

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137491.D
 Acq On : 04 Mar 2024 20:17
 Operator : CG\JU
 Sample : P1669-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: Mar 04 23:19:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

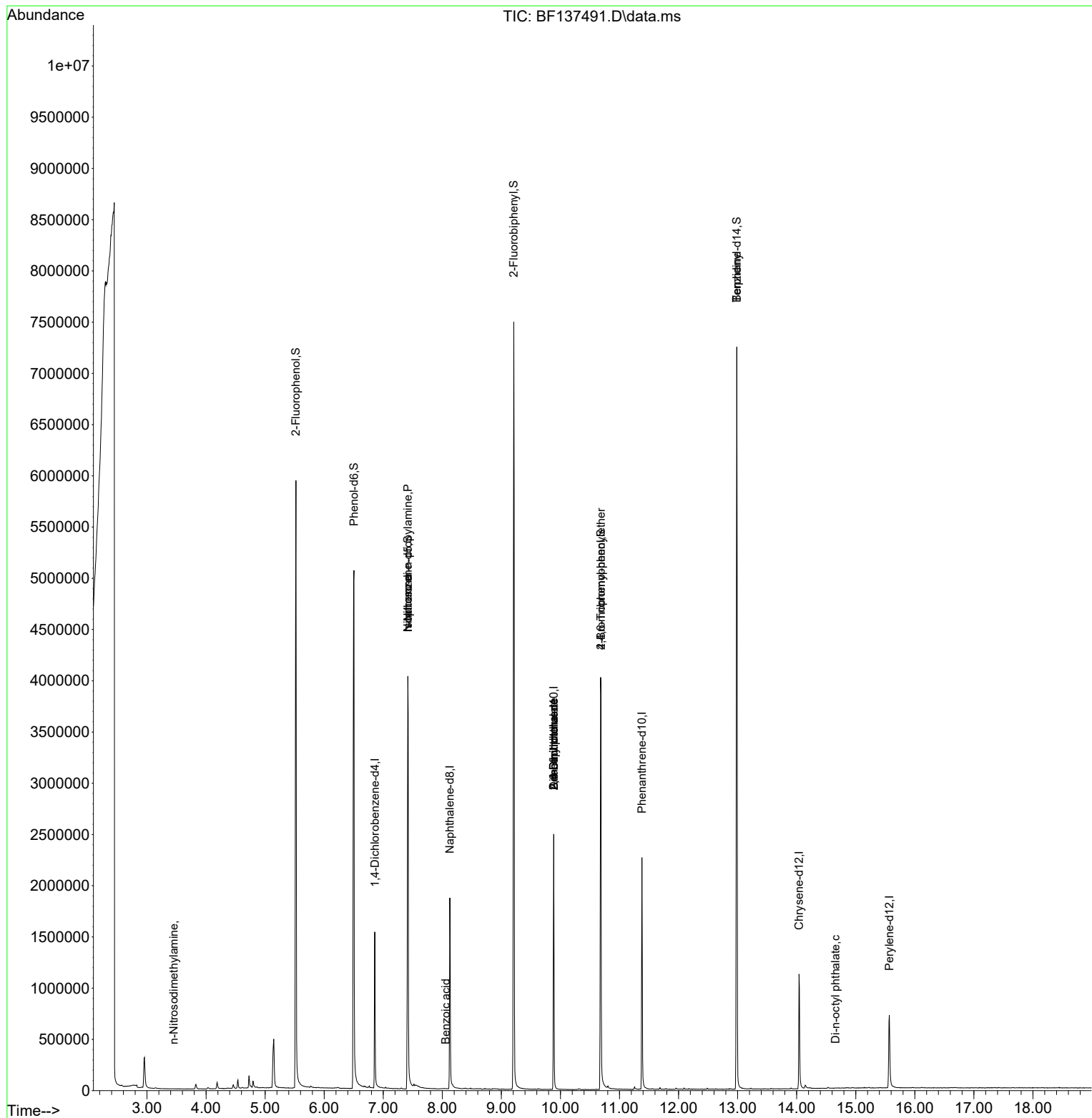
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	216897	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	863286	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	479037	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	797815	20.000	ng	0.00
76) Chrysene-d12	14.039	240	422157	20.000	ng	-0.01
86) Perylene-d12	15.568	264	388664	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1756445	122.648	ng	0.01
7) Phenol-d6	6.504	99	2232209	107.983	ng	0.00
23) Nitrobenzene-d5	7.416	82	1644184	88.494	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	575836	136.883	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2607301	85.199	ng	0.00
79) Terphenyl-d14	12.986	244	2834880	92.341	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.451	42	519	3.871	ng	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	215772	16.903	ng	# 82
25) Isophorone	7.416	82	1644175	46.580	ng	# 69
32) Benzoic acid	8.057	122	854	6.392	ng	91
50) Dimethylphthalate	9.886	163	78229	2.346	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	60192	8.630	ng	# 20
57) 2,4-Dinitrotoluene	9.886	165	60266	7.033	ng	# 21
67) 4-Bromophenyl-phenylether	10.686	248	38196	4.396	ng	# 1
77) Benzidine	12.986	184	33578	3.250	ng	# 94
85) Di-n-octyl phthalate	14.657	149	1015	5.641	ng	# 65

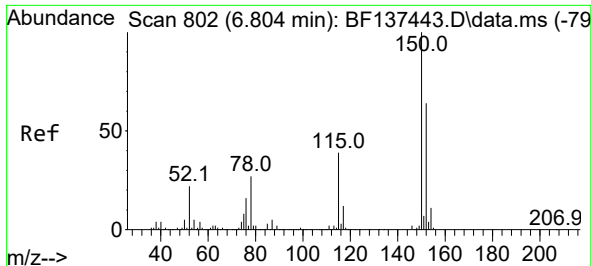
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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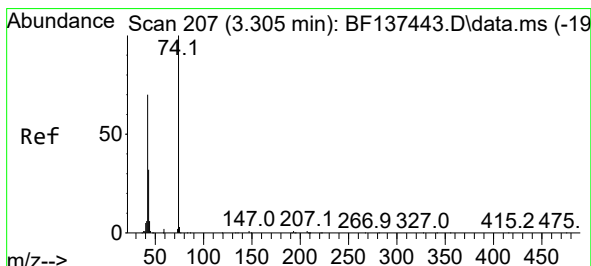
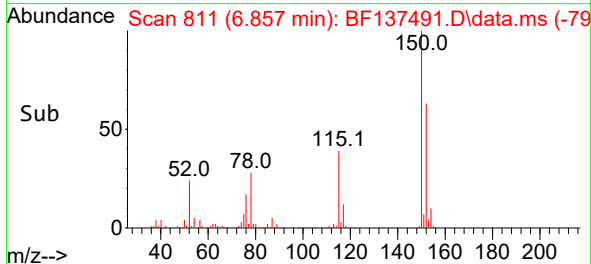
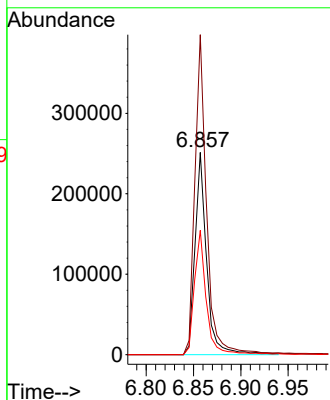
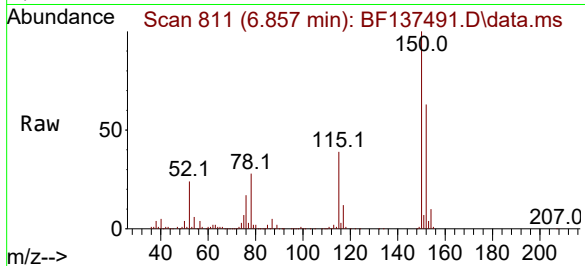




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

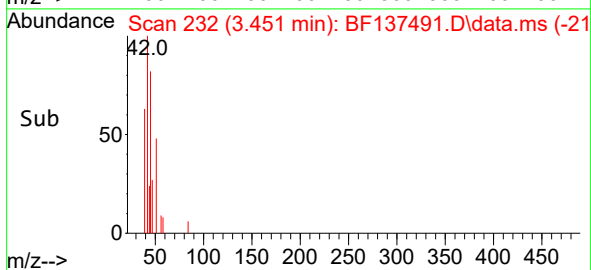
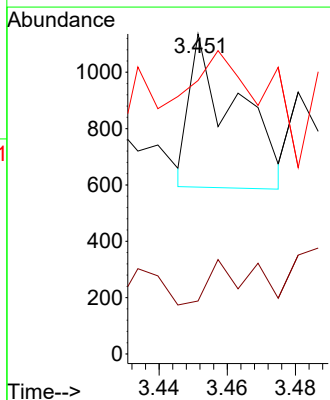
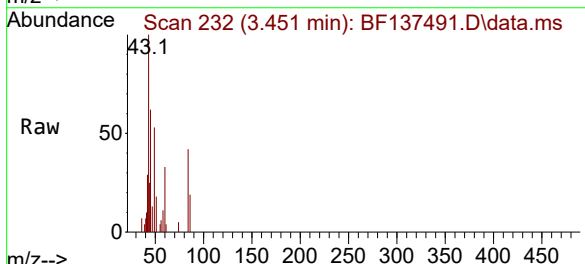
Instrument :
BNA_F
ClientSampleId :
TP-6

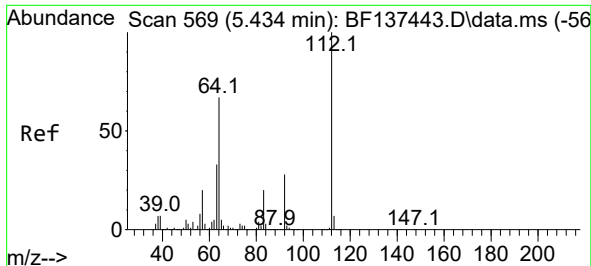
Tgt Ion:152 Resp: 216897
Ion Ratio Lower Upper
152 100
150 158.2 125.8 188.6
115 61.5 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.871 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.006 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

Tgt Ion: 42 Resp: 519
Ion Ratio Lower Upper
42 100
74 16.5 114.0 171.0#
44 85.5 7.0 10.4#

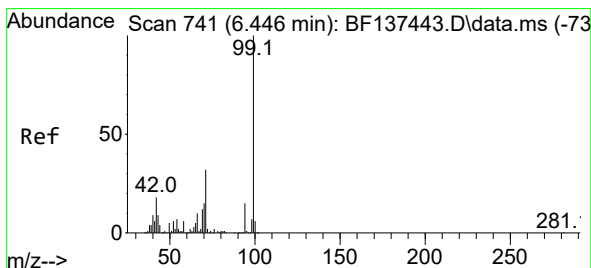
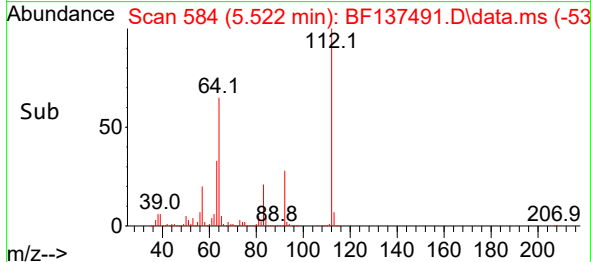
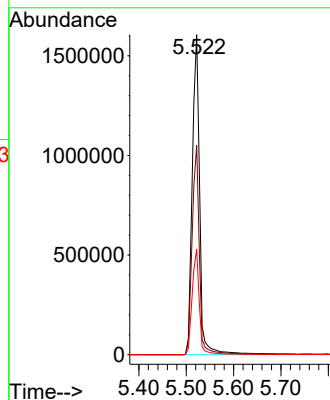
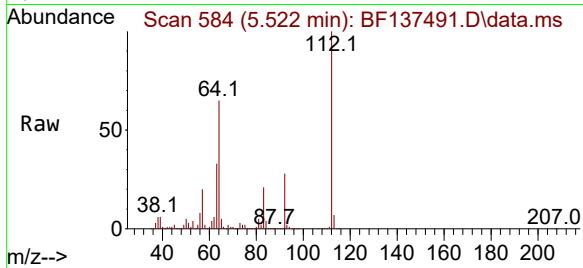




#5
2-Fluorophenol
Concen: 122.648 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

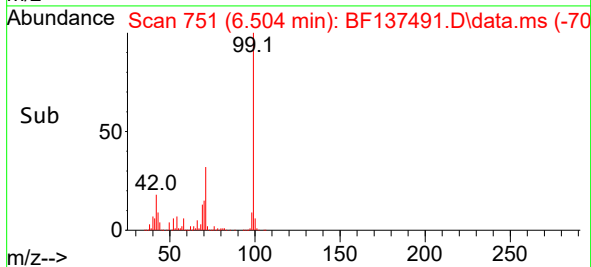
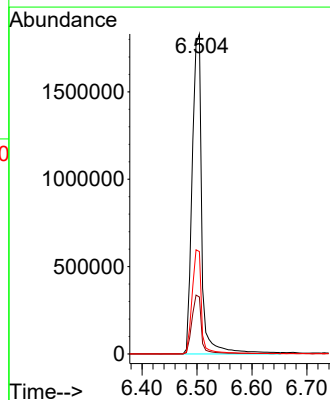
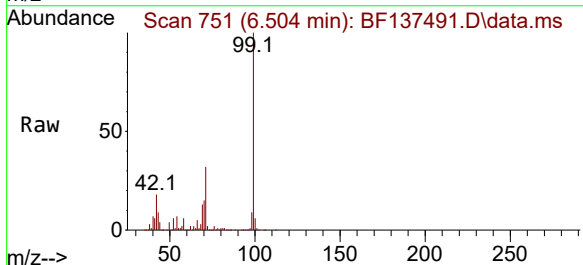
Instrument :
BNA_F
ClientSampleId :
TP-6

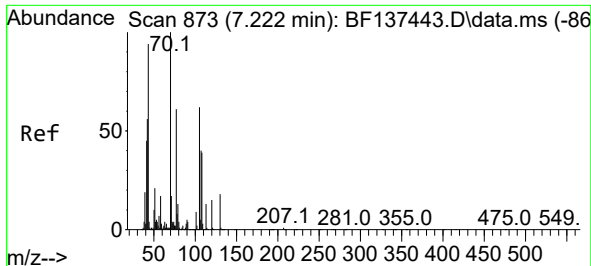
Tgt Ion:112 Resp: 1756445
Ion Ratio Lower Upper
112 100
64 65.4 53.4 80.2
63 33.0 26.2 39.2



#7
Phenol-d6
Concen: 107.983 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

Tgt Ion: 99 Resp: 2232209
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 32.0 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 16.903 ng

RT: 7.416 min Scan# 90

Delta R.T. 0.135 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

Instrument :

BNA_F

ClientSampleId :

TP-6

Tgt Ion: 70 Resp: 215772

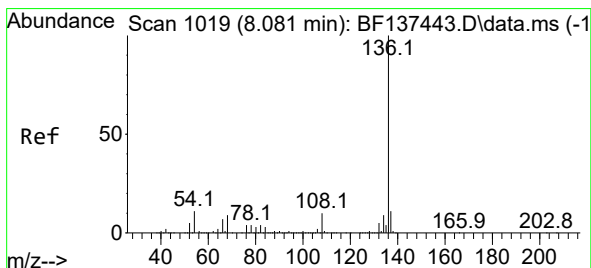
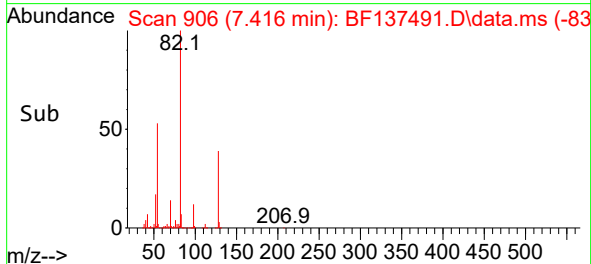
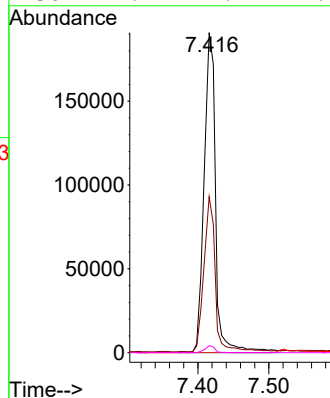
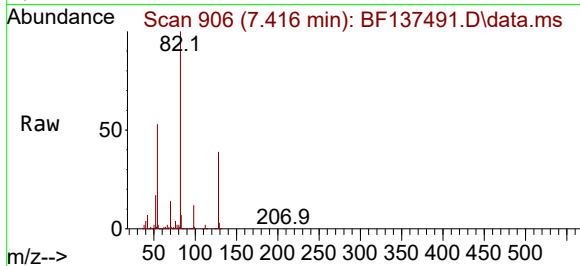
Ion Ratio Lower Upper

70 100

42 48.7 45.2 67.8

101 0.0 7.3 10.9#

130 2.2 14.7 22.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1027

Delta R.T. -0.006 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

Tgt Ion:136 Resp: 863286

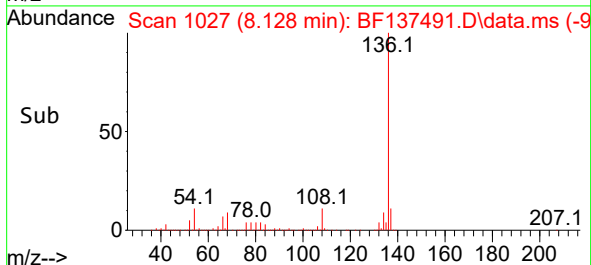
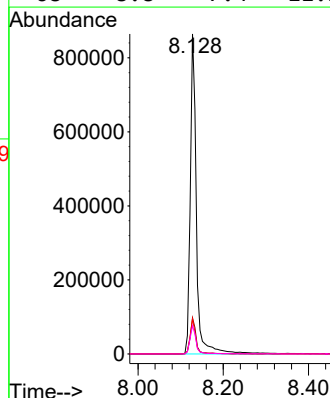
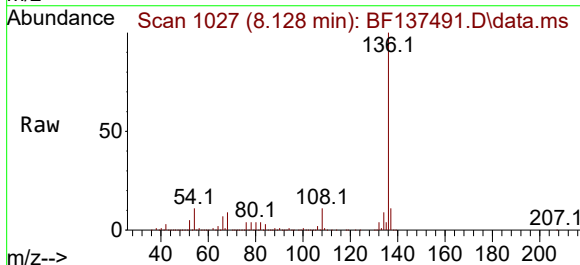
Ion Ratio Lower Upper

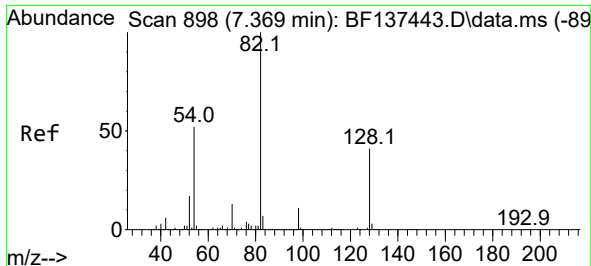
136 100

137 11.3 9.1 13.7

54 11.0 8.5 12.7

68 8.8 7.4 11.2





#23

Nitrobenzene-d5

Concen: 88.494 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

Instrument :

BNA_F

ClientSampleId :

TP-6

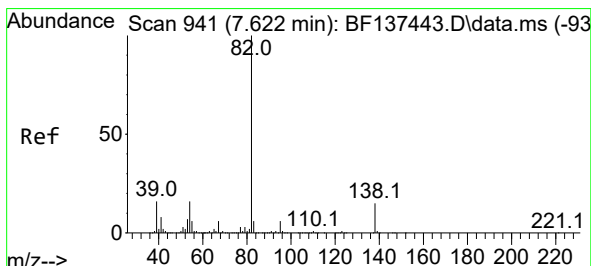
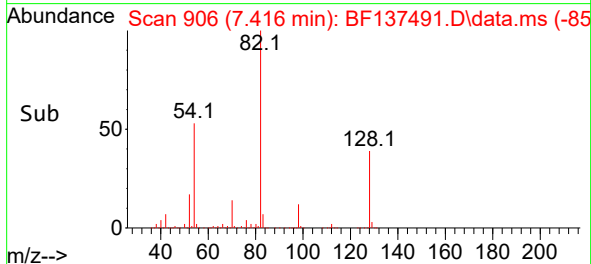
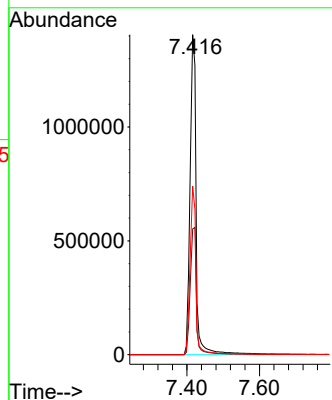
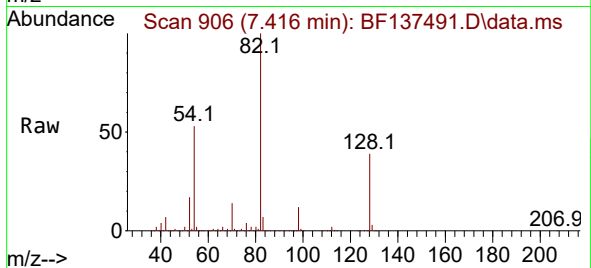
Tgt Ion: 82 Resp: 1644184

Ion Ratio Lower Upper

82 100

128 39.3 32.5 48.7

54 52.6 41.5 62.3



#25

Isophorone

Concen: 46.580 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.265 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

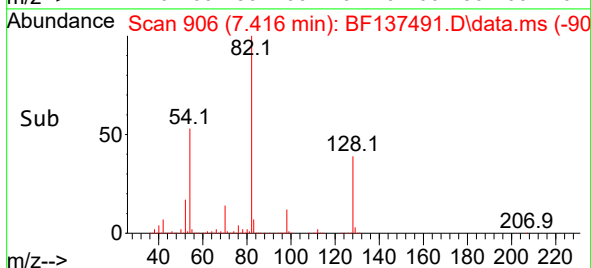
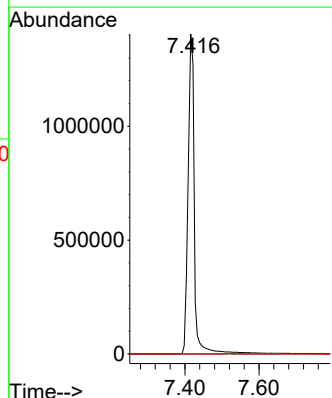
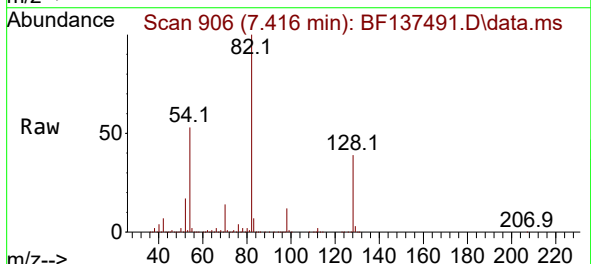
Tgt Ion: 82 Resp: 1644175

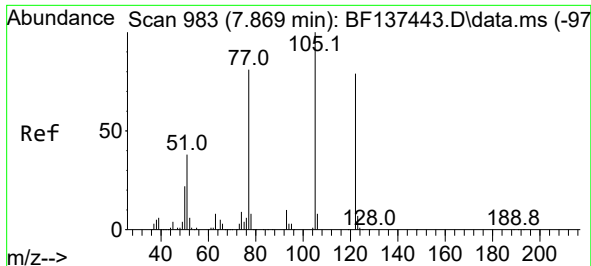
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

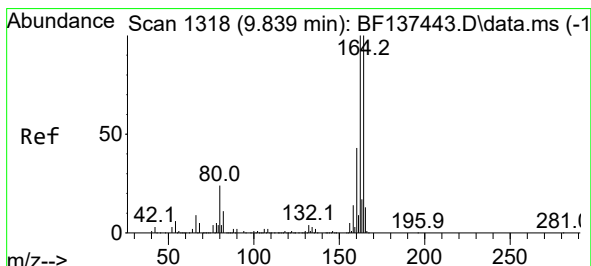
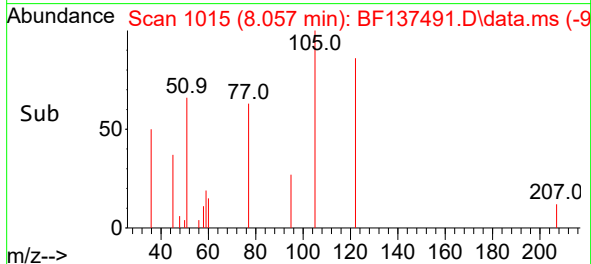
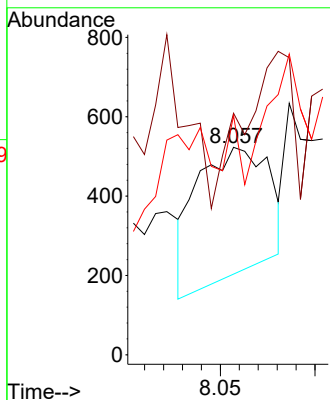
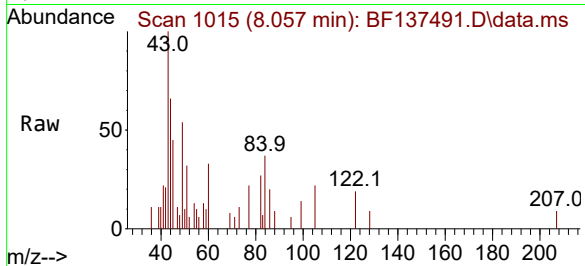




#32
Benzoic acid
Concen: 6.392 ng
RT: 8.057 min Scan# 1015
Delta R.T. 0.129 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

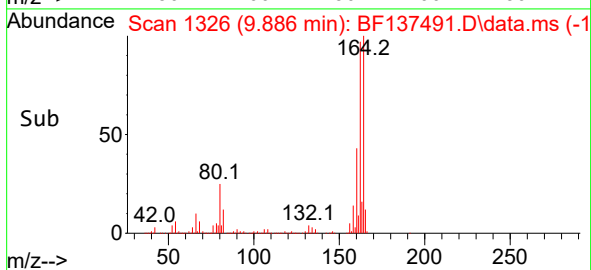
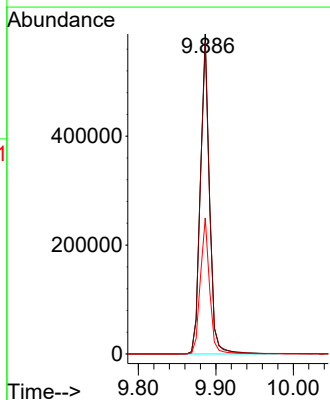
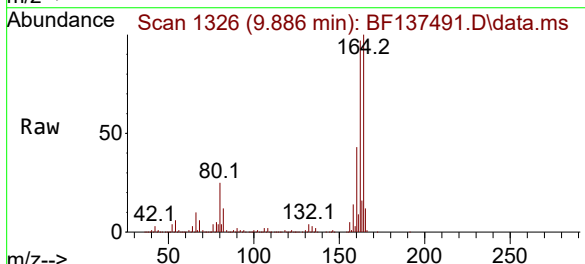
Instrument :
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ClientSampleId :
TP-6

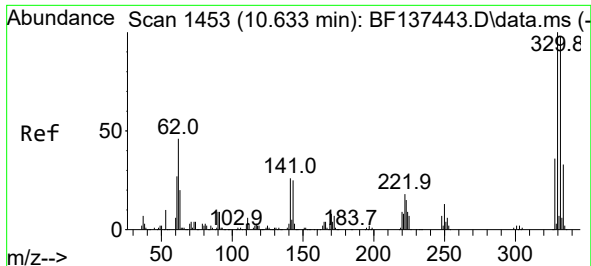
Tgt Ion:122 Resp: 854
Ion Ratio Lower Upper
122 100
105 116.4 102.4 142.4
77 115.3 81.1 121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

Tgt Ion:164 Resp: 479037
Ion Ratio Lower Upper
164 100
162 97.4 79.8 119.8
160 42.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 136.883 ng

RT: 10.686 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

Instrument :

BNA_F

ClientSampleId :

TP-6

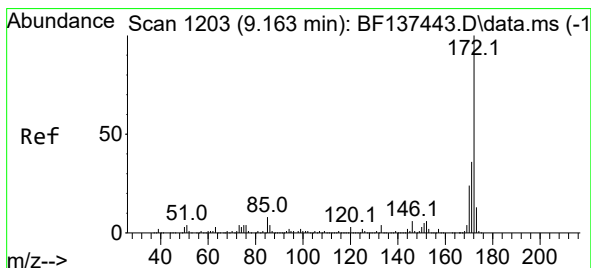
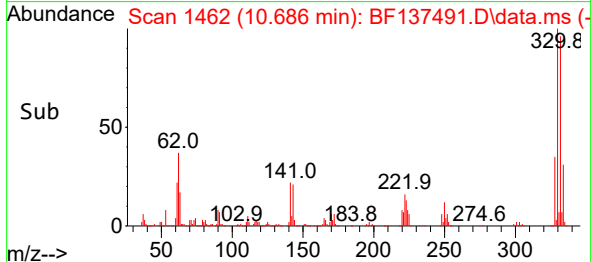
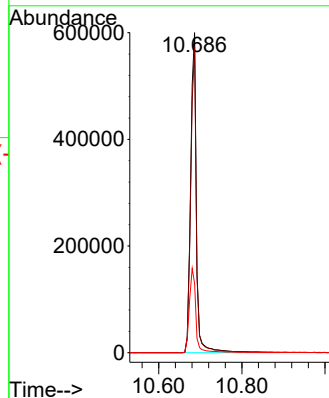
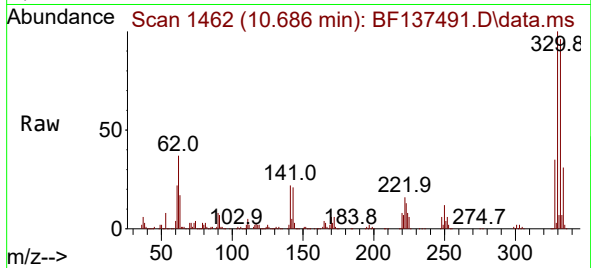
Tgt Ion:330 Resp: 575836

Ion Ratio Lower Upper

330 100

332 94.5 78.0 117.0

141 29.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 85.199 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137491.D

Acq: 04 Mar 2024 20:17

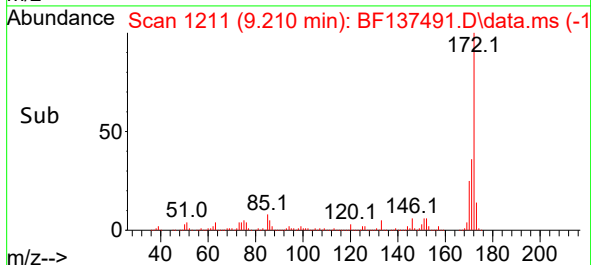
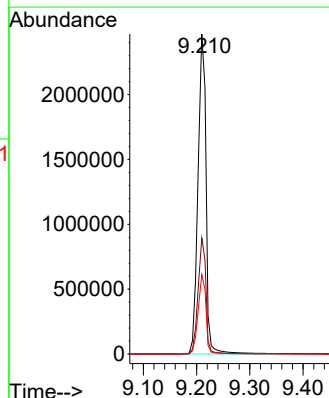
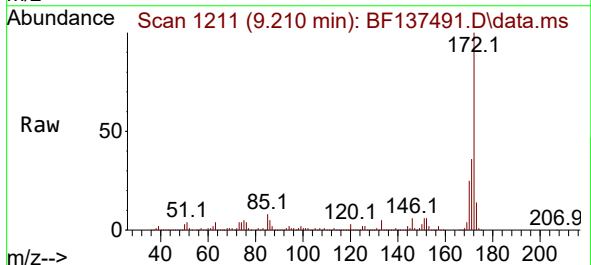
Tgt Ion:172 Resp: 2607301

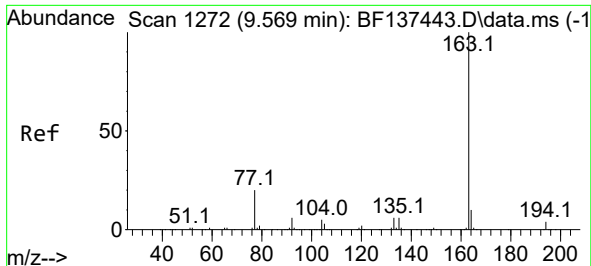
Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 24.8 19.0 28.6

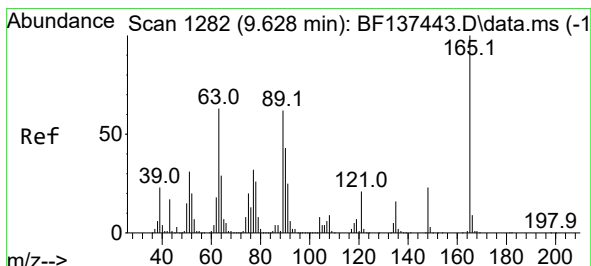
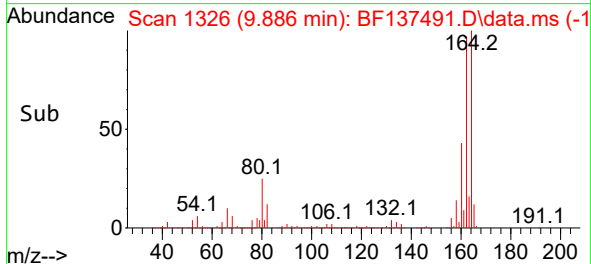
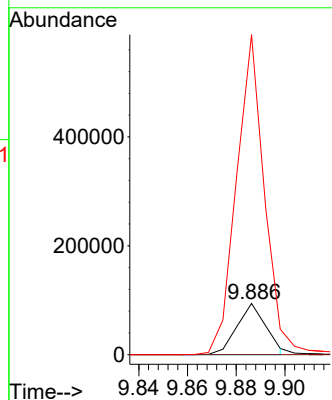
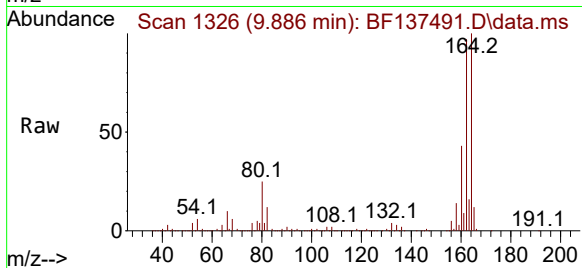




#50
Dimethylphthalate
Concen: 2.346 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.259 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

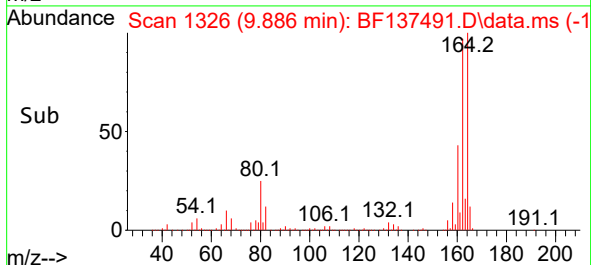
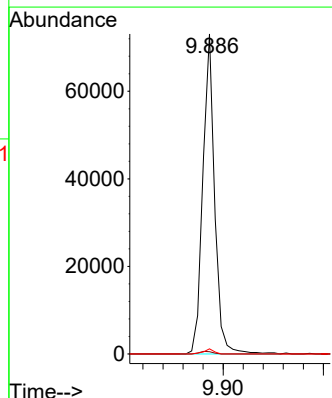
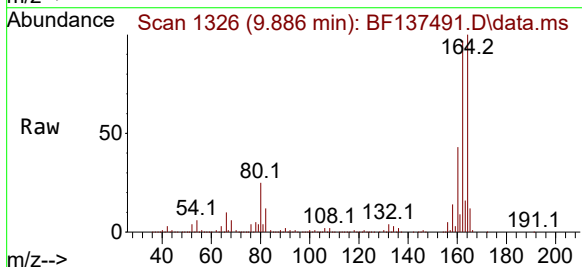
Instrument :
BNA_F
ClientSampleId :
TP-6

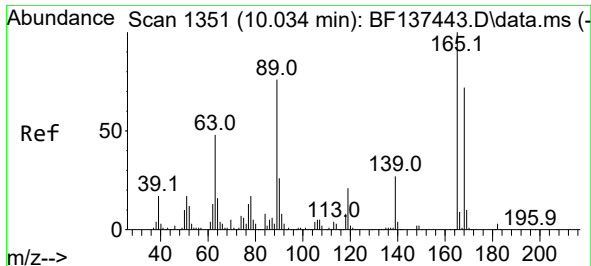
Tgt Ion:163 Resp: 78229
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 624.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.630 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.200 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

Tgt Ion:165 Resp: 60192
Ion Ratio Lower Upper
165 100
63 0.7 50.7 76.1#
89 1.6 50.0 75.0#

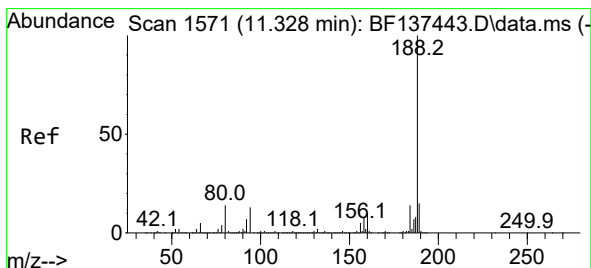
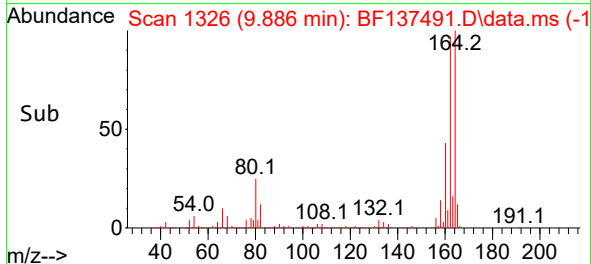
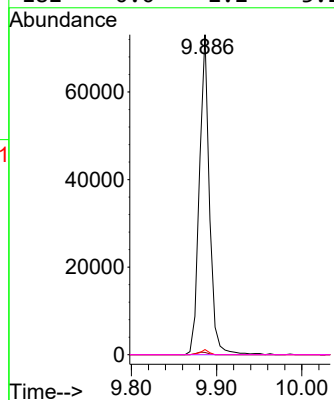
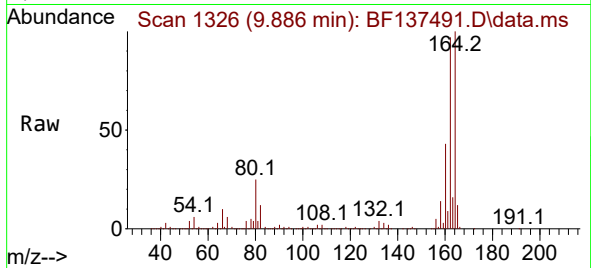




#57
2,4-Dinitrotoluene
Concen: 7.033 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

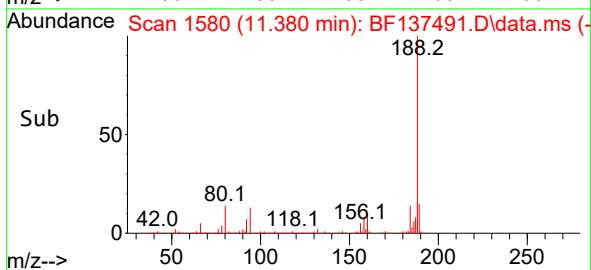
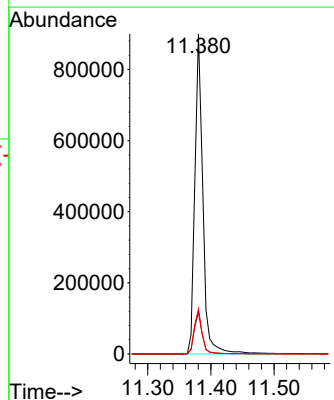
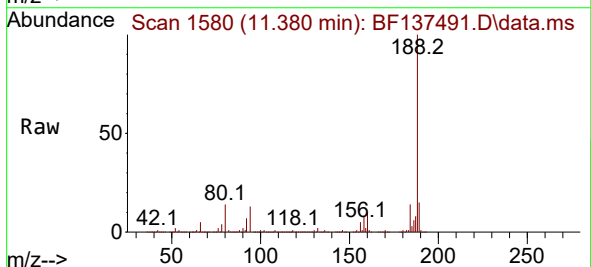
Instrument :
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TP-6

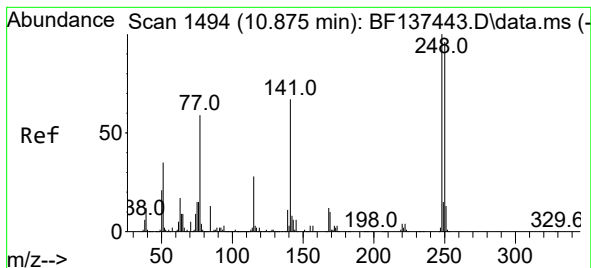
Tgt Ion:165 Resp: 60266
Ion Ratio Lower Upper
165 100
63 0.7 39.0 58.6#
89 1.6 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

Tgt Ion:188 Resp: 797815
Ion Ratio Lower Upper
188 100
94 13.0 10.6 15.8
80 14.2 11.5 17.3

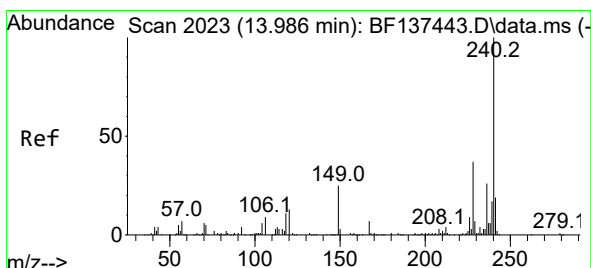
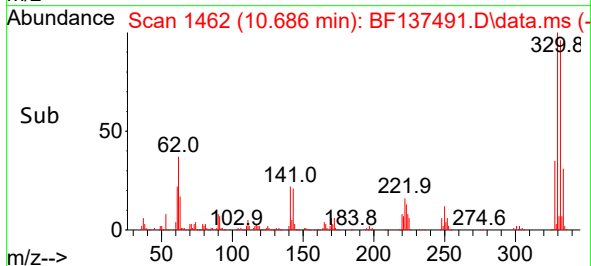
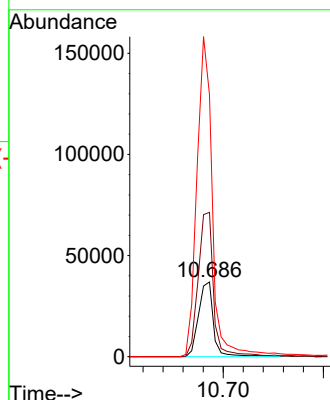
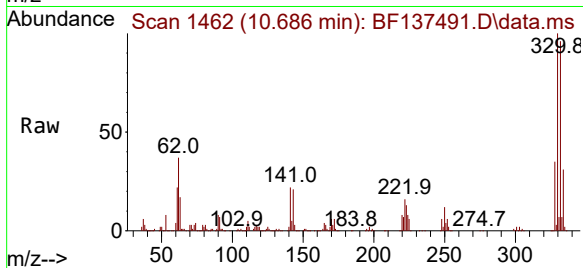




#67
4-Bromophenyl-phenylether
Concen: 4.396 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

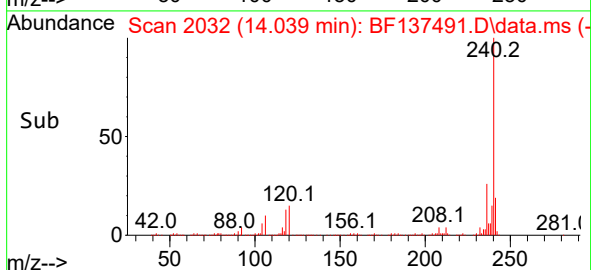
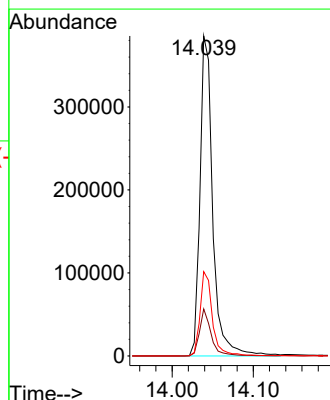
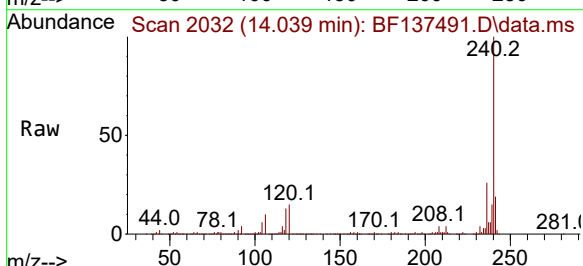
Instrument :
BNA_F
ClientSampleId :
TP-6

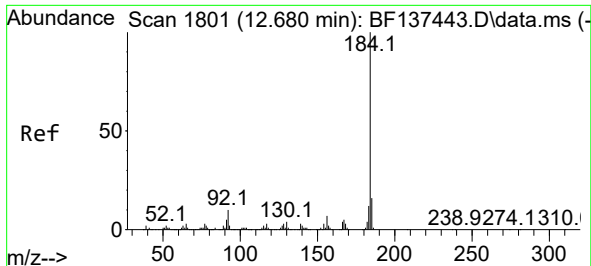
Tgt Ion:248 Resp: 38196
Ion Ratio Lower Upper
248 100
250 192.9 76.8 115.2#
141 350.2 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

Tgt Ion:240 Resp: 422157
Ion Ratio Lower Upper
240 100
120 14.7 10.4 15.6
236 26.4 20.9 31.3

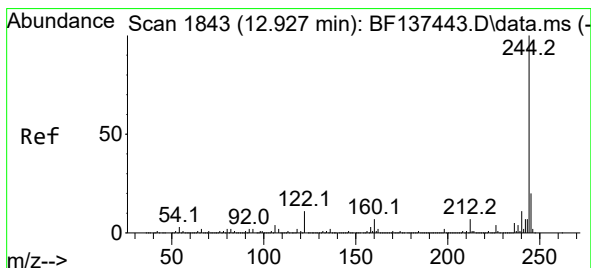
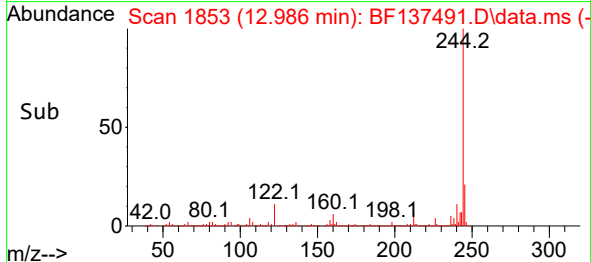
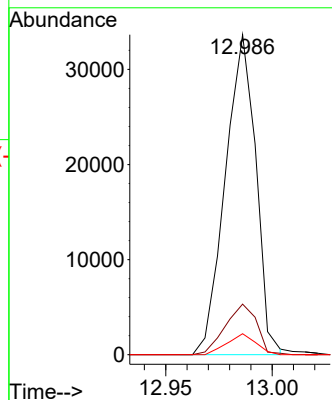
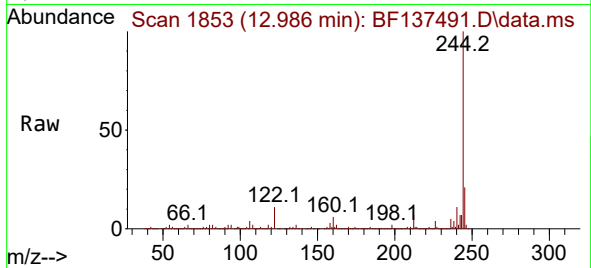




#77
Benzidine
Concen: 3.250 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

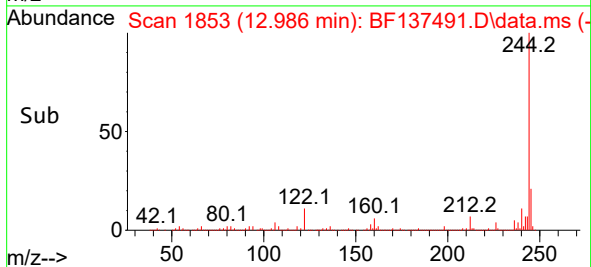
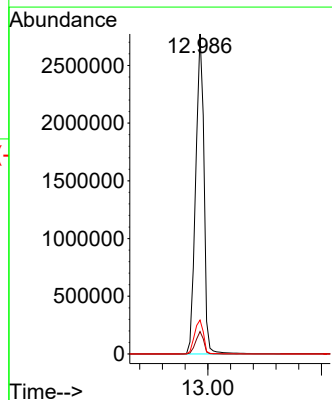
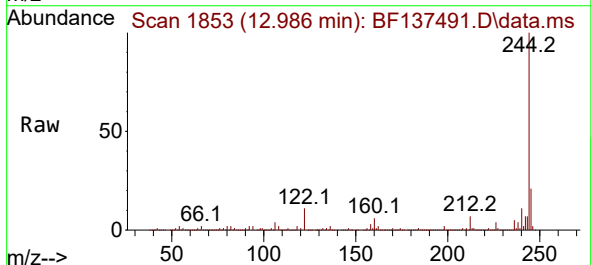
Instrument :
BNA_F
ClientSampleId :
TP-6

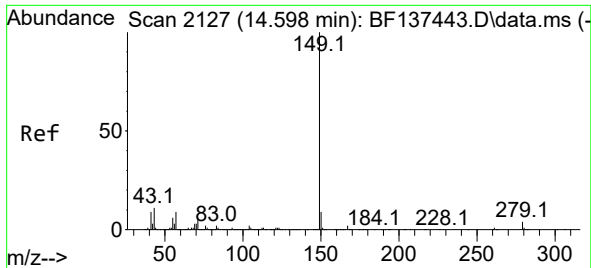
Tgt Ion:184 Resp: 33578
Ion Ratio Lower Upper
184 100
185 15.8 13.2 19.8
183 6.6 9.3 13.9#



#79
Terphenyl-d14
Concen: 92.341 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

Tgt Ion:244 Resp: 2834880
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.6 9.1 13.7

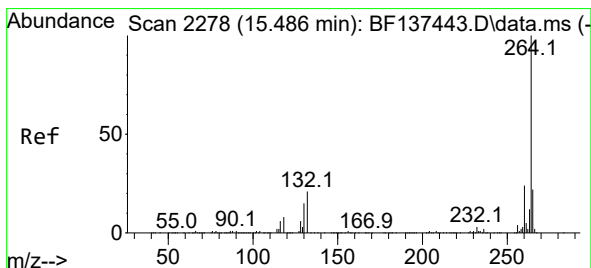
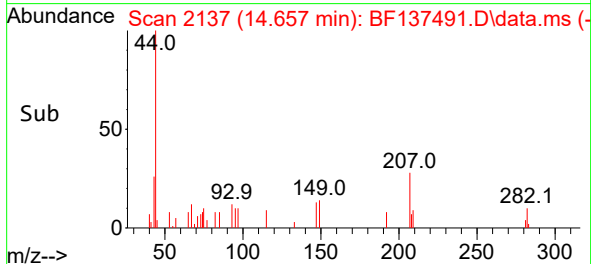
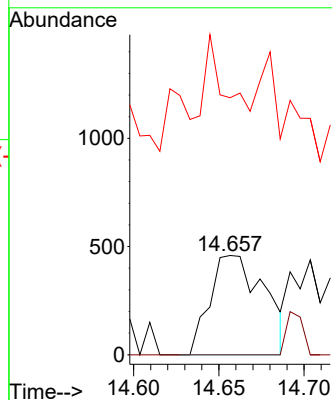
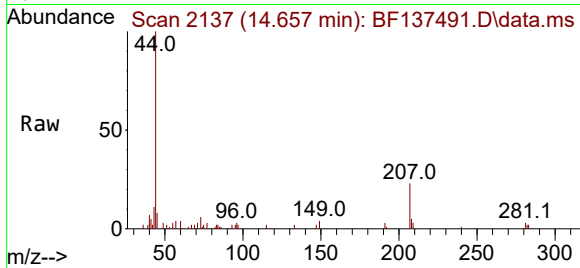




#85
Di-n-octyl phthalate
Concen: 5.641 ng
RT: 14.657 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:149 Resp: 1015
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 27.3 9.6 14.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.000 min
Lab File: BF137491.D
Acq: 04 Mar 2024 20:17

Tgt Ion:264 Resp: 388664
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 20.8 17.4 26.0

