

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136015.D
 Acq On : 28 Oct 2023 20:15
 Operator : CG\JU
 Sample : 05089-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: Oct 30 00:30:38 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)

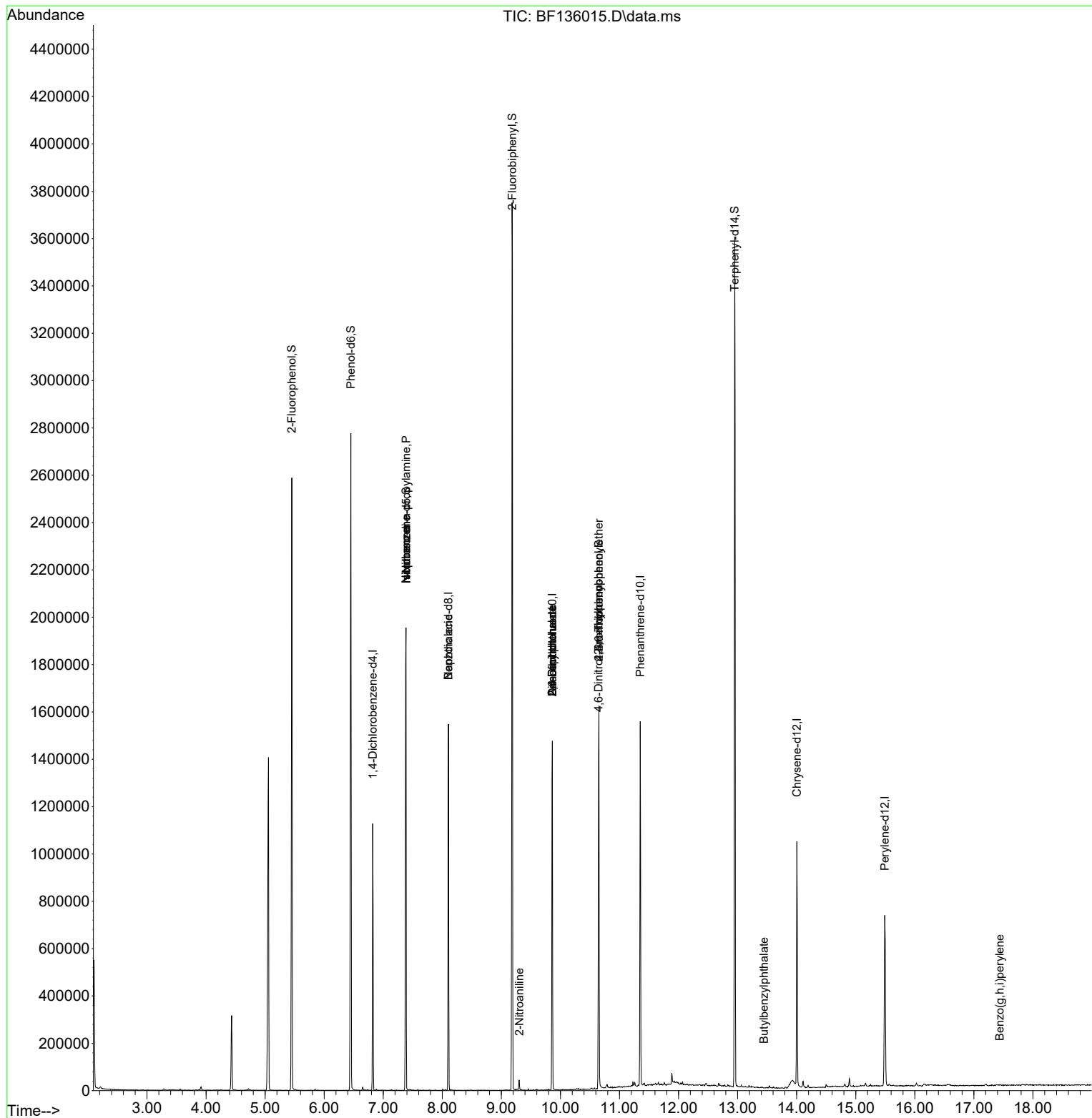
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	151650	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	584097	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	293553	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	536039	20.000	ng	0.00
76) Chrysene-d12	14.004	240	330283	20.000	ng	0.00
86) Perylene-d12	15.492	264	334437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	709679	72.263	ng	0.00
7) Phenol-d6	6.451	99	959981	78.516	ng	0.00
23) Nitrobenzene-d5	7.386	82	604883	68.962	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	193573	75.336	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1157819	63.156	ng	0.00
79) Terphenyl-d14	12.951	244	1314854	66.513	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	78494	11.290	ng	# 74
24) Nitrobenzene	7.386	77	1796	2.758	ng	# 30
25) Isophorone	7.386	82	604876	32.762	ng	# 64
32) Benzoic acid	8.104	122	92	5.747	ng	# 1
48) 2-Nitroaniline	9.304	65	485	4.324	ng	# 4
50) Dimethylphthalate	9.863	163	61284	3.219	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	38270	13.577	ng	# 21
57) 2,4-Dinitrotoluene	9.863	165	38270	12.711	ng	# 26
65) 4,6-Dinitro-2-methylph...	10.645	198	456	7.251	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	11978	2.182	ng	# 1
80) Butylbenzylphthalate	13.445	149	62	3.832	ng	# 60
92) Benzo(g,h,i)perylene	17.439	276	390	3.777	ng	# 52

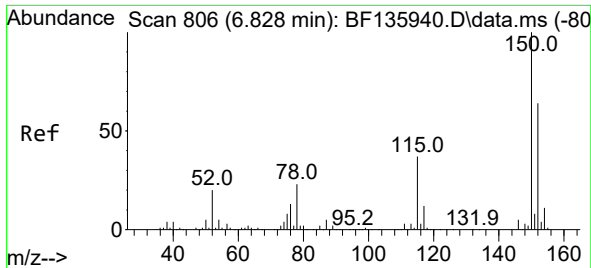
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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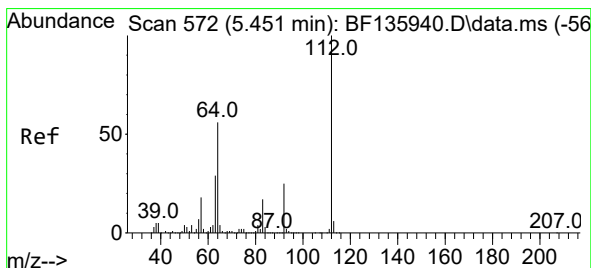
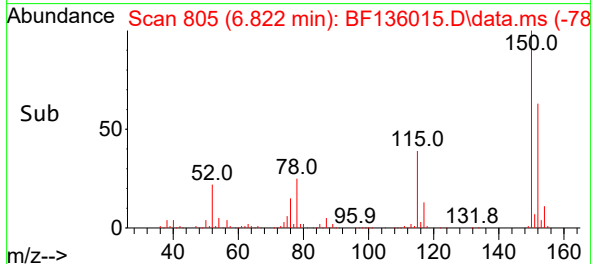
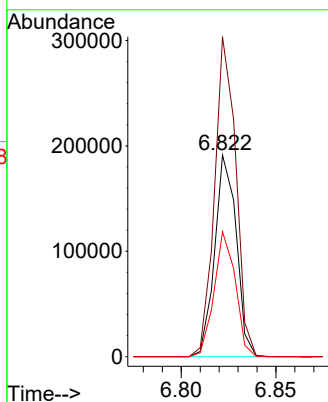
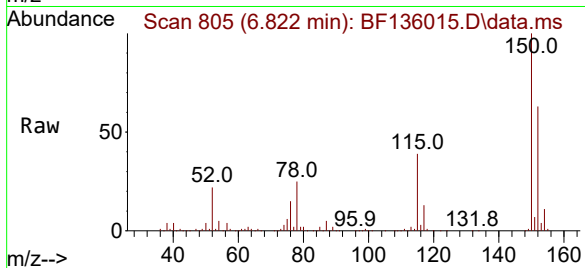




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

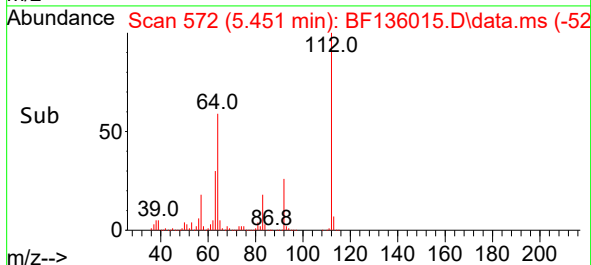
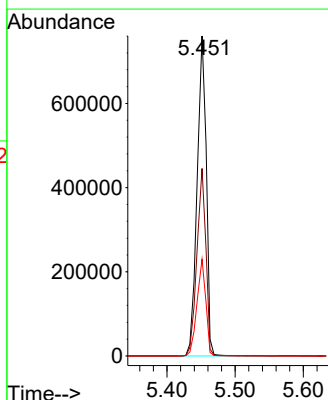
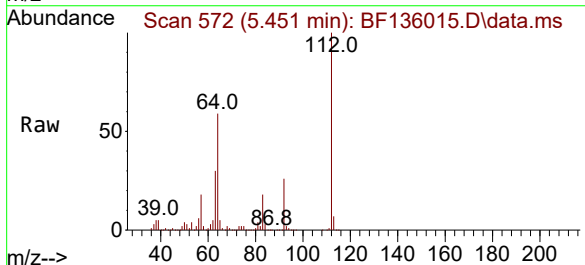
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

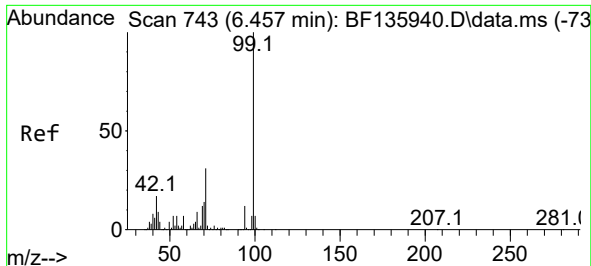
Tgt Ion:152 Resp: 151650
Ion Ratio Lower Upper
152 100
150 158.7 124.6 186.8
115 61.9 46.6 69.8



#5
2-Fluorophenol
Concen: 72.263 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.000 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

Tgt Ion:112 Resp: 709679
Ion Ratio Lower Upper
112 100
64 58.6 45.1 67.7
63 30.3 23.0 34.4

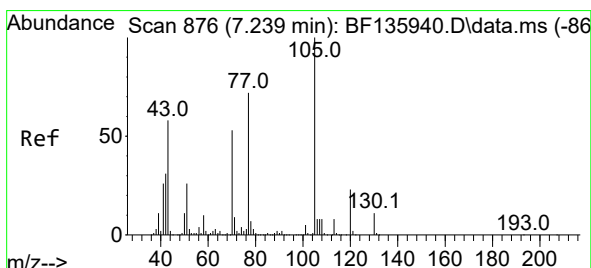
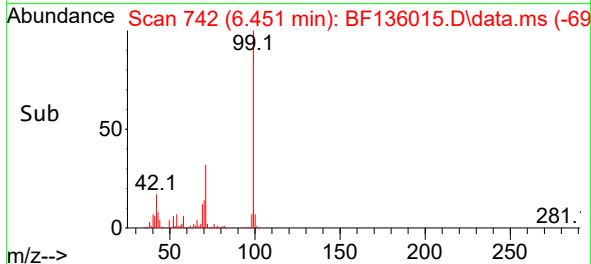
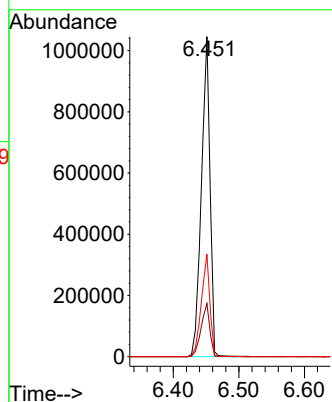
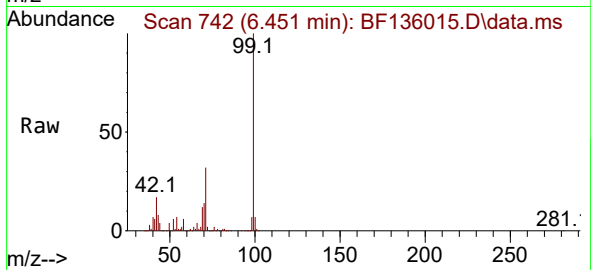




#7
Phenol-d6
Concen: 78.516 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

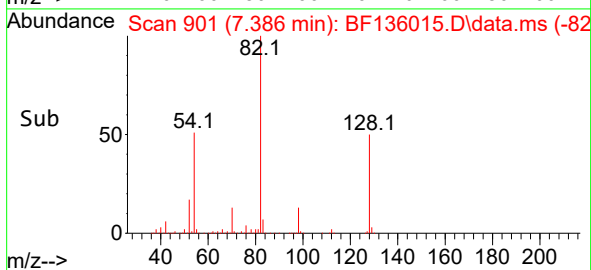
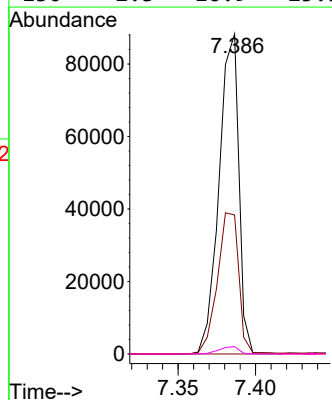
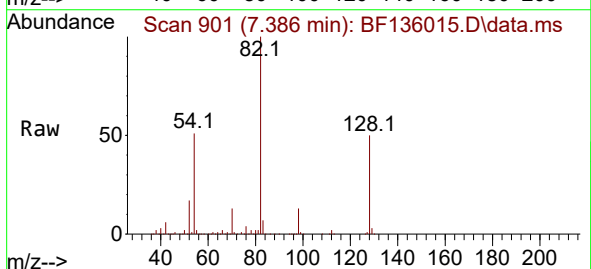
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

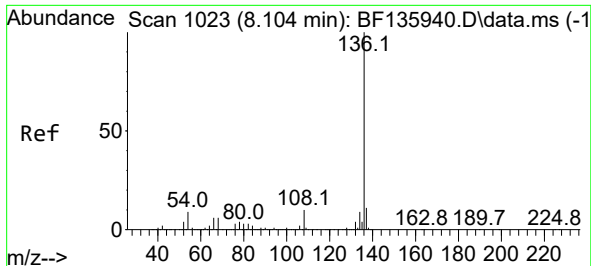
Tgt Ion: 99 Resp: 959981
Ion Ratio Lower Upper
99 100
42 16.6 13.8 20.8
71 32.0 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.290 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

Tgt Ion: 70 Resp: 78494
Ion Ratio Lower Upper
70 100
42 43.5 47.3 70.9#
101 0.0 7.8 11.8#
130 2.3 16.9 25.3#



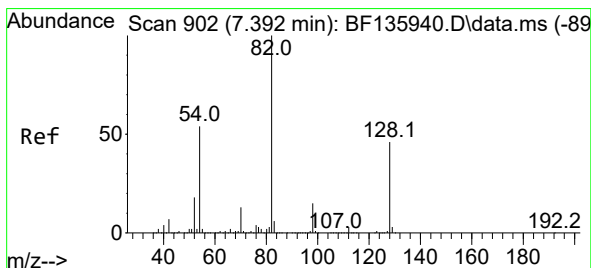
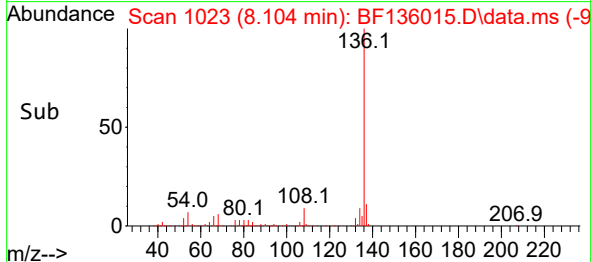
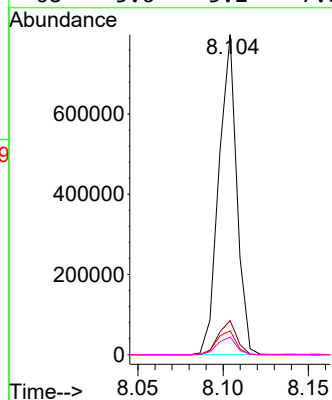
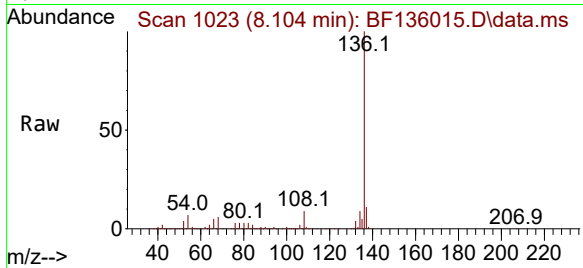


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

Tgt Ion:136 Resp: 584097

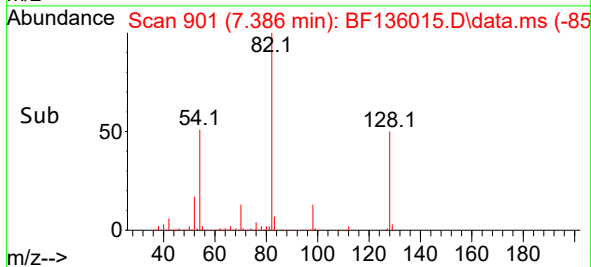
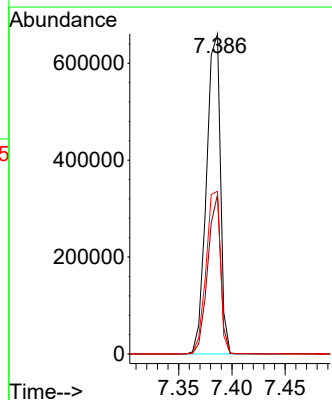
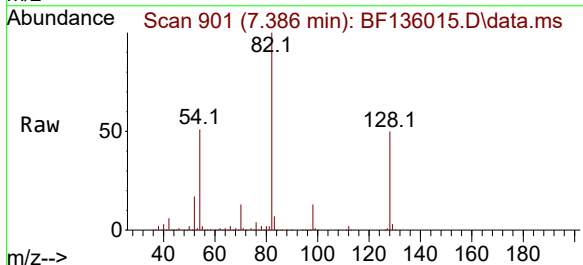
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.5	7.1	10.7
68	5.6	5.2	7.8

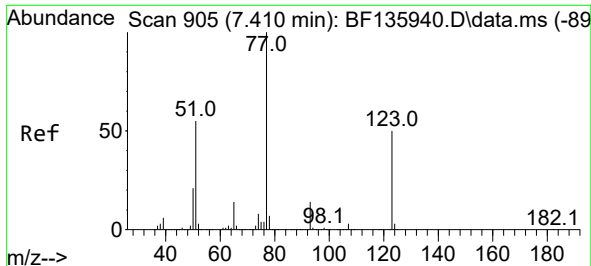


#23
Nitrobenzene-d5
Concen: 68.962 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

Tgt Ion: 82 Resp: 604883

Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.8	55.2
54	50.8	43.4	65.0

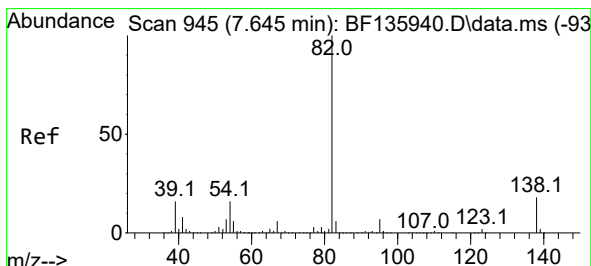
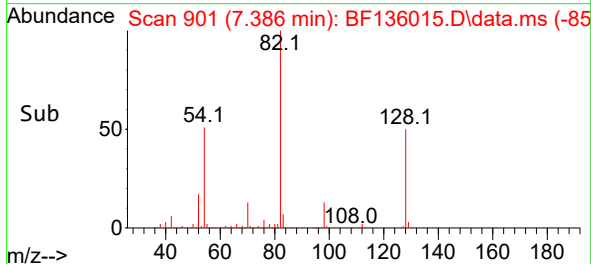
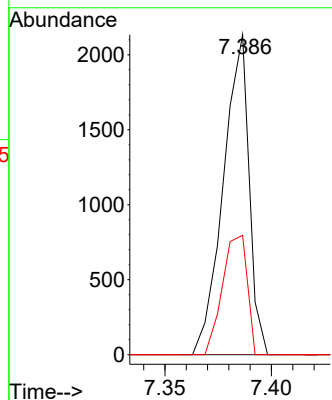
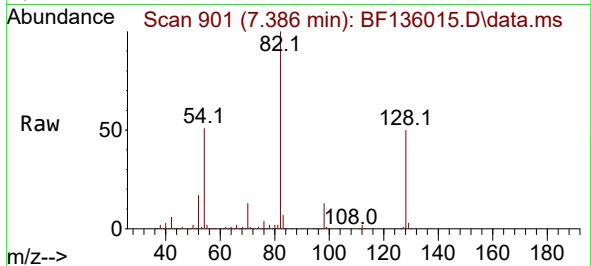




#24
Nitrobenzene
Concen: 2.758 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.024 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

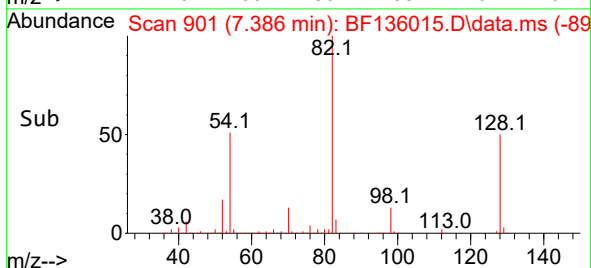
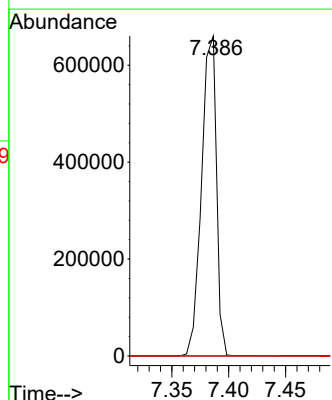
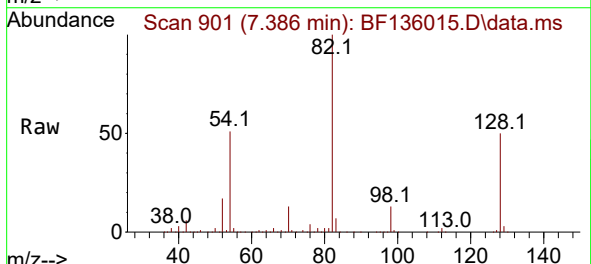
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

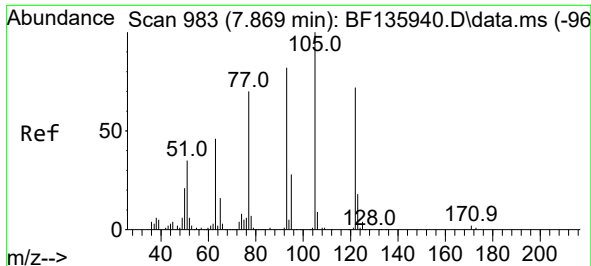
Tgt Ion: 77 Resp: 1796
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 37.3 11.0 16.4#



#25
Isophorone
Concen: 32.762 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

Tgt Ion: 82 Resp: 604876
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

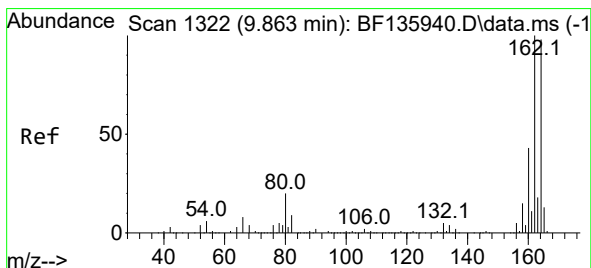
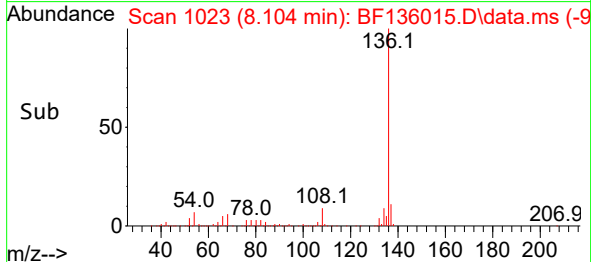
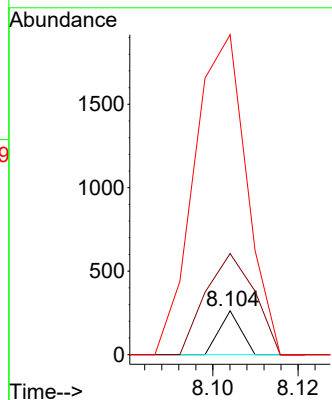
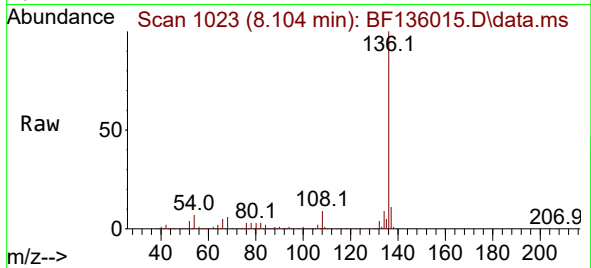




#32
Benzoic acid
Concen: 5.747 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.235 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

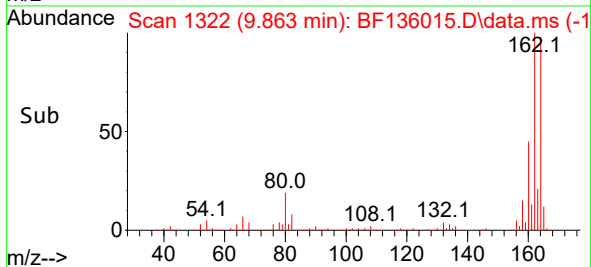
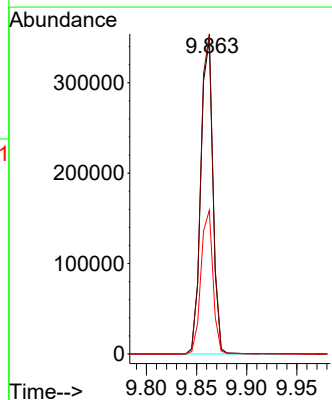
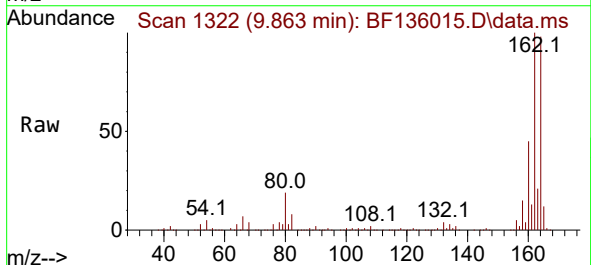
Instrument :
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ClientSampleId :
CONC-WC-1

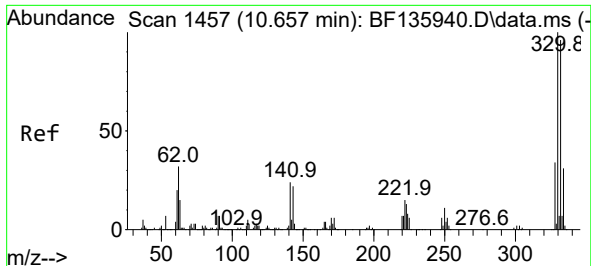
Tgt Ion:122 Resp: 92
Ion Ratio Lower Upper
122 100
105 230.9 113.1 153.1#
77 731.7 75.2 115.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

Tgt Ion:164 Resp: 293553
Ion Ratio Lower Upper
164 100
162 102.0 82.0 123.0
160 45.8 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 75.336 ng

RT: 10.651 min Scan# 1457

Delta R.T. -0.006 min

Lab File: BF136015.D

Acq: 28 Oct 2023 20:15

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

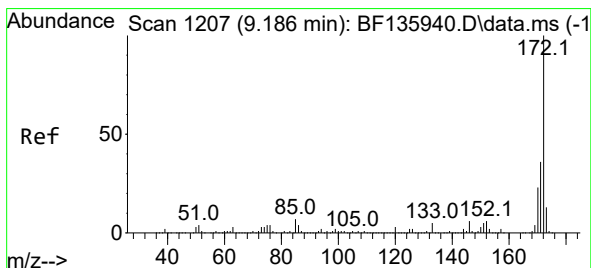
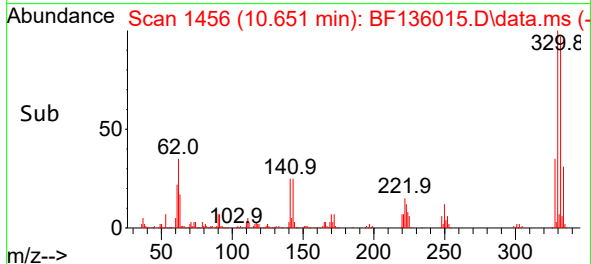
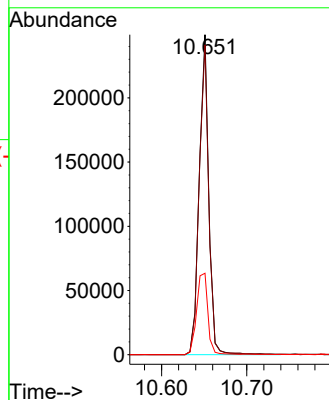
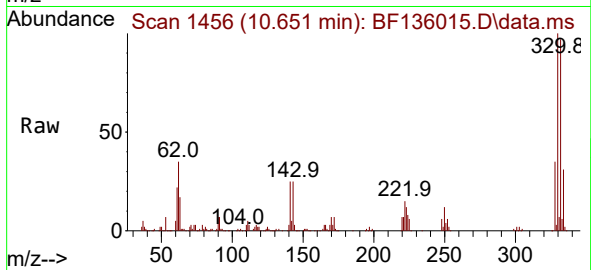
Tgt Ion:330 Resp: 193573

Ion Ratio Lower Upper

330 100

332 97.8 77.4 116.2

141 30.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 63.156 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF136015.D

Acq: 28 Oct 2023 20:15

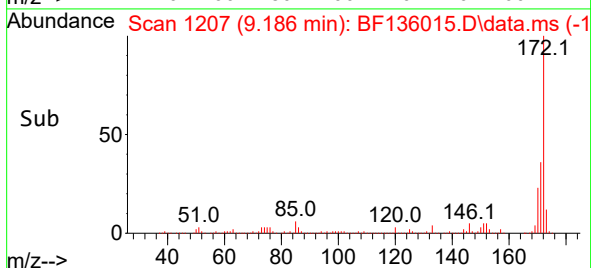
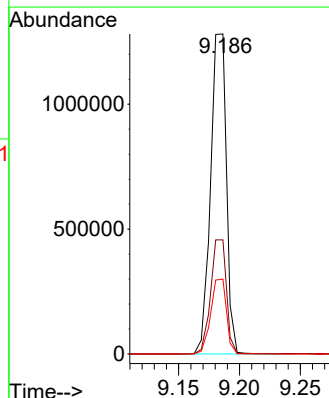
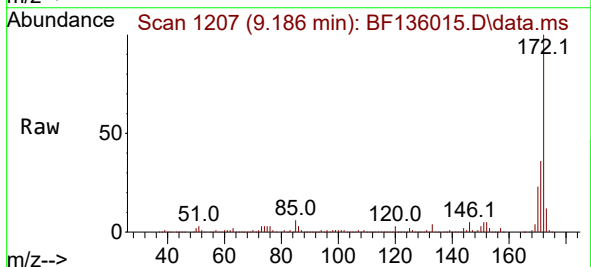
Tgt Ion:172 Resp: 1157819

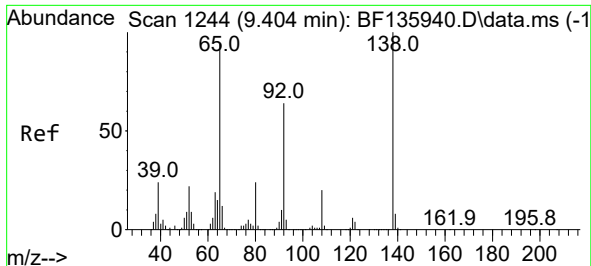
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.4 18.6 28.0

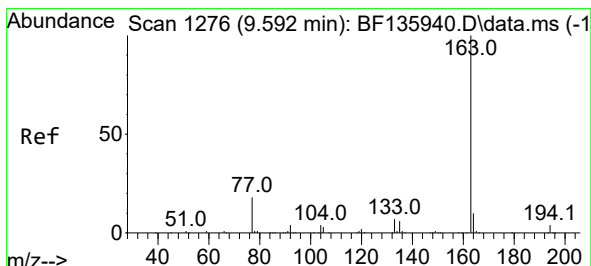
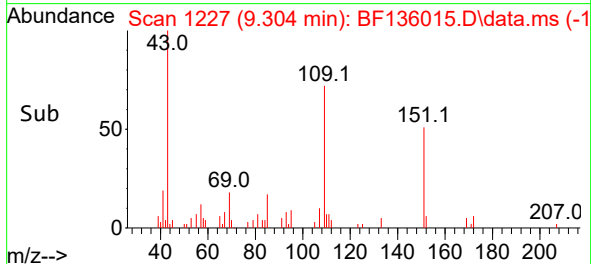
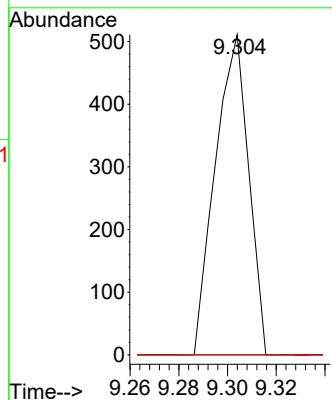
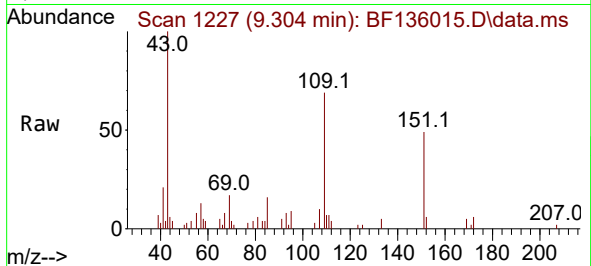




#48
 2-Nitroaniline
 Concen: 4.324 ng
 RT: 9.304 min Scan# 11
 Delta R.T. -0.100 min
 Lab File: BF136015.D
 Acq: 28 Oct 2023 20:15

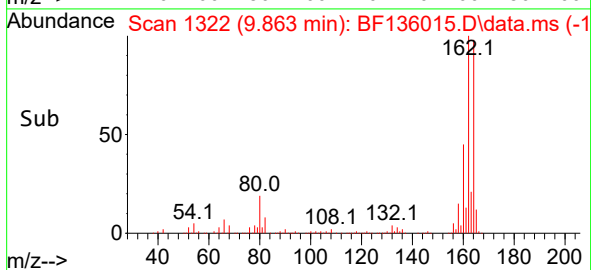
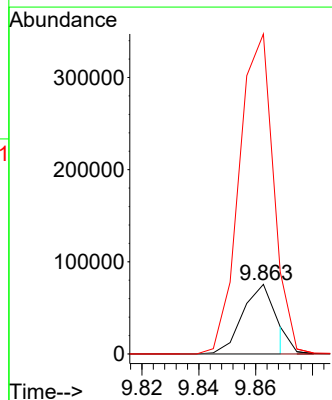
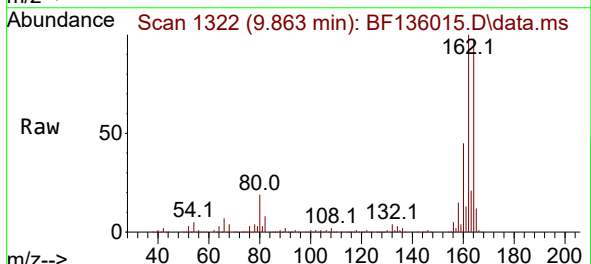
Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

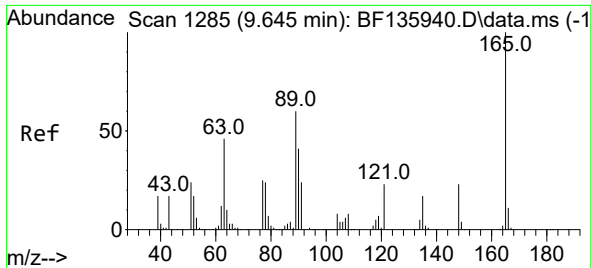
Tgt Ion: 65 Resp: 485
 Ion Ratio Lower Upper
 65 100
 92 0.0 54.9 82.3#
 138 0.0 85.2 127.8#



#50
 Dimethylphthalate
 Concen: 3.219 ng
 RT: 9.863 min Scan# 1322
 Delta R.T. 0.271 min
 Lab File: BF136015.D
 Acq: 28 Oct 2023 20:15

Tgt Ion: 163 Resp: 61284
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.4 5.0#
 164 459.8 8.3 12.5#

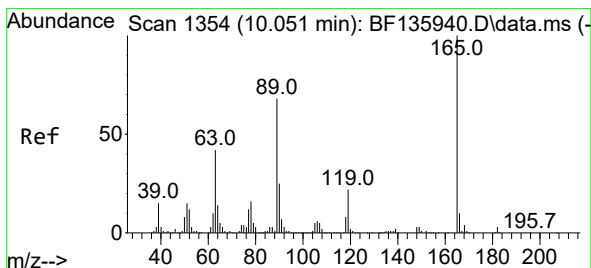
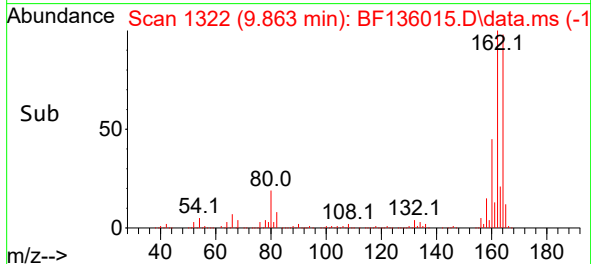
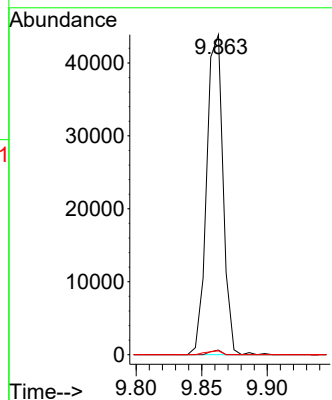
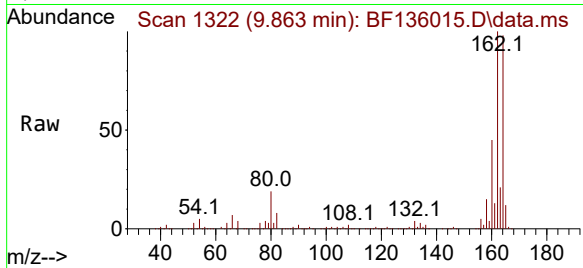




#51
2,6-Dinitrotoluene
Concen: 13.577 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.218 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

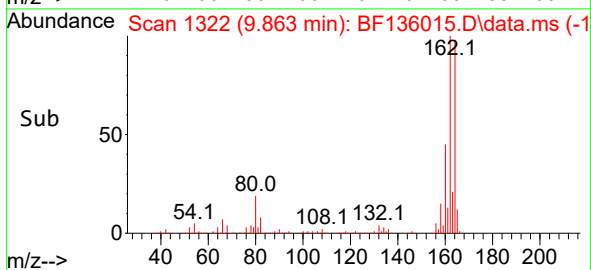
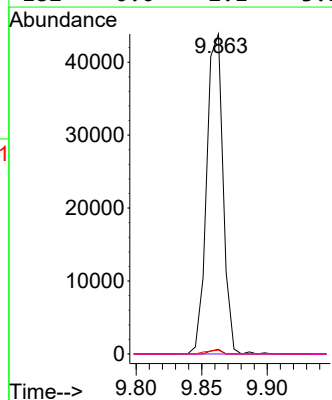
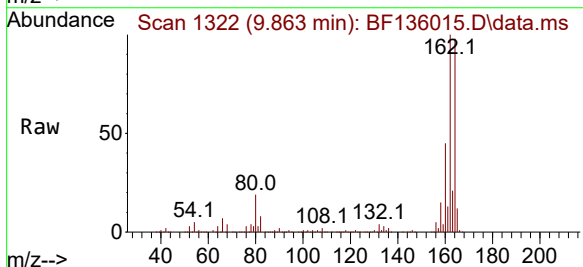
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

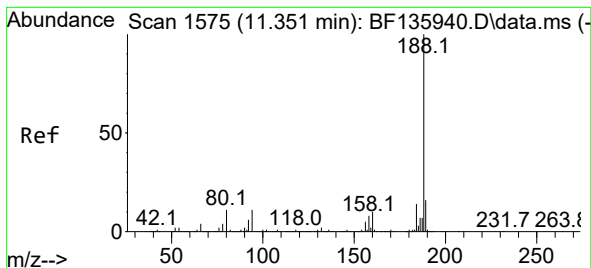
Tgt Ion:165 Resp: 38270
Ion Ratio Lower Upper
165 100
63 1.5 51.7 77.5#
89 1.2 48.3 72.5#



#57
2,4-Dinitrotoluene
Concen: 12.711 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

Tgt Ion:165 Resp: 38270
Ion Ratio Lower Upper
165 100
63 1.5 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: BF136015.D

Acq: 28 Oct 2023 20:15

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

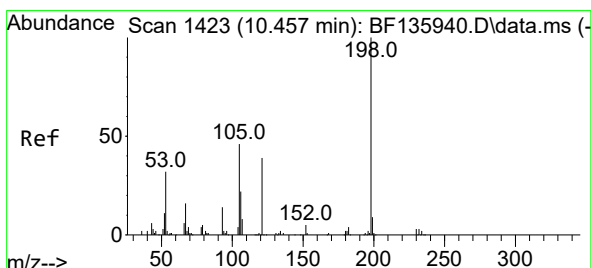
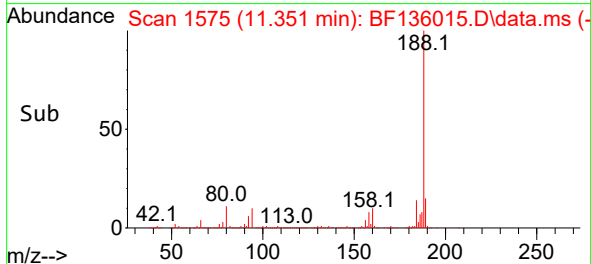
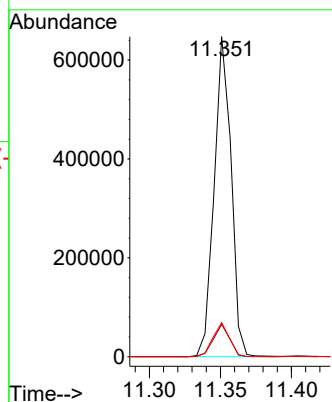
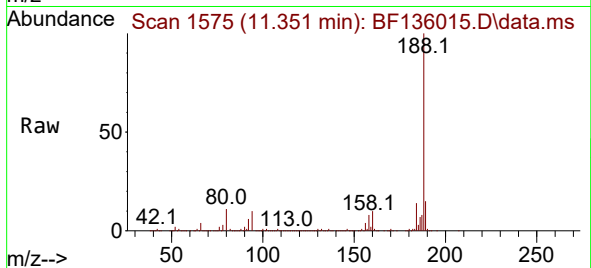
Tgt Ion:188 Resp: 536039

Ion Ratio Lower Upper

188 100

94 10.1 8.6 13.0

80 10.6 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 7.251 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.188 min

Lab File: BF136015.D

Acq: 28 Oct 2023 20:15

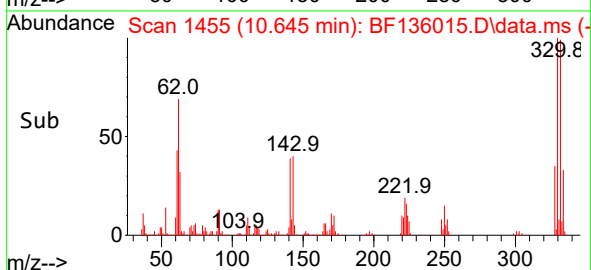
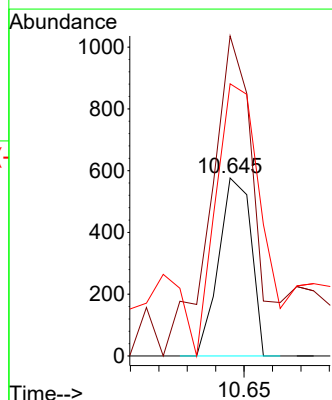
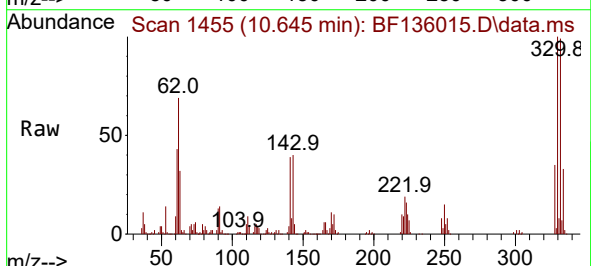
Tgt Ion:198 Resp: 456

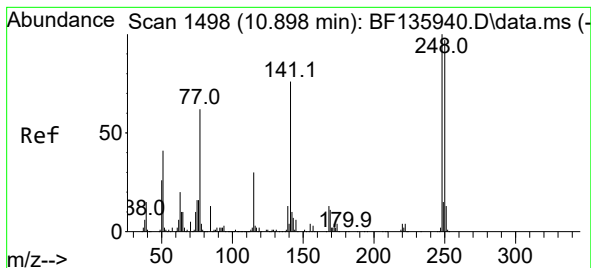
Ion Ratio Lower Upper

198 100

51 179.9 28.7 68.7#

105 153.0 27.2 67.2#

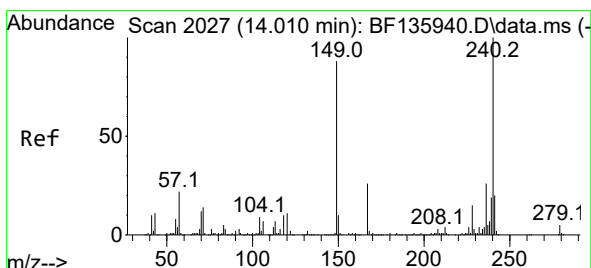
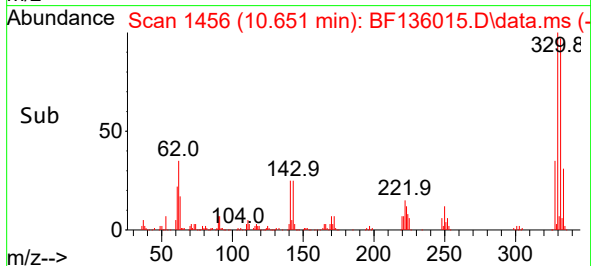
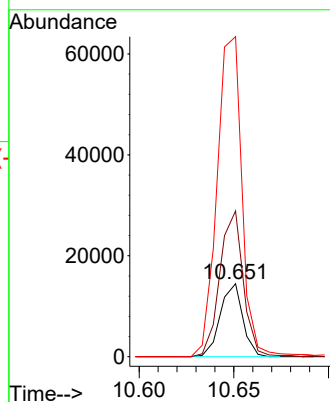
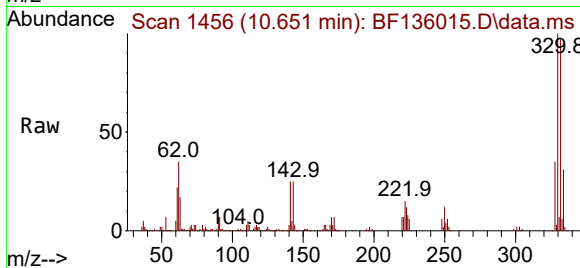




#67
4-Bromophenyl-phenylether
Concen: 2.182 ng
RT: 10.651 min Scan# 1498
Delta R.T. -0.247 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

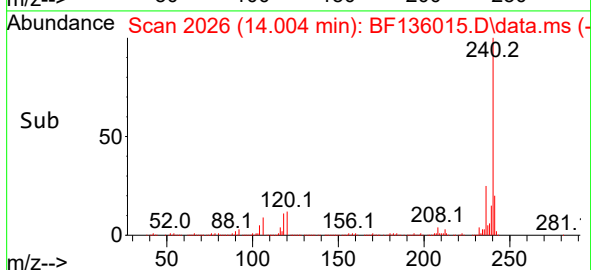
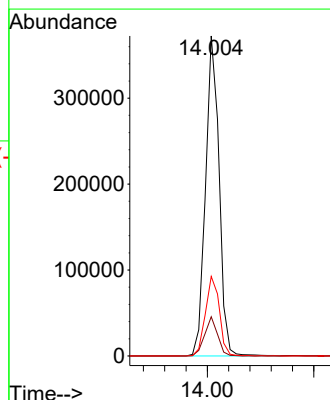
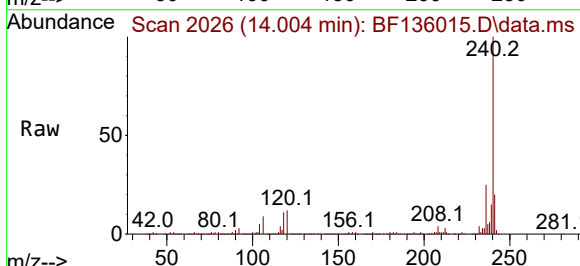
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

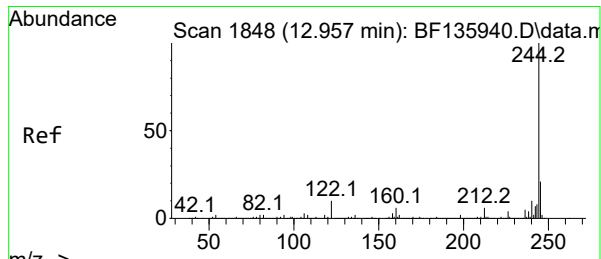
Tgt Ion:248 Resp: 11978
Ion Ratio Lower Upper
248 100
250 199.7 77.9 116.9#
141 438.7 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF136015.D
Acq: 28 Oct 2023 20:15

Tgt Ion:240 Resp: 330283
Ion Ratio Lower Upper
240 100
120 12.3 8.6 13.0
236 24.8 20.6 30.8





#79
 Terphenyl-d14
 Concen: 66.513 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF136015.D
 Acq: 28 Oct 2023 20:15

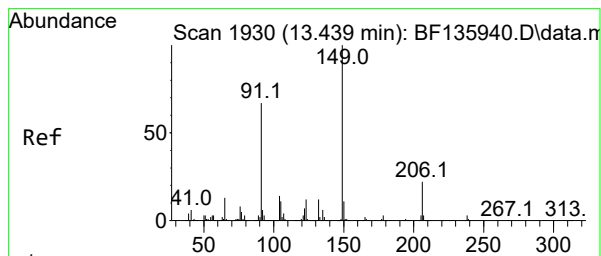
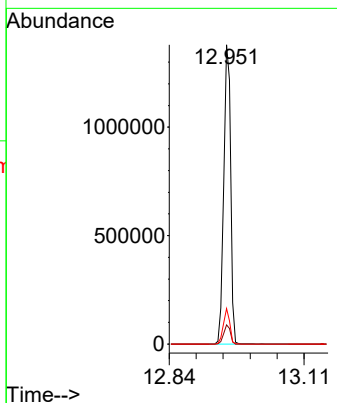
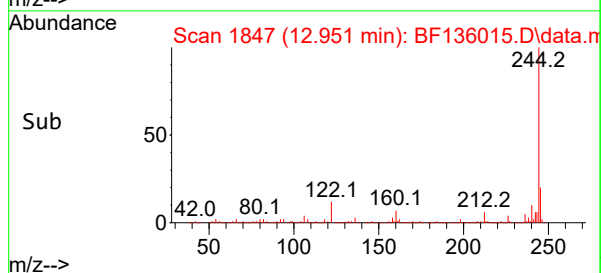
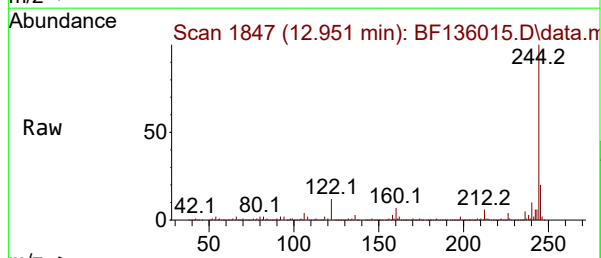
Tgt Ion:244 Resp: 131485
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.6
 122 11.9 8.0 12.0

Instrument :

BNA_F

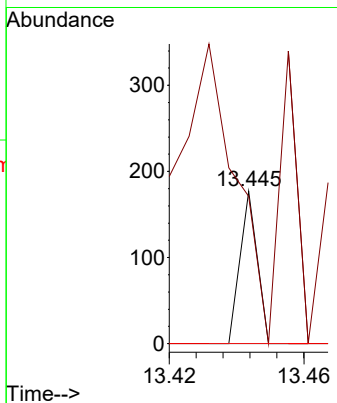
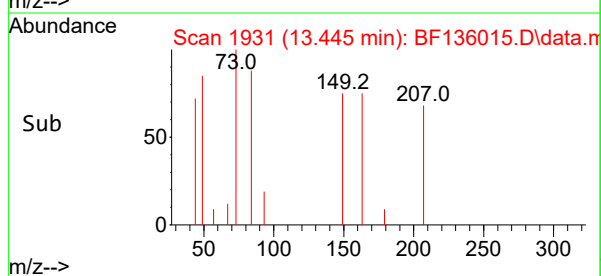
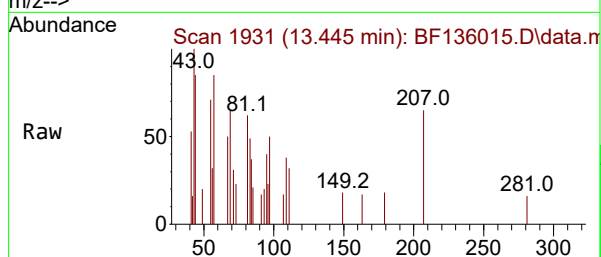
ClientSampleId :

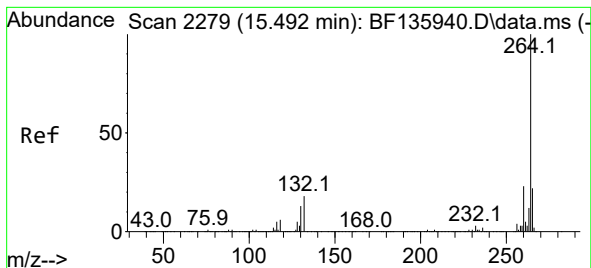
CONC-WC-1



#80
 Butylbenzylphthalate
 Concen: 3.832 ng
 RT: 13.445 min Scan# 1931
 Delta R.T. 0.006 min
 Lab File: BF136015.D
 Acq: 28 Oct 2023 20:15

Tgt Ion:149 Resp: 62
 Ion Ratio Lower Upper
 149 100
 91 96.6 53.4 80.0#
 206 0.0 17.5 26.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF136015.D

Acq: 28 Oct 2023 20:15

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

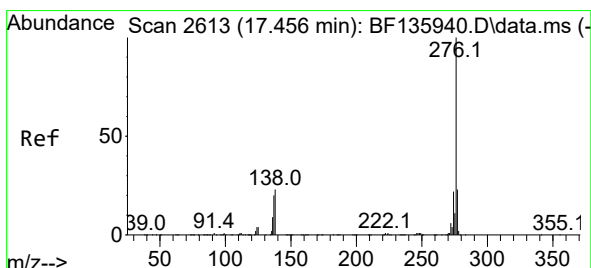
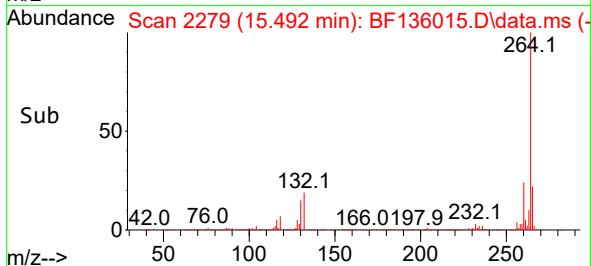
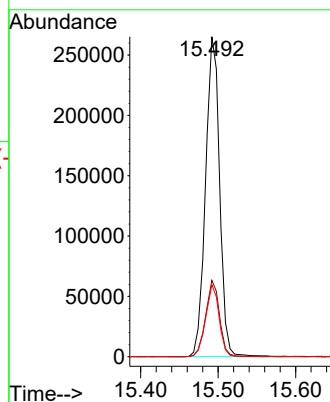
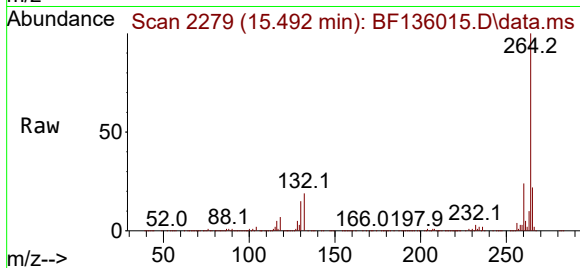
Tgt Ion:264 Resp: 334437

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 22.5 17.3 25.9



#92

Benzo(g,h,i)perylene

Concen: 3.777 ng

RT: 17.439 min Scan# 2610

Delta R.T. -0.017 min

Lab File: BF136015.D

Acq: 28 Oct 2023 20:15

Tgt Ion:276 Resp: 390

Ion Ratio Lower Upper

276 100

277 0.0 18.6 28.0#

138 0.0 18.4 27.6#

