

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136008.D
 Acq On : 28 Oct 2023 16:37
 Operator : CG\JU
 Sample : 05081-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BALLARDS

Quant Time: Oct 30 00:27:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

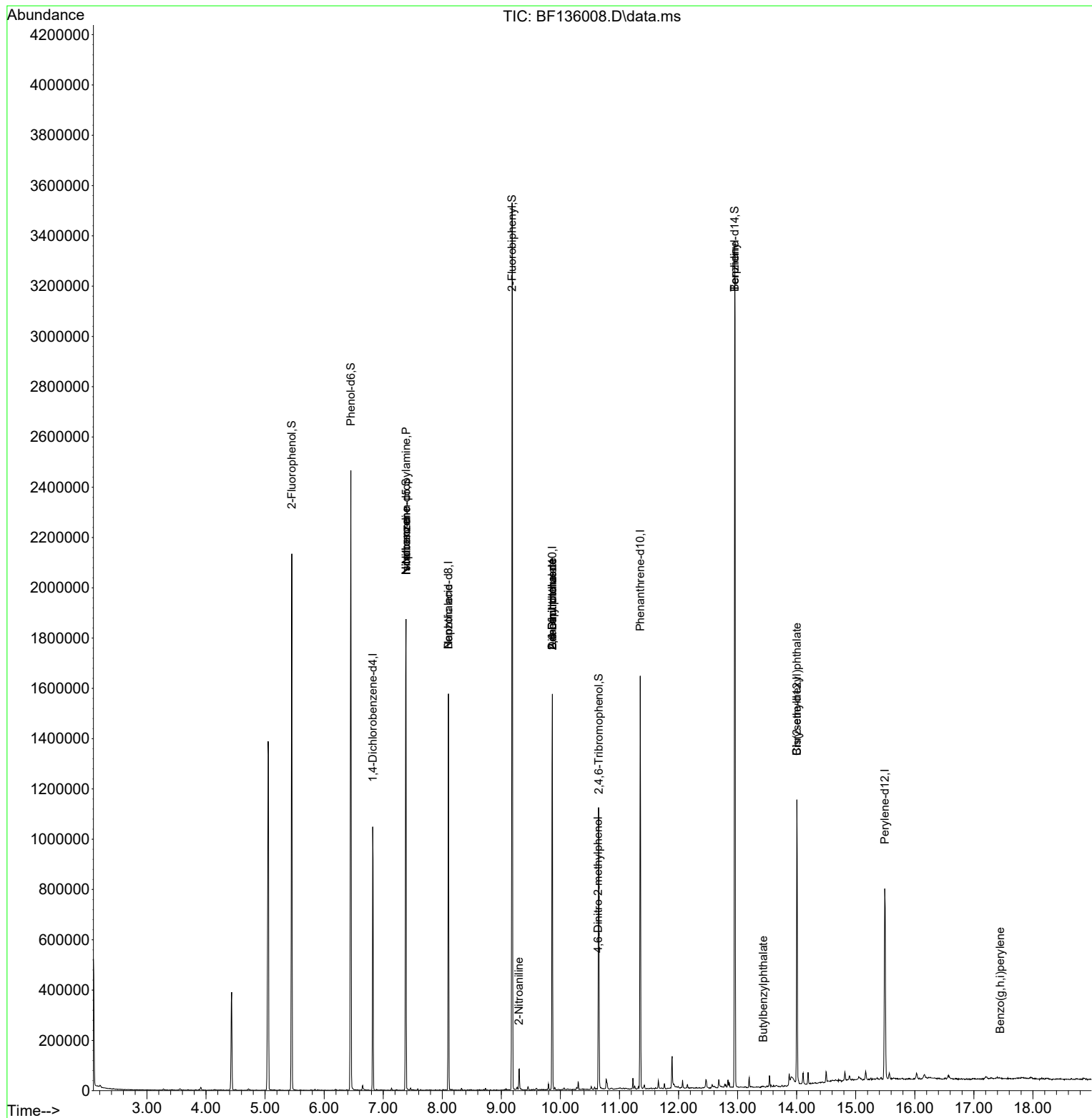
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	150806	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	590340	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	303864	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	559191	20.000	ng	0.00
76) Chrysene-d12	14.004	240	335600	20.000	ng	0.00
86) Perylene-d12	15.492	264	356029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	543791	55.681	ng	0.00
7) Phenol-d6	6.451	99	838863	68.994	ng	0.00
23) Nitrobenzene-d5	7.387	82	557074	63.709	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	134969	50.746	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1077216	56.765	ng	0.00
79) Terphenyl-d14	12.951	244	1249850	62.223	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	72095	10.427	ng	# 76
24) Nitrobenzene	7.387	77	1703	2.747	ng	# 30
25) Isophorone	7.387	82	557066	29.853	ng	# 64
32) Benzoic acid	8.104	122	65	5.736	ng	# 1
48) 2-Nitroaniline	9.298	65	846	4.403	ng	# 4
50) Dimethylphthalate	9.863	163	62295	3.161	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	39533	13.559	ng	# 21
57) 2,4-Dinitrotoluene	9.863	165	39533	12.697	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.639	198	466	7.244	ng	# 53
77) Benzidine	12.951	184	14911	2.304	ng	# 91
80) Butylbenzylphthalate	13.433	149	248	3.848	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.004	149	23223	2.004	ng	100
92) Benzo(g,h,i)perylene	17.445	276	2089	3.856	ng	# 60

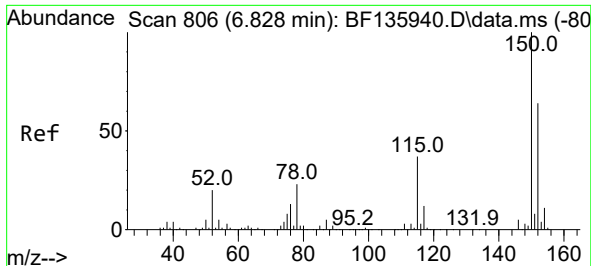
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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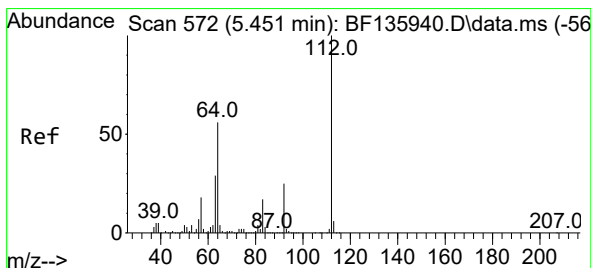
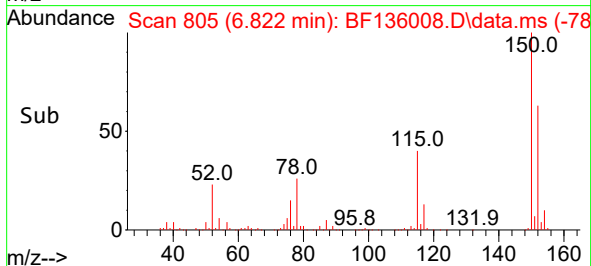
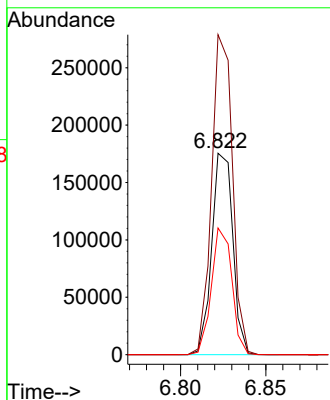
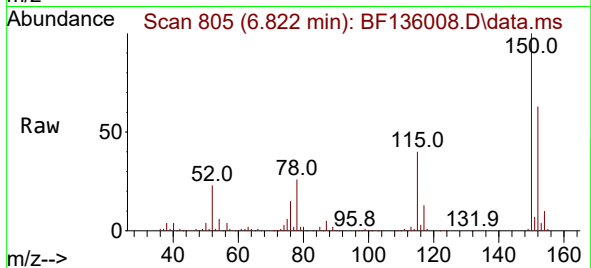




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

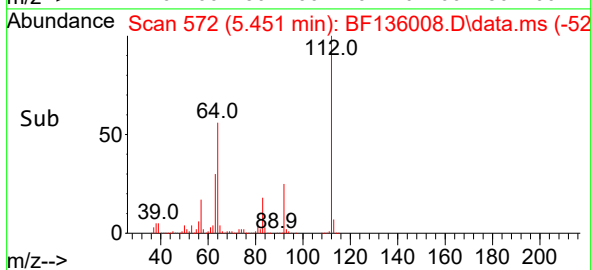
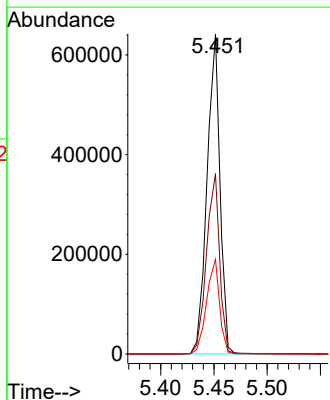
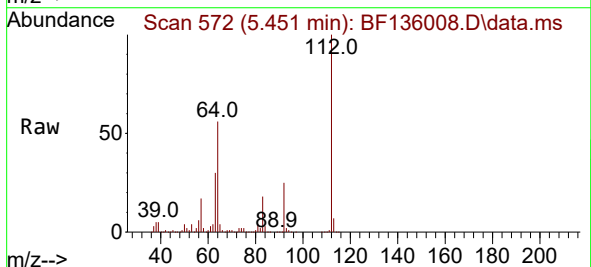
Instrument :
BNA_F
ClientSampleId :
BALLARDS

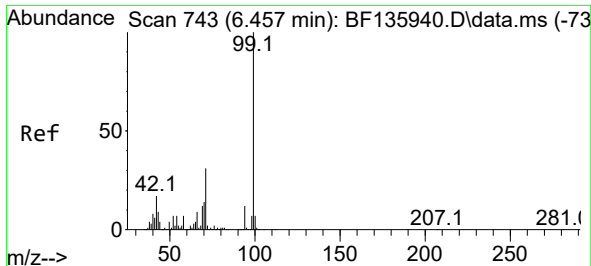
Tgt Ion:152 Resp: 150806
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 62.9 46.6 69.8



#5
2-Fluorophenol
Concen: 55.681 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion:112 Resp: 543791
Ion Ratio Lower Upper
112 100
64 56.4 45.1 67.7
63 29.6 23.0 34.4

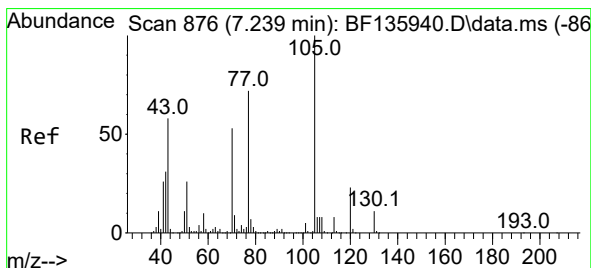
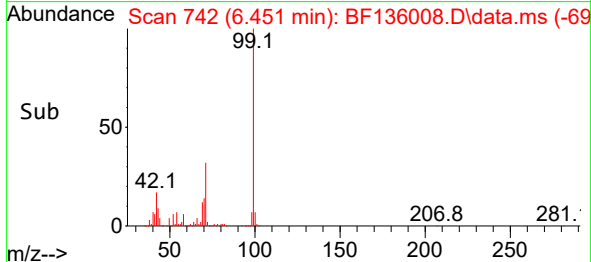
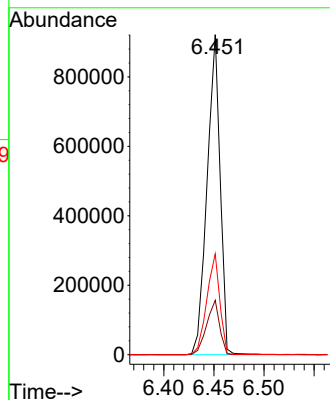
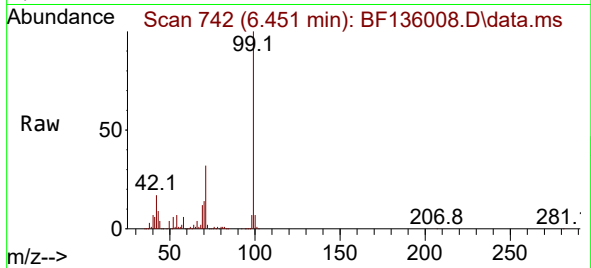




#7
Phenol-d6
Concen: 68.994 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

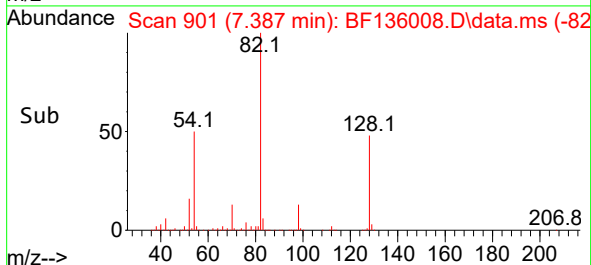
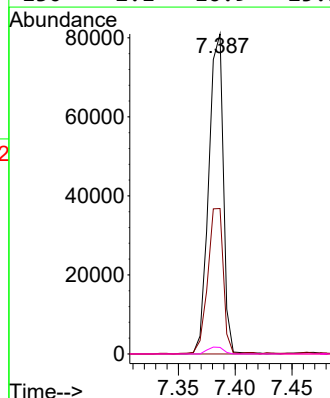
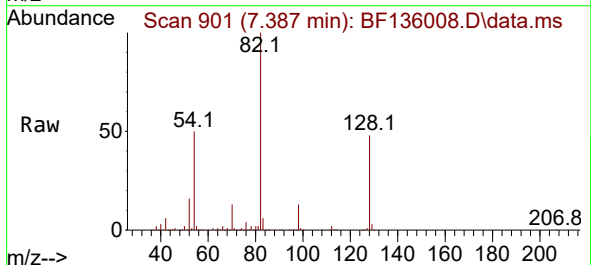
Instrument :
BNA_F
ClientSampleId :
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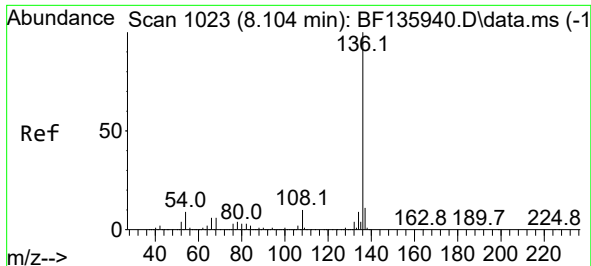
Tgt Ion: 99 Resp: 838863
Ion Ratio Lower Upper
99 100
42 17.0 13.8 20.8
71 31.5 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.427 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion: 70 Resp: 72095
Ion Ratio Lower Upper
70 100
42 45.4 47.3 70.9#
101 0.0 7.8 11.8#
130 2.1 16.9 25.3#

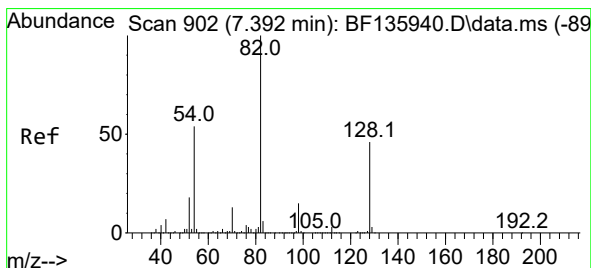
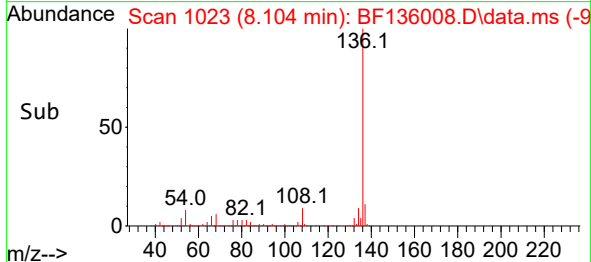
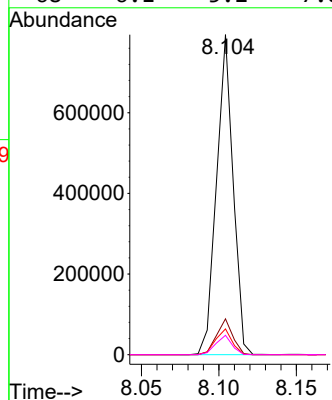
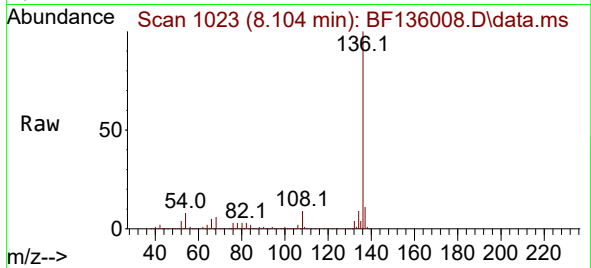




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

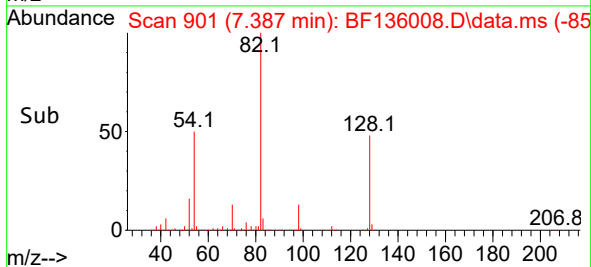
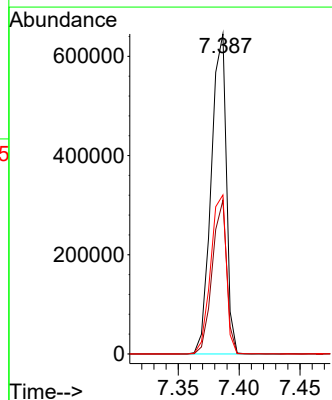
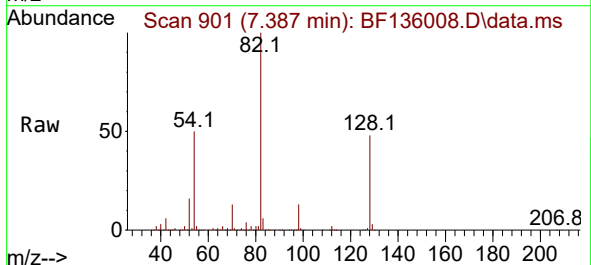
Instrument :
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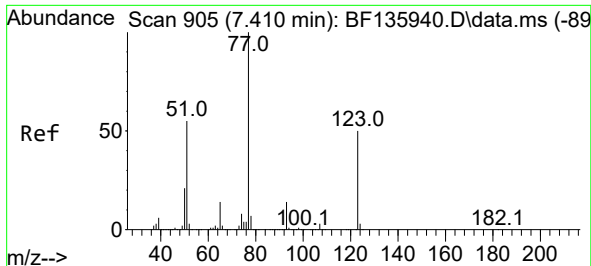
Tgt Ion:	136	Resp:	590340
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	8.1	7.1	10.7
68	6.1	5.2	7.8



#23
Nitrobenzene-d5
Concen: 63.709 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.005 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion:	82	Resp:	557074
Ion Ratio	Lower	Upper	
82	100		
128	48.0	36.8	55.2
54	49.7	43.4	65.0

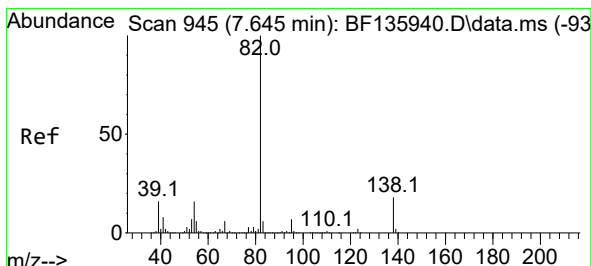
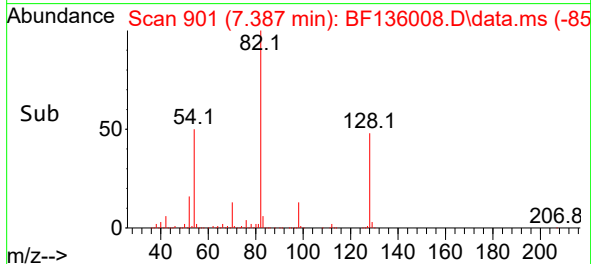
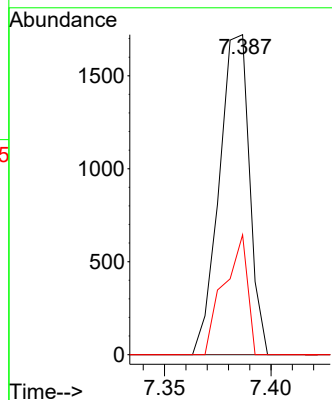
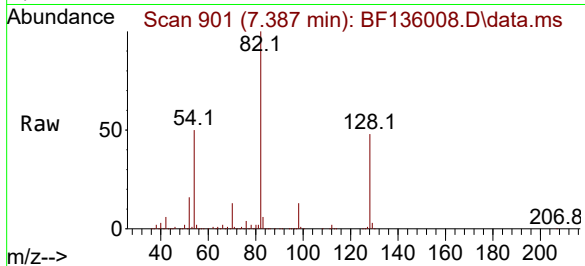




#24
Nitrobenzene
Concen: 2.747 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.023 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

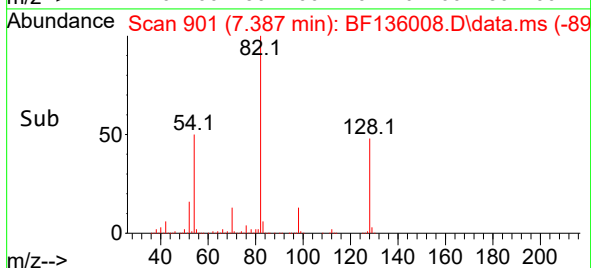
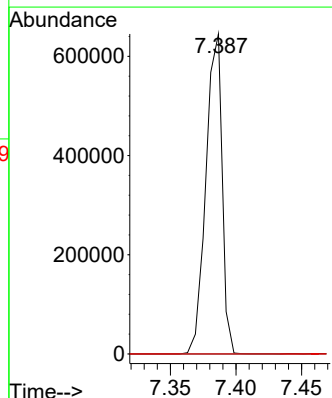
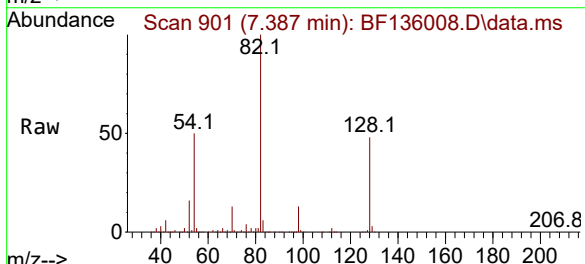
Instrument :
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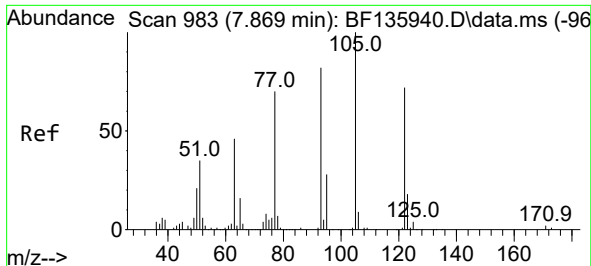
Tgt Ion: 77 Resp: 1703
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 37.4 11.0 16.4#



#25
Isophorone
Concen: 29.853 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion: 82 Resp: 557066
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

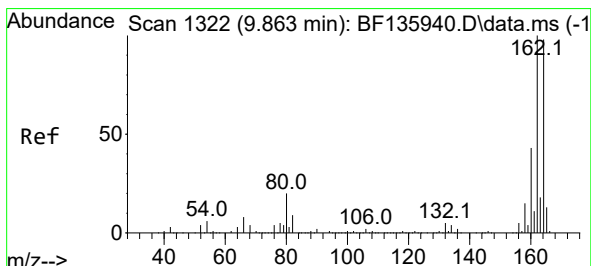
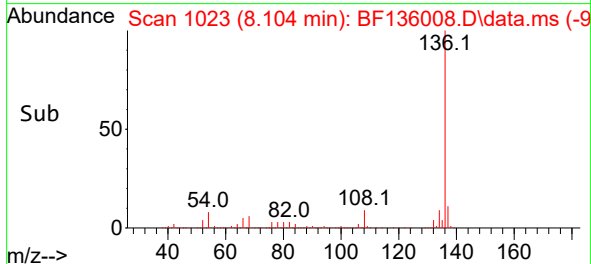
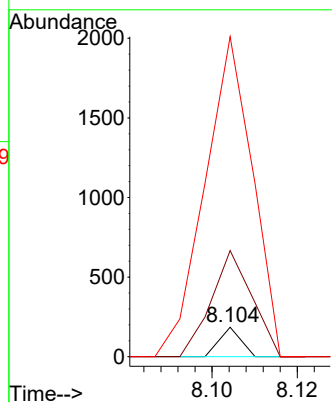
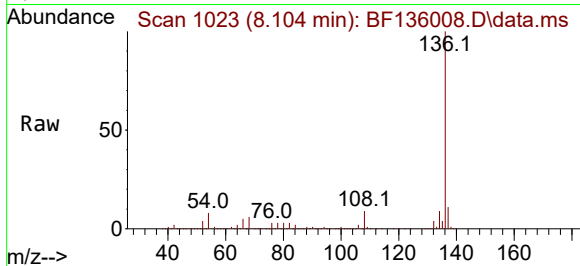




#32
Benzoic acid
Concen: 5.736 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.235 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

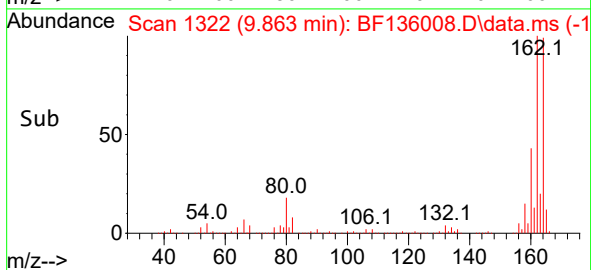
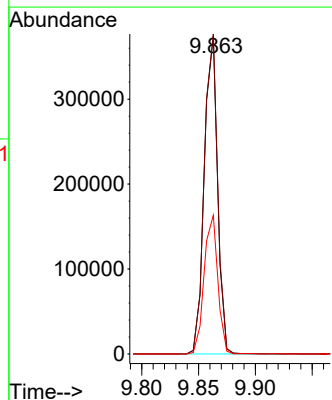
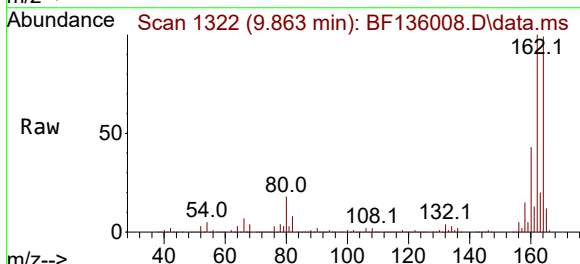
Instrument :
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ClientSampleId :
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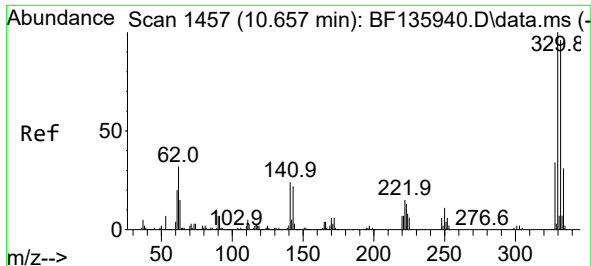
Tgt Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 360.5 113.1 153.1#
77 1086.5 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion:164 Resp: 303864
Ion Ratio Lower Upper
164 100
162 100.7 82.0 123.0
160 43.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 50.746 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF136008.D

Acq: 28 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

BALLARDS

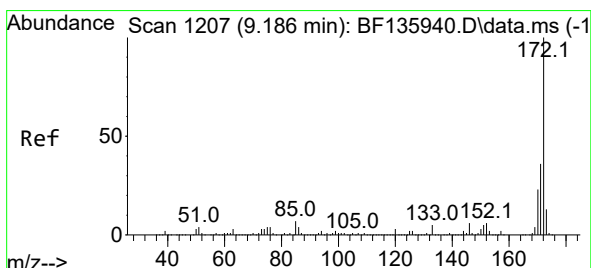
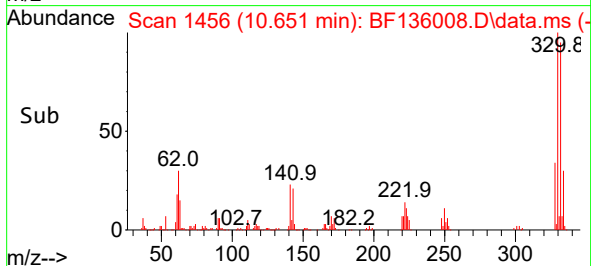
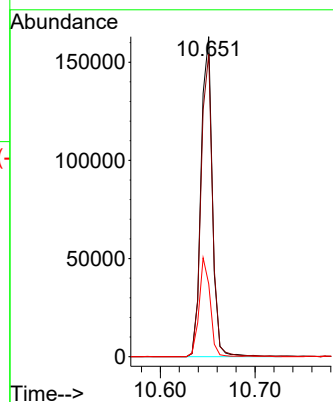
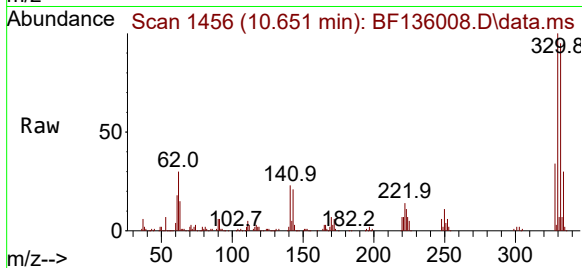
Tgt Ion:330 Resp: 134969

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

141 30.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 56.765 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF136008.D

Acq: 28 Oct 2023 16:37

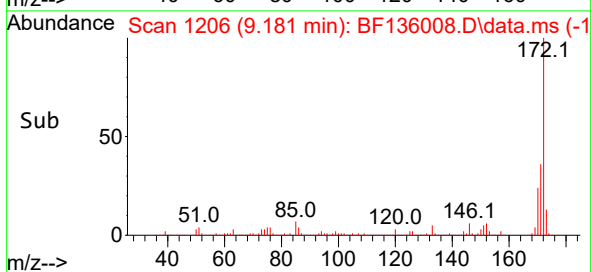
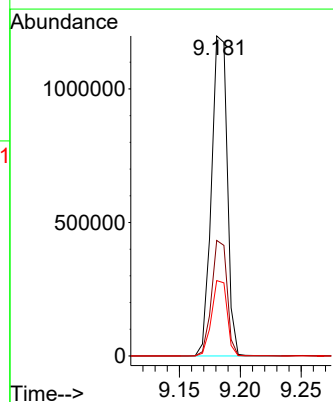
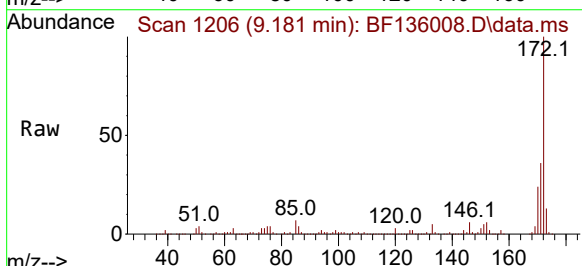
Tgt Ion:172 Resp: 1077216

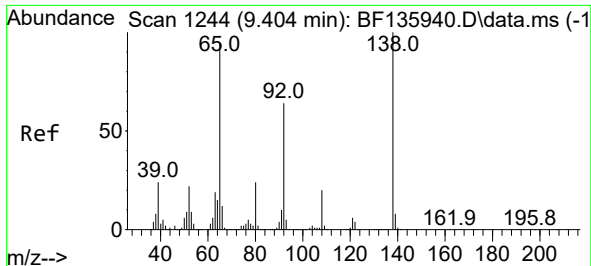
Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.6 18.6 28.0

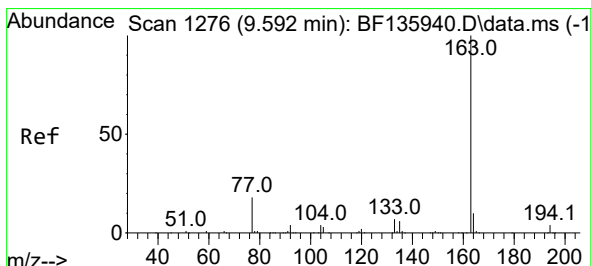
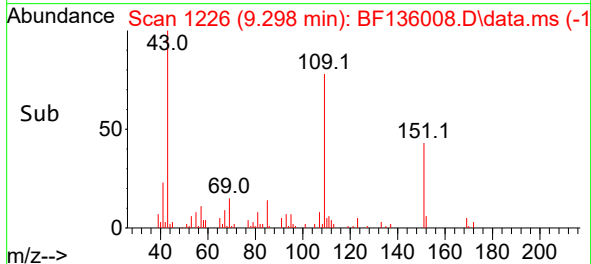
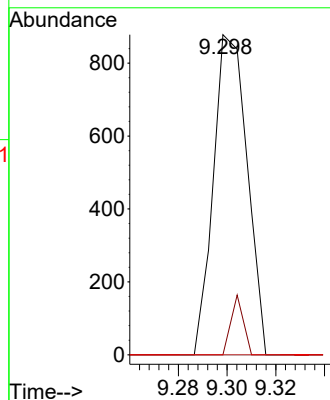
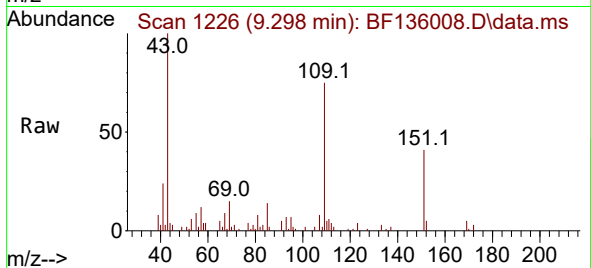




#48
2-Nitroaniline
Concen: 4.403 ng
RT: 9.298 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

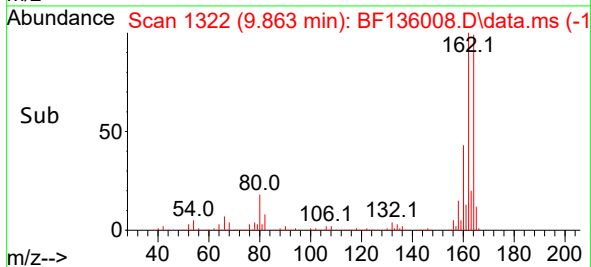
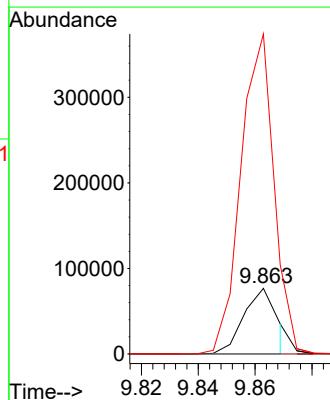
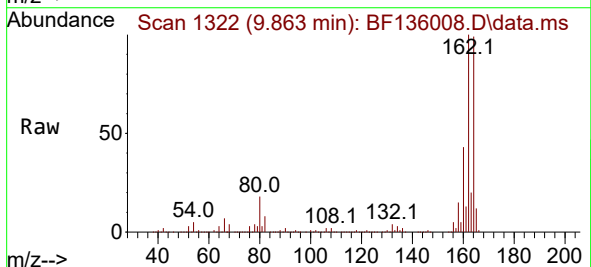
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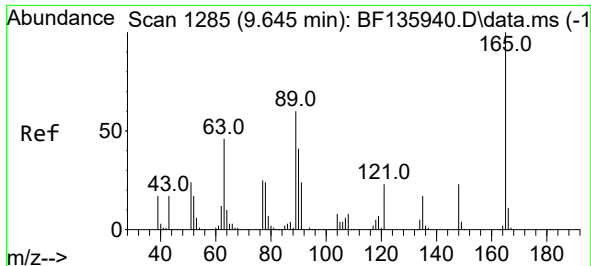
Tgt Ion: 65 Resp: 846
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 85.2 127.8#



#50
Dimethylphthalate
Concen: 3.161 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.271 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion: 163 Resp: 62295
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 487.5 8.3 12.5#





#51

2,6-Dinitrotoluene

Concen: 13.559 ng

RT: 9.863 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF136008.D

Acq: 28 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

BALLARDS

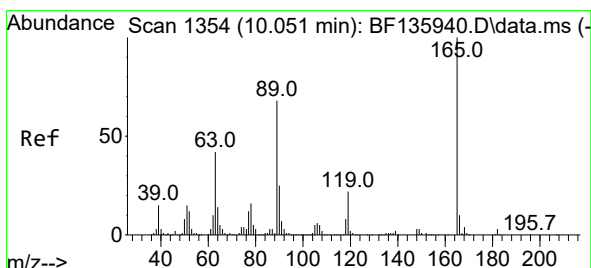
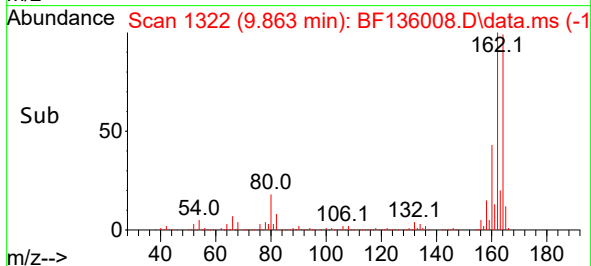
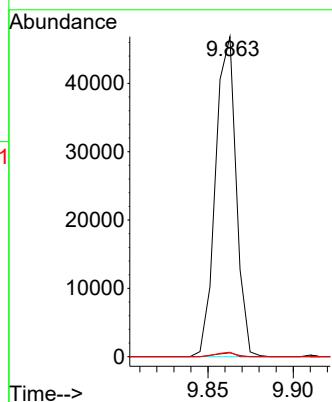
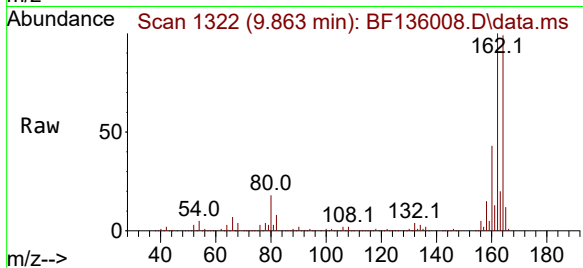
Tgt Ion:165 Resp: 39533

Ion Ratio Lower Upper

165 100

63 1.2 51.7 77.5#

89 1.4 48.3 72.5#



#57

2,4-Dinitrotoluene

Concen: 12.697 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.188 min

Lab File: BF136008.D

Acq: 28 Oct 2023 16:37

Tgt Ion:165 Resp: 39533

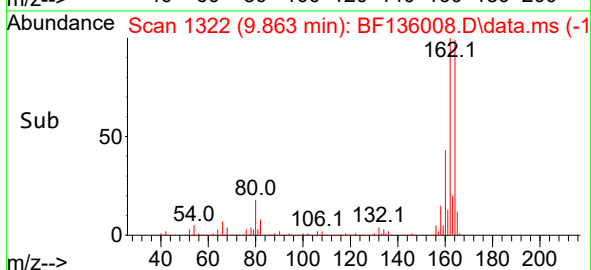
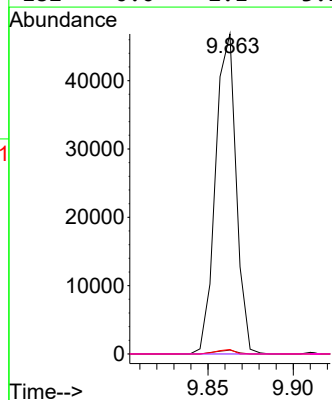
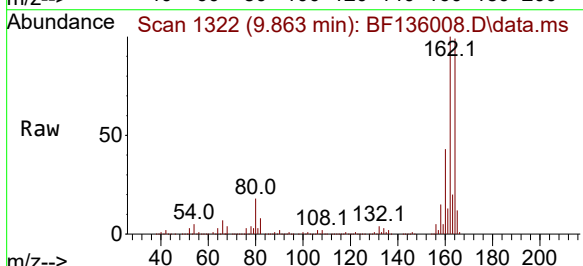
Ion Ratio Lower Upper

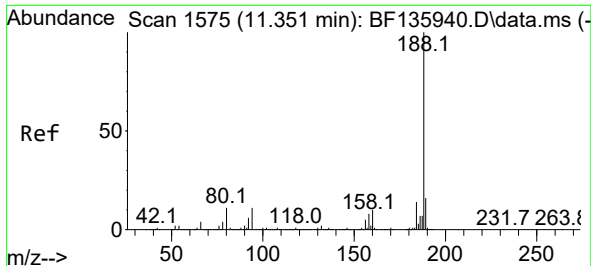
165 100

63 1.2 33.7 50.5#

89 1.4 54.6 81.8#

182 0.0 2.1 3.1#

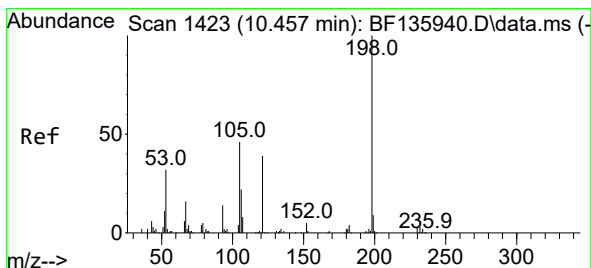
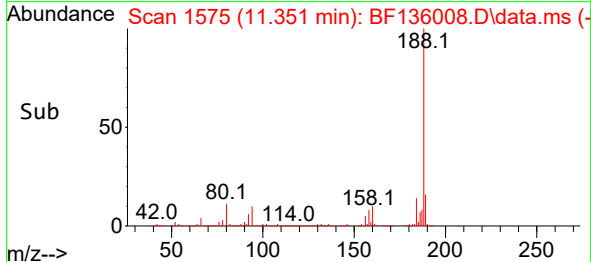
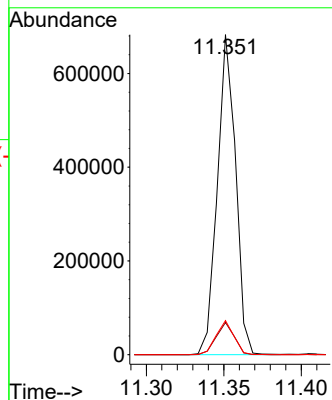
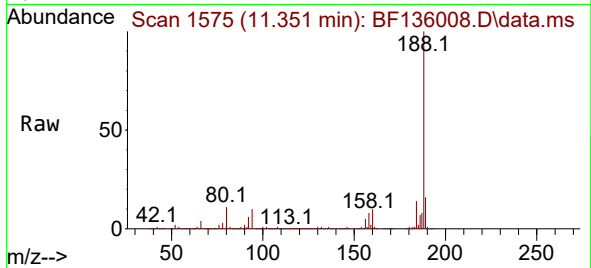




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

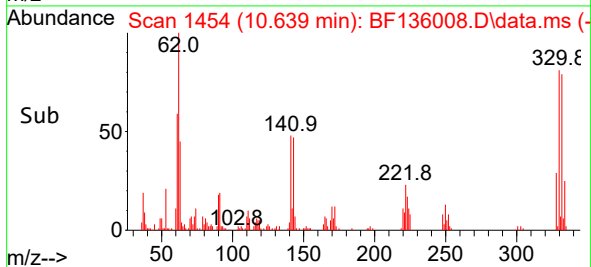
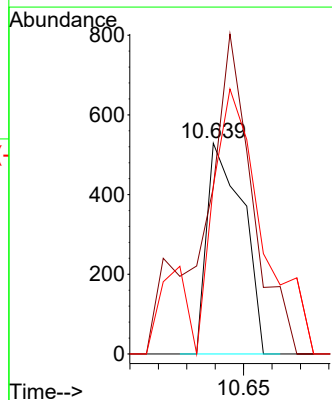
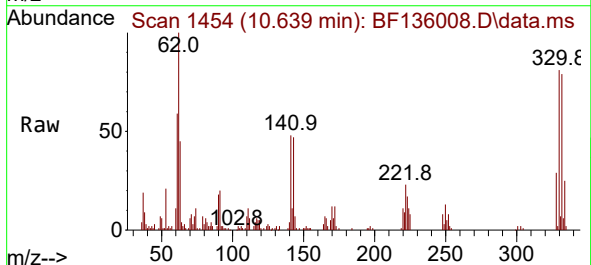
Instrument :
BNA_F
ClientSampleId :
BALLARDS

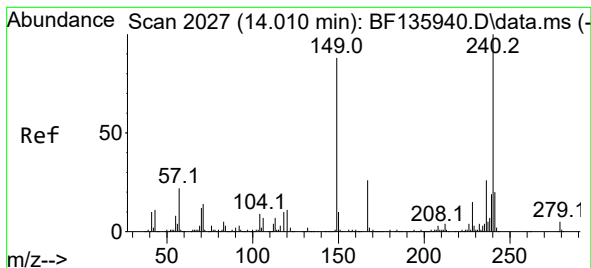
Tgt Ion:188 Resp: 559191
Ion Ratio Lower Upper
188 100
94 10.1 8.6 13.0
80 10.7 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.244 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.182 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion:198 Resp: 466
Ion Ratio Lower Upper
198 100
51 79.0 28.7 68.7#
105 79.8 27.2 67.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136008.D

Acq: 28 Oct 2023 16:37

Instrument :

BNA_F

ClientSampleId :

BALLARDS

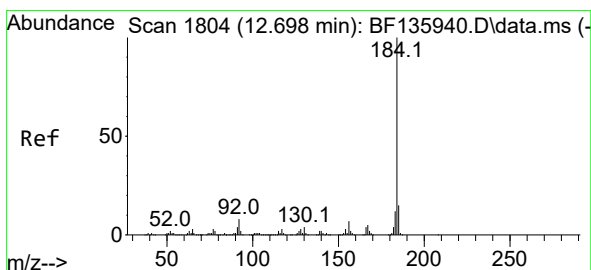
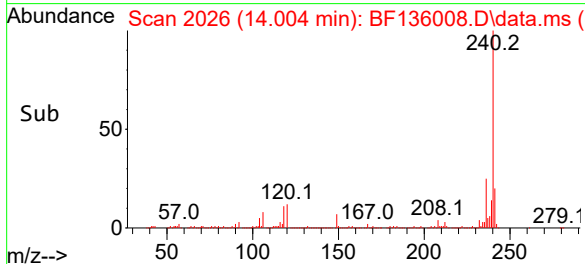
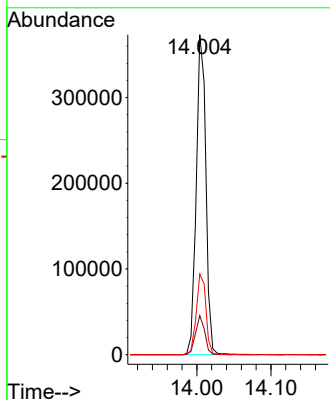
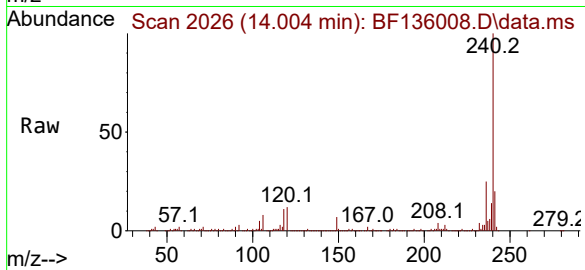
Tgt Ion:240 Resp: 335600

Ion Ratio Lower Upper

240 100

120 12.2 8.6 13.0

236 25.2 20.6 30.8



#77

Benidine

Concen: 2.304 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.253 min

Lab File: BF136008.D

Acq: 28 Oct 2023 16:37

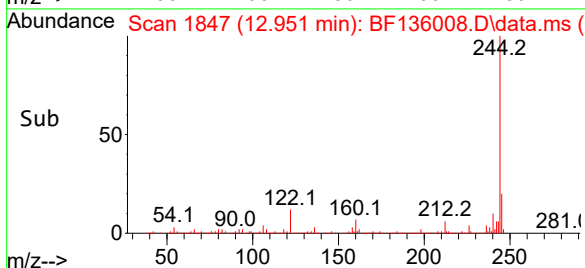
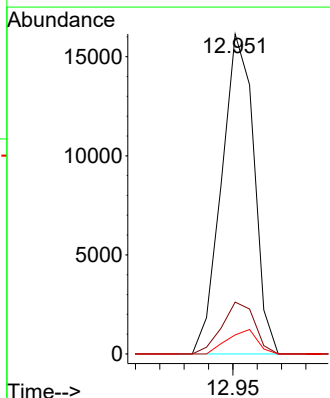
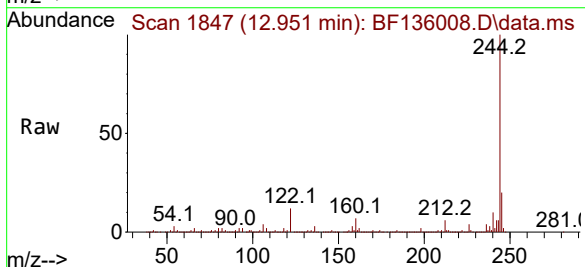
Tgt Ion:184 Resp: 14911

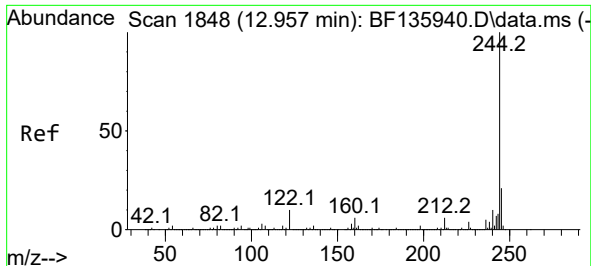
Ion Ratio Lower Upper

184 100

185 16.2 11.7 17.5

183 6.0 9.2 13.8#

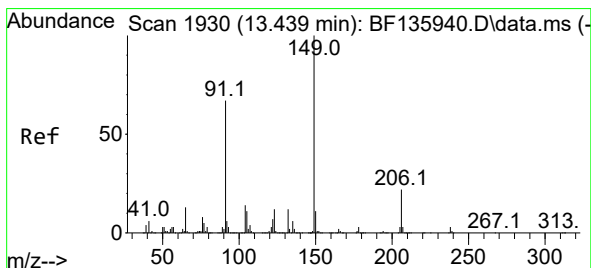
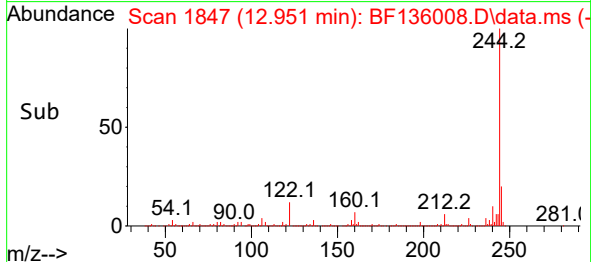
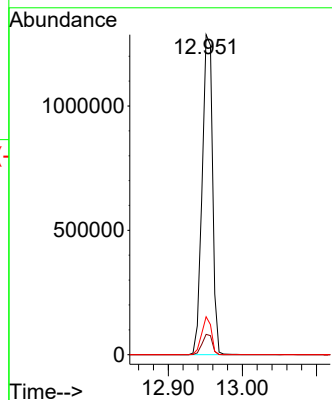
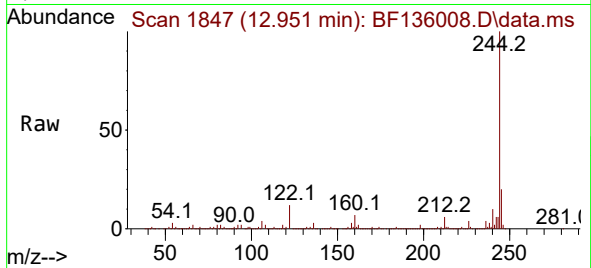




#79
 Terphenyl-d14
 Concen: 62.223 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136008.D
 Acq: 28 Oct 2023 16:37

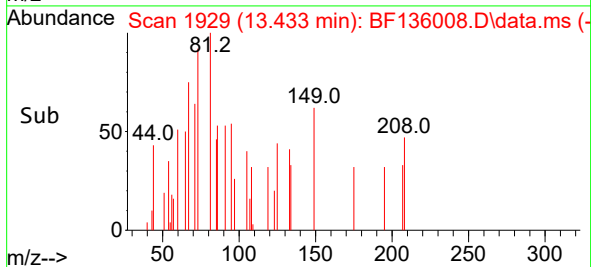
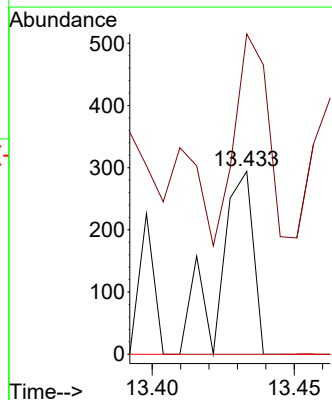
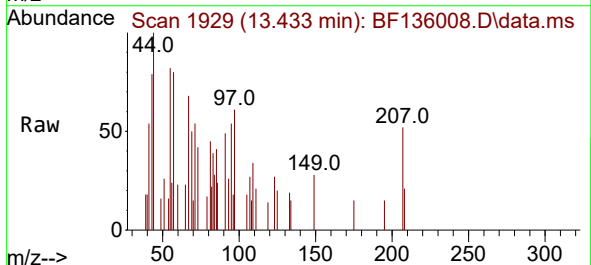
Instrument :
 BNA_F
 ClientSampleId :
 BALLARDS

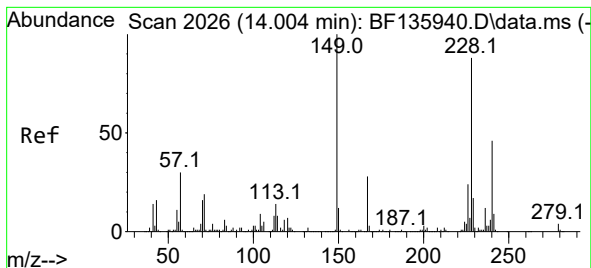
Tgt Ion:244 Resp: 1249850
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 11.9 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.848 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF136008.D
 Acq: 28 Oct 2023 16:37

Tgt Ion:149 Resp: 248
 Ion Ratio Lower Upper
 149 100
 91 175.2 53.4 80.0#
 206 0.0 17.5 26.3#

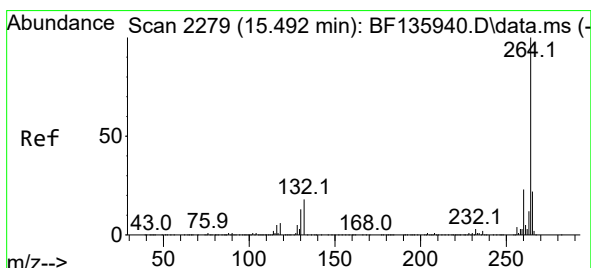
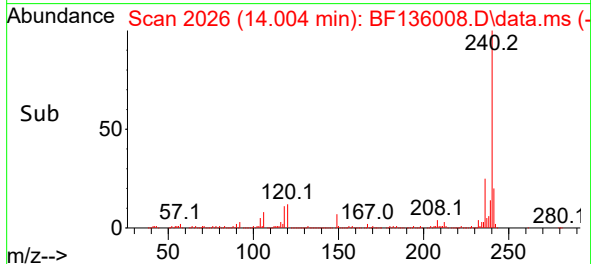
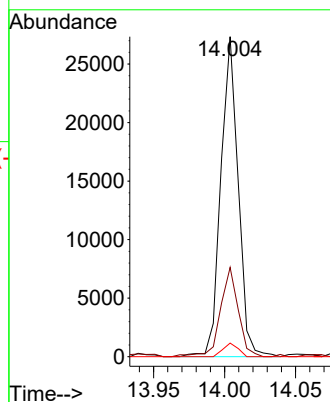
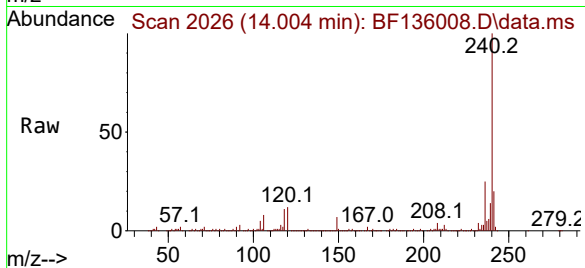




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.004 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

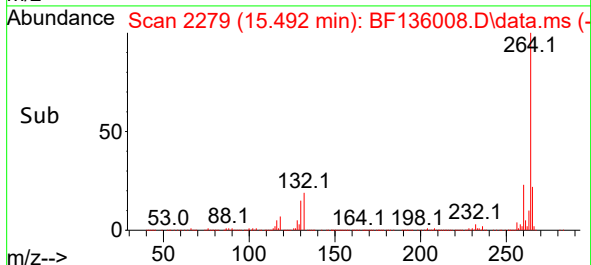
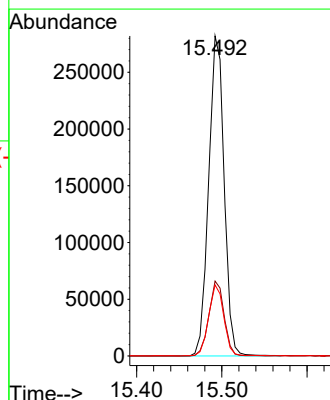
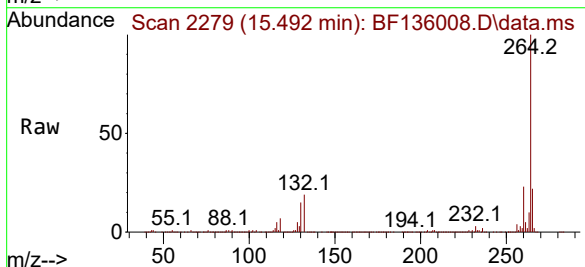
Instrument :
BNA_F
ClientSampleId :
BALLARDS

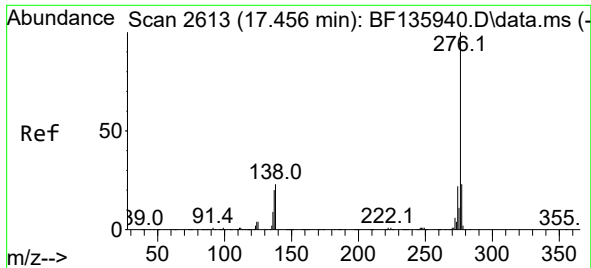
Tgt Ion:149 Resp: 23223
Ion Ratio Lower Upper
149 100
167 27.9 22.2 33.2
279 4.3 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Tgt Ion:264 Resp: 356029
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.2 17.3 25.9





#92
Benzo(g,h,i)perylene
Concen: 3.856 ng
RT: 17.445 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BF136008.D
Acq: 28 Oct 2023 16:37

Instrument :
BNA_F
ClientSampleId :
BALLARDS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.0	18.6	28.0
138	59.3	18.4	27.6#

