

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137489.D
 Acq On : 04 Mar 2024 19:18
 Operator : CG\JU
 Sample : P1669-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Quant Time: Mar 04 23:19:04 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)

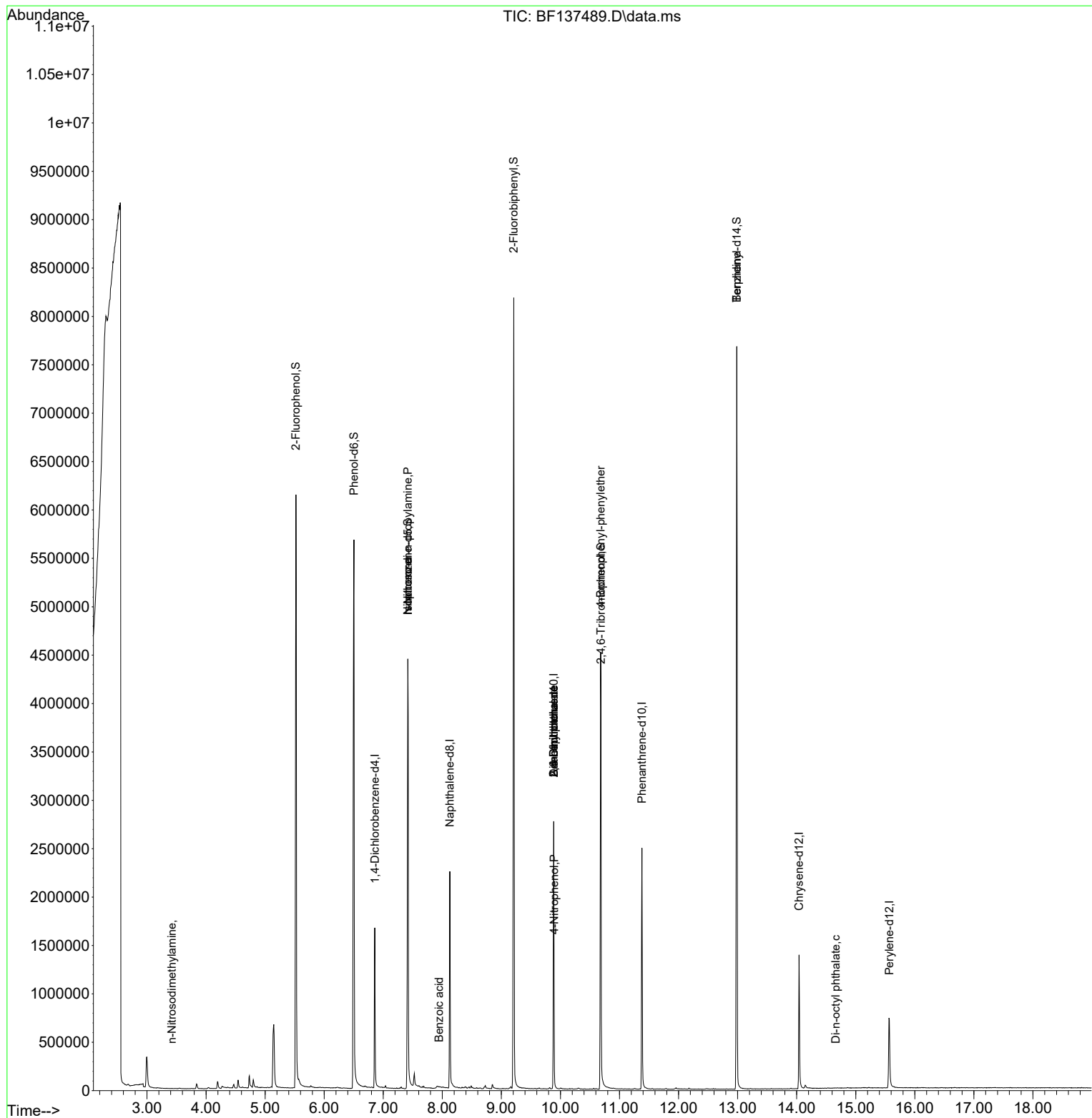
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	241880	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	958375	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	536105	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	899934	20.000	ng	0.00
76) Chrysene-d12	14.039	240	460044	20.000	ng	-0.01
86) Perylene-d12	15.568	264	398646	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1906565	119.380	ng	0.01
7) Phenol-d6	6.504	99	2458694	106.654	ng	0.00
23) Nitrobenzene-d5	7.416	82	1758570	85.259	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	619619	131.612	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2753022	80.385	ng	0.00
79) Terphenyl-d14	12.986	244	3021223	90.307	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.422	42	798	3.895	ng	# 9
19) n-Nitroso-di-n-propyla...	7.416	70	235202	16.522	ng	# 81
25) Isophorone	7.416	82	1758559	44.877	ng	# 69
32) Benzoic acid	7.945	122	18114	8.076	ng	# 79
50) Dimethylphthalate	9.886	163	88254	2.365	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	70122	8.983	ng	# 20
56) 4-Nitrophenol	9.892	139	67	4.537	ng	# 1
57) 2,4-Dinitrotoluene	9.886	165	70122	7.312	ng	# 20
67) 4-Bromophenyl-phenylether	10.680	248	40810	4.163	ng	# 1
77) Benzidine	12.986	184	35517	3.155	ng	# 94
85) Di-n-octyl phthalate	14.663	149	1526	5.655	ng	# 82

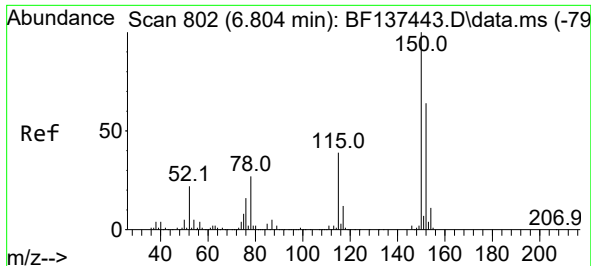
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
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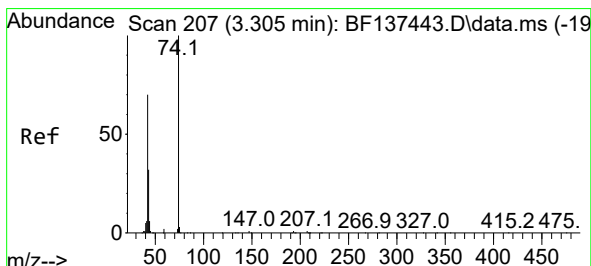
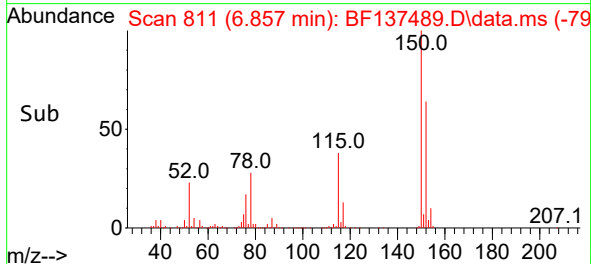
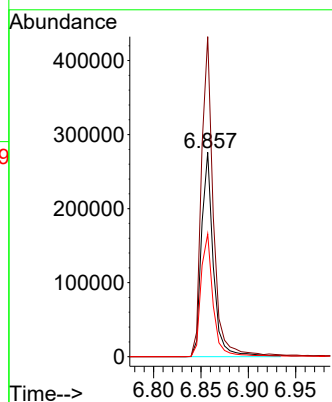
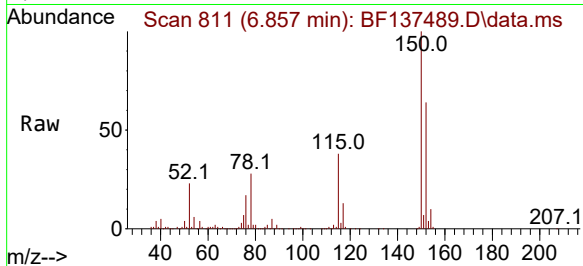




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

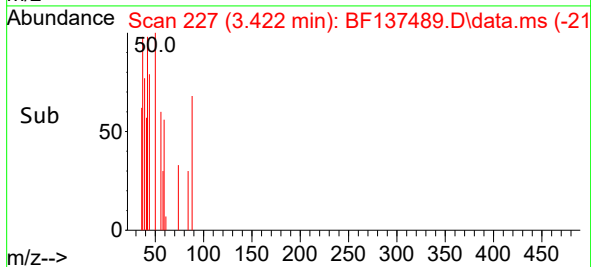
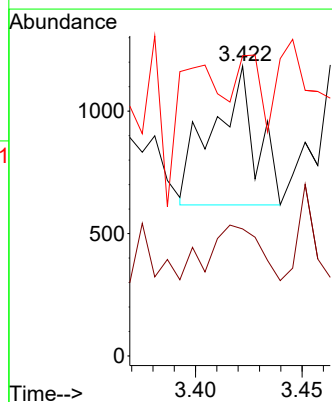
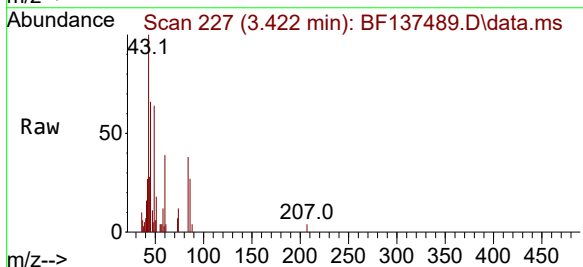
Instrument :
BNA_F
ClientSampleId :
TP-14

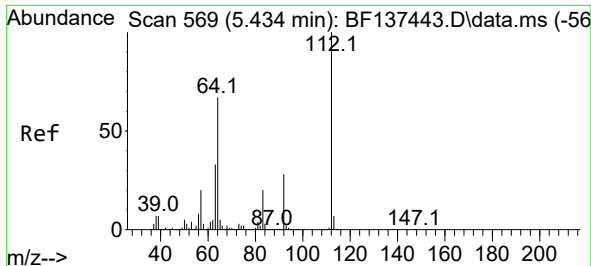
Tgt Ion:152 Resp: 241880
Ion Ratio Lower Upper
152 100
150 156.6 125.8 188.6
115 60.0 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.895 ng
RT: 3.422 min Scan# 227
Delta R.T. -0.023 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

Tgt Ion: 42 Resp: 798
Ion Ratio Lower Upper
42 100
74 43.8 114.0 171.0#
44 103.5 7.0 10.4#

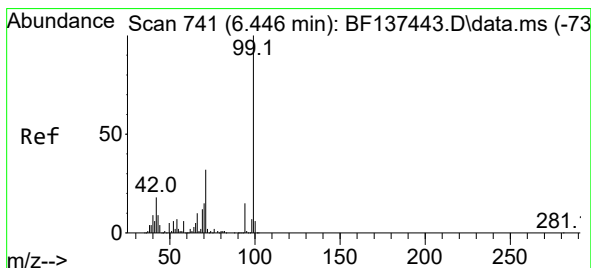
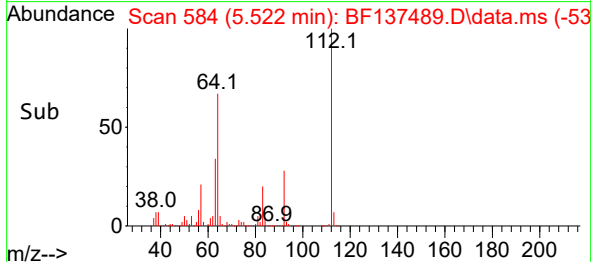
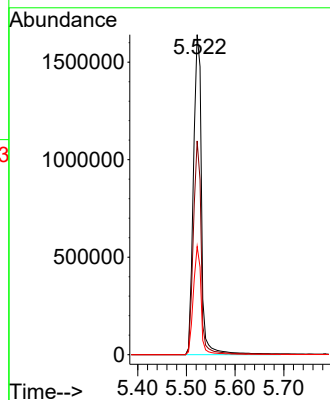
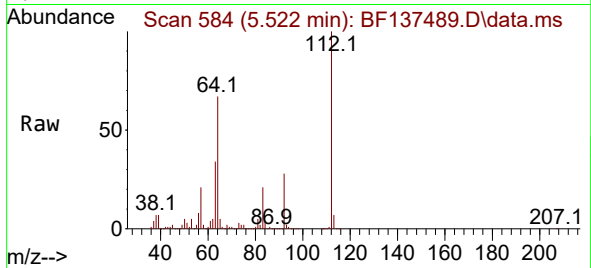




#5
2-Fluorophenol
Concen: 119.380 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

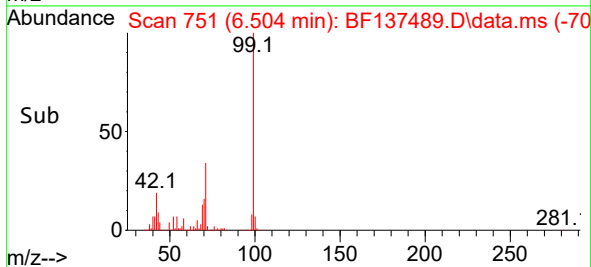
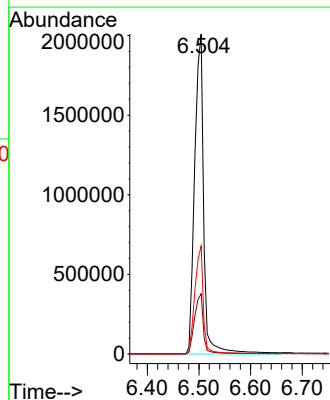
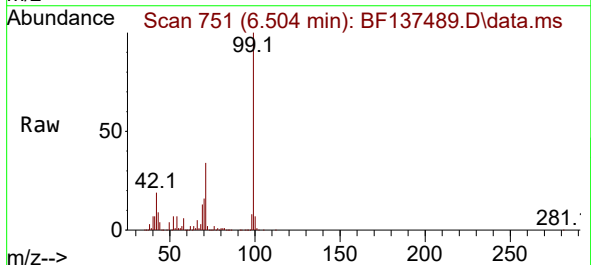
Instrument :
BNA_F
ClientSampleId :
TP-14

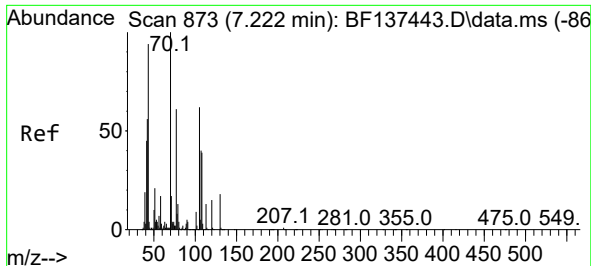
Tgt Ion:112 Resp: 1906565
Ion Ratio Lower Upper
112 100
64 66.8 53.4 80.2
63 33.8 26.2 39.2



#7
Phenol-d6
Concen: 106.654 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

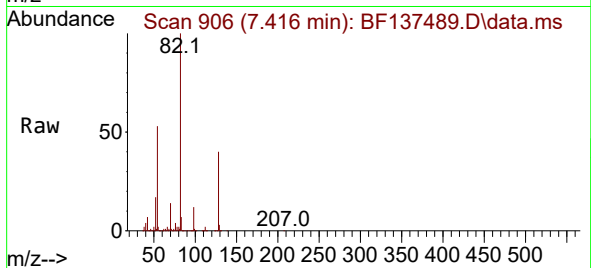
Tgt Ion: 99 Resp: 2458694
Ion Ratio Lower Upper
99 100
42 18.8 14.6 21.8
71 33.8 25.3 37.9



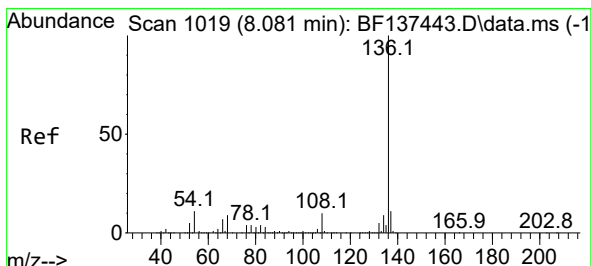
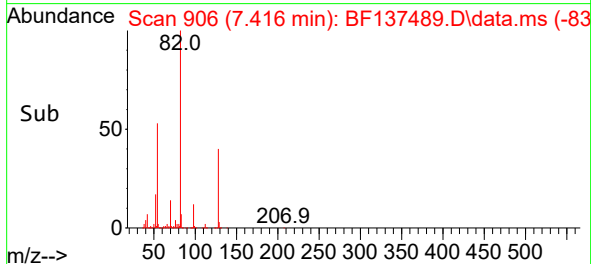
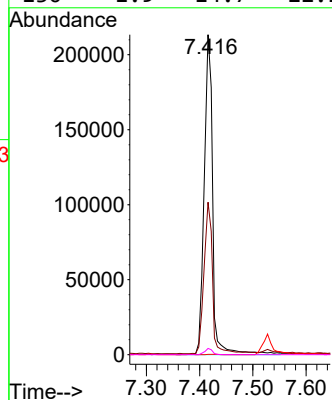


#19
n-Nitroso-di-n-propylamine
Concen: 16.522 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.135 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

Instrument :
BNA_F
ClientSampleId :
TP-14

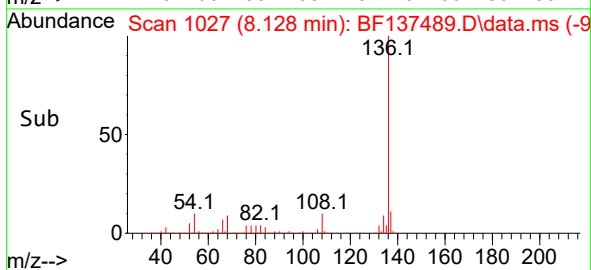
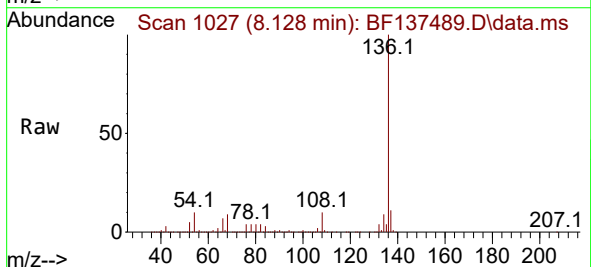
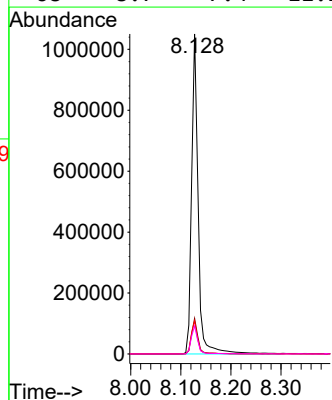


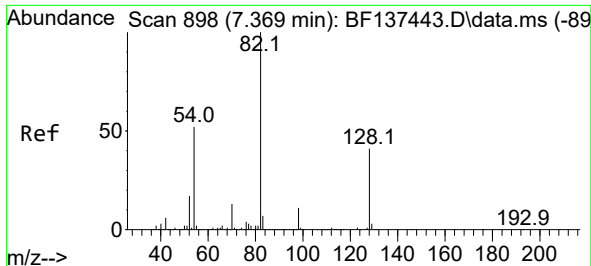
Tgt Ion: 70 Resp: 235202
Ion Ratio Lower Upper
70 100
42 47.6 45.2 67.8
101 0.1 7.3 10.9#
130 1.9 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

Tgt Ion:136 Resp: 958375
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.3 8.5 12.7
68 8.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 85.259 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137489.D

Acq: 04 Mar 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-14

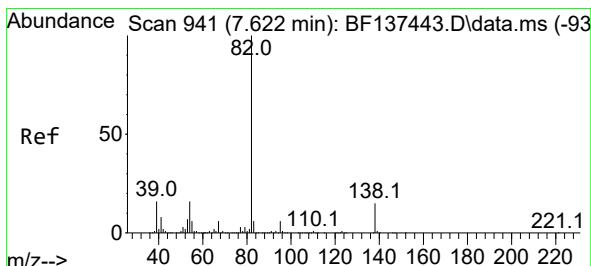
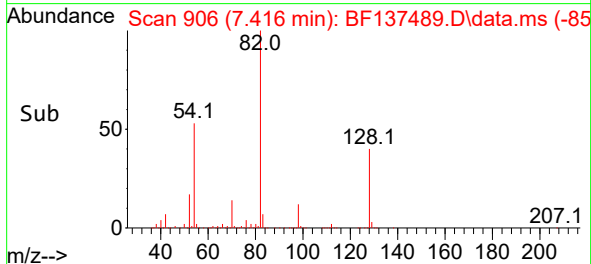
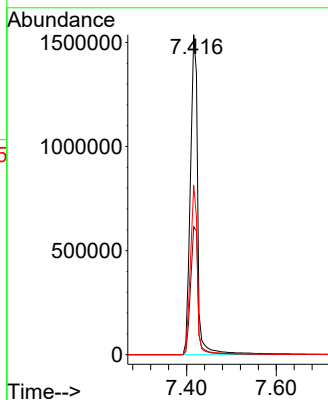
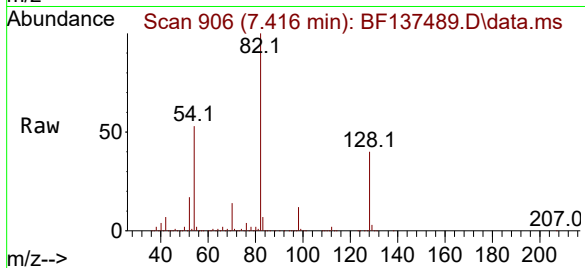
Tgt Ion: 82 Resp: 1758570

Ion Ratio Lower Upper

82 100

128 40.0 32.5 48.7

54 52.9 41.5 62.3



#25

Isophorone

Concen: 44.877 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.265 min

Lab File: BF137489.D

Acq: 04 Mar 2024 19:18

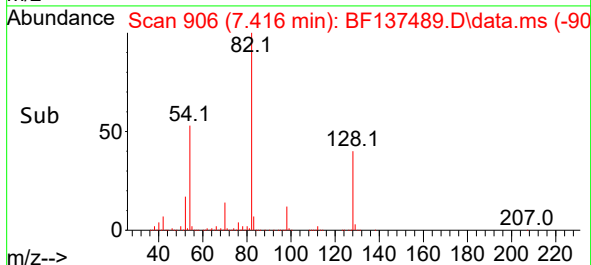
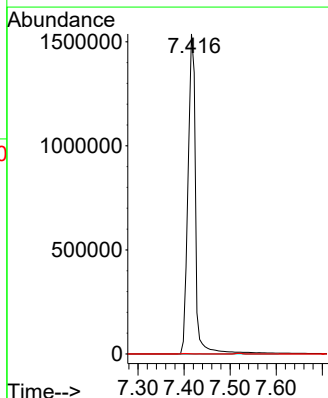
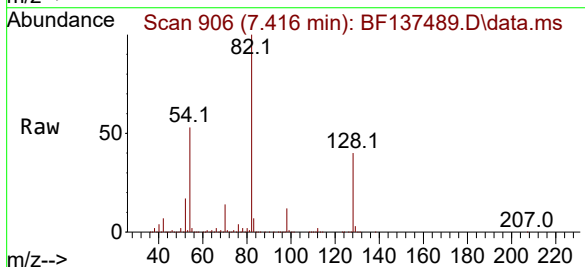
Tgt Ion: 82 Resp: 1758559

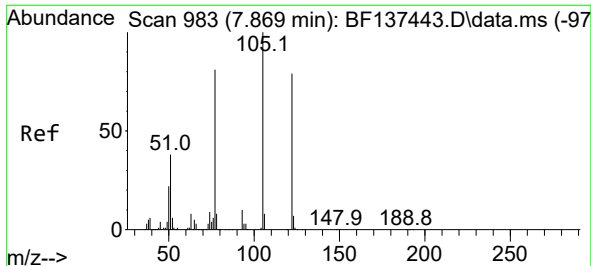
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

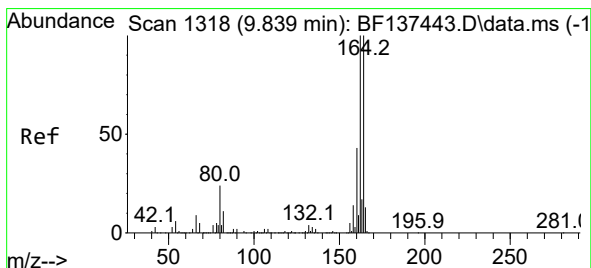
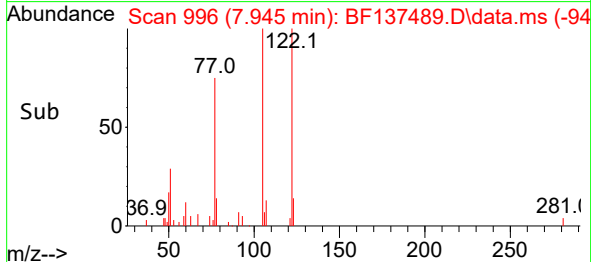
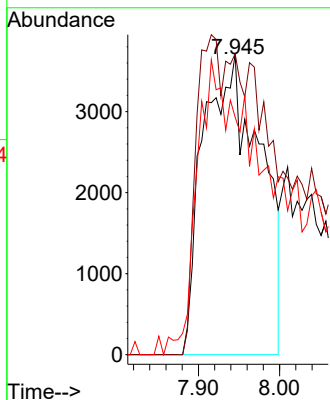
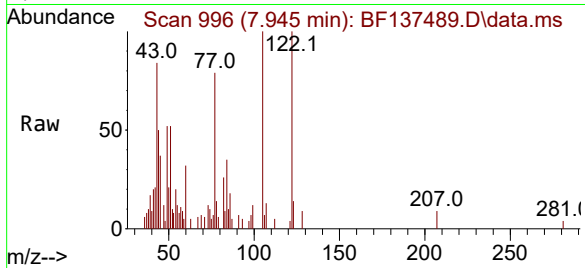




#32
Benzoic acid
Concen: 8.076 ng
RT: 7.945 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

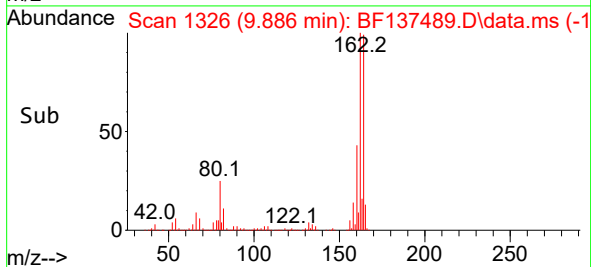
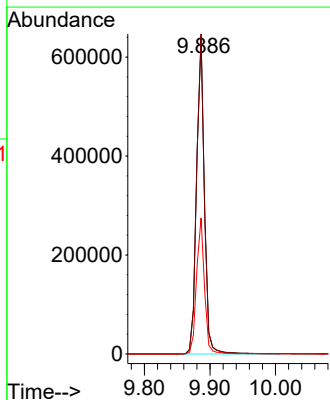
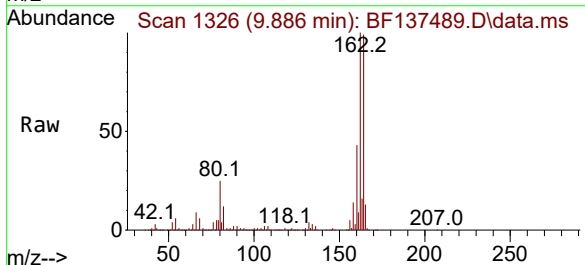
Instrument :
BNA_F
ClientSampleId :
TP-14

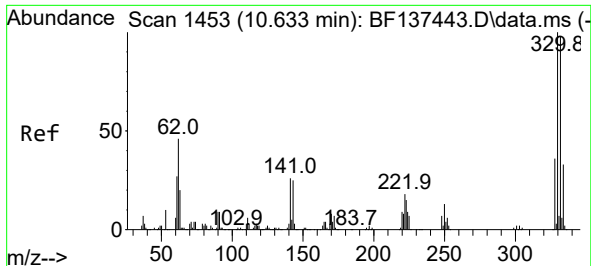
Tgt Ion:122 Resp: 18114
Ion Ratio Lower Upper
122 100
105 100.1 102.4 142.4#
77 79.0 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

Tgt Ion:164 Resp: 536105
Ion Ratio Lower Upper
164 100
162 101.2 79.8 119.8
160 43.0 34.4 51.6

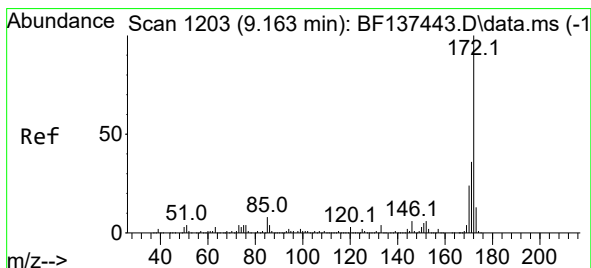
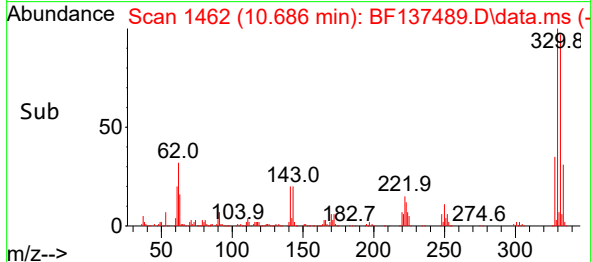
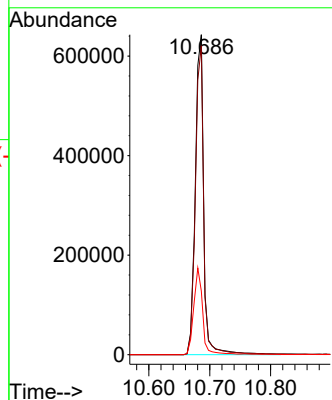
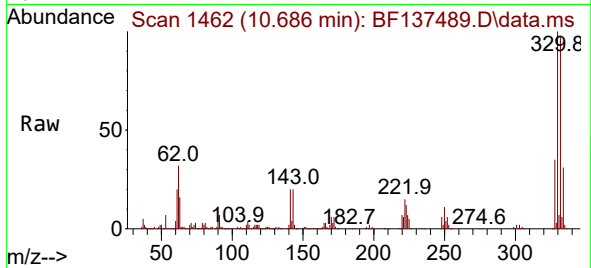




#42
2,4,6-Tribromophenol
Concen: 131.612 ng
RT: 10.686 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

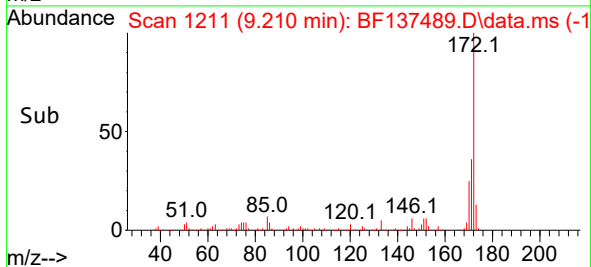
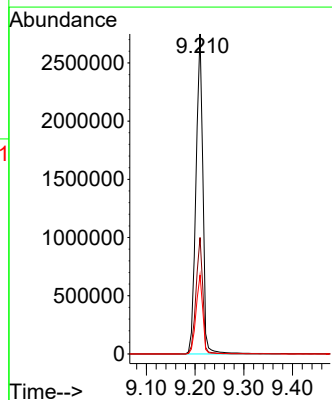
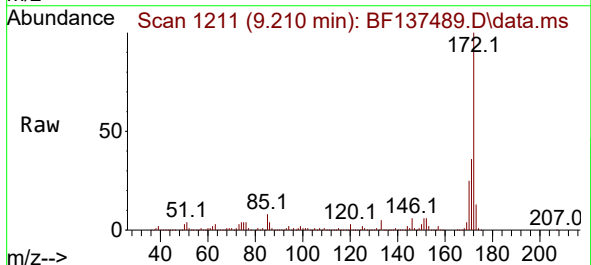
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TP-14

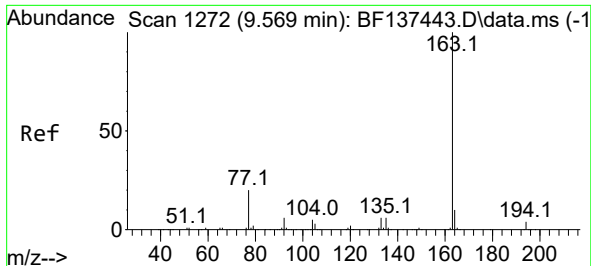
Tgt Ion:330 Resp: 619619
Ion Ratio Lower Upper
330 100
332 95.2 78.0 117.0
141 29.1 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 80.385 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

Tgt Ion:172 Resp: 2753022
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 24.6 19.0 28.6

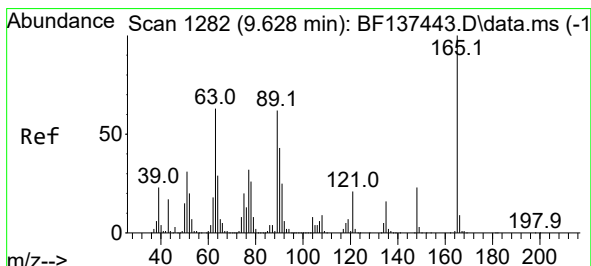
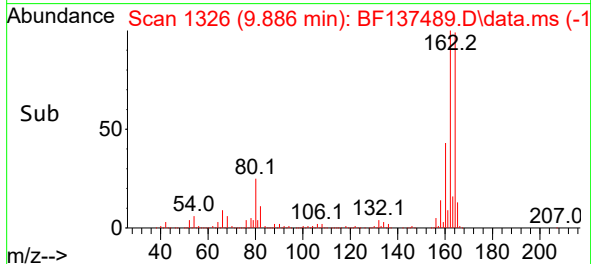
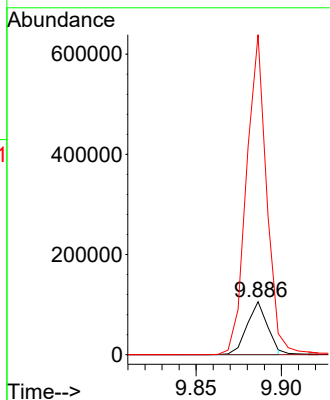
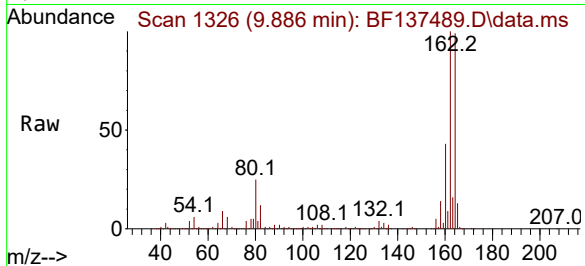




#50
Dimethylphthalate
Concen: 2.365 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.259 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

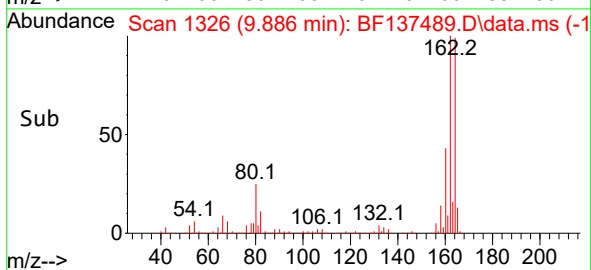
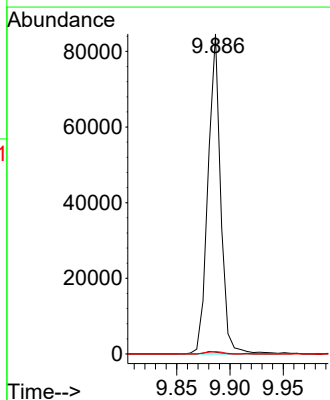
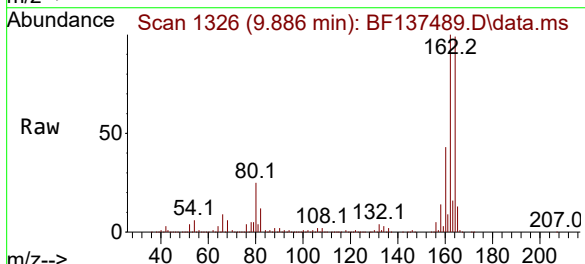
Instrument :
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ClientSampleId :
TP-14

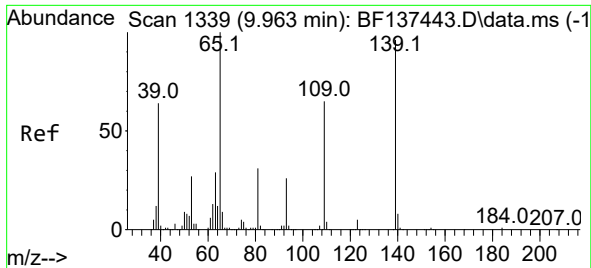
Tgt Ion:163 Resp: 88254
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 604.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.983 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.200 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

Tgt Ion:165 Resp: 70122
Ion Ratio Lower Upper
165 100
63 0.6 50.7 76.1#
89 0.8 50.0 75.0#

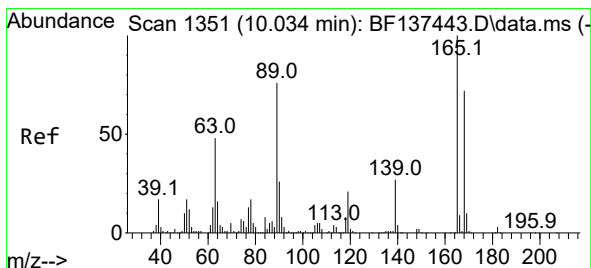
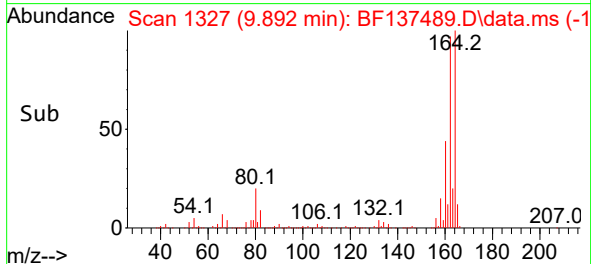
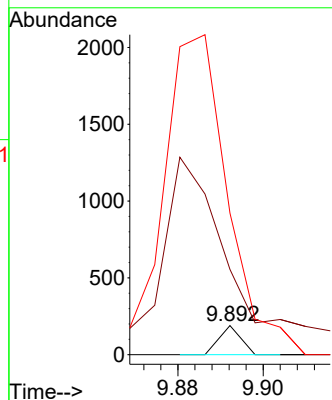
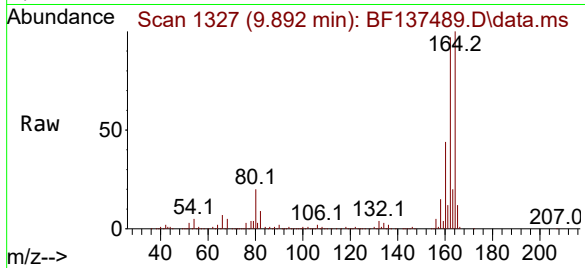




#56
4-Nitrophenol
Concen: 4.537 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.129 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

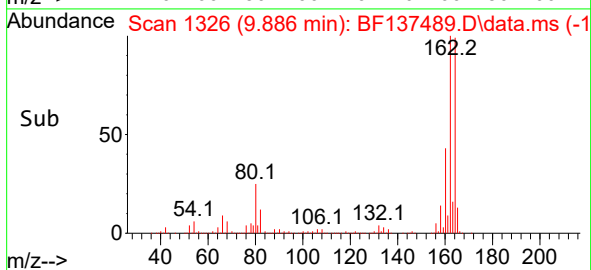
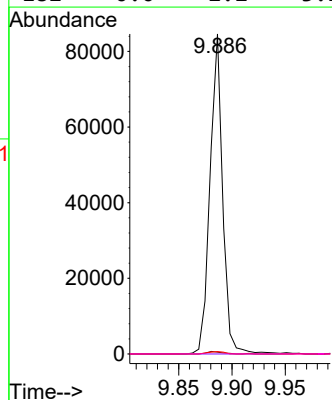
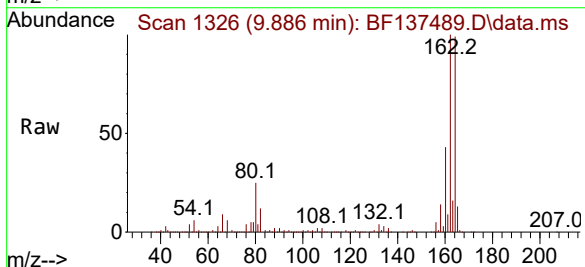
Instrument :
BNA_F
ClientSampleId :
TP-14

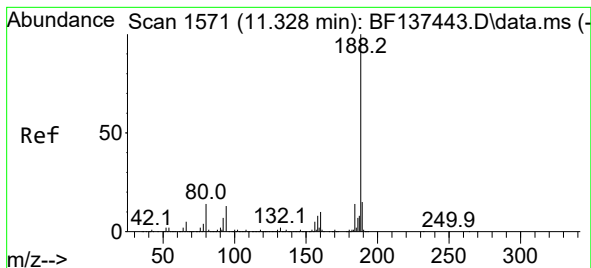
Tgt Ion:139 Resp: 67
Ion Ratio Lower Upper
139 100
109 292.6 47.1 87.1#
65 485.3 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.312 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.206 min
Lab File: BF137489.D
Acq: 04 Mar 2024 19:18

Tgt Ion:165 Resp: 70122
Ion Ratio Lower Upper
165 100
63 0.6 39.0 58.6#
89 0.8 60.9 91.3#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137489.D

Acq: 04 Mar 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-14

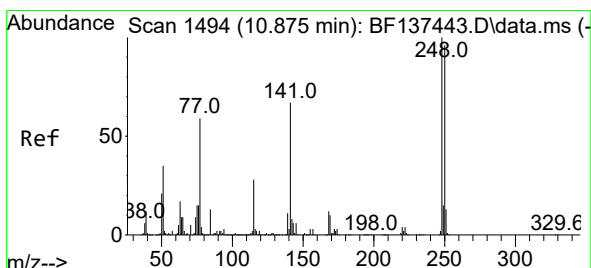
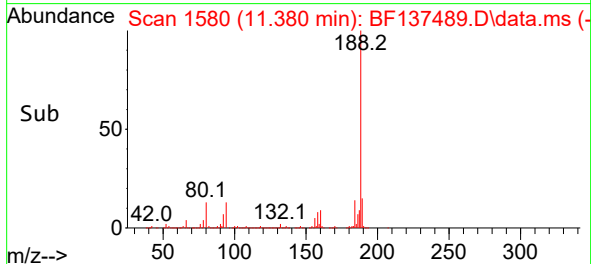
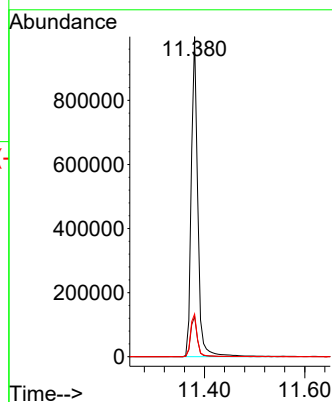
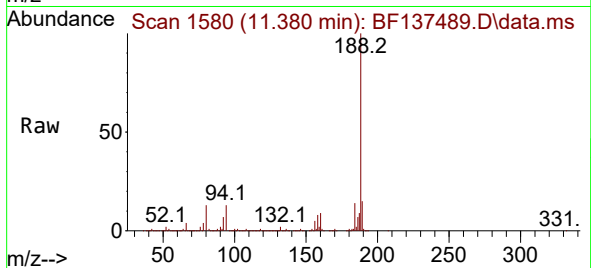
Tgt Ion:188 Resp: 899934

Ion Ratio Lower Upper

188 100

94 12.6 10.6 15.8

80 13.4 11.5 17.3



#67

4-Bromophenyl-phenylether

Concen: 4.163 ng

RT: 10.680 min Scan# 1461

Delta R.T. -0.253 min

Lab File: BF137489.D

Acq: 04 Mar 2024 19:18

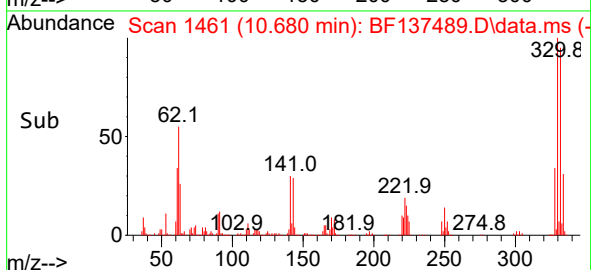
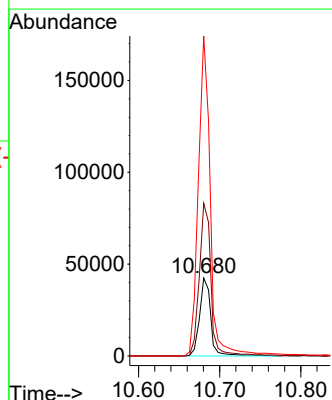
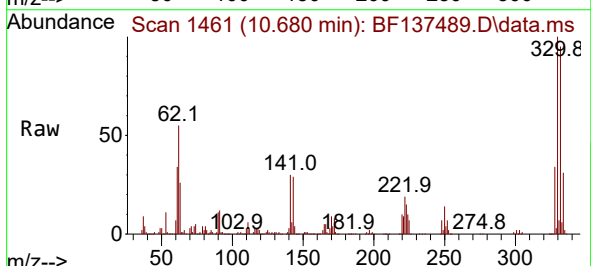
Tgt Ion:248 Resp: 40810

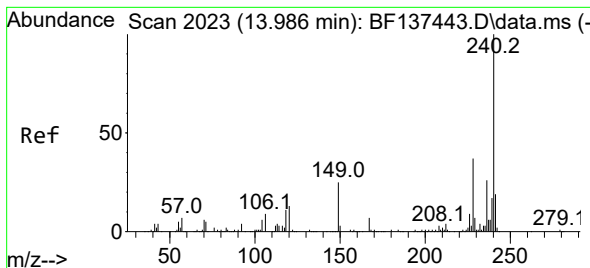
Ion Ratio Lower Upper

248 100

250 196.0 76.8 115.2#

141 410.9 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137489.D

Acq: 04 Mar 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-14

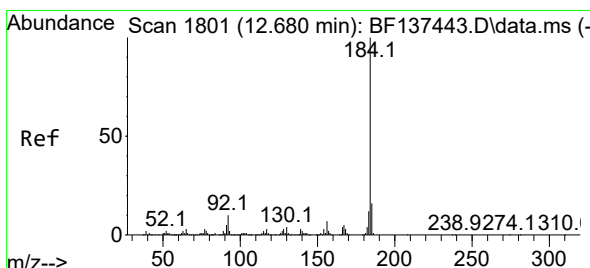
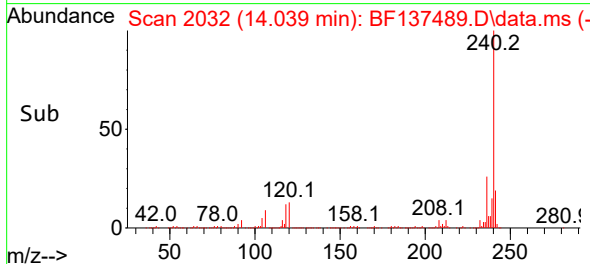
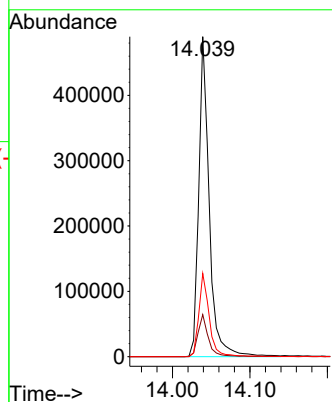
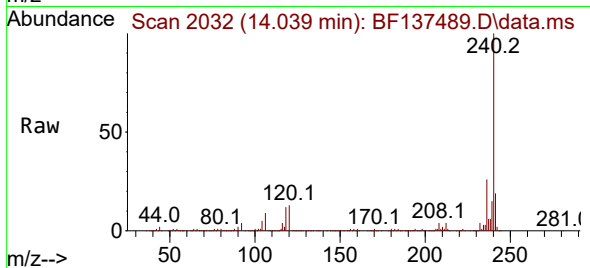
Tgt Ion:240 Resp: 460044

Ion Ratio Lower Upper

240 100

120 13.1 10.4 15.6

236 26.0 20.9 31.3



#77

Benzidine

Concen: 3.155 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF137489.D

Acq: 04 Mar 2024 19:18

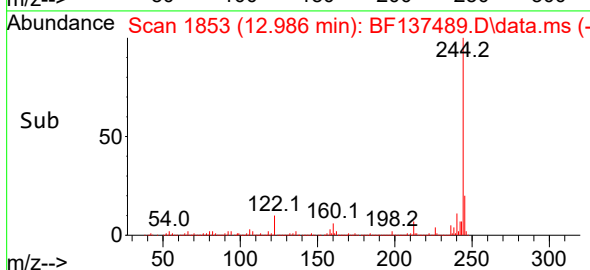
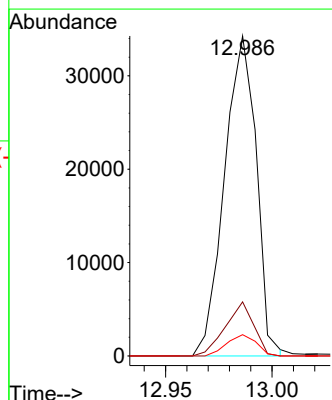
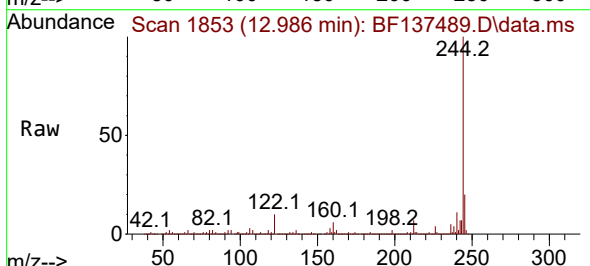
Tgt Ion:184 Resp: 35517

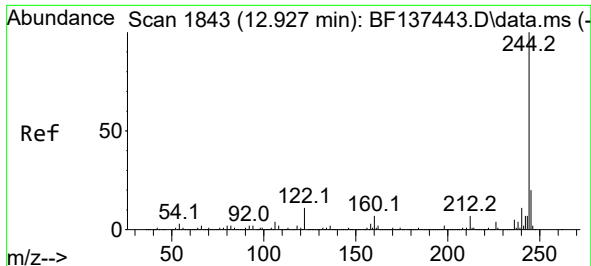
Ion Ratio Lower Upper

184 100

185 16.9 13.2 19.8

183 6.7 9.3 13.9#

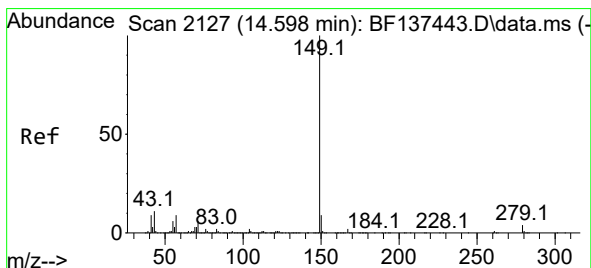
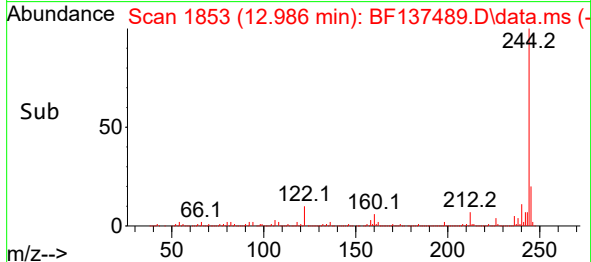
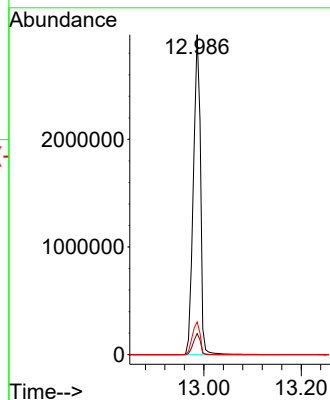
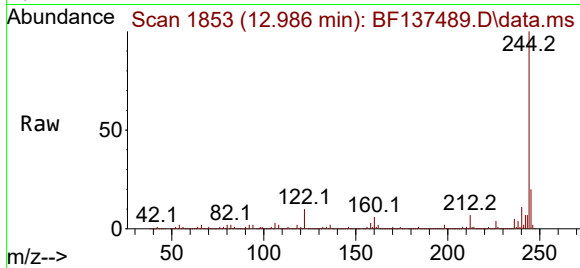




#79
 Terphenyl-d14
 Concen: 90.307 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137489.D
 Acq: 04 Mar 2024 19:18

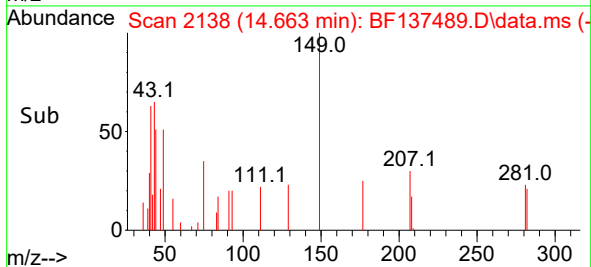
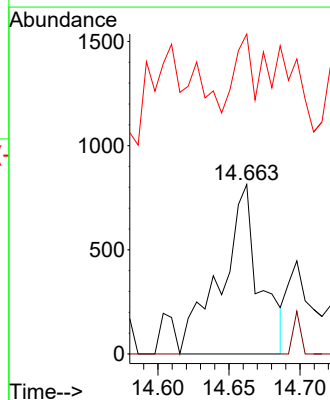
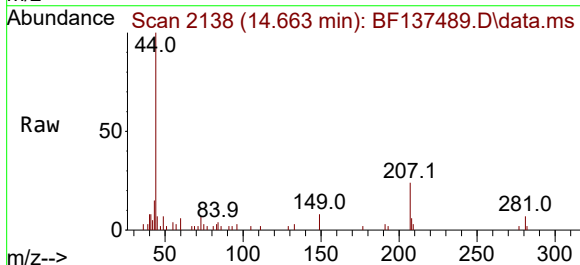
Instrument :
 BNA_F
 ClientSampleId :
 TP-14

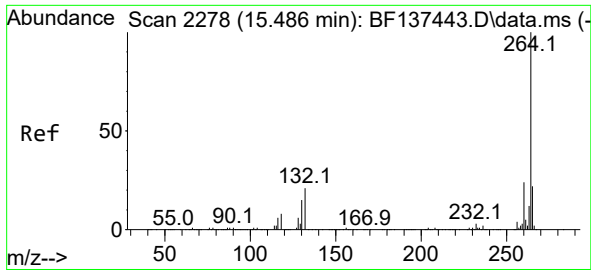
Tgt Ion:244 Resp: 3021223
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.3 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.655 ng
 RT: 14.663 min Scan# 2138
 Delta R.T. 0.000 min
 Lab File: BF137489.D
 Acq: 04 Mar 2024 19:18

Tgt Ion:149 Resp: 1526
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 19.7 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF137489.D

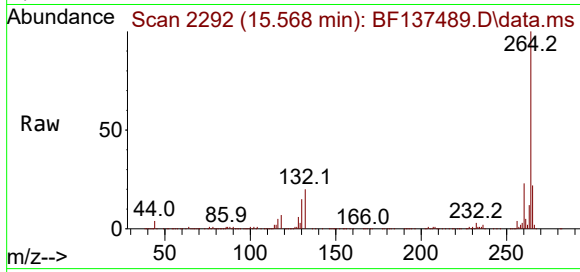
Acq: 04 Mar 2024 19:18

Instrument :

BNA_F

ClientSampleId :

TP-14



Tgt Ion:264 Resp: 398646

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.5 17.4 26.0

