

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137490.D
 Acq On : 04 Mar 2024 19:48
 Operator : CG\JU
 Sample : P1669-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Mar 04 23:19:20 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)

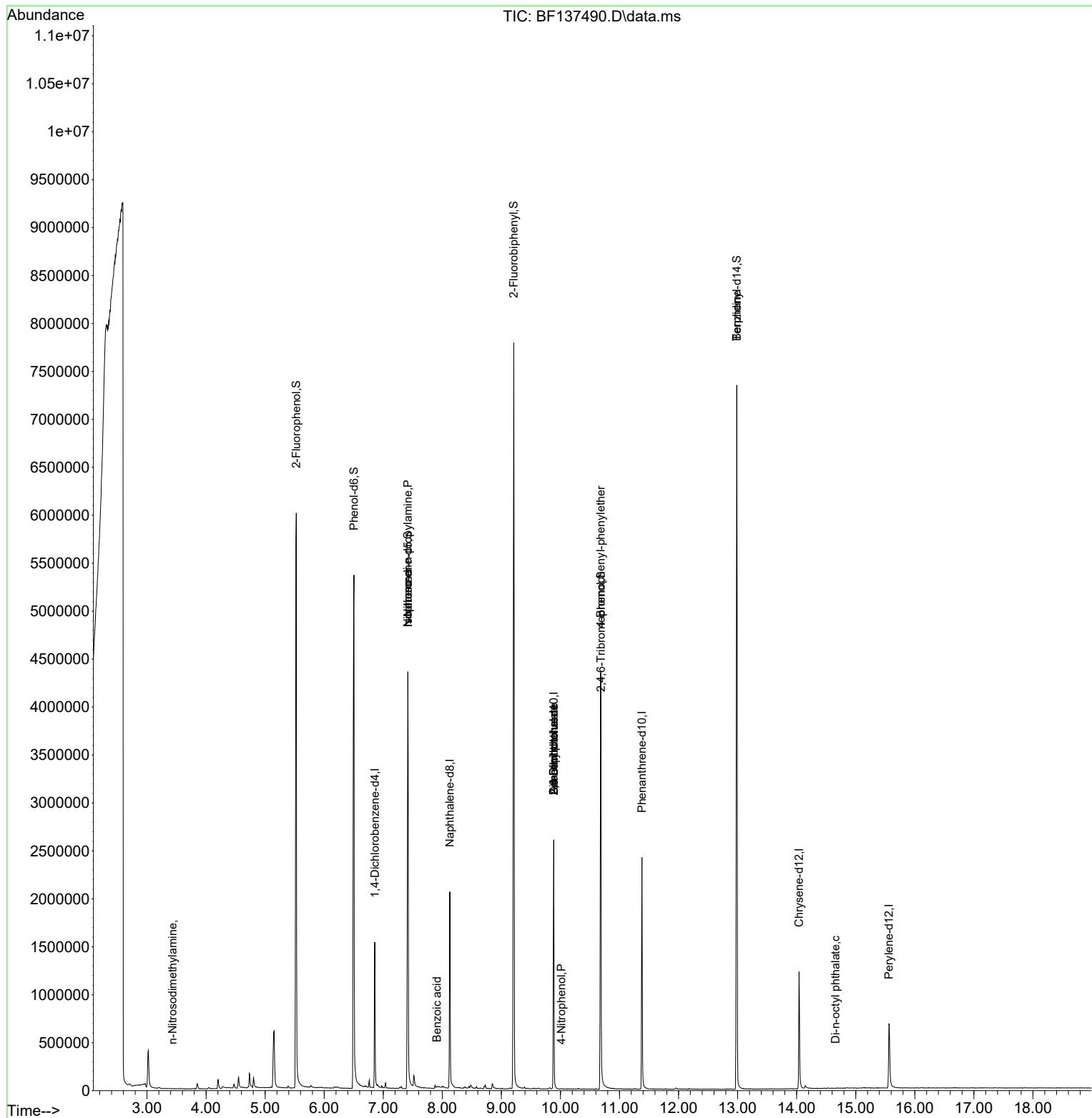
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	227345	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	894339	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	511895	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	851149	20.000	ng	0.00
76) Chrysene-d12	14.039	240	441469	20.000	ng	-0.01
86) Perylene-d12	15.562	264	375756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1866602	124.350	ng	0.02
7) Phenol-d6	6.504	99	2376474	109.678	ng	0.00
23) Nitrobenzene-d5	7.416	82	1717049	89.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	597502	132.916	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2697730	82.496	ng	0.00
79) Terphenyl-d14	12.986	244	2880825	89.733	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.434	42	206	3.832	ng	# 11
19) n-Nitroso-di-n-propyla...	7.416	70	222858	16.656	ng	# 83
25) Isophorone	7.416	82	1717040	46.955	ng	# 69
32) Benzoic acid	7.910	122	3890	6.708	ng	93
50) Dimethylphthalate	9.886	163	84396	2.368	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	65330	8.765	ng	# 20
56) 4-Nitrophenol	10.016	139	58	4.536	ng	# 1
57) 2,4-Dinitrotoluene	9.886	165	65330	7.135	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	40031	4.318	ng	# 1
77) Benzidine	12.986	184	34602	3.203	ng	# 93
85) Di-n-octyl phthalate	14.657	149	928	5.637	ng	# 12

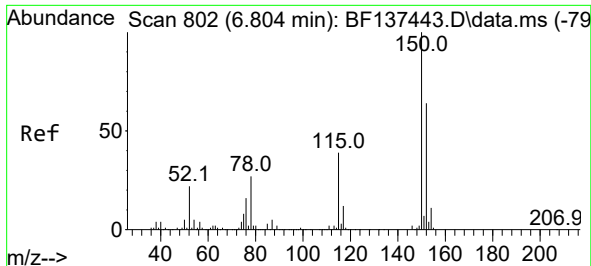
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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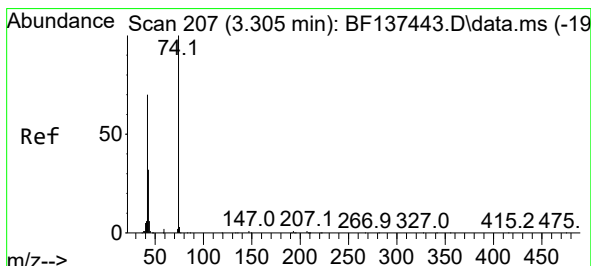
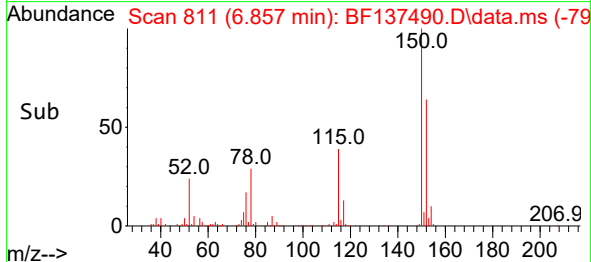
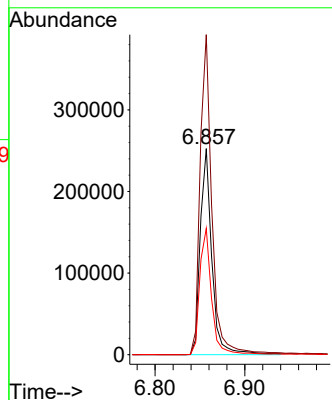
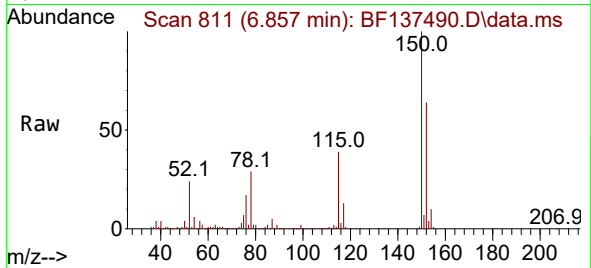




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

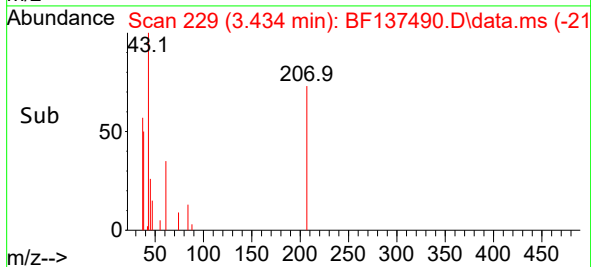
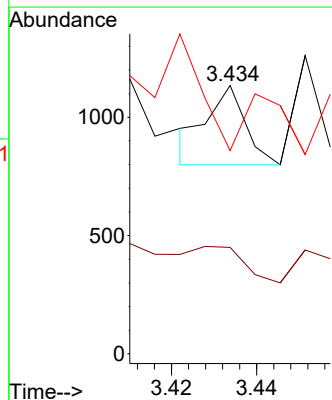
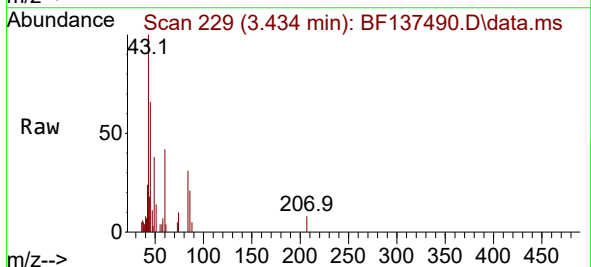
Instrument :
BNA_F
ClientSampleId :
TP-11

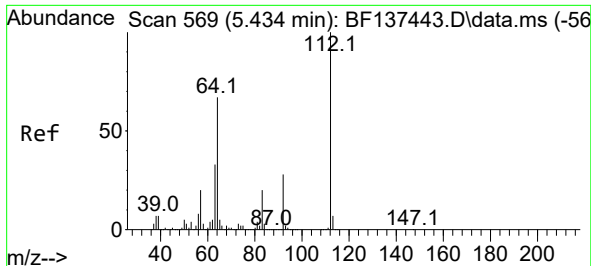
Tgt Ion:152 Resp: 227345
Ion Ratio Lower Upper
152 100
150 155.3 125.8 188.6
115 61.3 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.832 ng
RT: 3.434 min Scan# 229
Delta R.T. -0.012 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

Tgt Ion: 42 Resp: 206
Ion Ratio Lower Upper
42 100
74 39.7 114.0 171.0#
44 75.7 7.0 10.4#

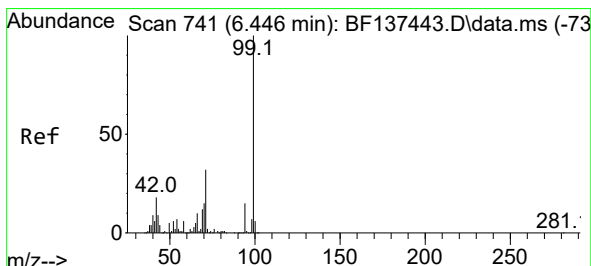
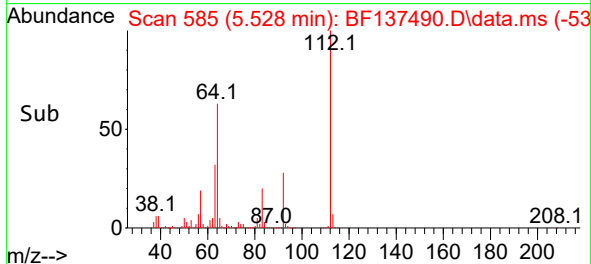
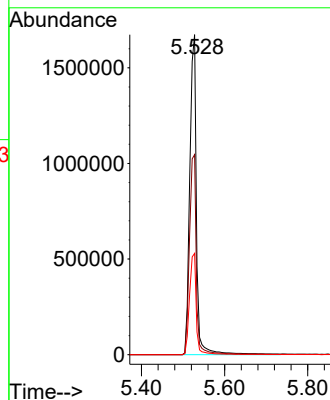
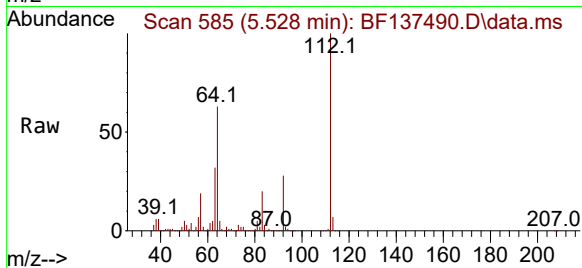




#5
2-Fluorophenol
Concen: 124.350 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

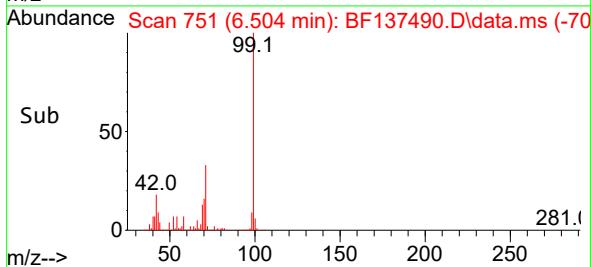
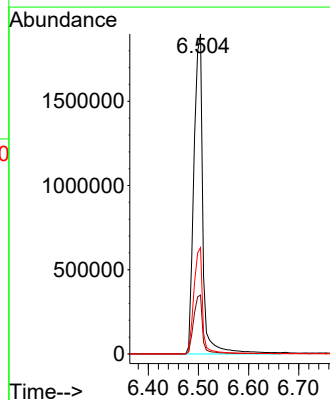
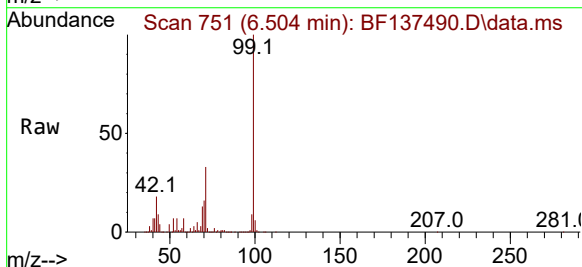
Instrument :
BNA_F
ClientSampleId :
TP-11

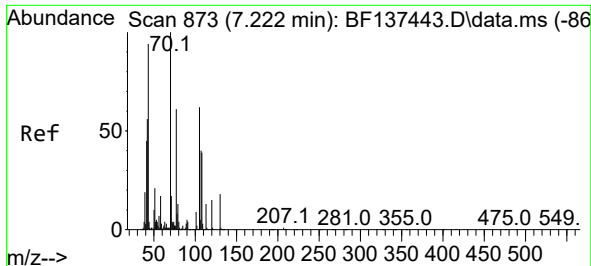
Tgt Ion:112 Resp: 1866602
Ion Ratio Lower Upper
112 100
64 62.5 53.4 80.2
63 31.6 26.2 39.2



#7
Phenol-d6
Concen: 109.678 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

Tgt Ion: 99 Resp: 2376474
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 33.2 25.3 37.9

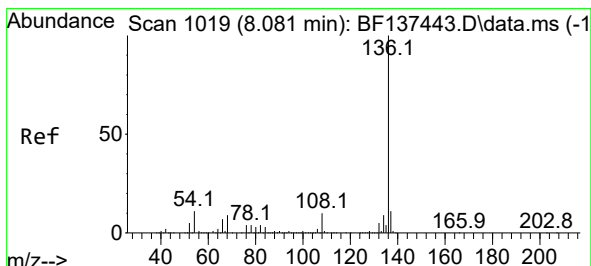
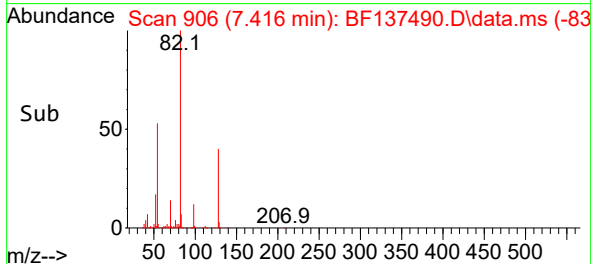
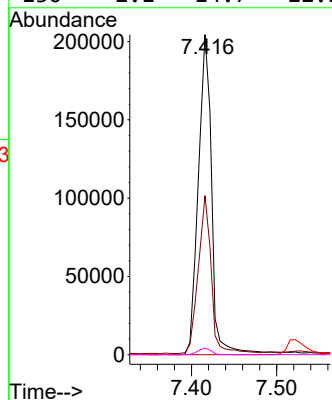
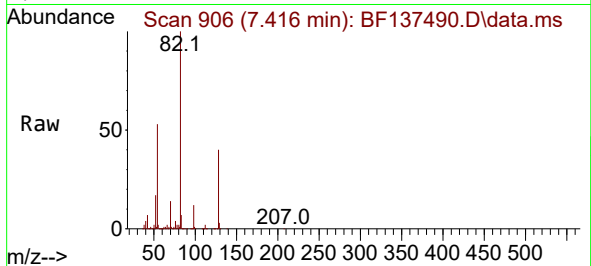




#19
n-Nitroso-di-n-propylamine
Concen: 16.656 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.135 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

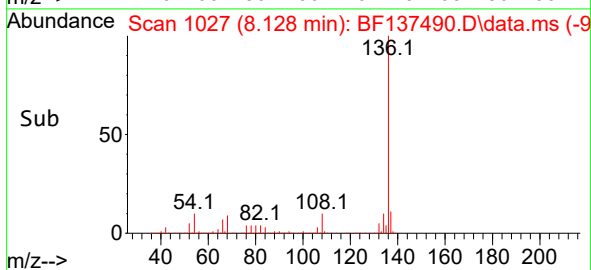
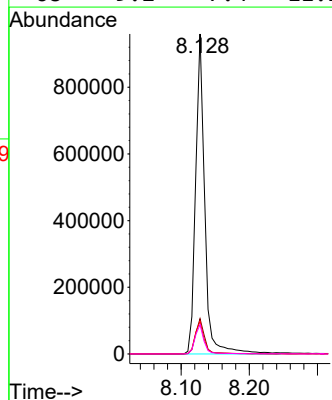
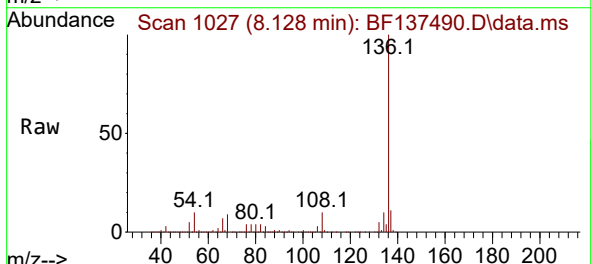
Instrument :
BNA_F
ClientSampleId :
TP-11

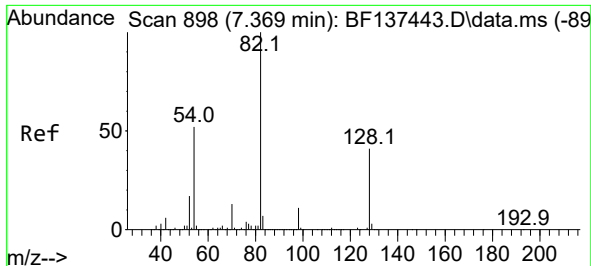
Tgt Ion: 70 Resp: 222858
Ion Ratio Lower Upper
70 100
42 49.7 45.2 67.8
101 0.0 7.3 10.9#
130 2.1 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

Tgt Ion:136 Resp: 894339
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 10.2 8.5 12.7
68 9.2 7.4 11.2

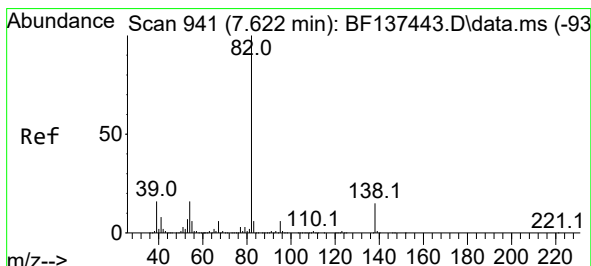
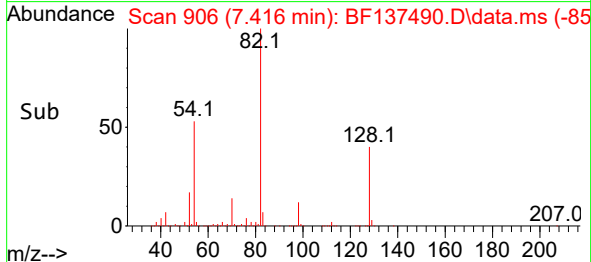
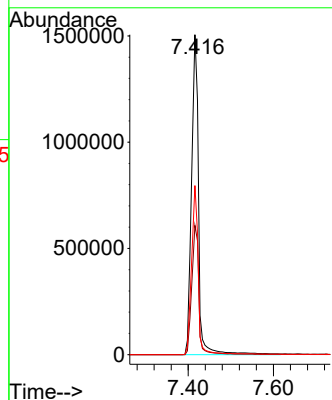
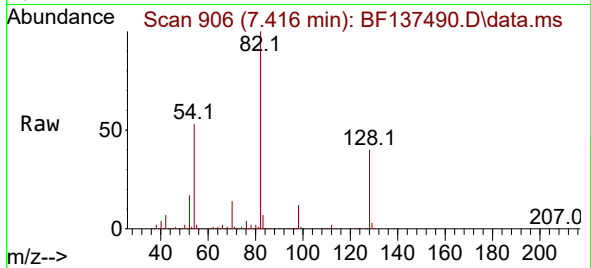




#23
Nitrobenzene-d5
Concen: 89.207 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

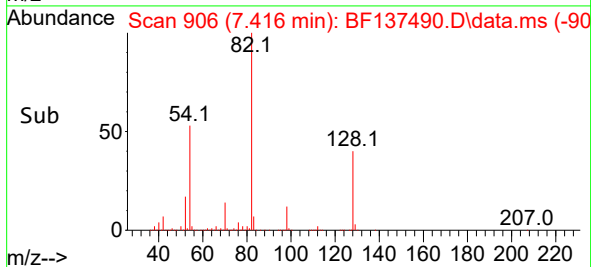
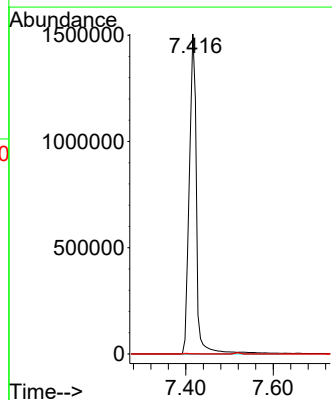
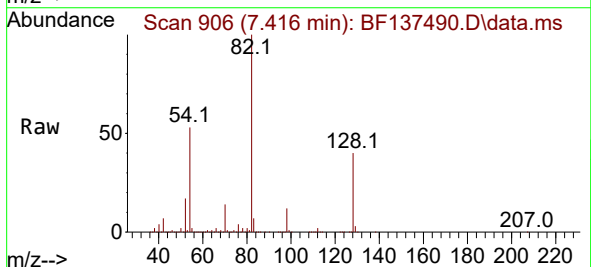
Instrument :
BNA_F
ClientSampleId :
TP-11

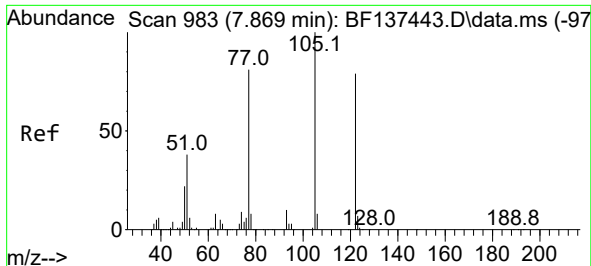
Tgt Ion: 82 Resp: 1717049
Ion Ratio Lower Upper
82 100
128 40.4 32.5 48.7
54 52.9 41.5 62.3



#25
Isophorone
Concen: 46.955 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.265 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

Tgt Ion: 82 Resp: 1717040
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.1 11.8 17.8#

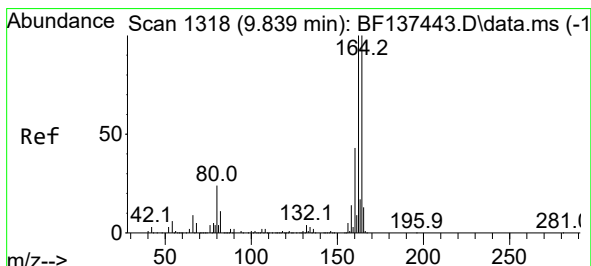
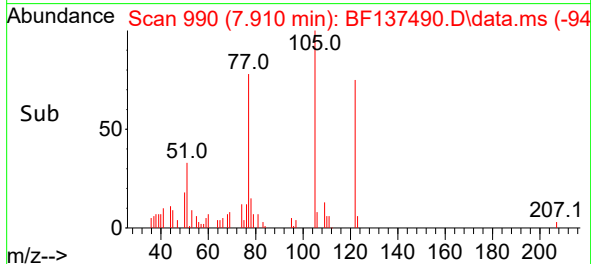
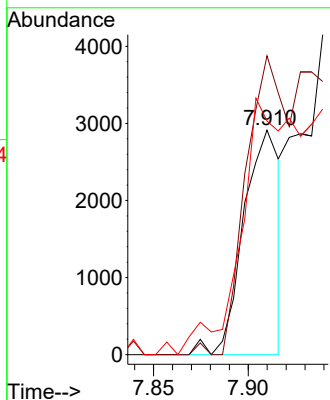
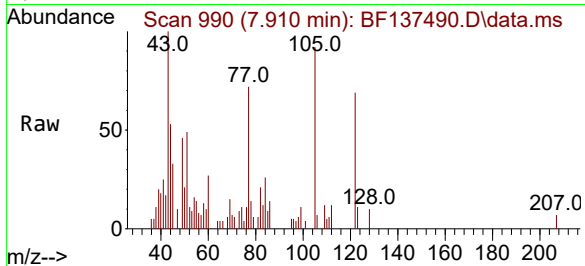




#32
Benzoic acid
Concen: 6.708 ng
RT: 7.910 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

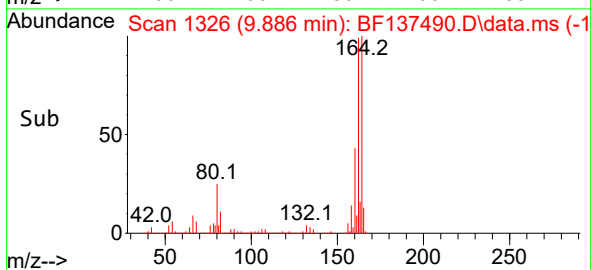
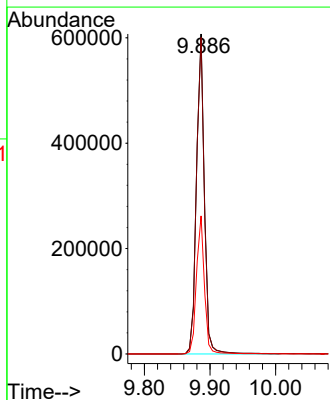
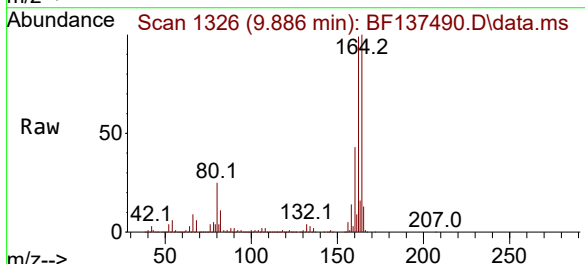
Instrument :
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ClientSampleId :
TP-11

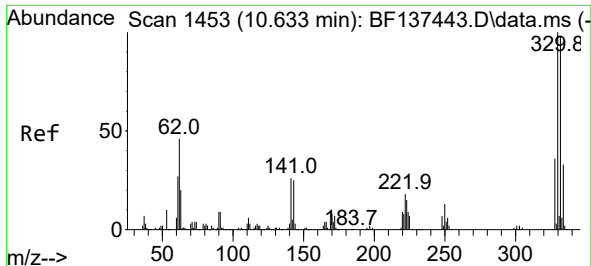
Tgt Ion:	122	Resp:	3890
Ion	Ratio	Lower	Upper
122	100		
105	133.2	102.4	142.4
77	104.1	81.1	121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

Tgt Ion:	164	Resp:	511895
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.8	119.8
160	43.2	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 132.916 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF137490.D

Acq: 04 Mar 2024 19:48

Instrument :

BNA_F

ClientSampleId :

TP-11

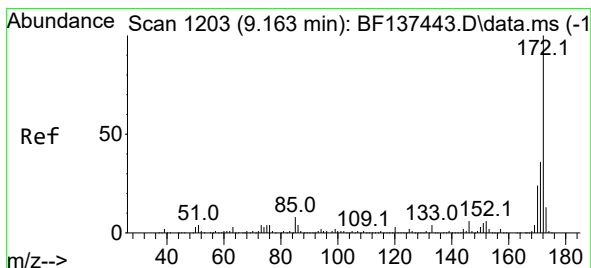
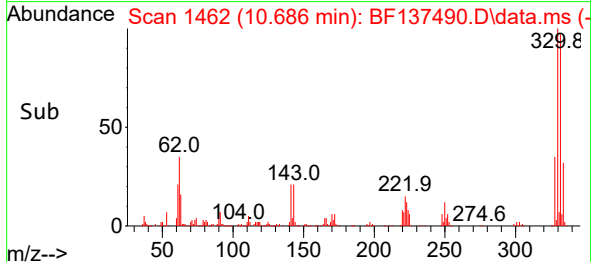
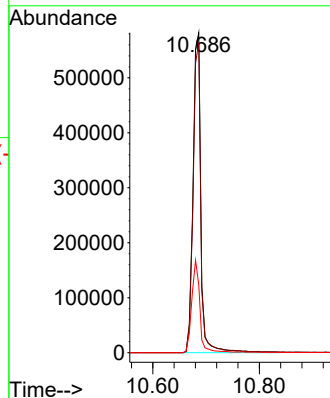
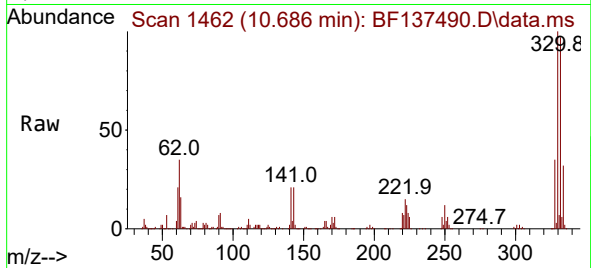
Tgt Ion:330 Resp: 597502

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 29.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 82.496 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137490.D

Acq: 04 Mar 2024 19:48

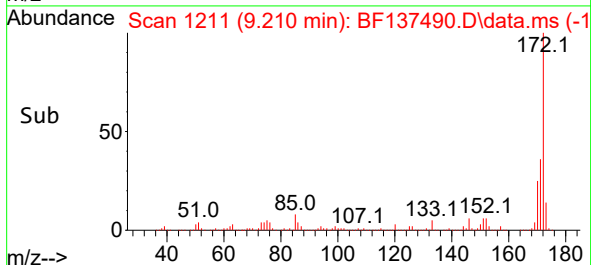
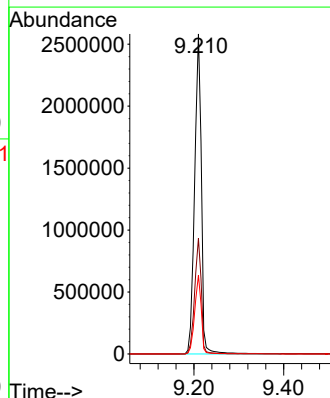
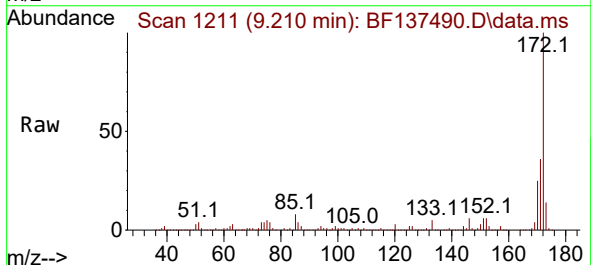
Tgt Ion:172 Resp: 2697730

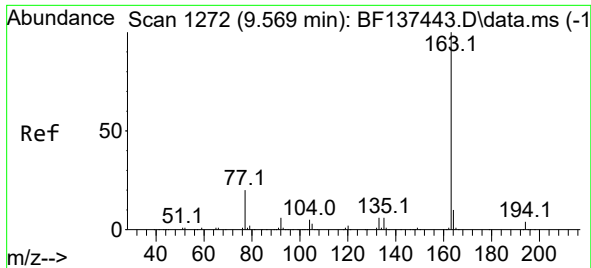
Ion Ratio Lower Upper

172 100

171 36.2 28.5 42.7

170 24.6 19.0 28.6

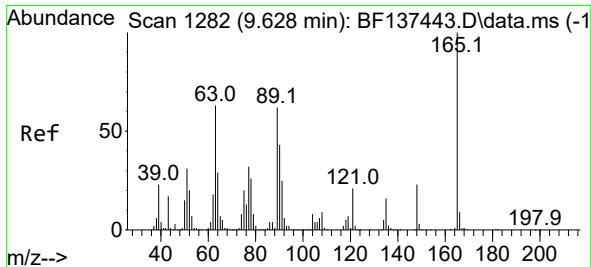
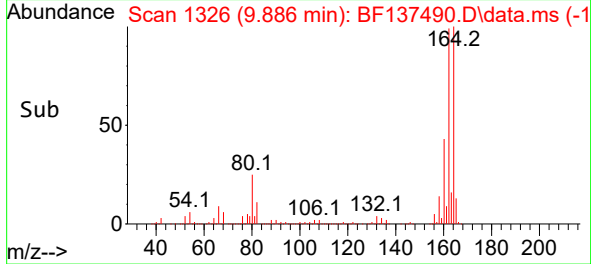
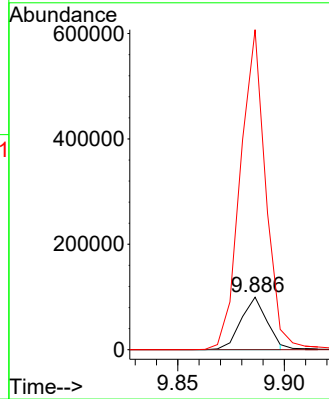
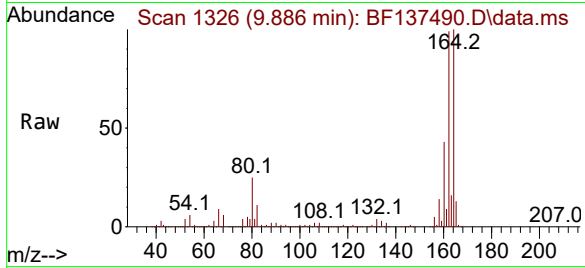




#50
Dimethylphthalate
Concen: 2.368 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.259 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

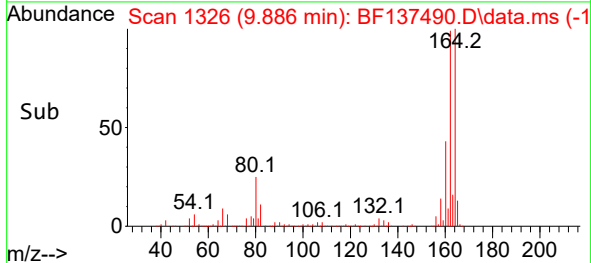
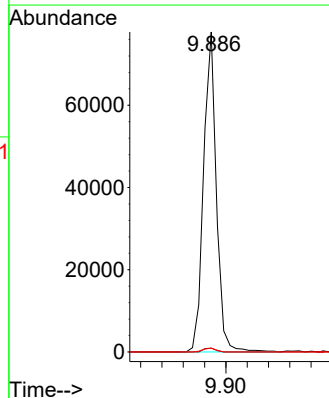
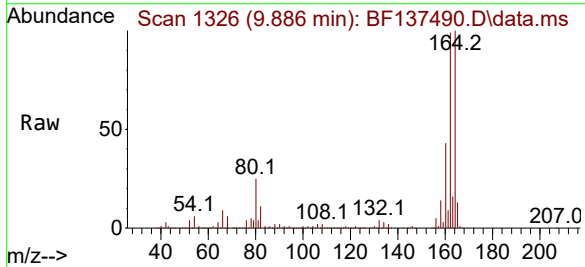
Instrument :
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ClientSampleId :
TP-11

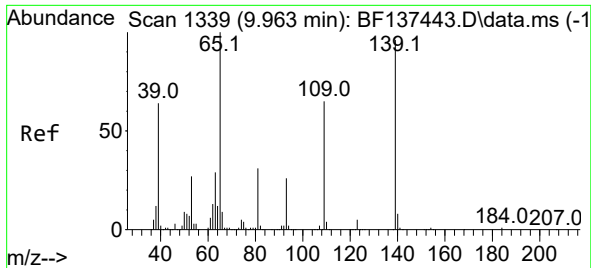
Tgt Ion:163 Resp: 84396
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 609.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.765 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.200 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

Tgt Ion:165 Resp: 65330
Ion Ratio Lower Upper
165 100
63 1.2 50.7 76.1#
89 1.2 50.0 75.0#

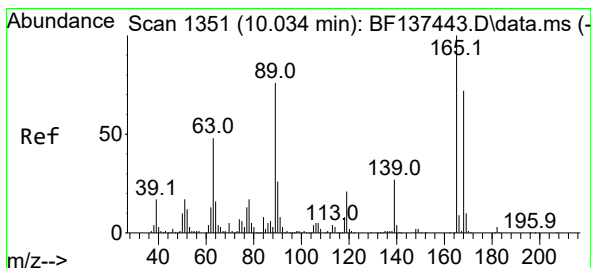
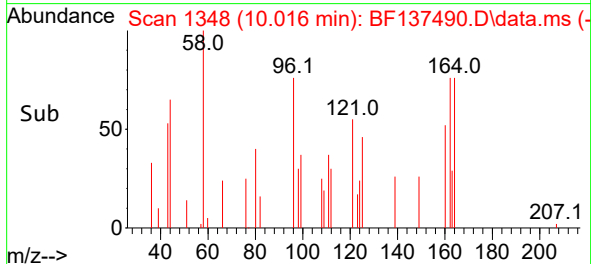
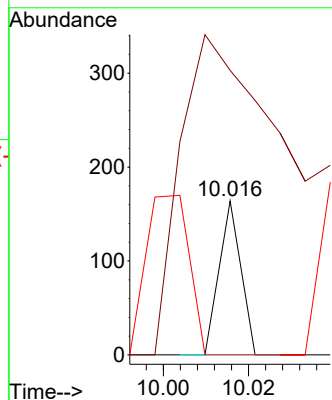
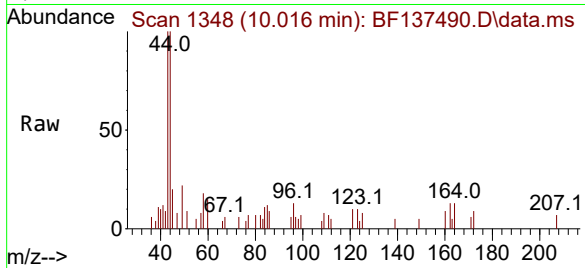




#56
4-Nitrophenol
Concen: 4.536 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

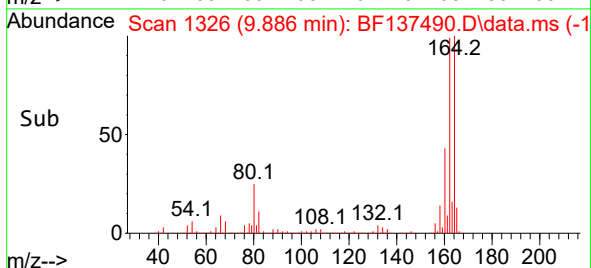
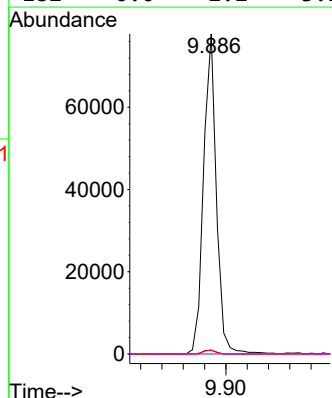
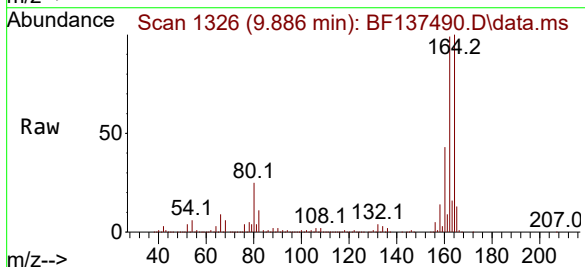
Instrument :
BNA_F
ClientSampleId :
TP-11

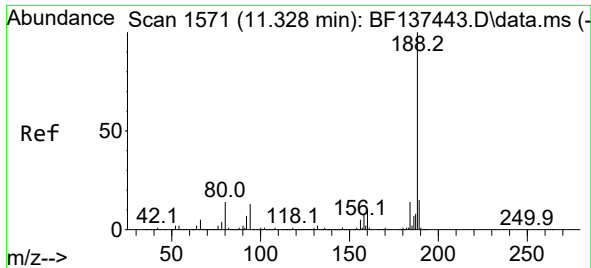
Tgt Ion:139 Resp: 58
Ion Ratio Lower Upper
139 100
109 184.8 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.135 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.206 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

Tgt Ion:165 Resp: 65330
Ion Ratio Lower Upper
165 100
63 1.2 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#

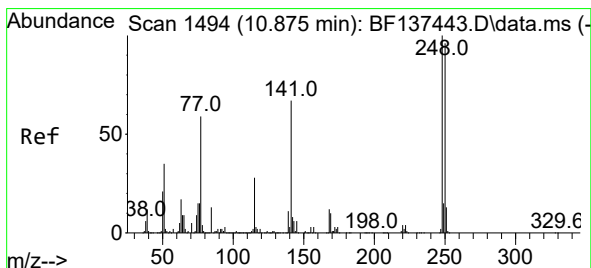
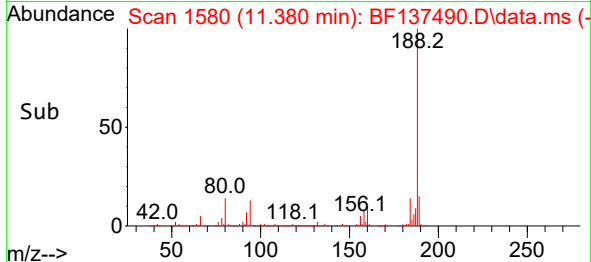
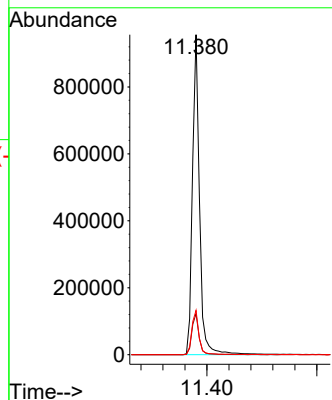
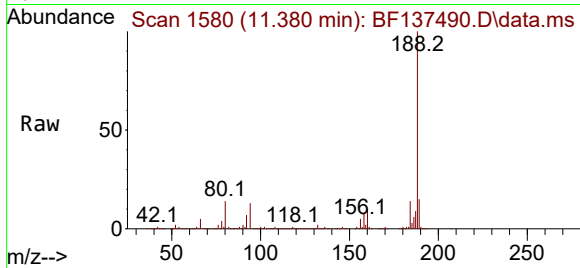




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

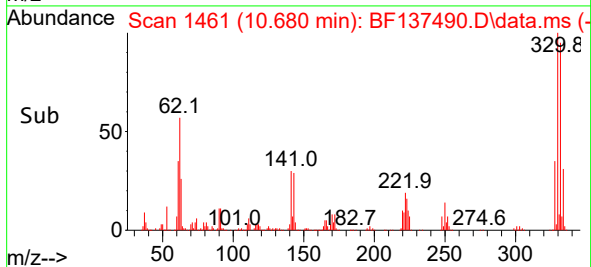
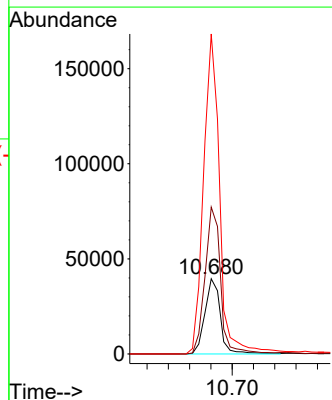
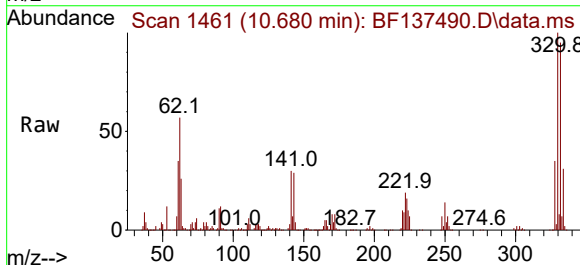
Instrument :
BNA_F
ClientSampleId :
TP-11

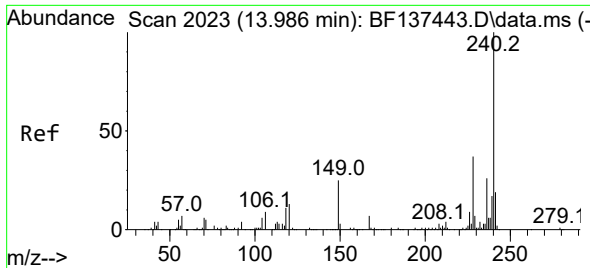
Tgt Ion:188 Resp: 851149
Ion Ratio Lower Upper
188 100
94 12.8 10.6 15.8
80 13.9 11.5 17.3



#67
4-Bromophenyl-phenylether
Concen: 4.318 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.253 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

Tgt Ion:248 Resp: 40031
Ion Ratio Lower Upper
248 100
250 195.1 76.8 115.2#
141 425.3 53.4 80.0#

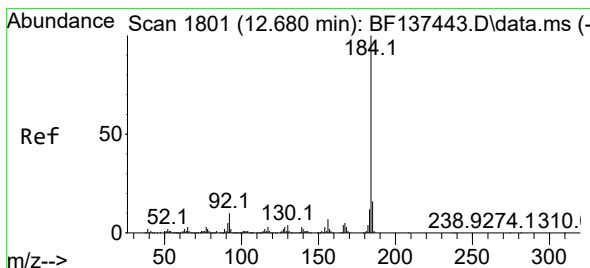
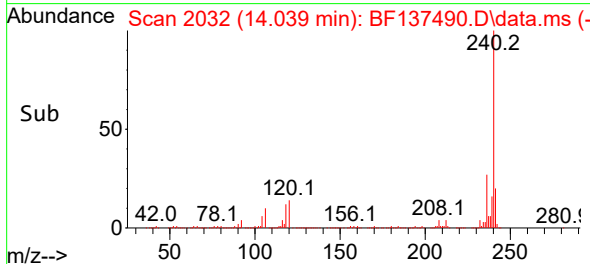
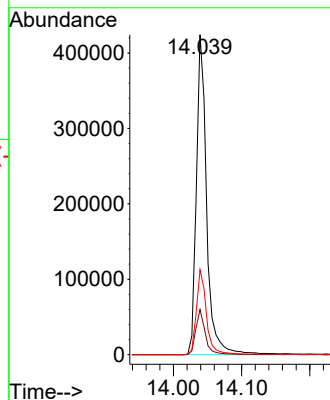
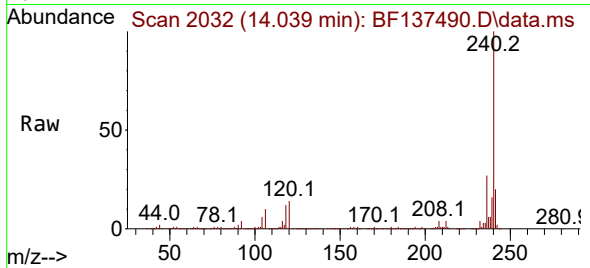




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

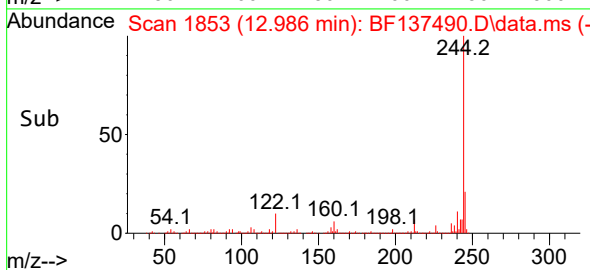
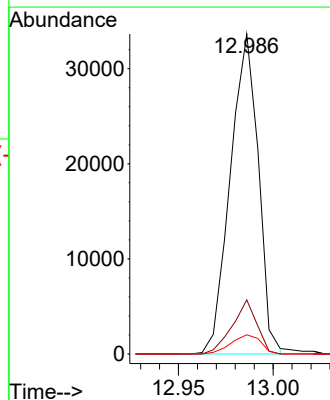
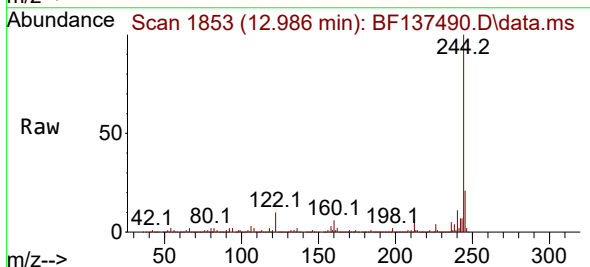
Instrument :
BNA_F
ClientSampleId :
TP-11

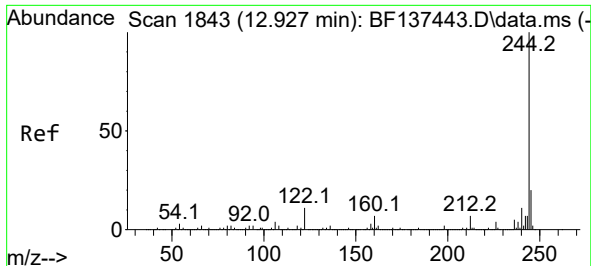
Tgt Ion:240 Resp: 441469
Ion Ratio Lower Upper
240 100
120 14.1 10.4 15.6
236 26.5 20.9 31.3



#77
Benzidine
Concen: 3.203 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF137490.D
Acq: 04 Mar 2024 19:48

Tgt Ion:184 Resp: 34602
Ion Ratio Lower Upper
184 100
185 16.9 13.2 19.8
183 6.0 9.3 13.9#

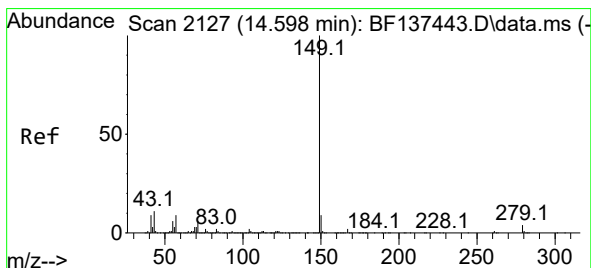
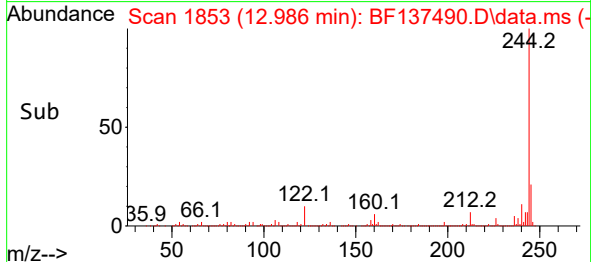
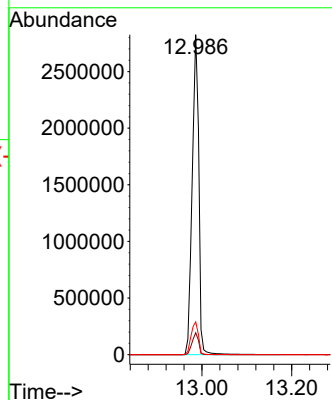
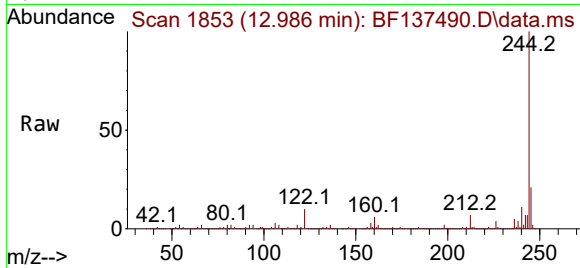




#79
 Terphenyl-d14
 Concen: 89.733 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF137490.D
 Acq: 04 Mar 2024 19:48

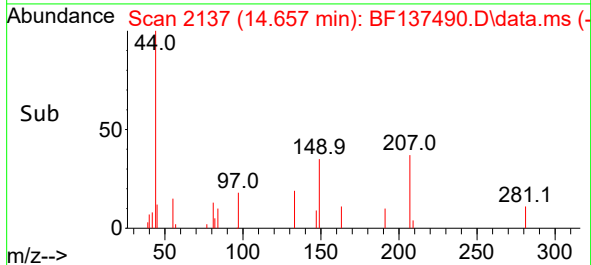
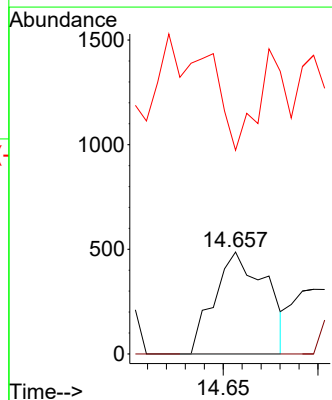
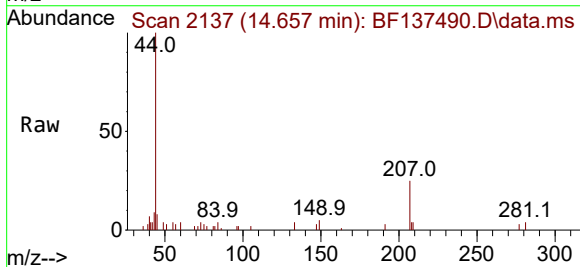
Instrument :
 BNA_F
 ClientSampleId :
 TP-11

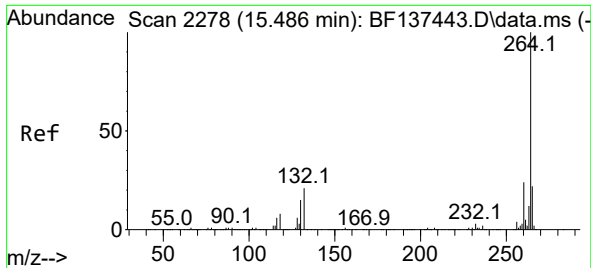
Tgt Ion:244 Resp: 2880825
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.3 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.637 ng
 RT: 14.657 min Scan# 2137
 Delta R.T. -0.006 min
 Lab File: BF137490.D
 Acq: 04 Mar 2024 19:48

Tgt Ion:149 Resp: 928
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 50.2 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF137490.D
 Acq: 04 Mar 2024 19:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Tgt Ion:264 Resp: 375756
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 21.4 17.4 26.0

