

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136018.D
 Acq On : 28 Oct 2023 21:49
 Operator : CG\JU
 Sample : 05051-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-2A

Quant Time: Oct 30 00:31:46 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)

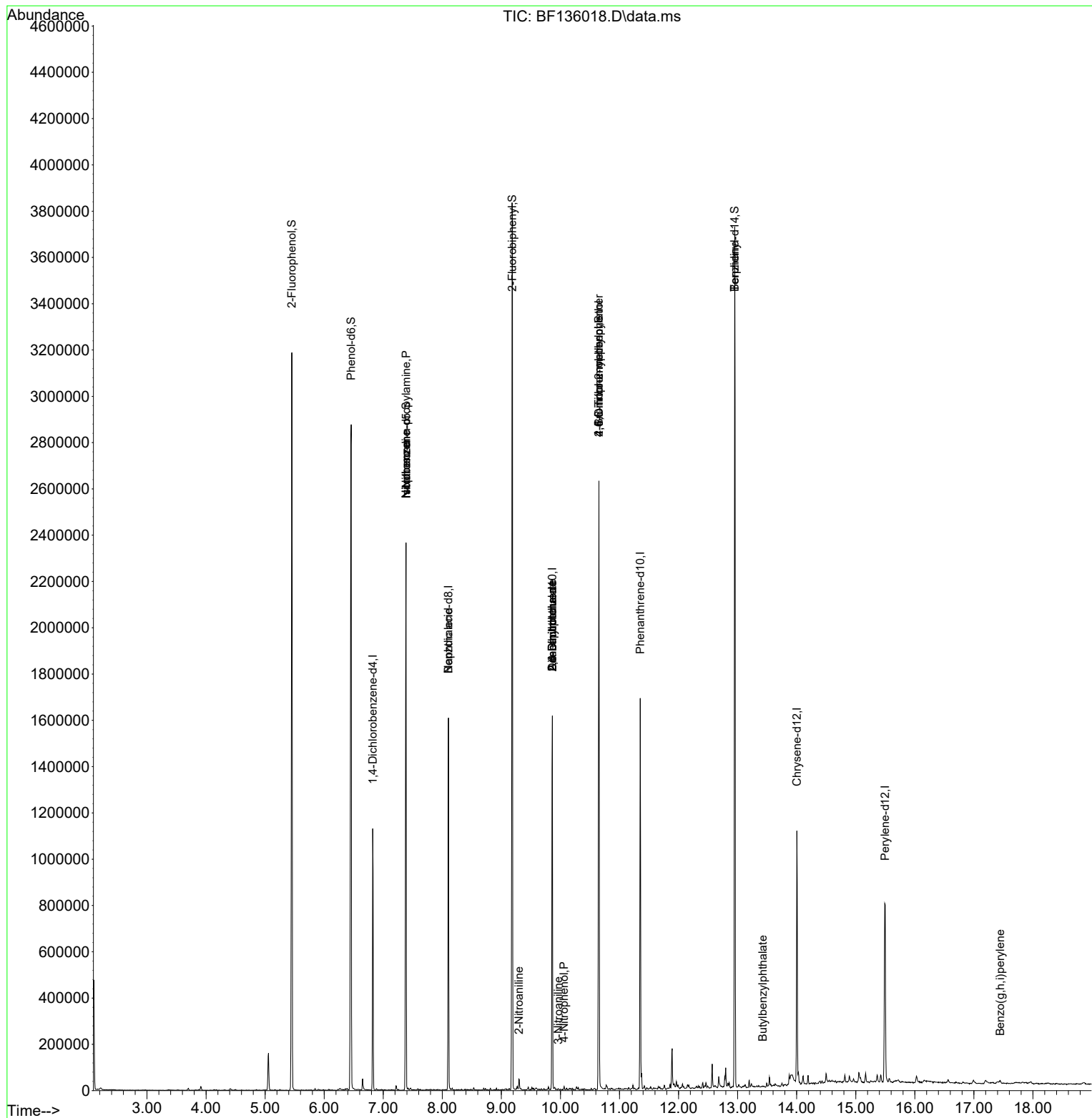
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	161344	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	618523	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	314115	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	563647	20.000	ng	0.00
76) Chrysene-d12	14.004	240	342500	20.000	ng	0.00
86) Perylene-d12	15.498	264	380390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	920309	88.079	ng	0.00
7) Phenol-d6	6.457	99	1173933	90.246	ng	0.00
23) Nitrobenzene-d5	7.387	82	677912	72.415	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	316048	114.950	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1226301	62.513	ng	0.00
79) Terphenyl-d14	12.951	244	1333372	65.044	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	88720	11.994	ng	# 78
24) Nitrobenzene	7.387	77	2079	2.774	ng	# 34
25) Isophorone	7.387	82	677903	34.674	ng	# 64
32) Benzoic acid	8.104	122	63	5.734	ng	# 1
48) 2-Nitroaniline	9.298	65	573	4.336	ng	# 4
50) Dimethylphthalate	9.863	163	65756	3.228	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	39728	13.317	ng	# 21
53) 3-Nitroaniline	9.963	138	60	4.573	ng	# 1
56) 4-Nitrophenol	10.063	139	604	6.320	ng	# 11
57) 2,4-Dinitrotoluene	9.863	165	39728	12.505	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.651	198	684	7.394	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	20493	3.550	ng	# 1
77) Benzidine	12.951	184	15993	2.422	ng	# 91
80) Butylbenzylphthalate	13.427	149	309	3.853	ng	# 54
92) Benzo(g,h,i)perylene	17.445	276	9953	4.195	ng	98

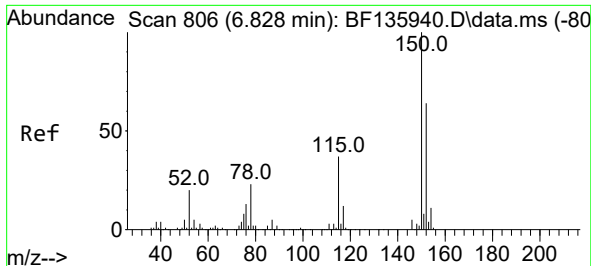
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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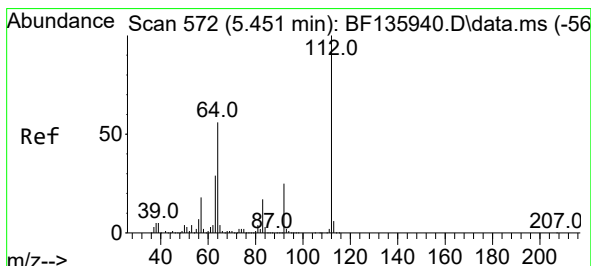
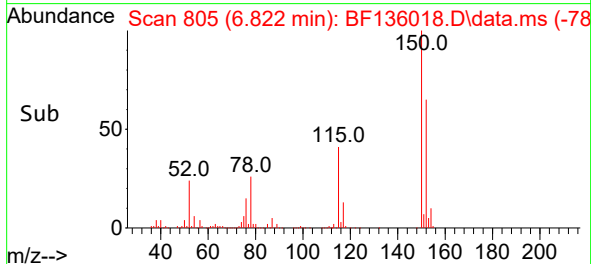
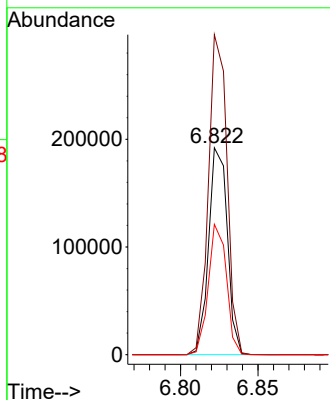
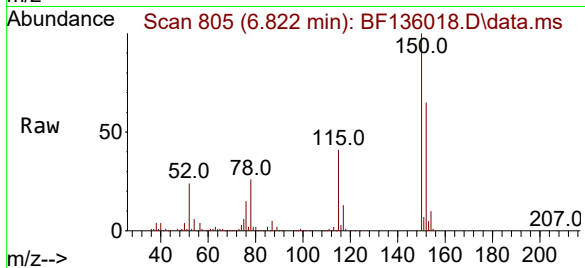




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BF136018.D
 Acq: 28 Oct 2023 21:49

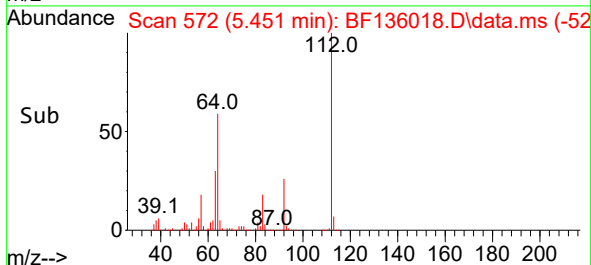
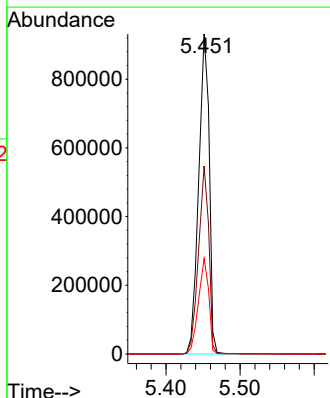
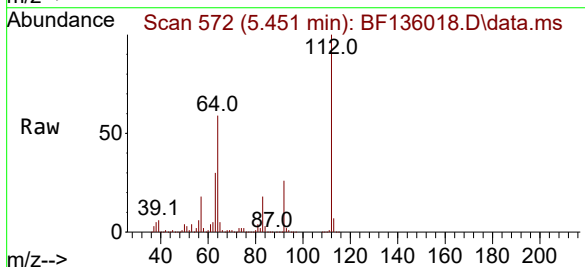
Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK-2A

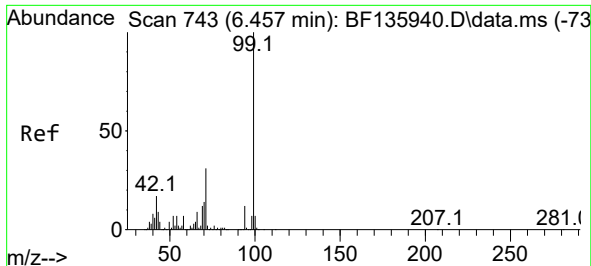
Tgt Ion:152 Resp: 161344
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 63.1 46.6 69.8



#5
 2-Fluorophenol
 Concen: 88.079 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.000 min
 Lab File: BF136018.D
 Acq: 28 Oct 2023 21:49

Tgt Ion:112 Resp: 920309
 Ion Ratio Lower Upper
 112 100
 64 58.8 45.1 67.7
 63 29.9 23.0 34.4

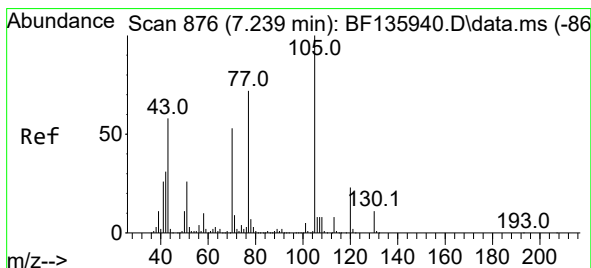
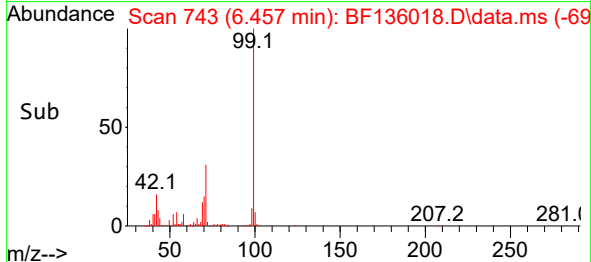
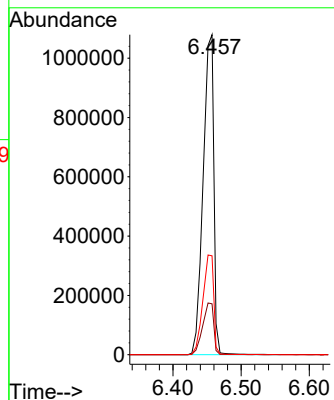
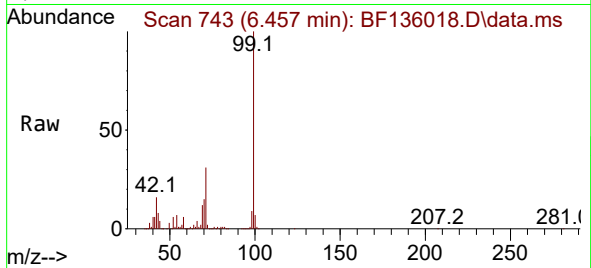




#7
Phenol-d6
Concen: 90.246 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

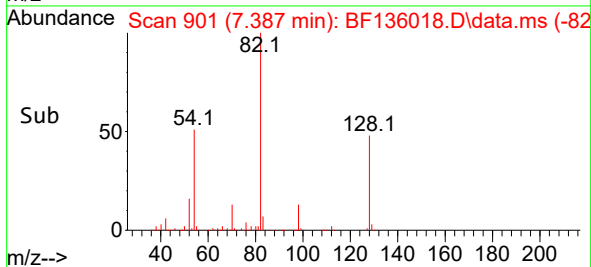
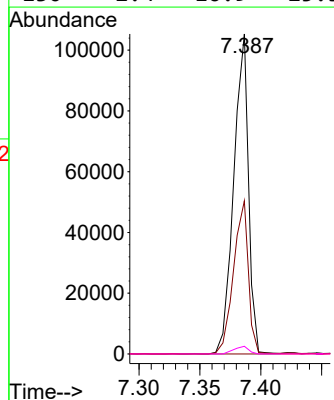
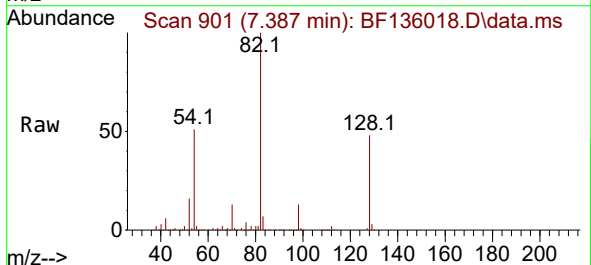
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

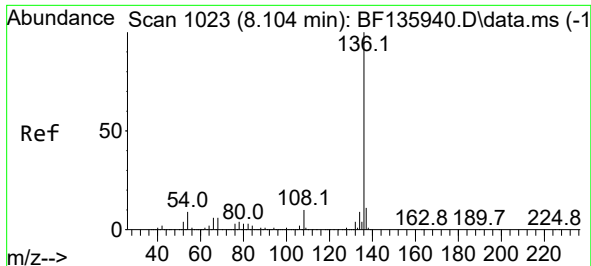
Tgt Ion: 99 Resp: 1173933
Ion Ratio Lower Upper
99 100
42 15.9 13.8 20.8
71 30.9 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.994 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion: 70 Resp: 88720
Ion Ratio Lower Upper
70 100
42 47.9 47.3 70.9
101 0.0 7.8 11.8#
130 2.4 16.9 25.3#



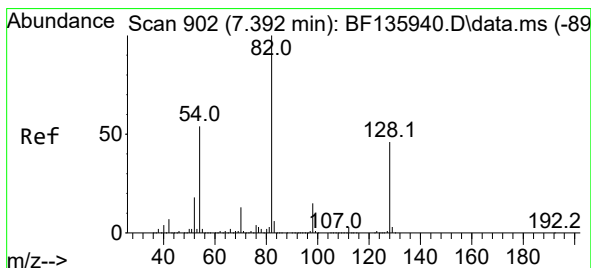
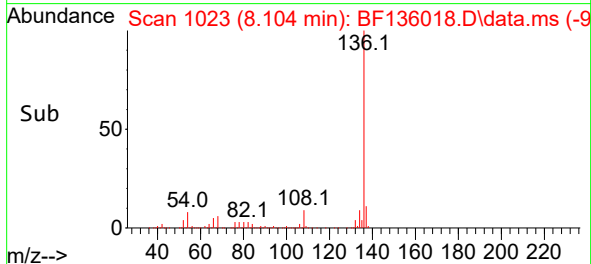
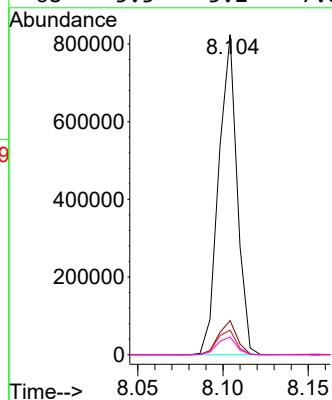
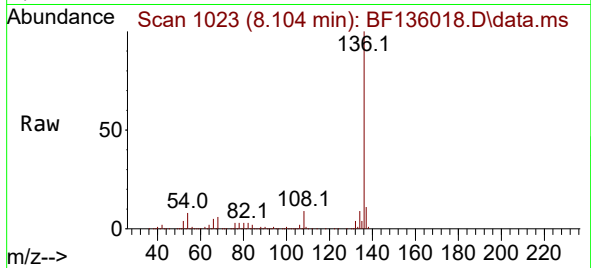


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

Tgt Ion:136 Resp: 618523

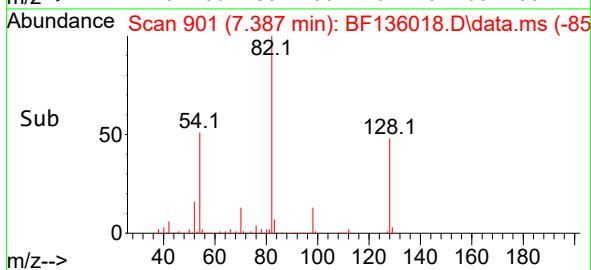
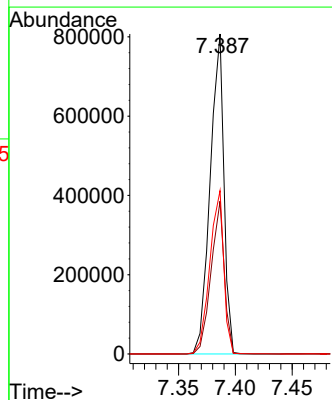
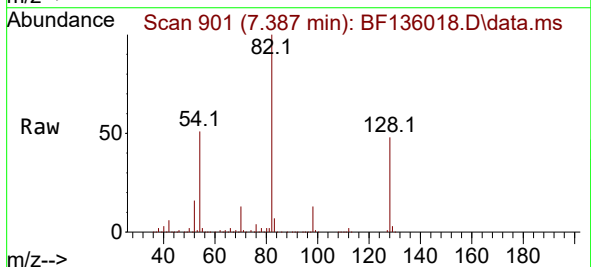
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.7	7.1	10.7
68	5.5	5.2	7.8

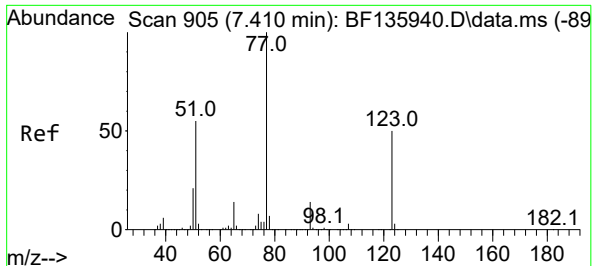


#23
Nitrobenzene-d5
Concen: 72.415 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.005 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion: 82 Resp: 677912

Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.8	55.2
54	51.1	43.4	65.0

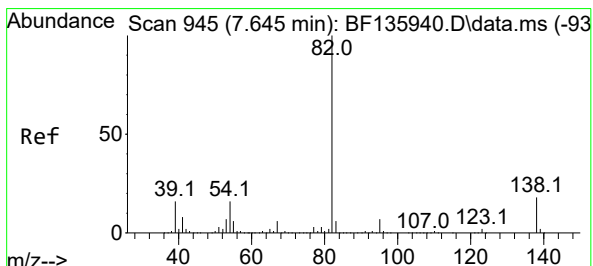
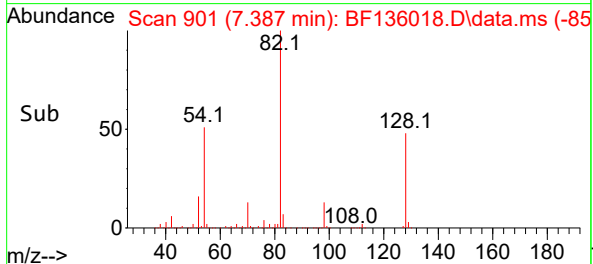
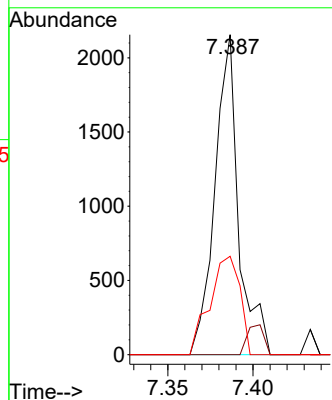
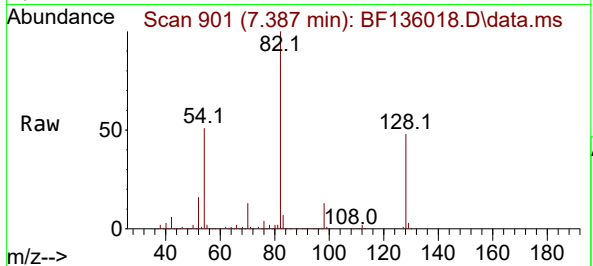




#24
Nitrobenzene
Concen: 2.774 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.023 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

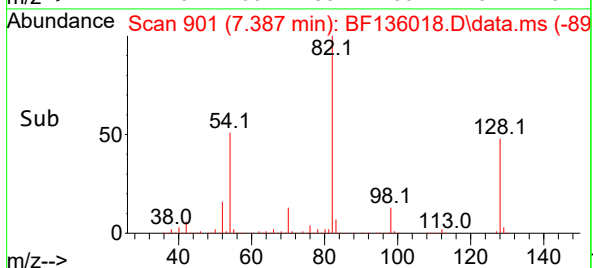
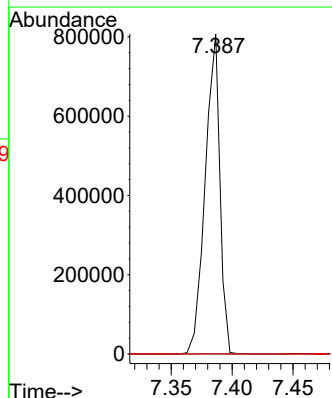
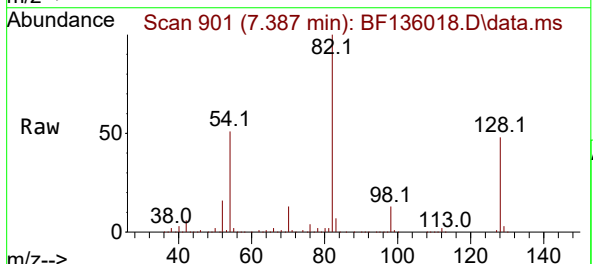
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

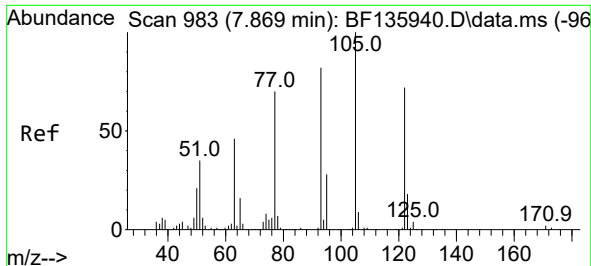
Tgt Ion: 77 Resp: 2079
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 30.8 11.0 16.4#



#25
Isophorone
Concen: 34.674 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion: 82 Resp: 677903
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.8 22.2#

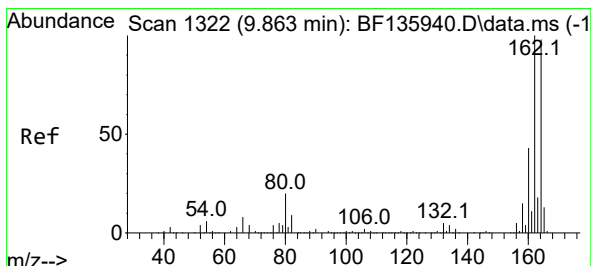
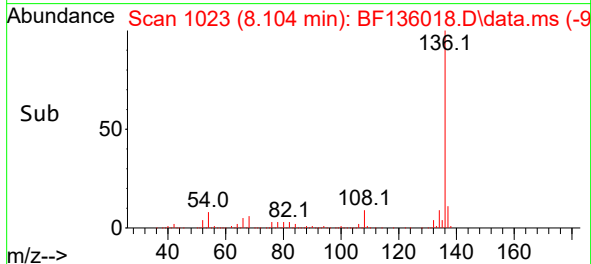
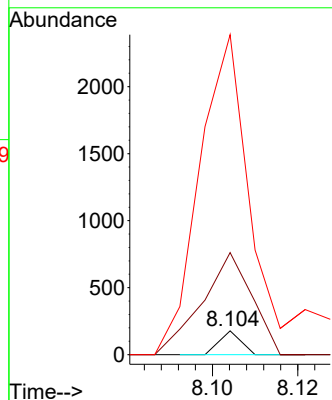
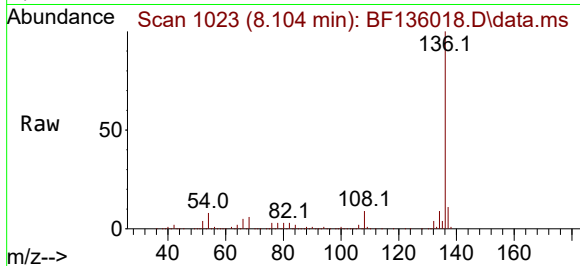




#32
Benzoic acid
Concen: 5.734 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.235 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

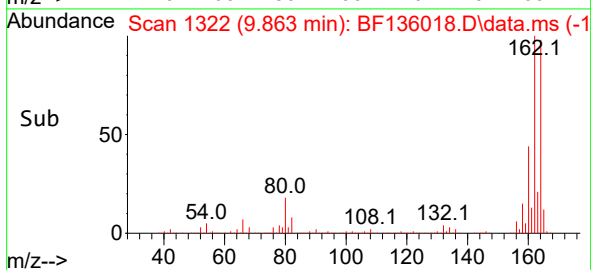
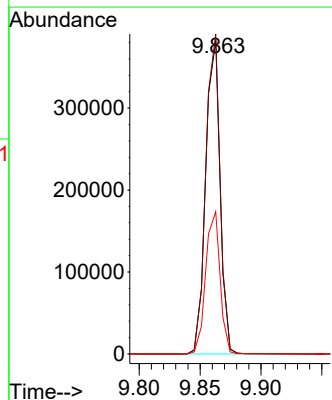
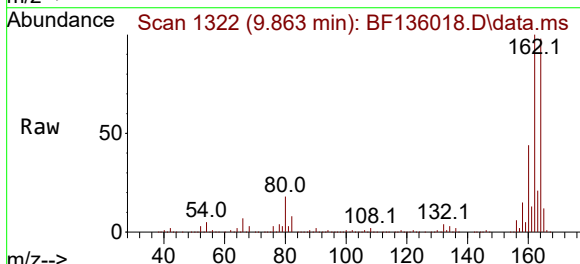
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

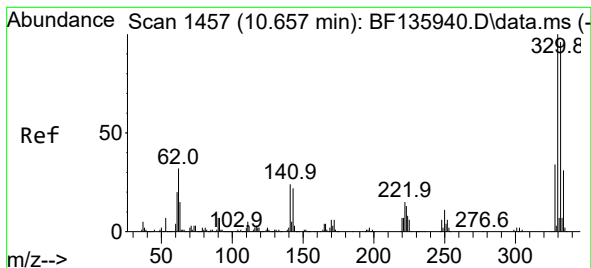
Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 427.5 113.1 153.1#
77 1341.6 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion:164 Resp: 314115
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 45.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 114.950 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136018.D

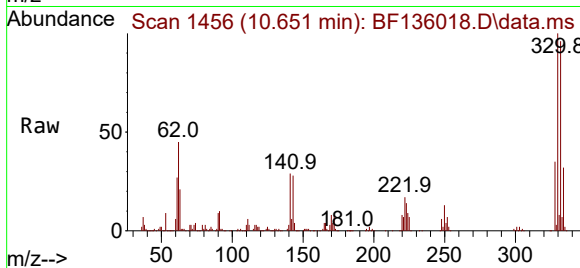
Acq: 28 Oct 2023 21:49

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-2A



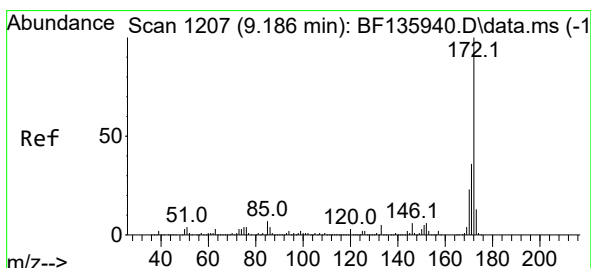
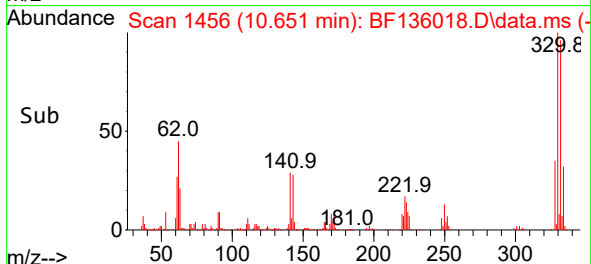
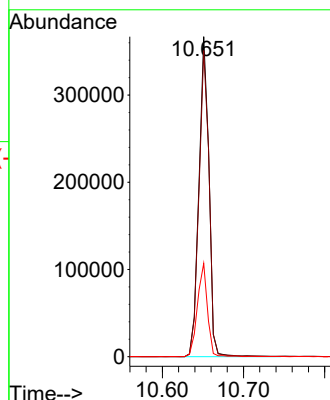
Tgt Ion:330 Resp: 316048

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

141 29.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 62.513 ng

RT: 9.186 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF136018.D

Acq: 28 Oct 2023 21:49

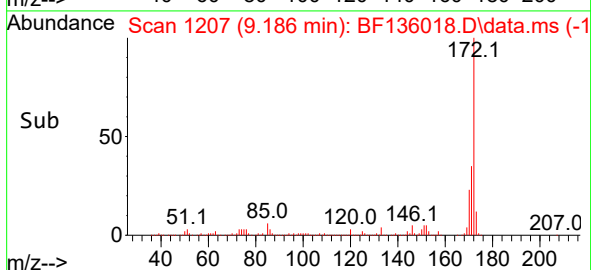
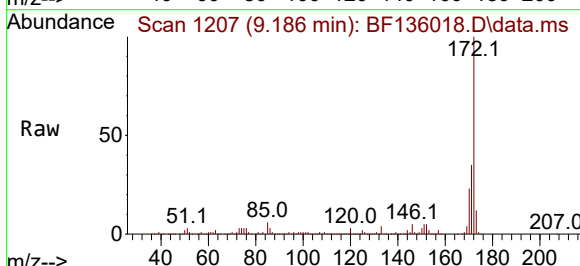
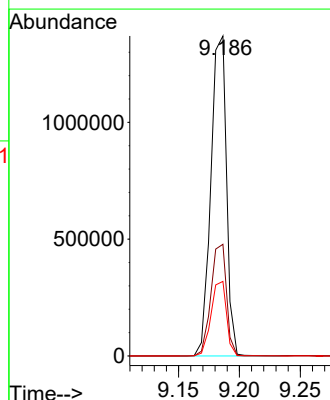
Tgt Ion:172 Resp: 1226301

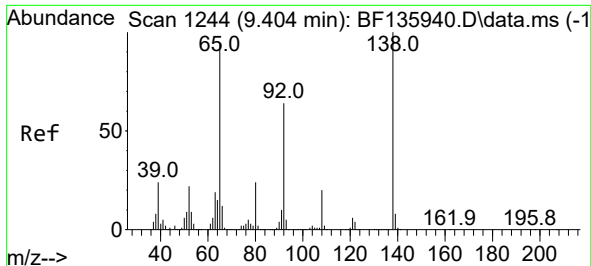
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.3 18.6 28.0

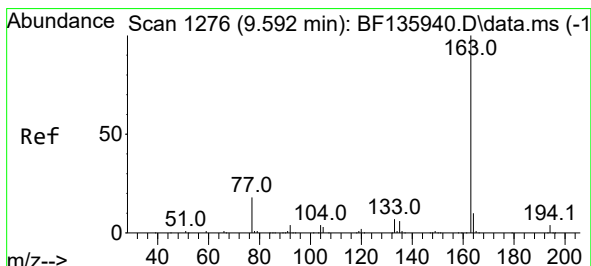
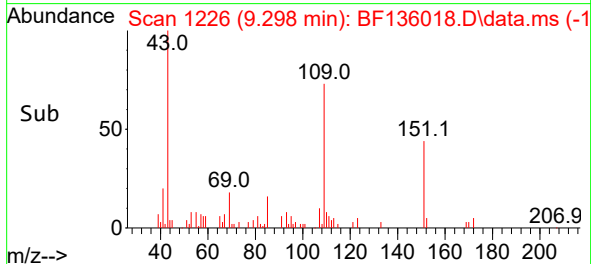
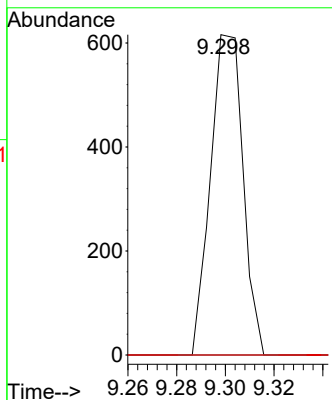
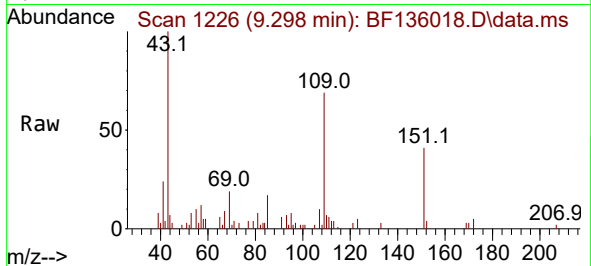




#48
 2-Nitroaniline
 Concen: 4.336 ng
 RT: 9.298 min Scan# 11
 Delta R.T. -0.106 min
 Lab File: BF136018.D
 Acq: 28 Oct 2023 21:49

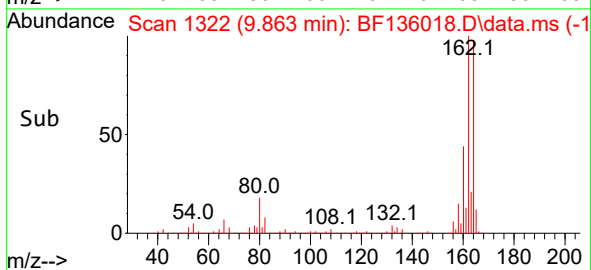
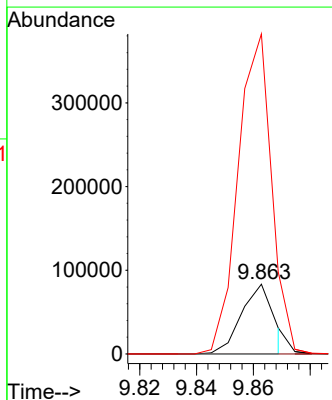
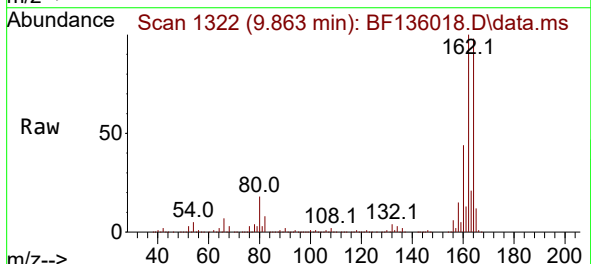
Instrument :
 BNA_F
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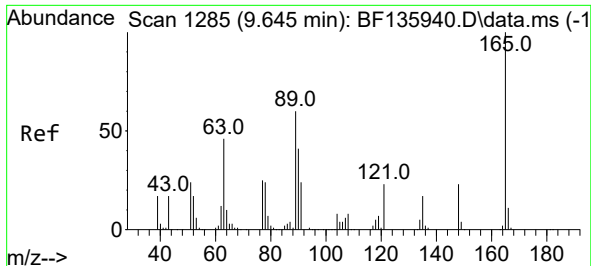
Tgt Ion: 65	Resp: 573
Ion Ratio	Lower Upper
65 100	
92 0.0	54.9 82.3#
138 0.0	85.2 127.8#



#50
 Dimethylphthalate
 Concen: 3.228 ng
 RT: 9.863 min Scan# 1322
 Delta R.T. 0.271 min
 Lab File: BF136018.D
 Acq: 28 Oct 2023 21:49

Tgt Ion:163	Resp: 65756
Ion Ratio	Lower Upper
163 100	
194 0.0	3.4 5.0#
164 458.2	8.3 12.5#





#51

2,6-Dinitrotoluene

Concen: 13.317 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.218 min

Lab File: BF136018.D

Acq: 28 Oct 2023 21:49

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-2A

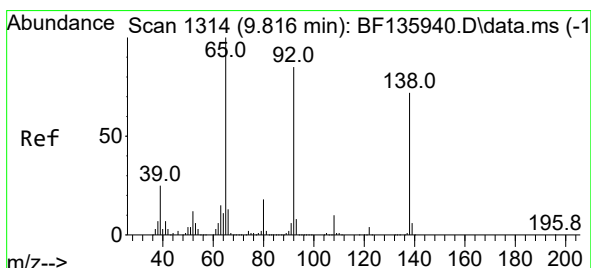
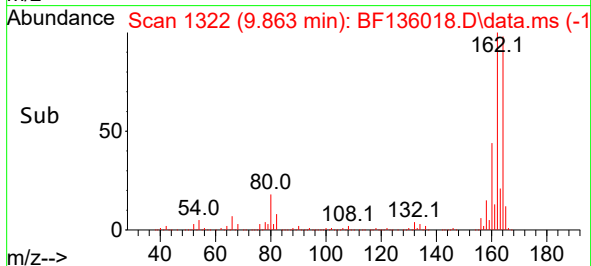
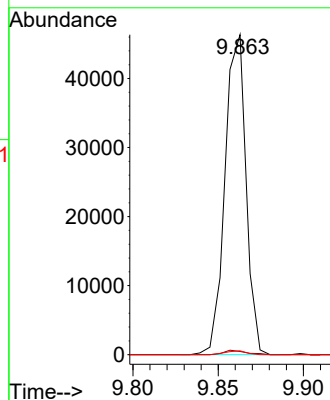
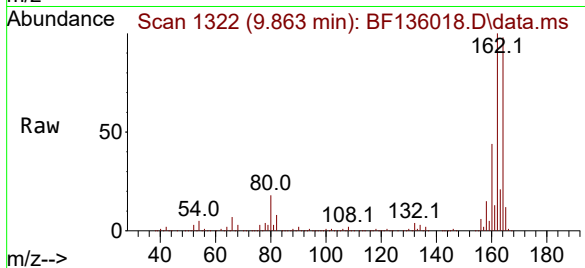
Tgt Ion:165 Resp: 39728

Ion Ratio Lower Upper

165 100

63 1.0 51.7 77.5#

89 1.2 48.3 72.5#



#53

3-Nitroaniline

Concen: 4.573 ng

RT: 9.963 min Scan# 1339

Delta R.T. 0.147 min

Lab File: BF136018.D

Acq: 28 Oct 2023 21:49

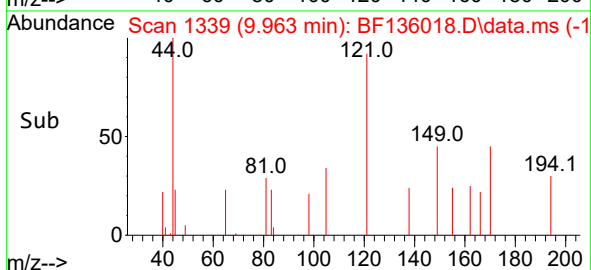
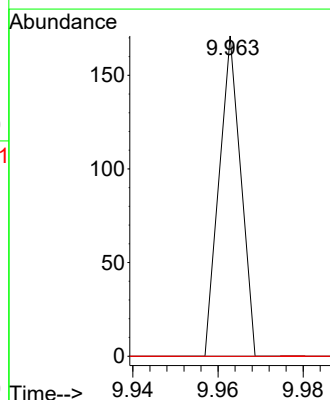
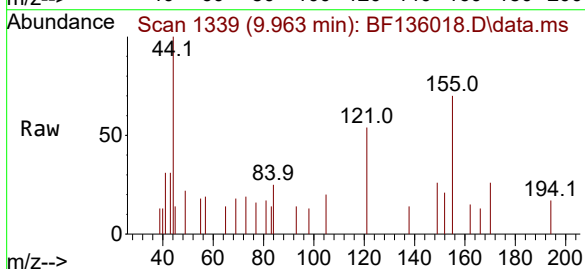
Tgt Ion:138 Resp: 60

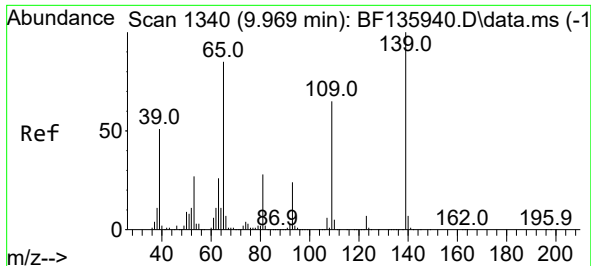
Ion Ratio Lower Upper

138 100

108 0.0 11.3 16.9#

92 0.0 95.0 142.6#

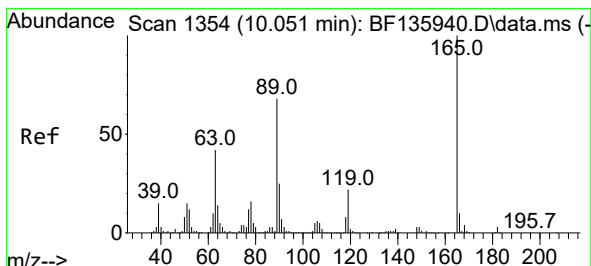
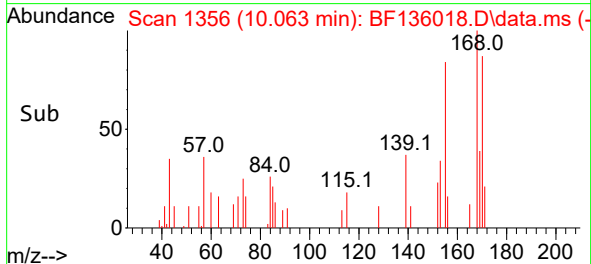
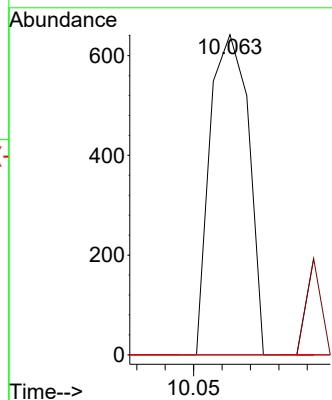
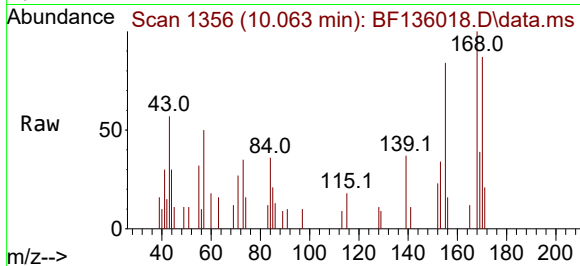




#56
4-Nitrophenol
Concen: 6.320 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.094 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

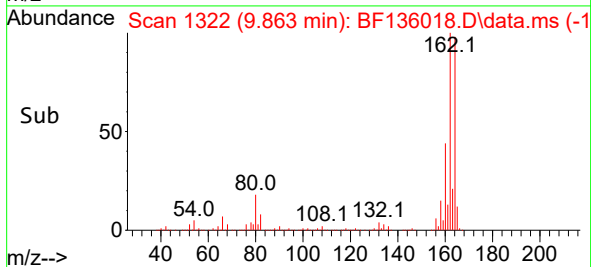
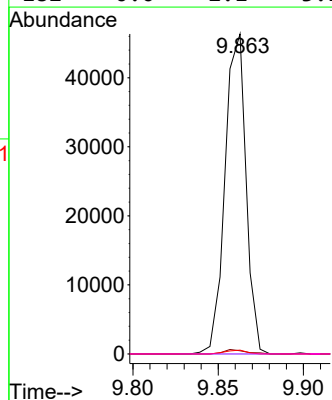
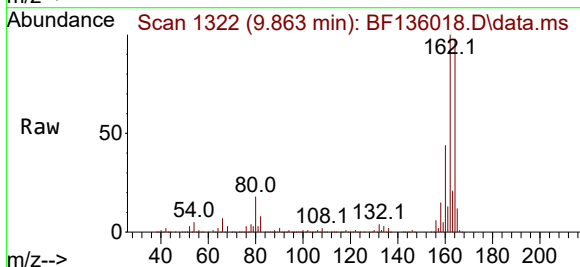
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

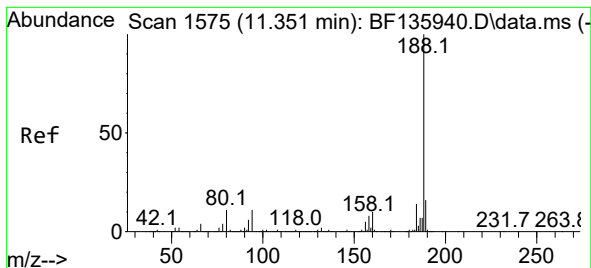
Tgt Ion:139 Resp: 604
Ion Ratio Lower Upper
139 100
109 0.0 45.2 85.2#
65 0.0 65.1 105.1#



#57
2,4-Dinitrotoluene
Concen: 12.505 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion:165 Resp: 39728
Ion Ratio Lower Upper
165 100
63 1.0 33.7 50.5#
89 1.2 54.6 81.8#
182 0.0 2.1 3.1#

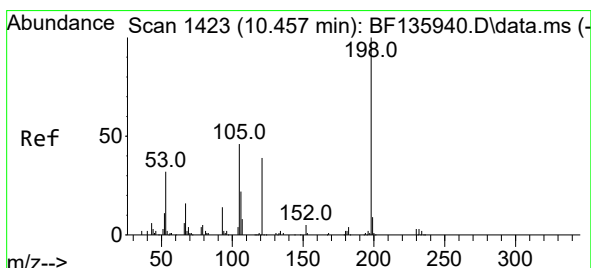
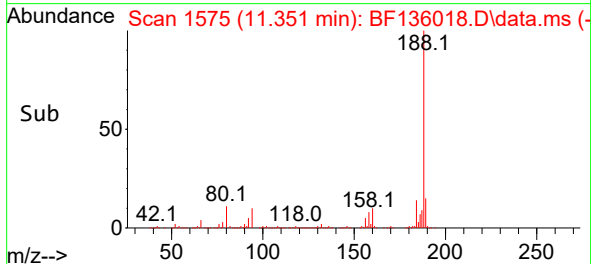
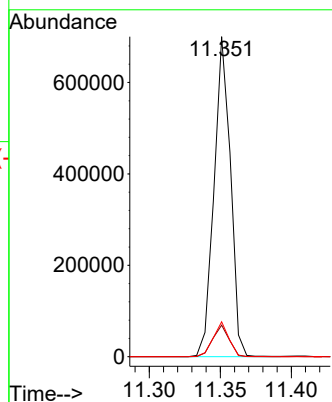
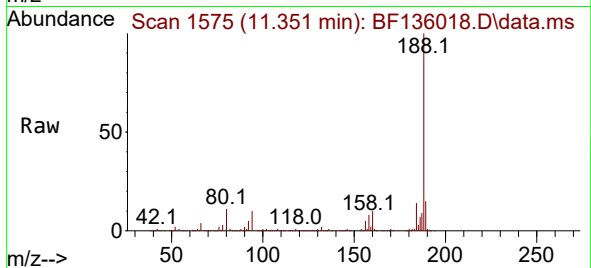




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

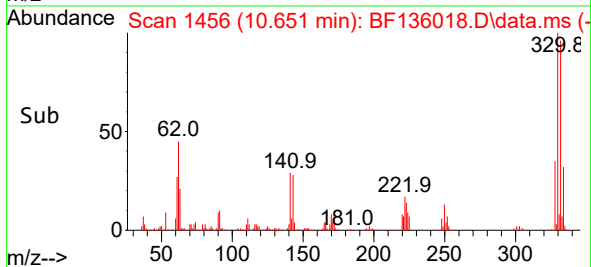
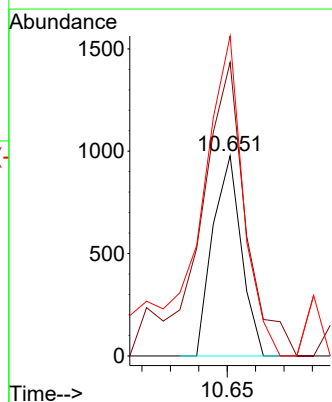
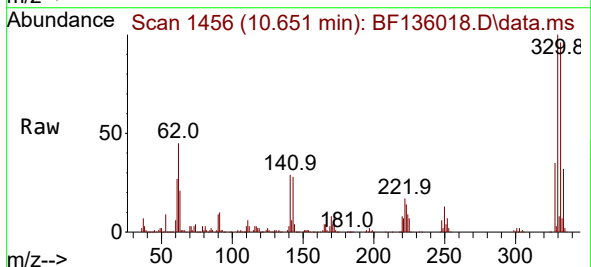
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

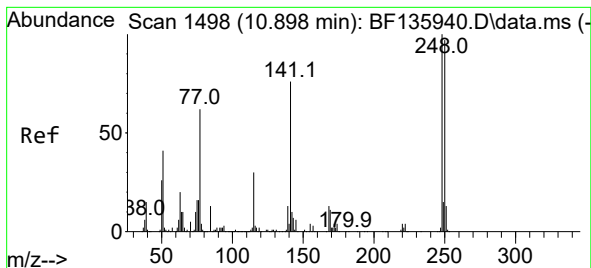
Tgt Ion:188 Resp: 563647
Ion Ratio Lower Upper
188 100
94 9.9 8.6 13.0
80 10.9 9.0 13.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.394 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.194 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion:198 Resp: 684
Ion Ratio Lower Upper
198 100
51 146.6 28.7 68.7#
105 159.8 27.2 67.2#

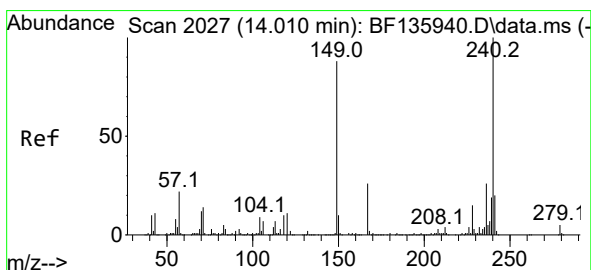
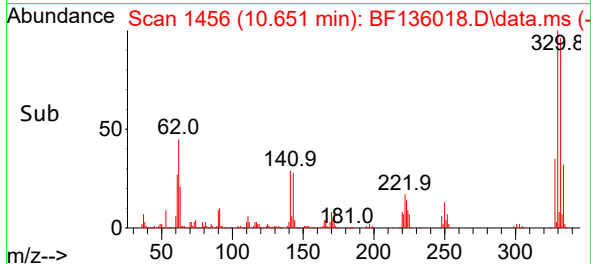
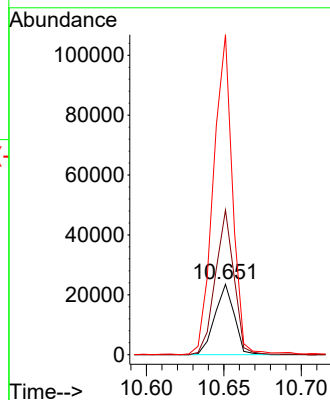
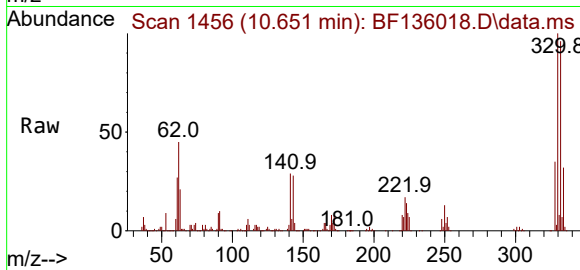




#67
4-Bromophenyl-phenylether
Concen: 3.550 ng
RT: 10.651 min Scan# 1498
Delta R.T. -0.247 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

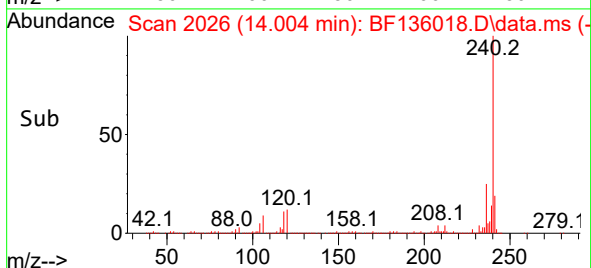
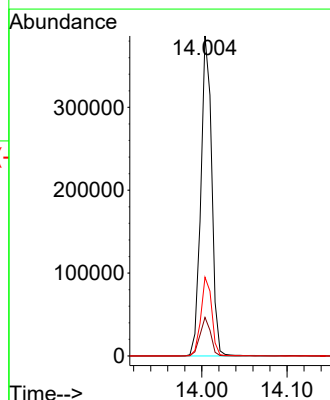
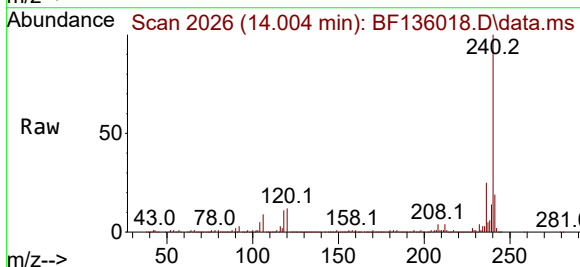
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

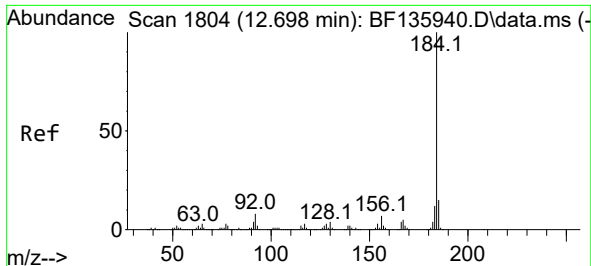
Tgt Ion:248 Resp: 20493
Ion Ratio Lower Upper
248 100
250 205.5 77.9 116.9#
141 454.4 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion:240 Resp: 342500
Ion Ratio Lower Upper
240 100
120 12.0 8.6 13.0
236 24.6 20.6 30.8

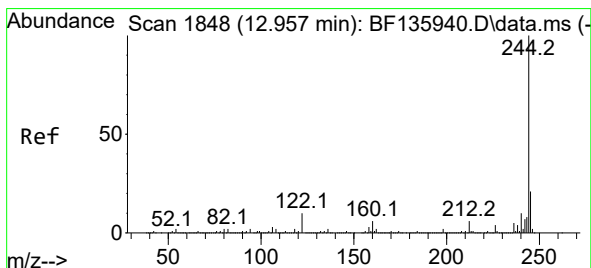
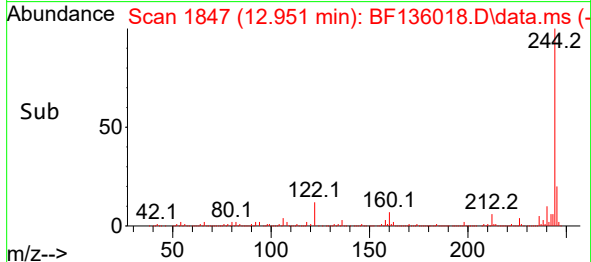
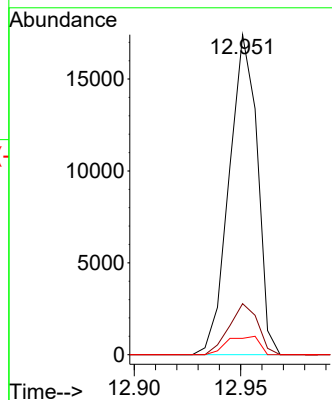
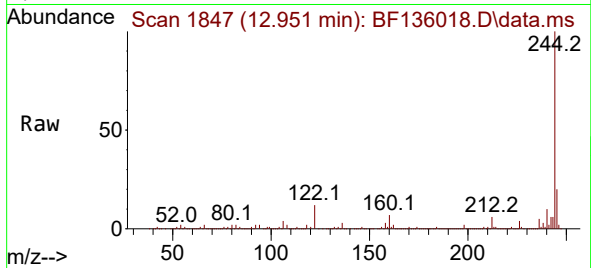




#77
Benzidine
Concen: 2.422 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.253 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

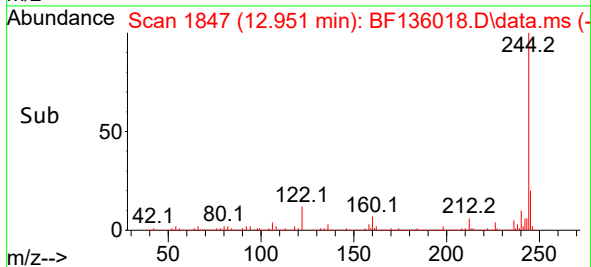
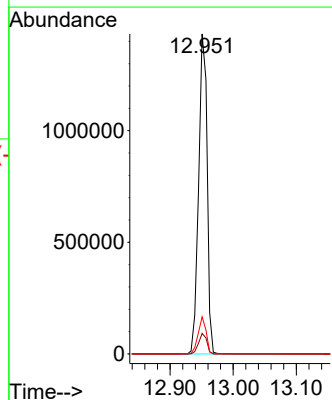
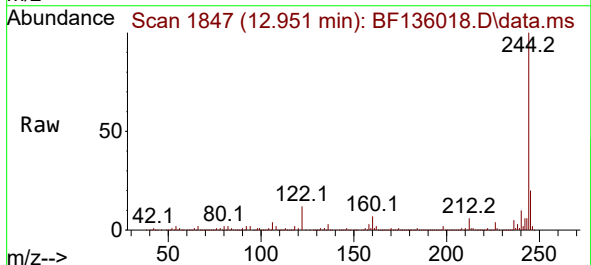
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

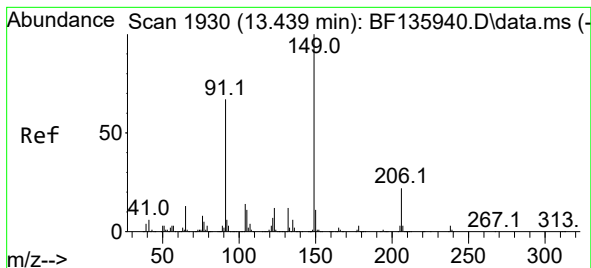
Tgt Ion:184 Resp: 15993
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 5.1 9.2 13.8#



#79
Terphenyl-d14
Concen: 65.044 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion:244 Resp: 1333372
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.6
122 11.6 8.0 12.0

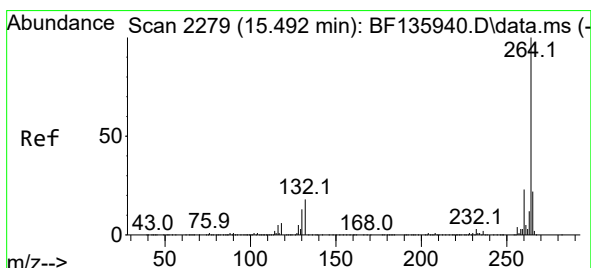
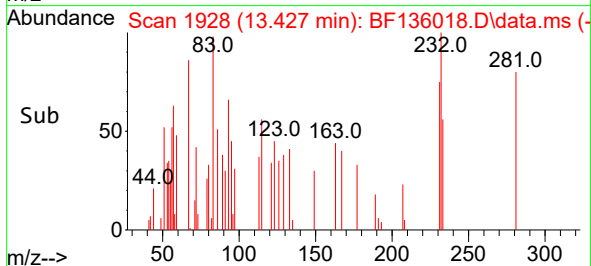
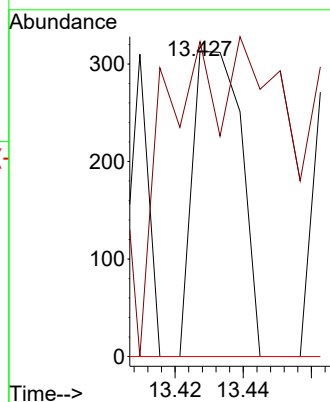
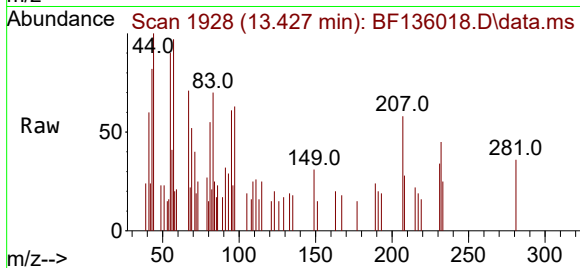




#80
Butylbenzylphthalate
Concen: 3.853 ng
RT: 13.427 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

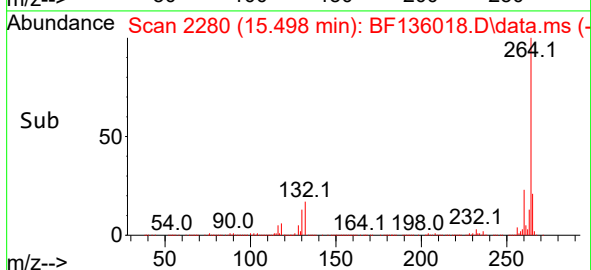
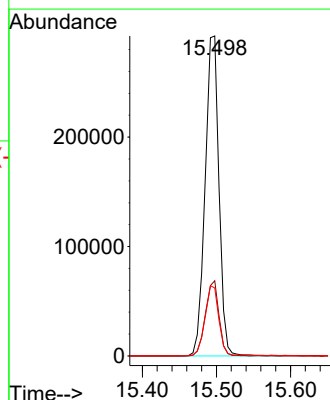
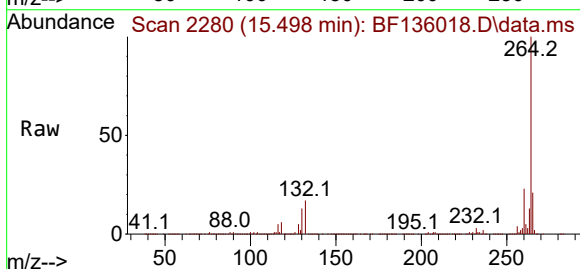
Instrument :
BNA_F
ClientSampleId :
DUCT-BANK-2A

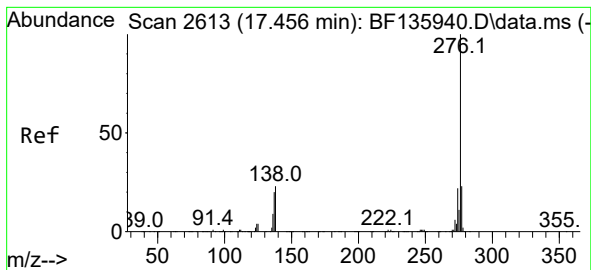
Tgt Ion:149 Resp: 309
Ion Ratio Lower Upper
149 100
91 103.2 53.4 80.0#
206 0.0 17.5 26.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF136018.D
Acq: 28 Oct 2023 21:49

Tgt Ion:264 Resp: 380390
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.3 17.3 25.9





#92

Benzo(g,h,i)perylene

Concen: 4.195 ng

RT: 17.445 min Scan# 20

Delta R.T. -0.011 min

Lab File: BF136018.D

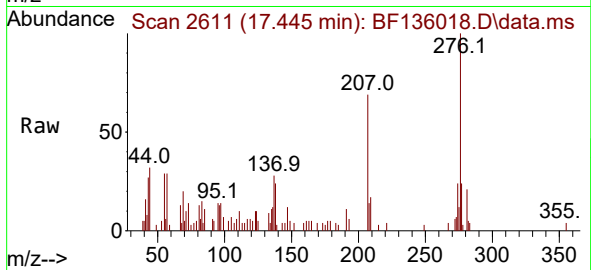
Acq: 28 Oct 2023 21:49

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK-2A



Tgt Ion:276 Resp: 9953

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 24.2 18.4 27.6

