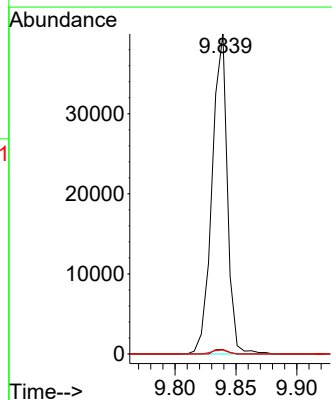
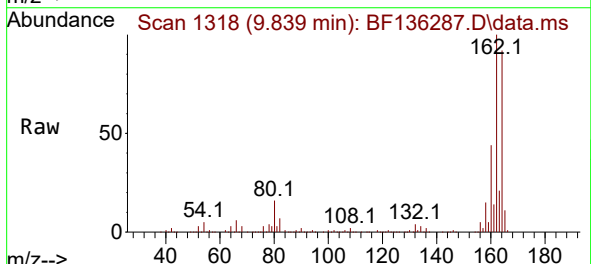
Instrument :
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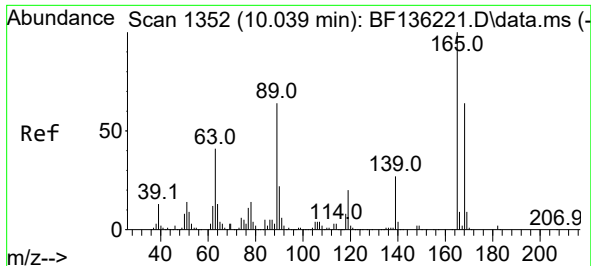
Tgt Ion:163 Resp: 60638
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 437.4 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 7.926 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.206 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

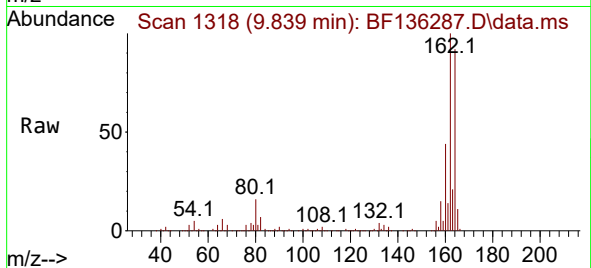
Tgt Ion:165 Resp: 34767
Ion Ratio Lower Upper
165 100
63 1.4 46.2 69.2#
89 1.2 44.9 67.3#



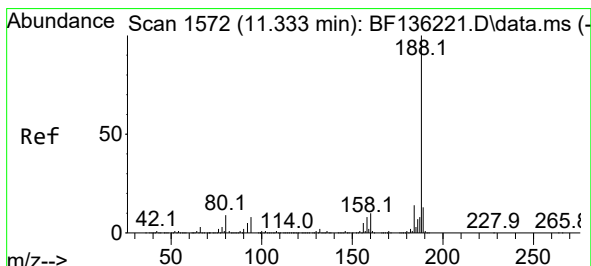
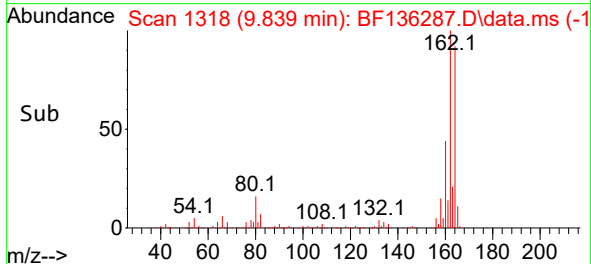
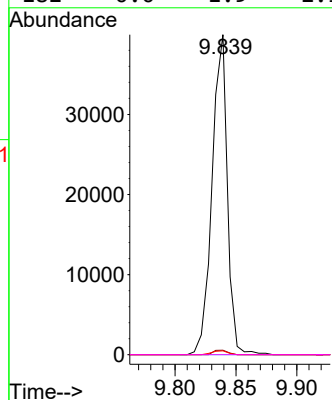


#57
2,4-Dinitrotoluene
Concen: 5.934 ng
RT: 9.839 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

Instrument :
BNA_F
ClientSampleId :
PB157073BL

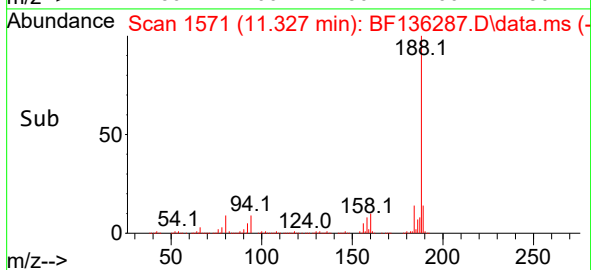
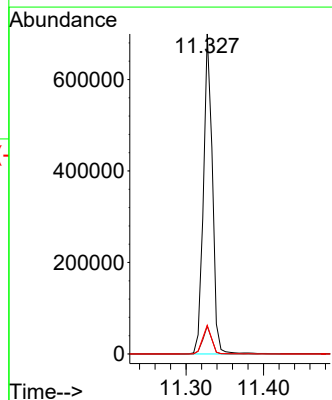
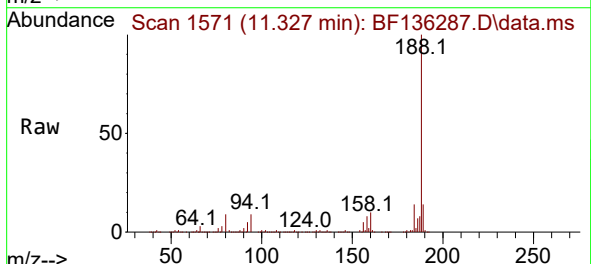


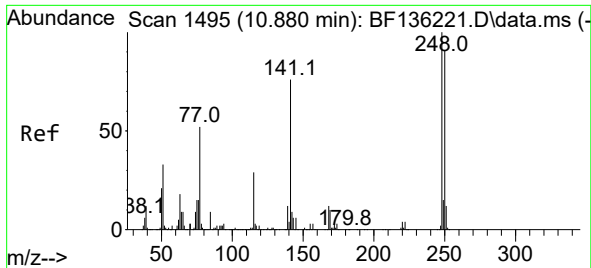
Tgt Ion:165 Resp: 34767
Ion Ratio Lower Upper
165 100
63 1.4 33.0 49.4#
89 1.2 51.5 77.3#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

Tgt Ion:188 Resp: 561200
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.0 7.2 10.8

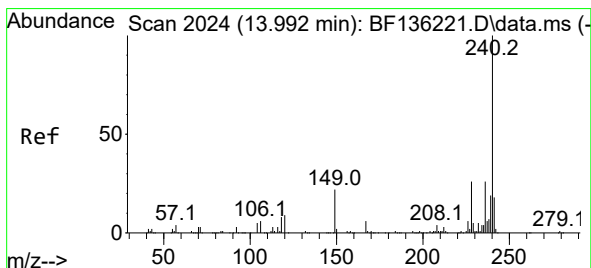
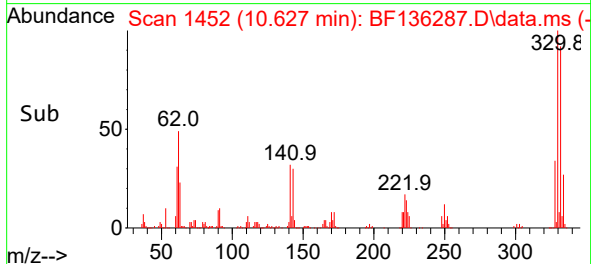
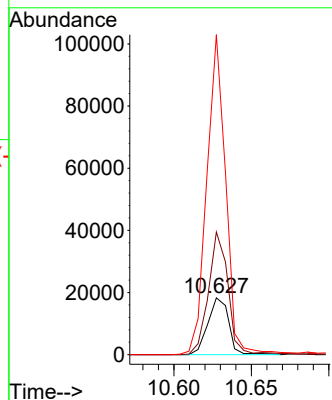
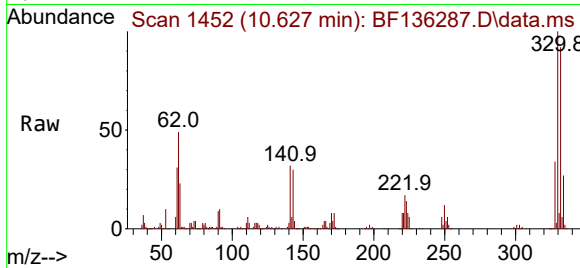




#67
4-Bromophenyl-phenylether
Concen: 2.613 ng
RT: 10.627 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

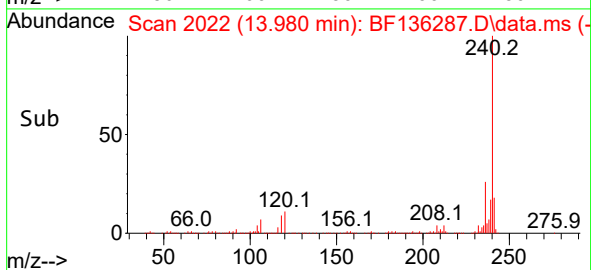
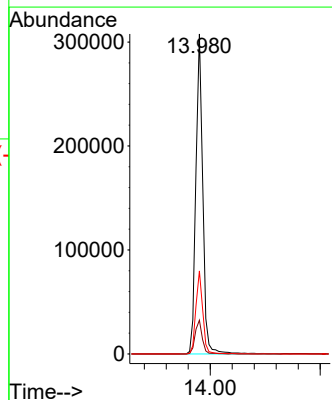
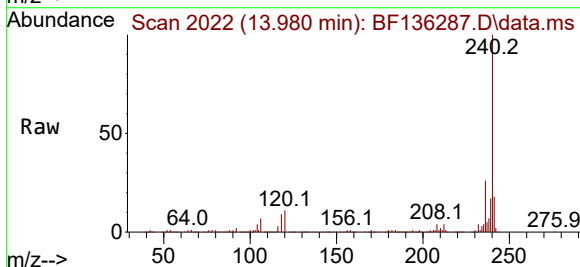
Instrument :
BNA_F
ClientSampleId :
PB157073BL

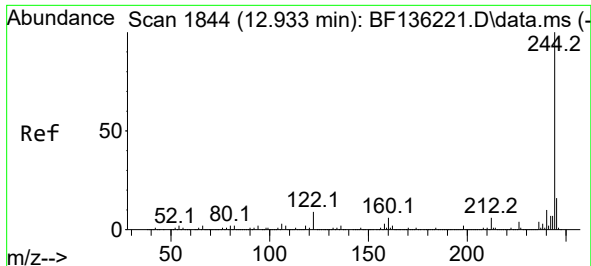
Tgt Ion:248 Resp: 17111
Ion Ratio Lower Upper
248 100
250 216.0 72.5 108.7#
141 563.3 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.012 min
Lab File: BF136287.D
Acq: 29 Nov 2023 17:04

Tgt Ion:240 Resp: 268038
Ion Ratio Lower Upper
240 100
120 10.6 7.4 11.2
236 26.0 21.1 31.7

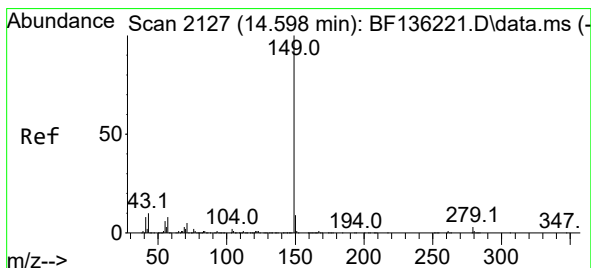
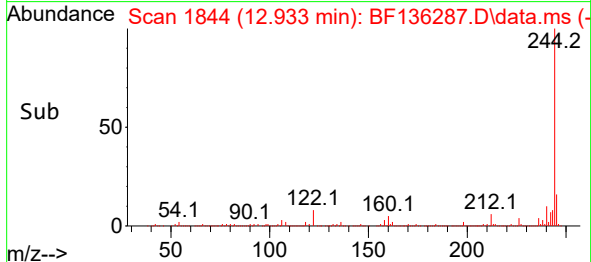
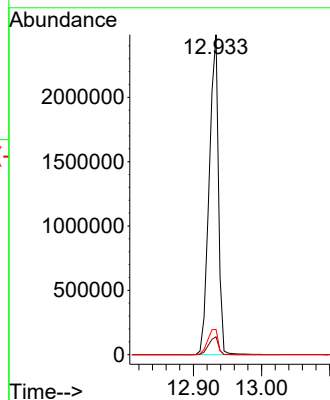
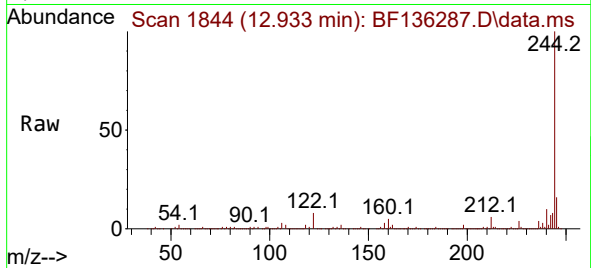




#79
 Terphenyl-d14
 Concen: 100.870 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF136287.D
 Acq: 29 Nov 2023 17:04

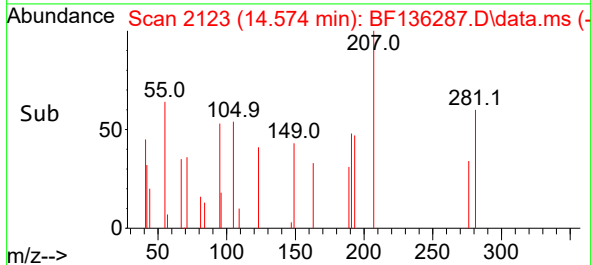
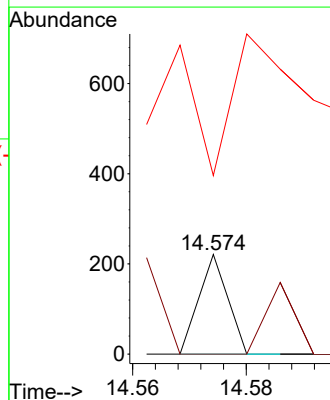
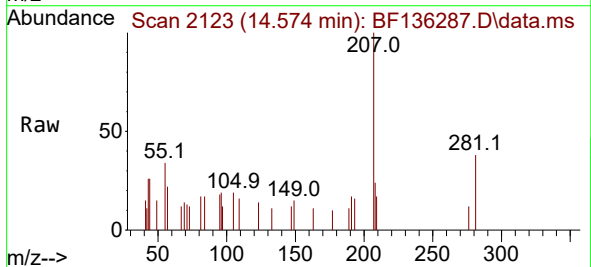
Instrument :
 BNA_F
 ClientSampleId :
 PB157073BL

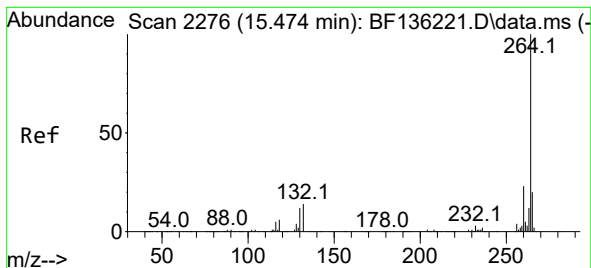
Tgt Ion:244 Resp: 2343930
 Ion Ratio Lower Upper
 244 100
 212 5.6 4.6 7.0
 122 7.9 7.3 10.9



#85
 Di-n-octyl phthalate
 Concen: 5.166 ng
 RT: 14.574 min Scan# 2123
 Delta R.T. -0.024 min
 Lab File: BF136287.D
 Acq: 29 Nov 2023 17:04

Tgt Ion:149 Resp: 78
 Ion Ratio Lower Upper
 149 100
 167 71.8 1.0 1.6#
 43 411.5 7.2 10.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF136287.D

Acq: 29 Nov 2023 17:04

Instrument :

BNA_F

ClientSampleId :

PB157073BL

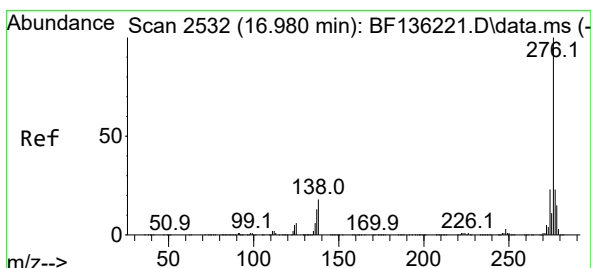
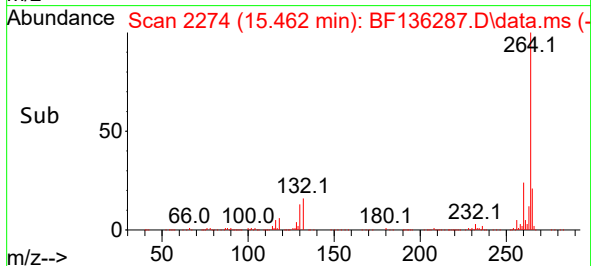
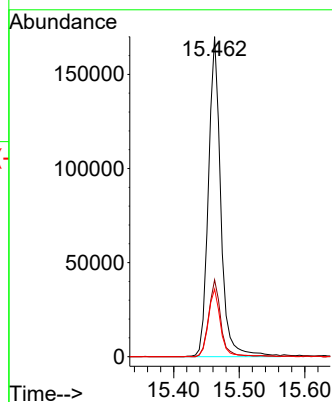
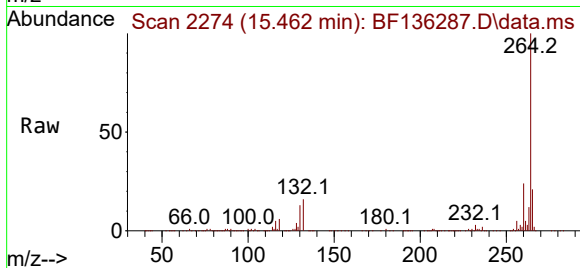
Tgt Ion:264 Resp: 223727

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 21.1 15.7 23.5



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.023 ng

RT: 16.927 min Scan# 2523

Delta R.T. -0.053 min

Lab File: BF136287.D

Acq: 29 Nov 2023 17:04

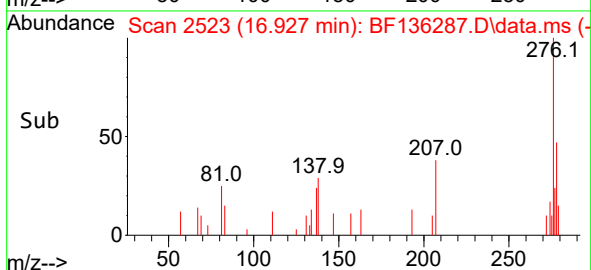
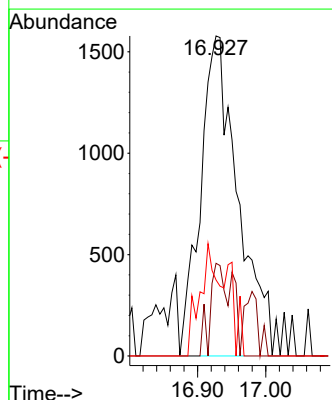
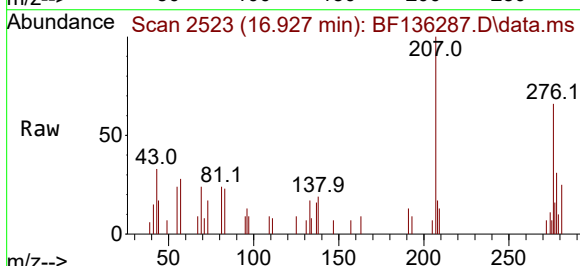
Tgt Ion:276 Resp: 6090

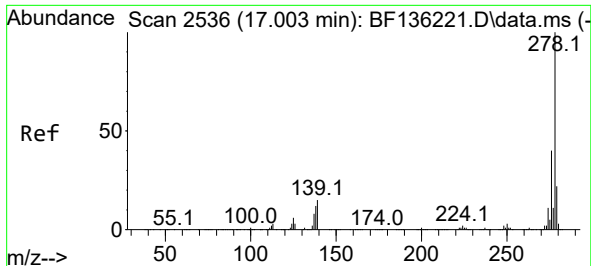
Ion Ratio Lower Upper

276 100

138 12.1 17.7 26.5#

277 18.2 19.6 29.4#





#91

Dibenzo(a,h)anthracene

Concen: 3.058 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.052 min

Lab File: BF136287.D

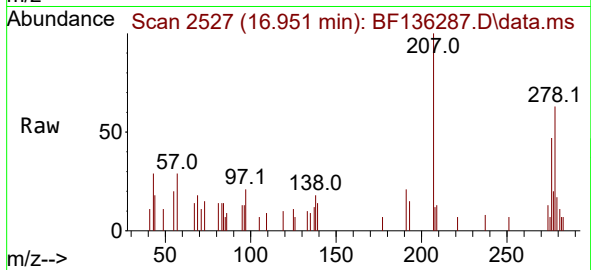
Acq: 29 Nov 2023 17:04

Instrument :

BNA_F

ClientSampleId :

PB157073BL



Tgt Ion:278 Resp: 4905

Ion Ratio Lower Upper

278 100

139 21.6 11.7 17.5#

279 26.6 17.8 26.8

