

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136010.D
 Acq On : 28 Oct 2023 17:39
 Operator : CG\JU
 Sample : 05051-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1A

Quant Time: Oct 30 00:27:41 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

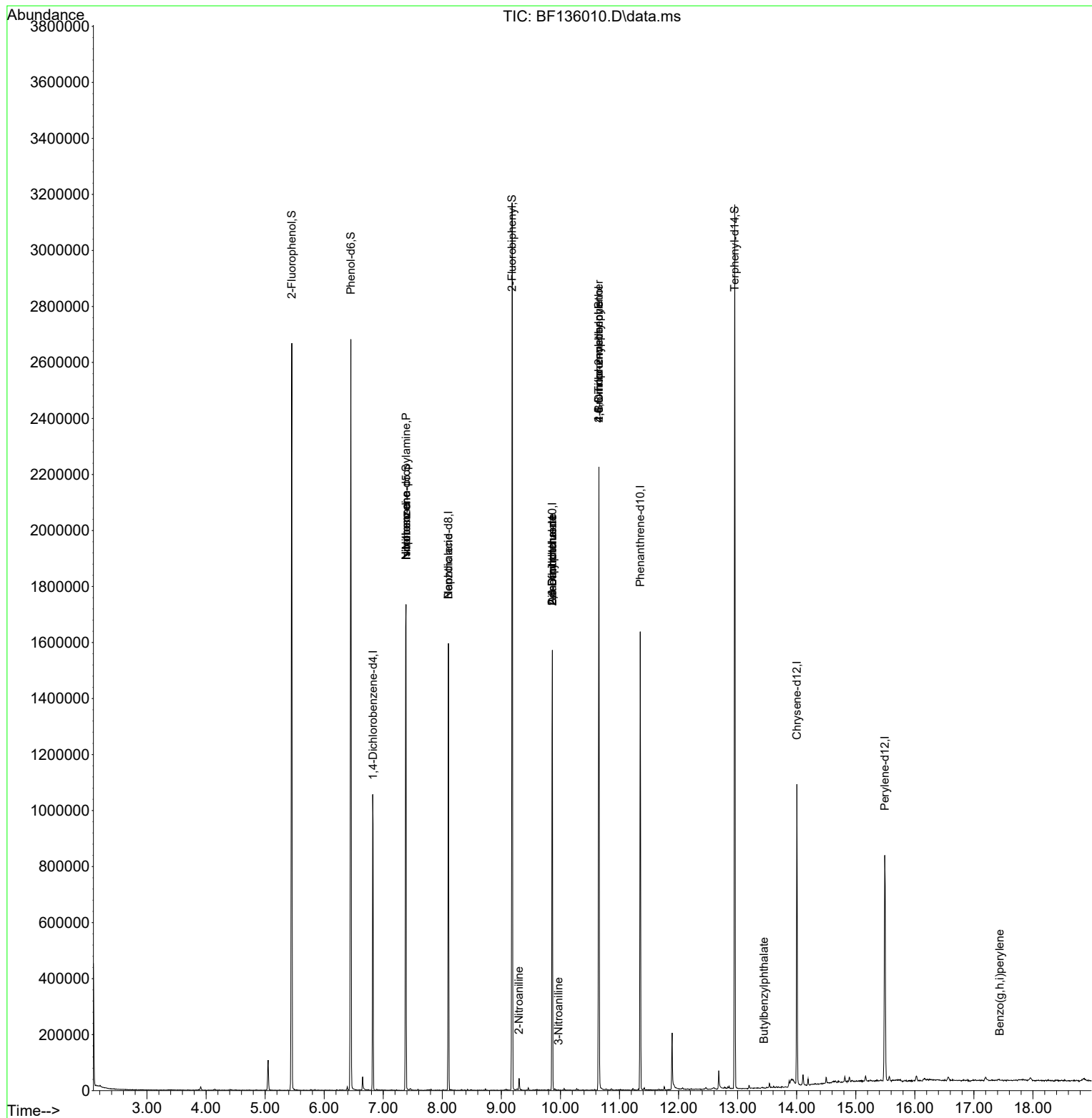
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	152716	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	596647	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	298937	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	544893	20.000	ng	0.00
76) Chrysene-d12	14.004	240	333100	20.000	ng	0.00
86) Perylene-d12	15.492	264	356951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	751463	75.983	ng	0.00
7) Phenol-d6	6.451	99	928368	75.400	ng	0.00
23) Nitrobenzene-d5	7.387	82	532271	60.763	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	249682	95.423	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	970082	51.962	ng	0.00
79) Terphenyl-d14	12.951	244	1047985	52.565	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	69065	9.864	ng	# 76
24) Nitrobenzene	7.387	77	1646	2.739	ng	# 26
25) Isophorone	7.387	82	532264	28.223	ng	# 64
32) Benzoic acid	8.104	122	145	5.767	ng	# 1
48) 2-Nitroaniline	9.298	65	413	4.305	ng	# 4
50) Dimethylphthalate	9.863	163	62525	3.225	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	38010	13.362	ng	# 20
53) 3-Nitroaniline	9.969	138	64	4.574	ng	# 1
57) 2,4-Dinitrotoluene	9.863	165	38010	12.541	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.651	198	574	7.331	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	15415	2.762	ng	# 1
80) Butylbenzylphthalate	13.445	149	54	3.832	ng	# 1
92) Benzo(g,h,i)perylene	17.439	276	866	3.798	ng	# 41

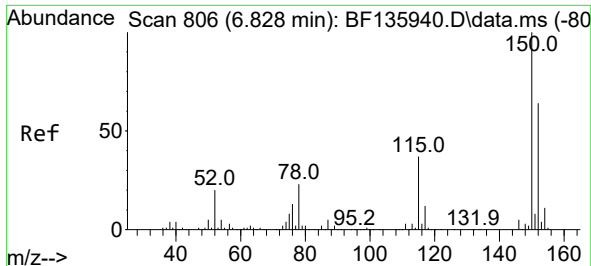
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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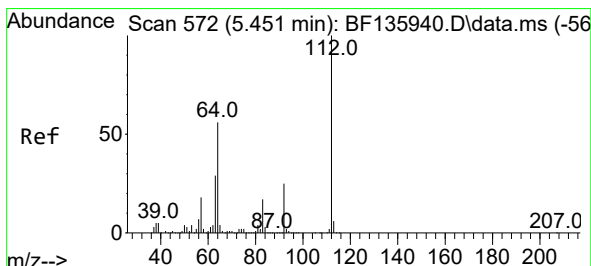
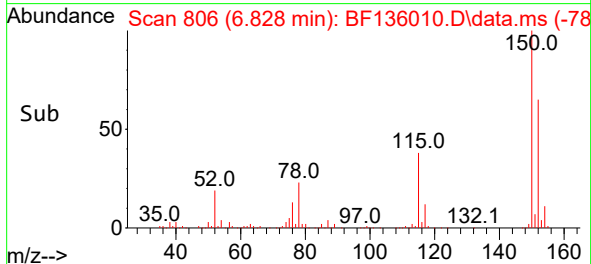
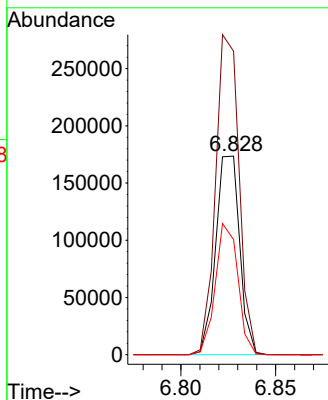
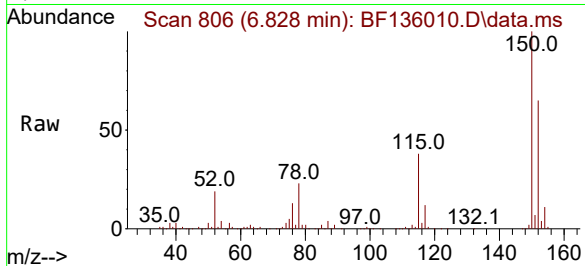




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

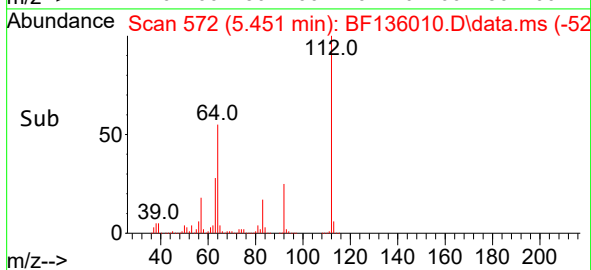
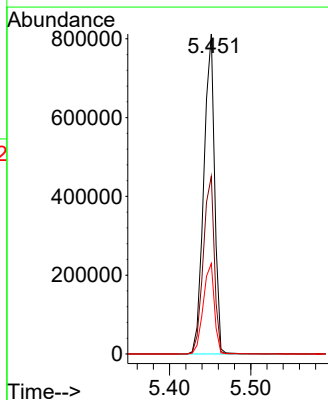
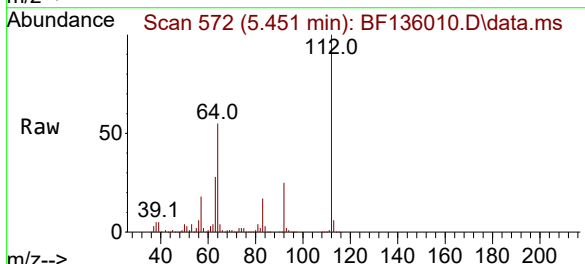
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-1A

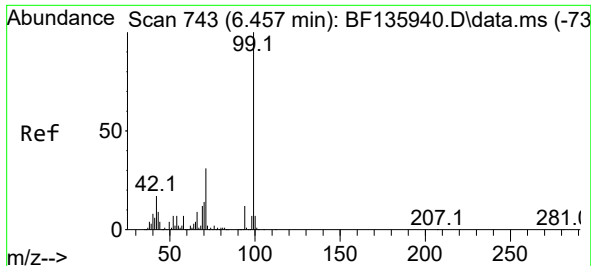
Tgt Ion:152 Resp: 152716
Ion Ratio Lower Upper
152 100
150 152.9 124.6 186.8
115 58.0 46.6 69.8



#5
2-Fluorophenol
Concen: 75.983 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion:112 Resp: 751463
Ion Ratio Lower Upper
112 100
64 55.5 45.1 67.7
63 28.3 23.0 34.4

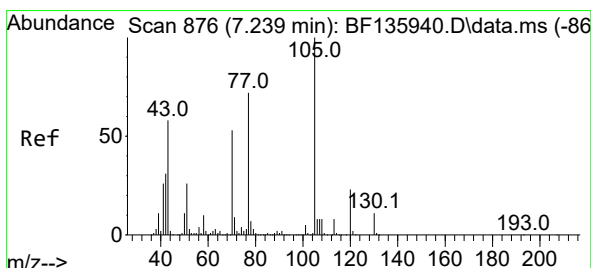
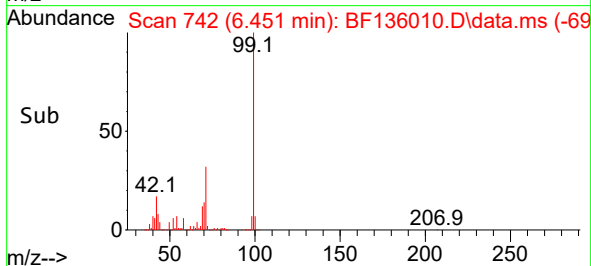
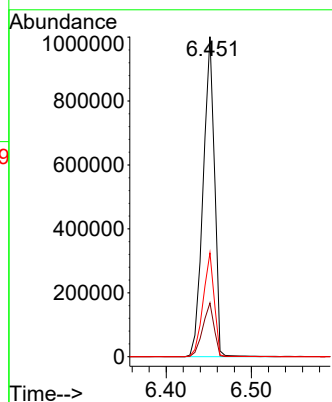
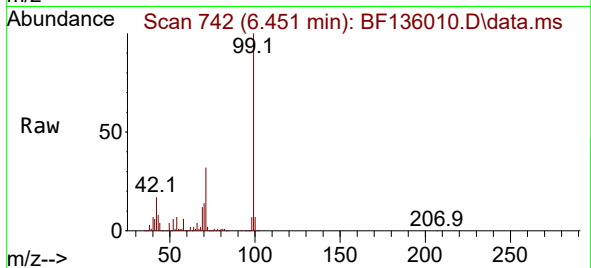




#7
Phenol-d6
Concen: 75.400 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

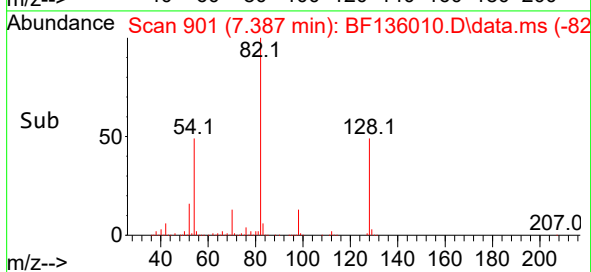
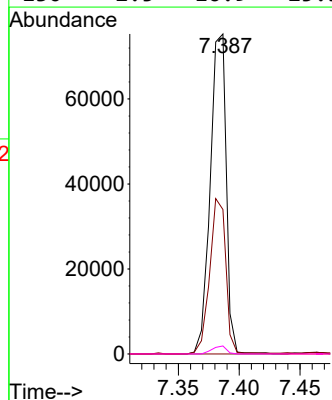
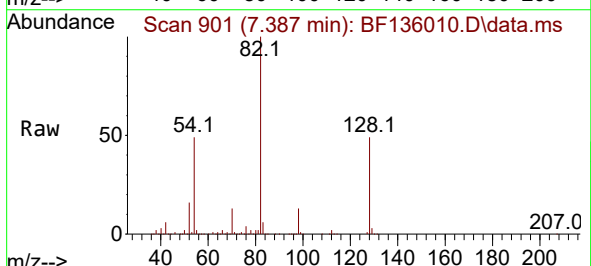
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-1A

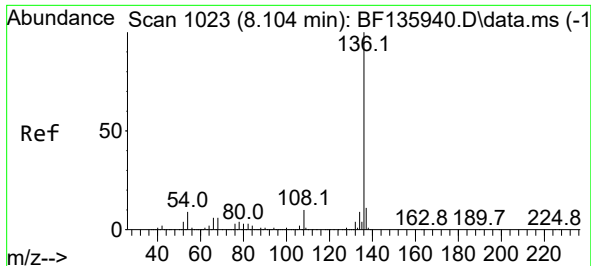
Tgt Ion: 99 Resp: 928368
Ion Ratio Lower Upper
99 100
42 16.8 13.8 20.8
71 32.4 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.864 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion: 70 Resp: 69065
Ion Ratio Lower Upper
70 100
42 45.1 47.3 70.9#
101 0.0 7.8 11.8#
130 2.5 16.9 25.3#

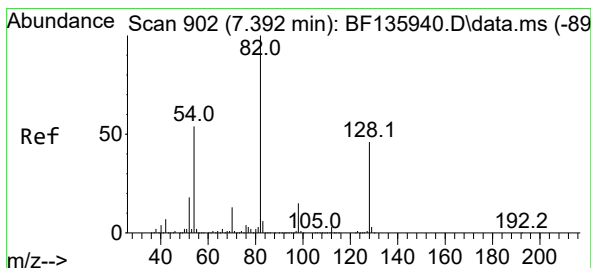
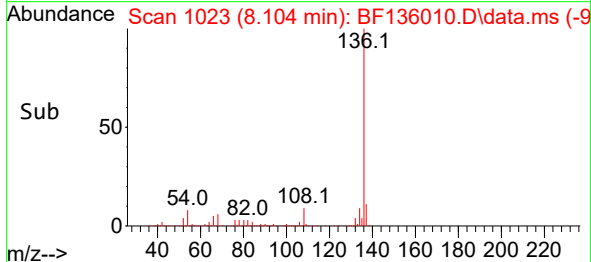
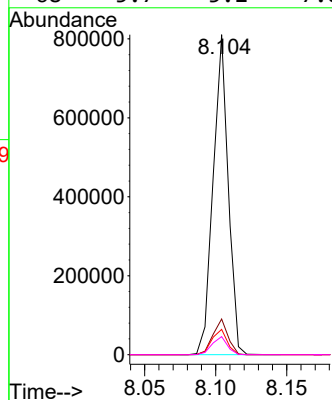
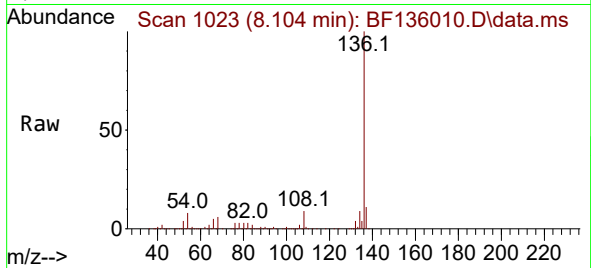




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

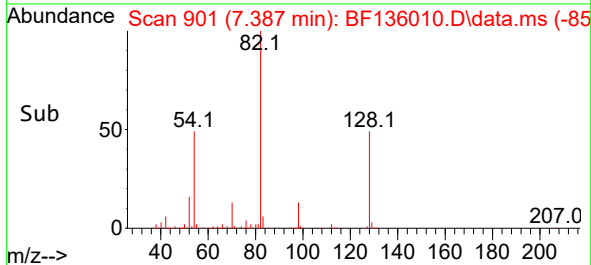
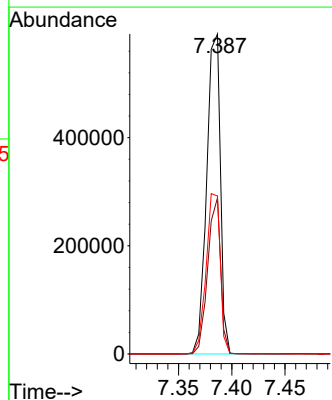
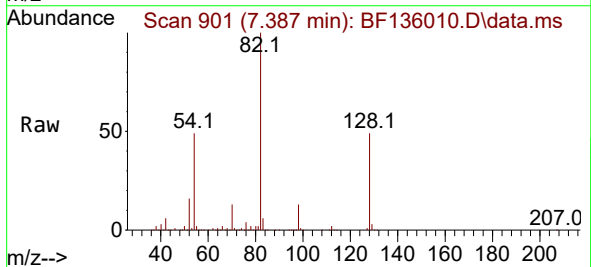
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ClientSampleId :
DUCT-BANK-1A

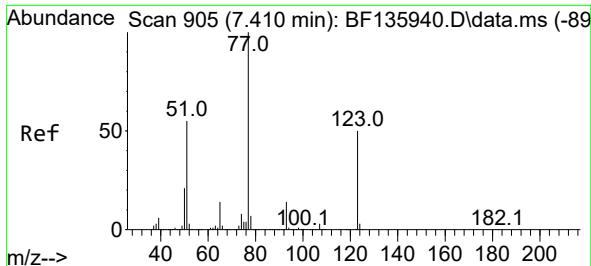
Tgt Ion:	136	Resp:	596647
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	7.9	7.1	10.7
68	5.7	5.2	7.8



#23
Nitrobenzene-d5
Concen: 60.763 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.005 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion:	82	Resp:	532271
Ion	Ratio	Lower	Upper
82	100		
128	48.8	36.8	55.2
54	49.3	43.4	65.0

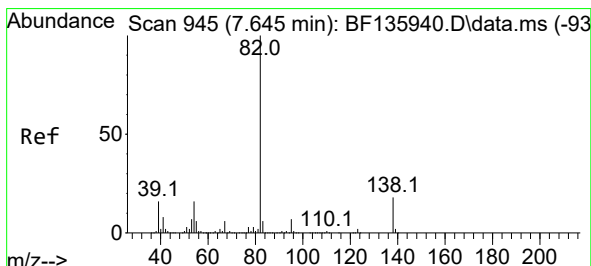
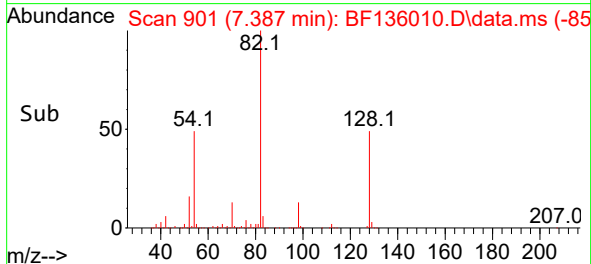
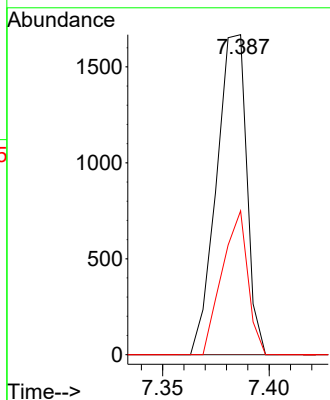
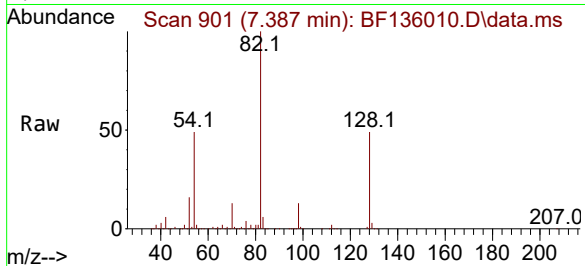




#24
Nitrobenzene
Concen: 2.739 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.023 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

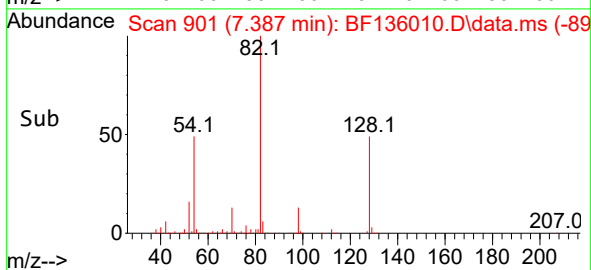
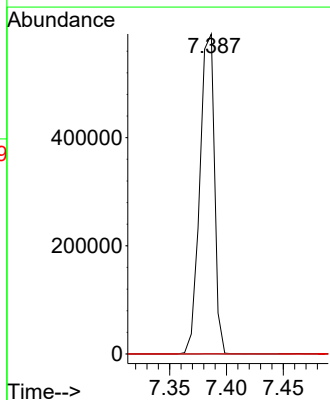
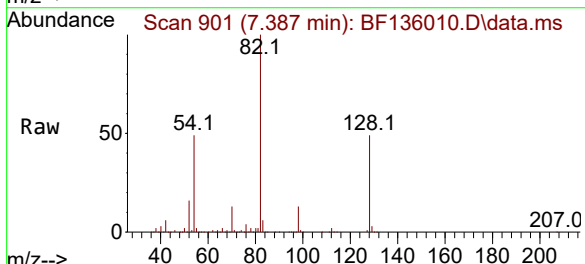
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ClientSampleId :
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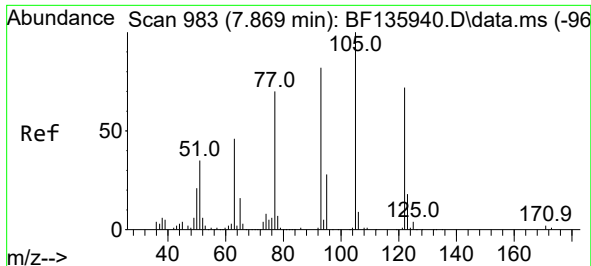
Tgt Ion: 77 Resp: 1646
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 45.0 11.0 16.4#



#25
Isophorone
Concen: 28.223 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion: 82 Resp: 532264
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.8 22.2#

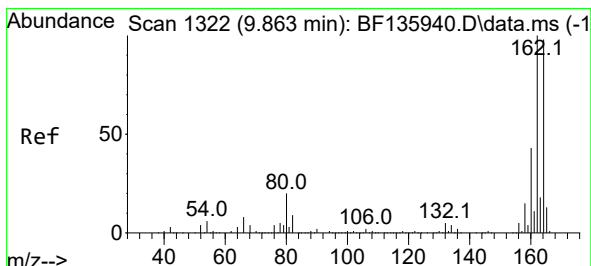
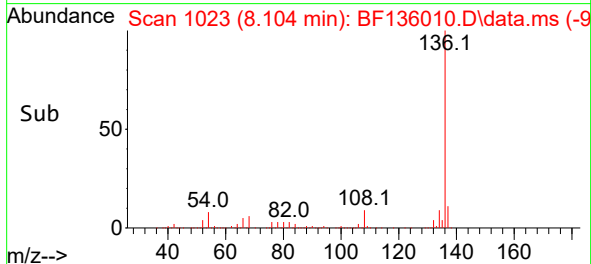
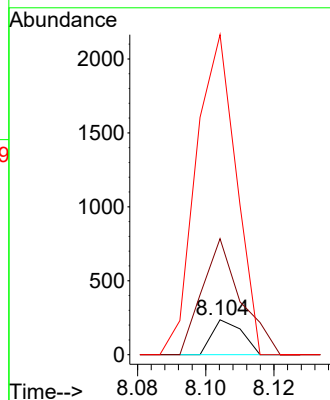
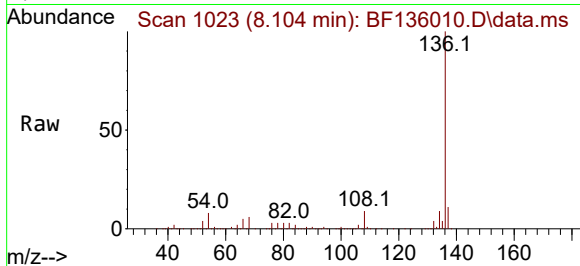




#32
Benzoic acid
Concen: 5.767 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.235 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

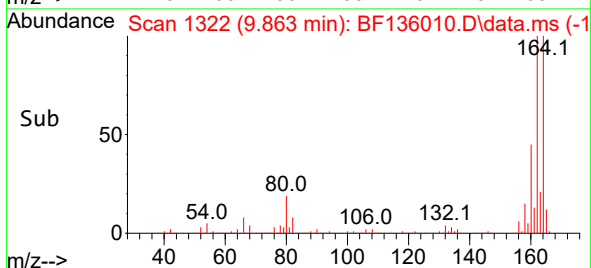
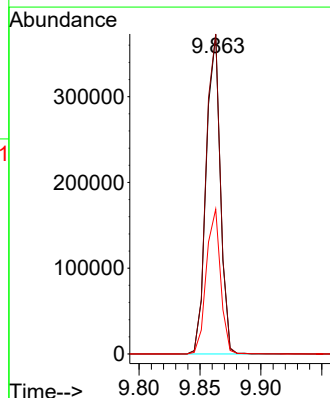
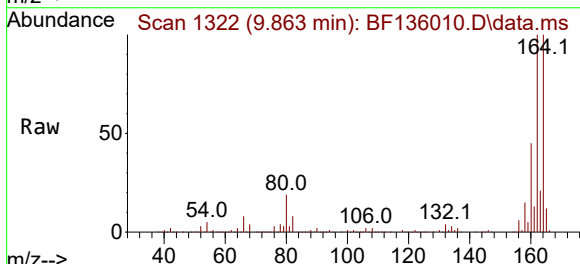
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ClientSampleId :
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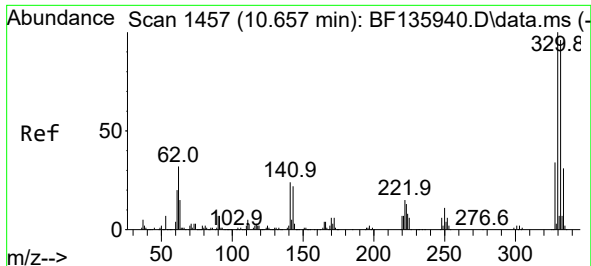
Tgt Ion:122 Resp: 145
Ion Ratio Lower Upper
122 100
105 332.2 113.1 153.1#
77 916.9 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion:164 Resp: 298937
Ion Ratio Lower Upper
164 100
162 100.2 82.0 123.0
160 45.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 95.423 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136010.D

Acq: 28 Oct 2023 17:39

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-1A

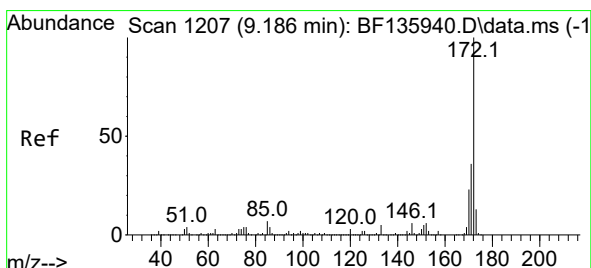
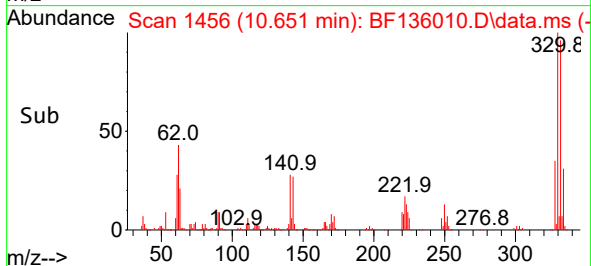
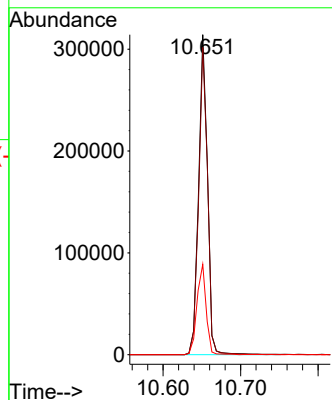
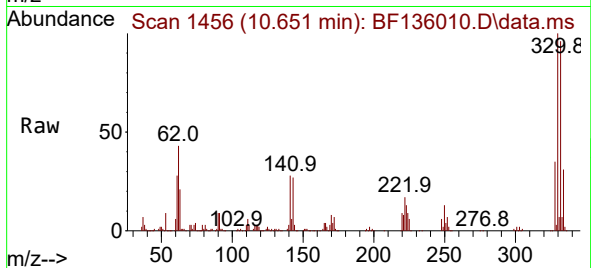
Tgt Ion:330 Resp: 249682

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 29.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 51.962 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF136010.D

Acq: 28 Oct 2023 17:39

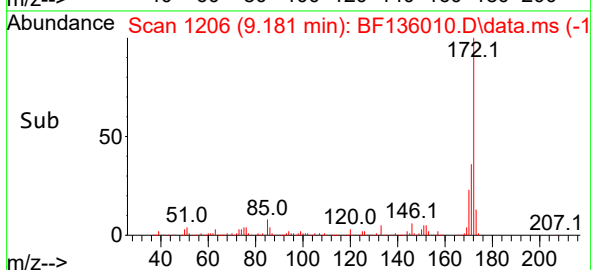
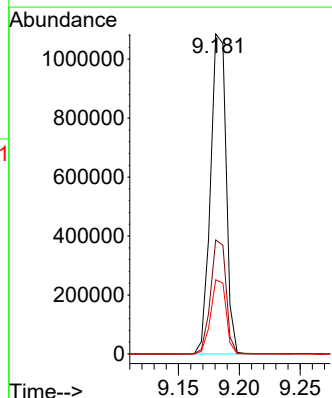
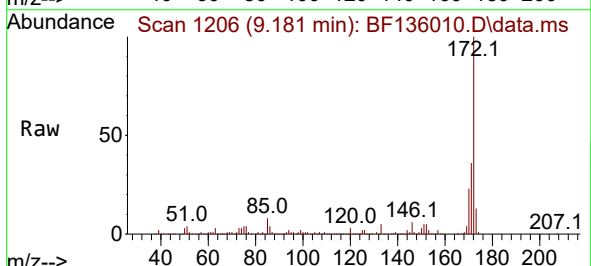
Tgt Ion:172 Resp: 970082

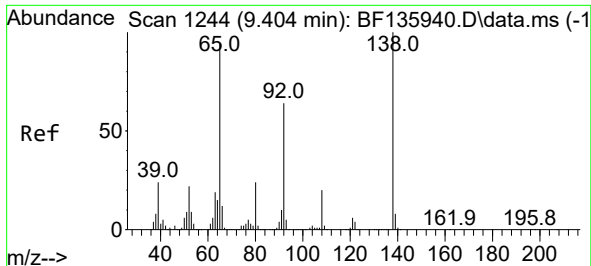
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.2 18.6 28.0

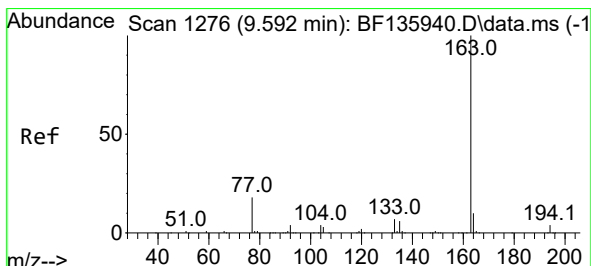
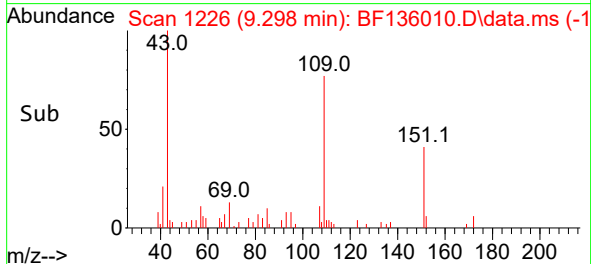
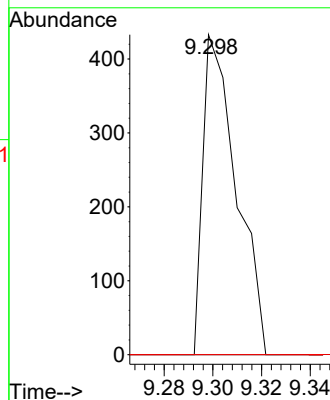
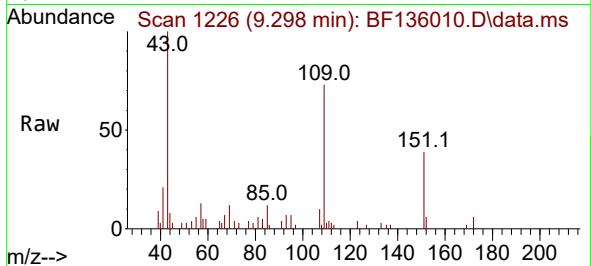




#48
2-Nitroaniline
Concen: 4.305 ng
RT: 9.298 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

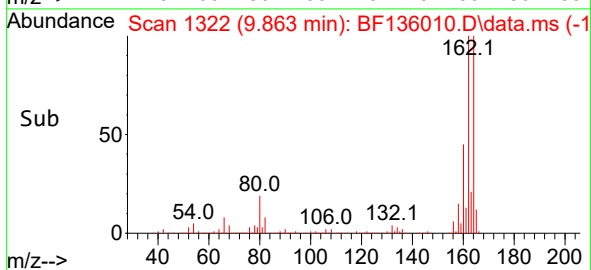
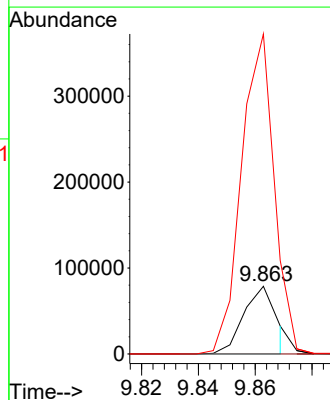
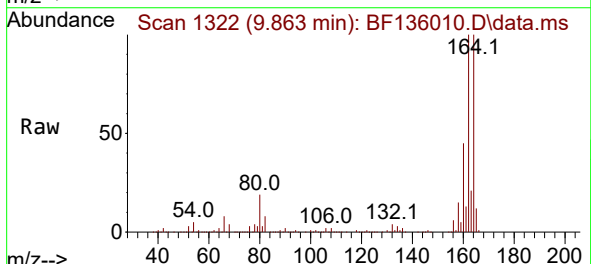
Instrument :
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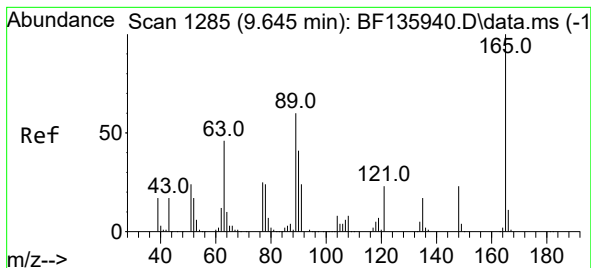
Tgt Ion: 65 Resp: 413
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 85.2 127.8#



#50
Dimethylphthalate
Concen: 3.225 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.271 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion: 163 Resp: 62525
Ion Ratio Lower Upper
163 100
194 0.0 3.4 5.0#
164 473.1 8.3 12.5#





#51

2,6-Dinitrotoluene

Concen: 13.362 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF136010.D

Acq: 28 Oct 2023 17:39

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-1A

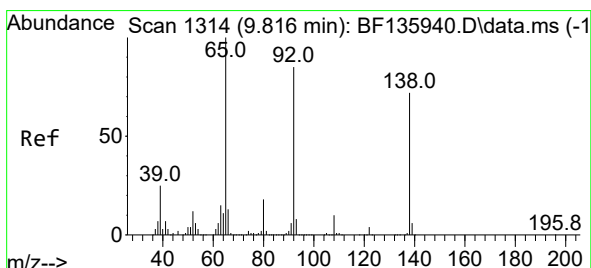
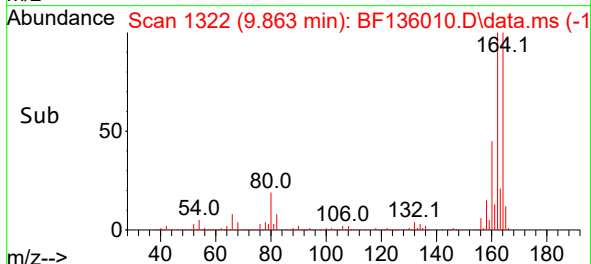
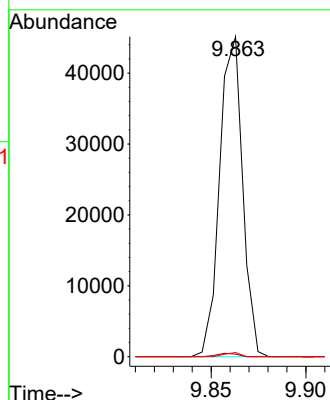
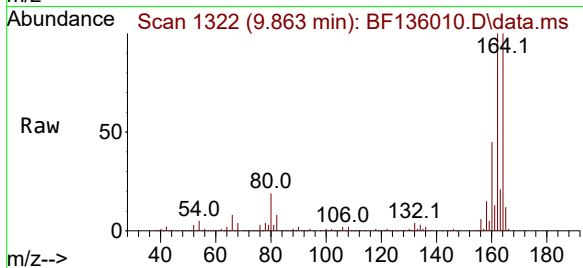
Tgt Ion:165 Resp: 38010

Ion Ratio Lower Upper

165 100

63 0.8 51.7 77.5#

89 1.3 48.3 72.5#



#53

3-Nitroaniline

Concen: 4.574 ng

RT: 9.969 min Scan# 1340

Delta R.T. 0.153 min

Lab File: BF136010.D

Acq: 28 Oct 2023 17:39

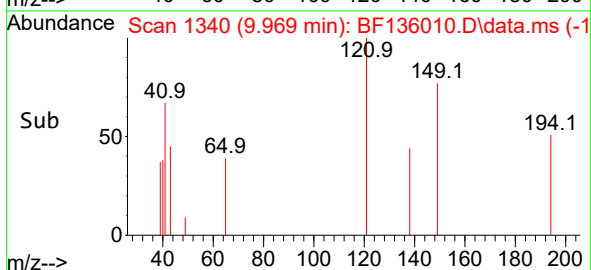
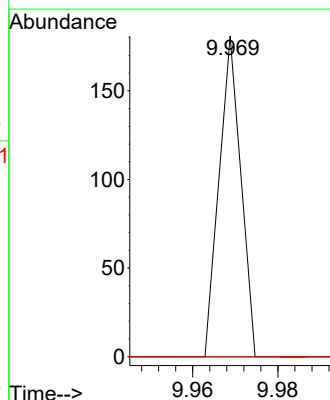
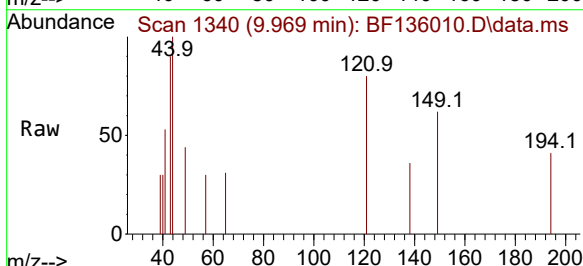
Tgt Ion:138 Resp: 64

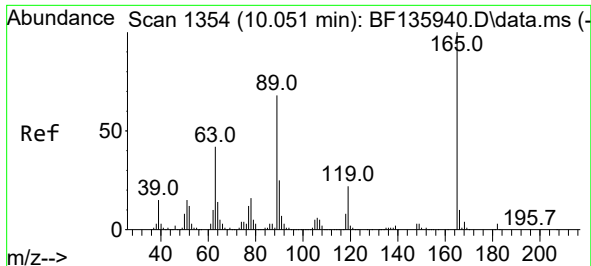
Ion Ratio Lower Upper

138 100

108 0.0 11.3 16.9#

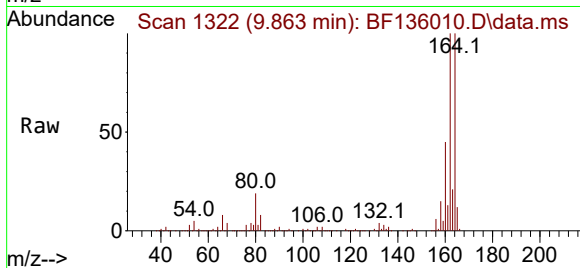
92 0.0 95.0 142.6#



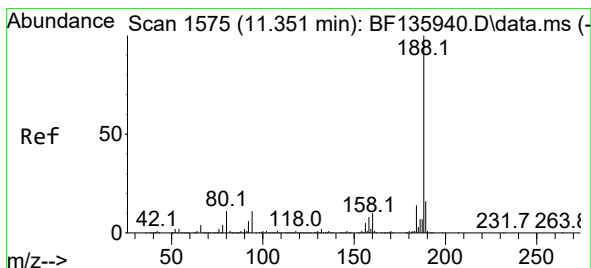
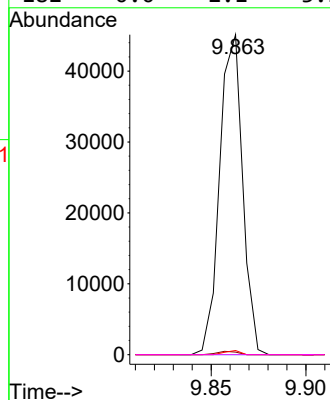
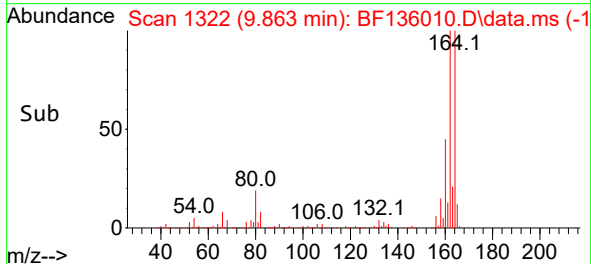


#57
2,4-Dinitrotoluene
Concen: 12.541 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

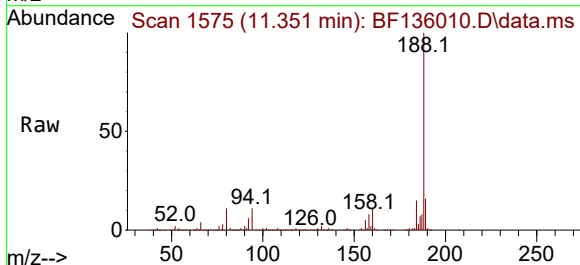
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-1A



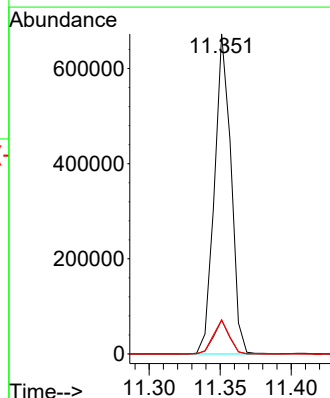
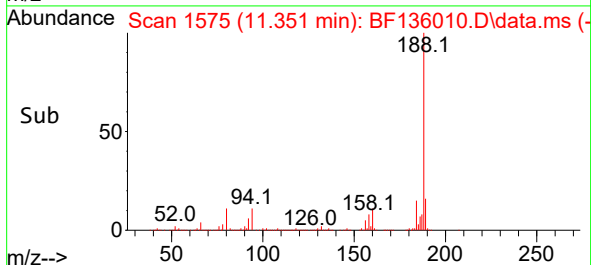
Tgt Ion:165 Resp: 38010
Ion Ratio Lower Upper
165 100
63 0.8 33.7 50.5#
89 1.3 54.6 81.8#
182 0.0 2.1 3.1#

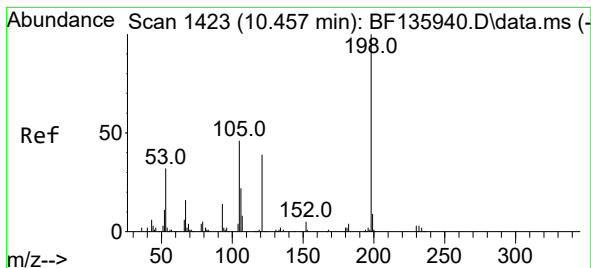


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39



Tgt Ion:188 Resp: 544893
Ion Ratio Lower Upper
188 100
94 10.5 8.6 13.0
80 10.7 9.0 13.6

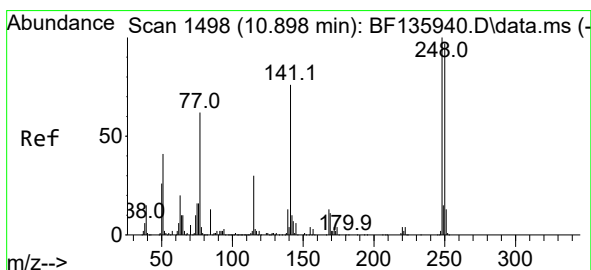
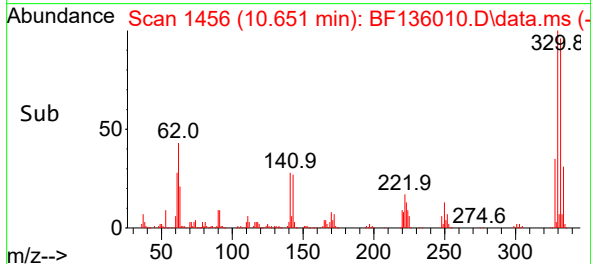
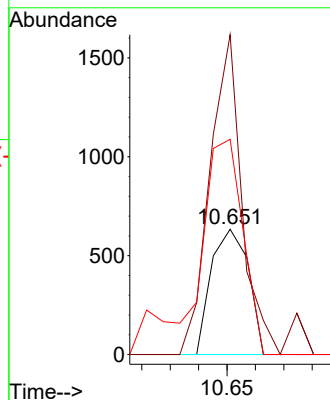
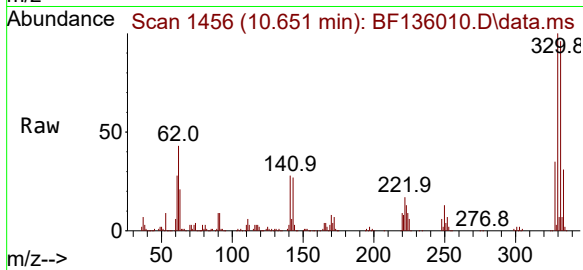




#65
4,6-Dinitro-2-methylphenol
Concen: 7.331 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.194 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

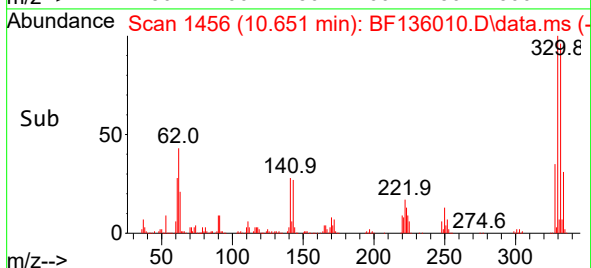
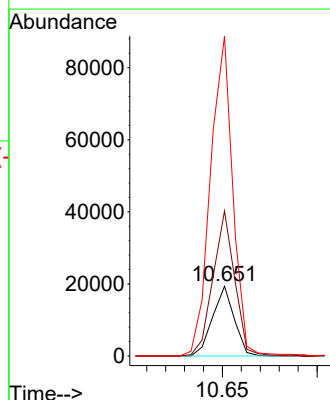
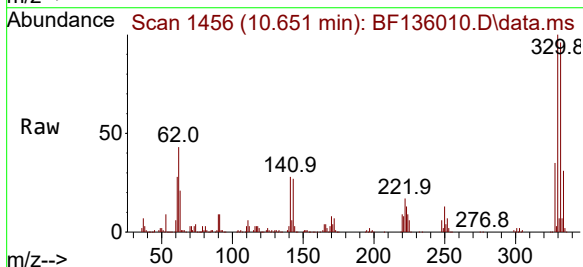
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-1A

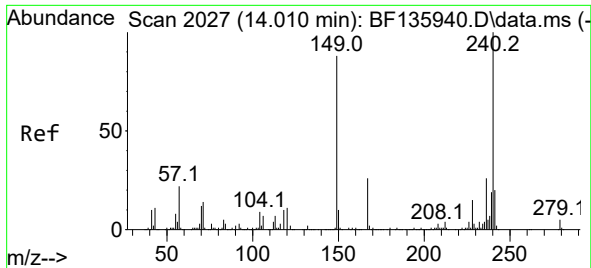
Tgt Ion:198 Resp: 574
Ion Ratio Lower Upper
198 100
51 255.0 28.7 68.7#
105 171.6 27.2 67.2#



#67
4-Bromophenyl-phenylether
Concen: 2.762 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.247 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion:248 Resp: 15415
Ion Ratio Lower Upper
248 100
250 207.6 77.9 116.9#
141 458.3 60.8 91.2#

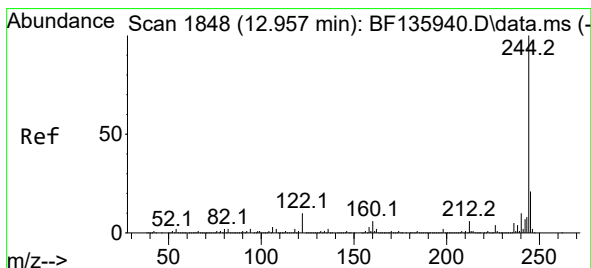
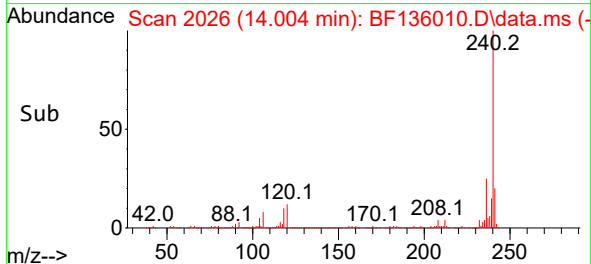
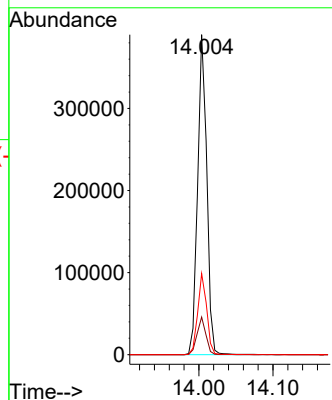
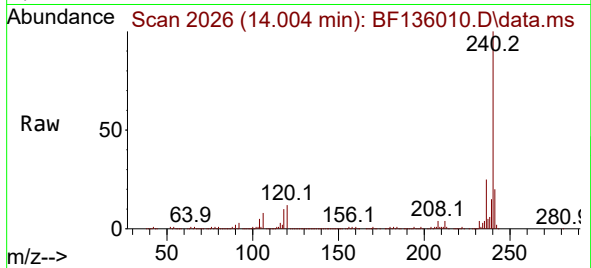




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

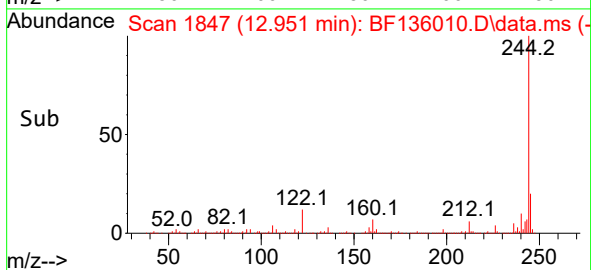
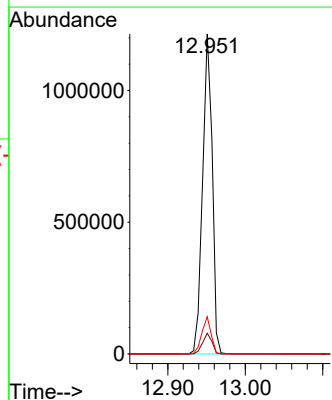
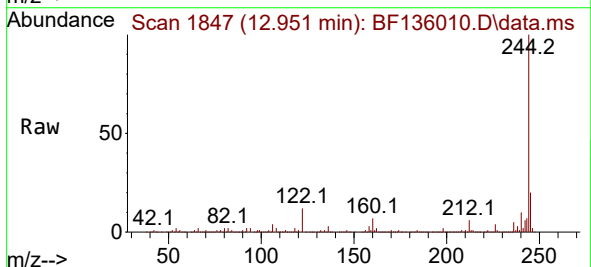
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-1A

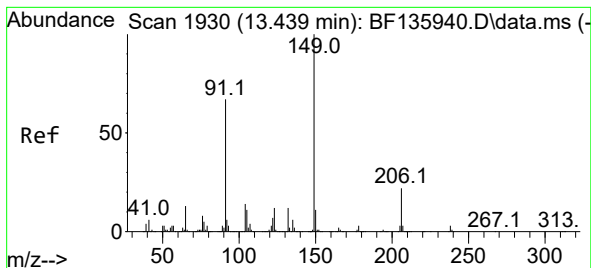
Tgt Ion:240 Resp: 333100
Ion Ratio Lower Upper
240 100
120 11.7 8.6 13.0
236 25.4 20.6 30.8



#79
Terphenyl-d14
Concen: 52.565 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion:244 Resp: 1047985
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.6
122 11.7 8.0 12.0

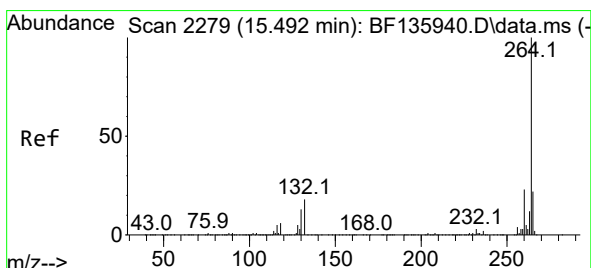
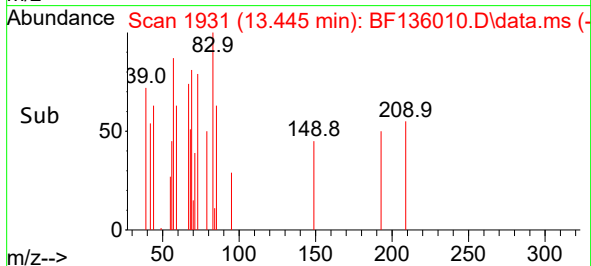
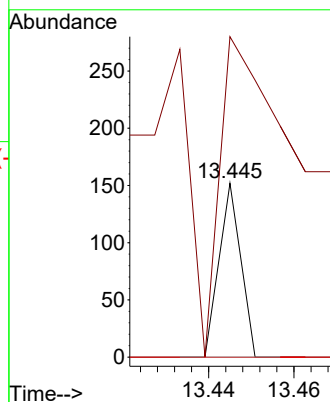
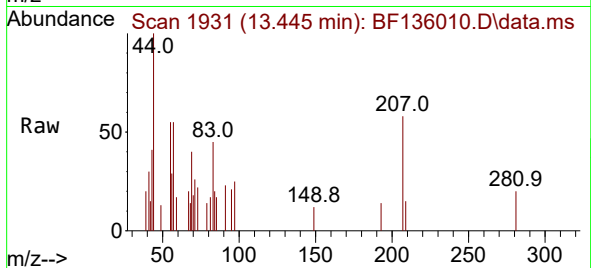




#80
Butylbenzylphthalate
Concen: 3.832 ng
RT: 13.445 min Scan# 1931
Delta R.T. 0.006 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

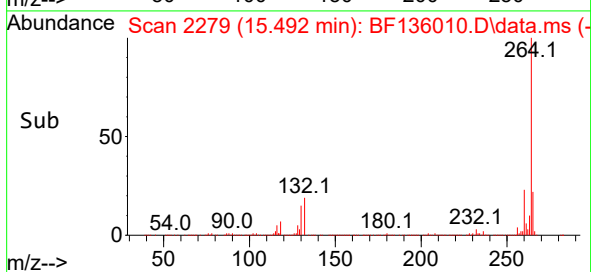
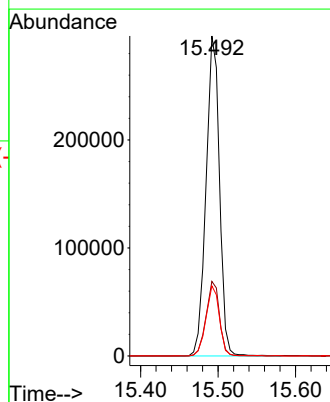
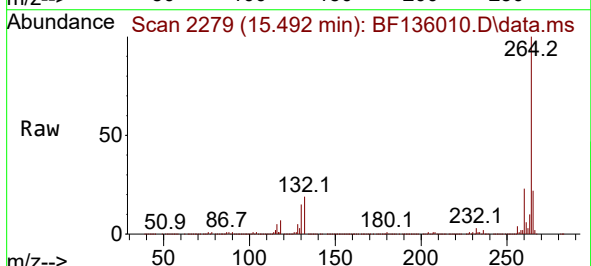
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-1A

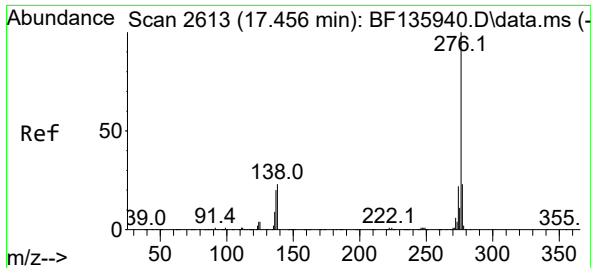
Tgt Ion:149 Resp: 54
Ion Ratio Lower Upper
149 100
91 184.2 53.4 80.0#
206 0.0 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BF136010.D
Acq: 28 Oct 2023 17:39

Tgt Ion:264 Resp: 356951
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 21.9 17.3 25.9





#92
 Benzo(g,h,i)perylene
 Concen: 3.798 ng
 RT: 17.439 min Scan# 20
 Delta R.T. -0.017 min
 Lab File: BF136010.D
 Acq: 28 Oct 2023 17:39

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-1A

Tgt Ion:276 Resp: 866
 Ion Ratio Lower Upper
 276 100
 277 58.1 18.6 28.0#
 138 0.0 18.4 27.6#

