

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137484.D
 Acq On : 04 Mar 2024 16:49
 Operator : CG\JU
 Sample : P1669-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Mar 04 17:16:13 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)

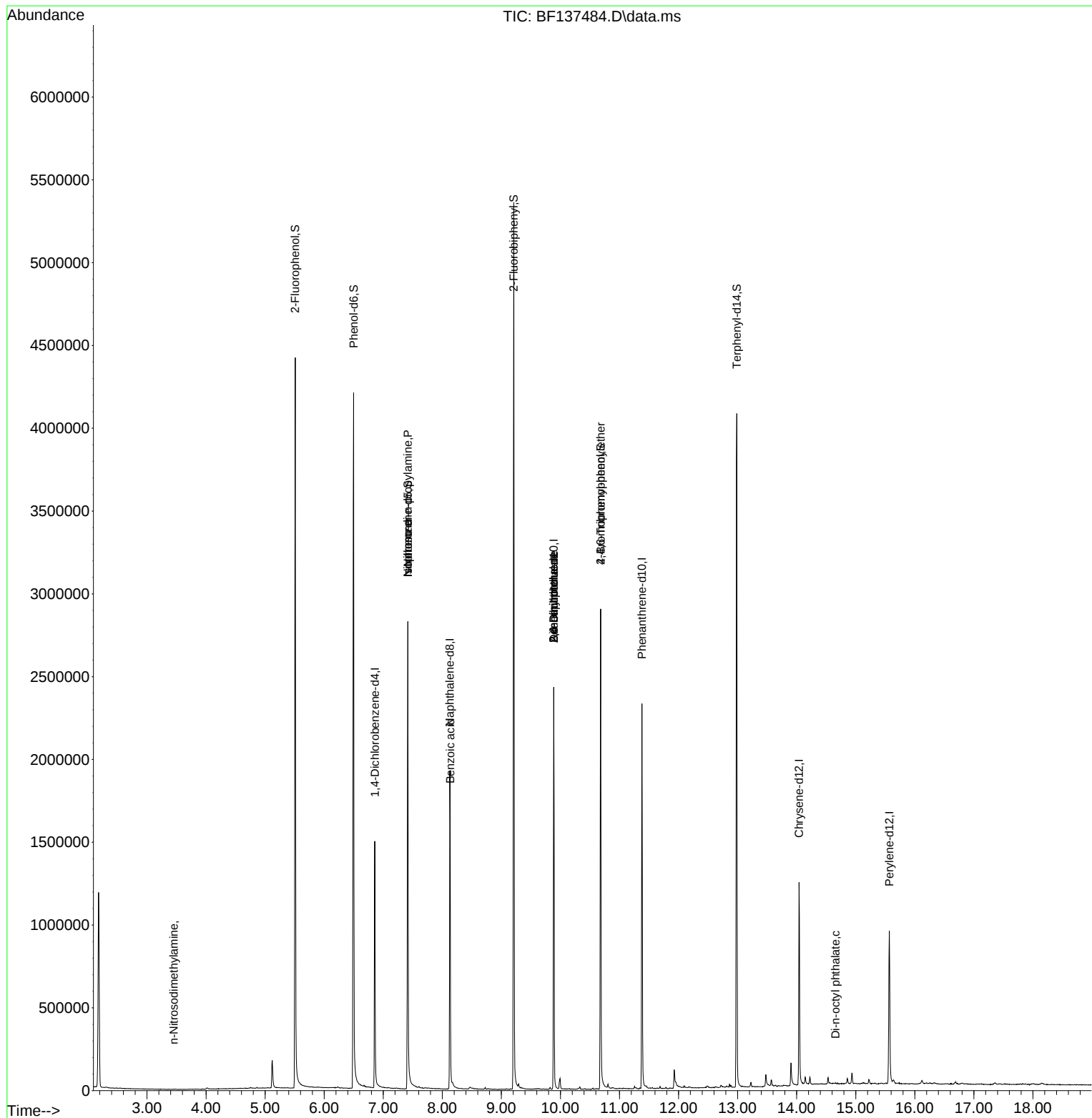
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	217561	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	862792	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	484670	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	814151	20.000	ng	0.00
76) Chrysene-d12	14.039	240	428899	20.000	ng	-0.01
86) Perylene-d12	15.568	264	449808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1153524	80.302	ng	0.00
7) Phenol-d6	6.498	99	1586387	76.507	ng	0.00
23) Nitrobenzene-d5	7.416	82	945299	50.907	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	312278	73.369	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1571451	50.754	ng	0.00
79) Terphenyl-d14	12.986	244	1483491	47.563	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.451	42	275	3.841	ng	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	124776	9.745	ng	# 79
25) Isophorone	7.416	82	945291	26.796	ng	# 69
32) Benzoic acid	8.133	122	144	6.314	ng	# 1
50) Dimethylphthalate	9.886	163	78665	2.332	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	61620	8.732	ng	# 20
57) 2,4-Dinitrotoluene	9.886	165	61620	7.107	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	22299	2.515	ng	# 1
85) Di-n-octyl phthalate	14.657	149	1390	5.653	ng	# 48

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

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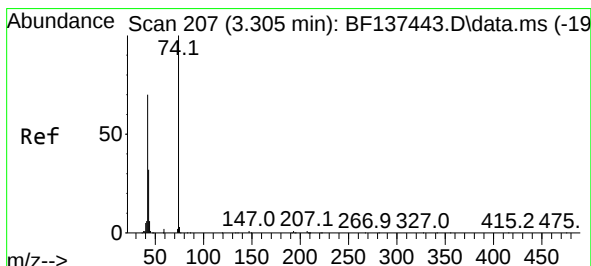
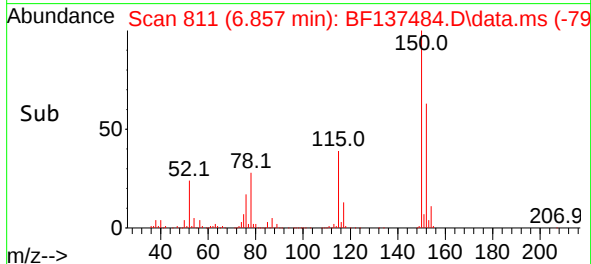
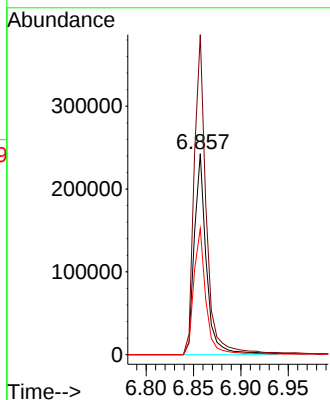
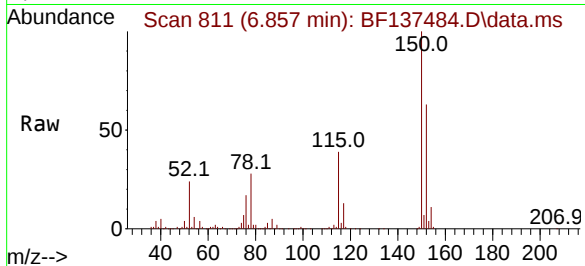




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

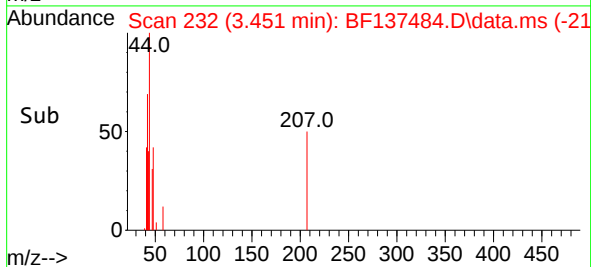
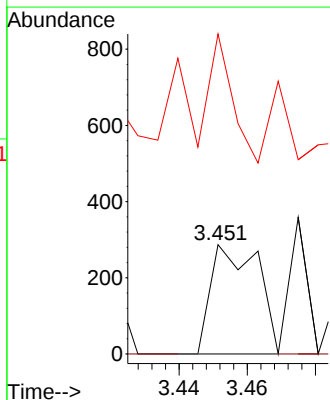
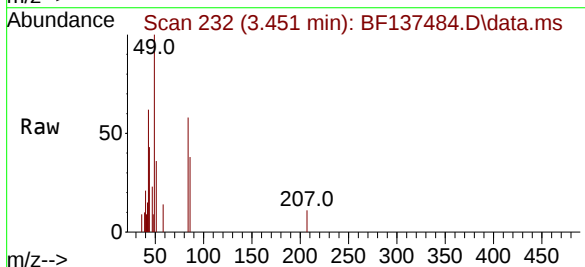
Instrument :
BNA_F
ClientSampleId :
TP-11

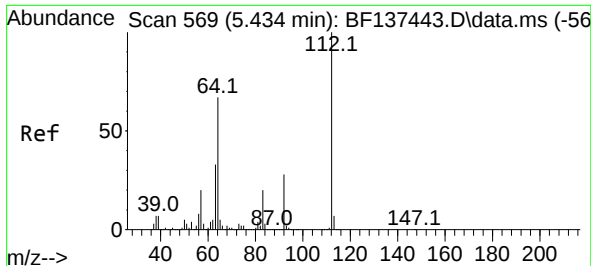
Tgt Ion:152 Resp: 217561
Ion Ratio Lower Upper
152 100
150 159.2 125.8 188.6
115 62.7 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.841 ng
RT: 3.451 min Scan# 232
Delta R.T. 0.006 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

Tgt Ion: 42 Resp: 275
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 292.7 7.0 10.4#

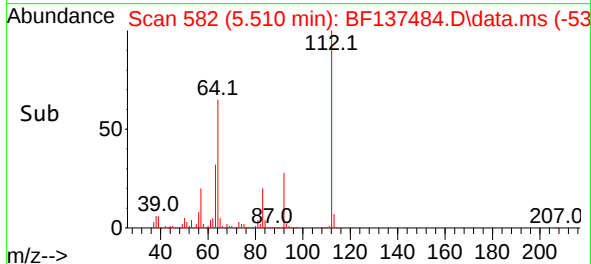
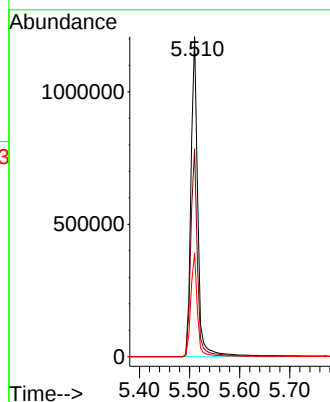
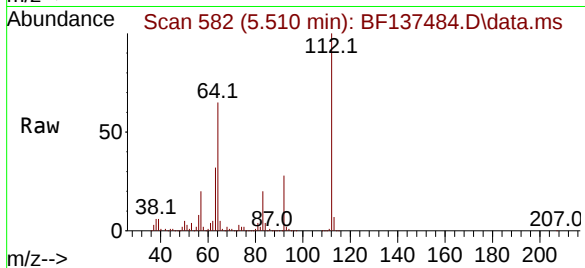




#5
2-Fluorophenol
Concen: 80.302 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

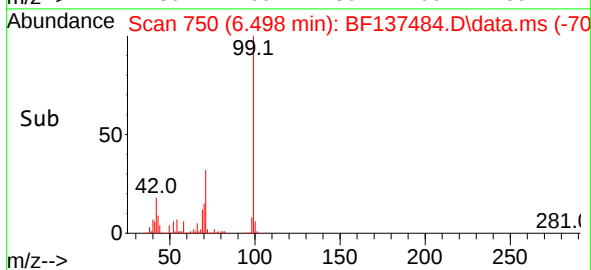
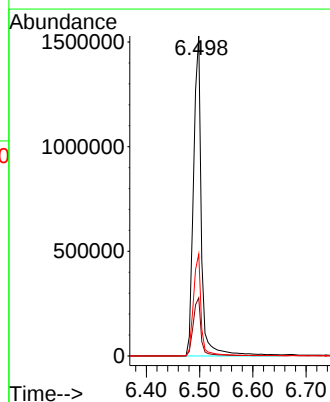
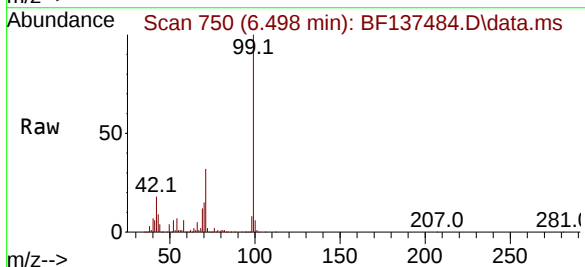
Instrument :
BNA_F
ClientSampleId :
TP-11

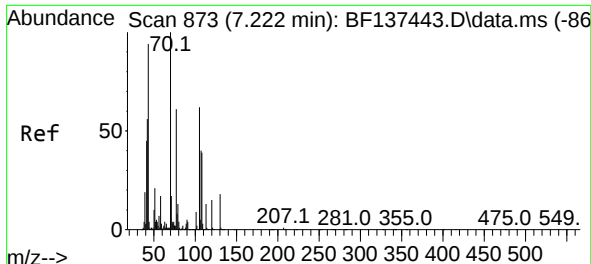
Tgt Ion:112 Resp: 1153524
Ion Ratio Lower Upper
112 100
64 64.9 53.4 80.2
63 32.4 26.2 39.2



#7
Phenol-d6
Concen: 76.507 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

Tgt Ion: 99 Resp: 1586387
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 31.8 25.3 37.9



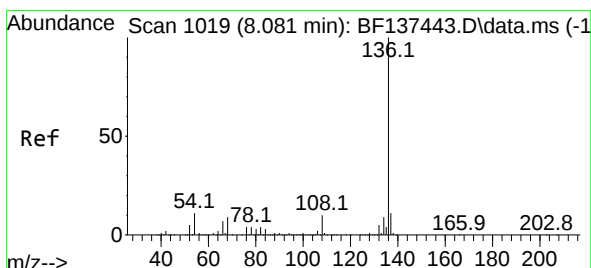
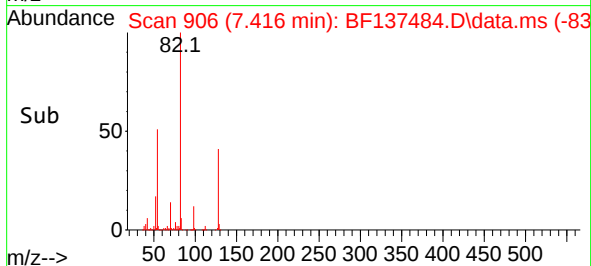
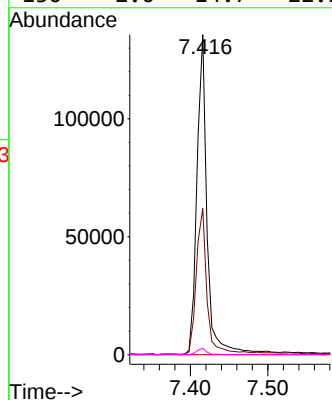
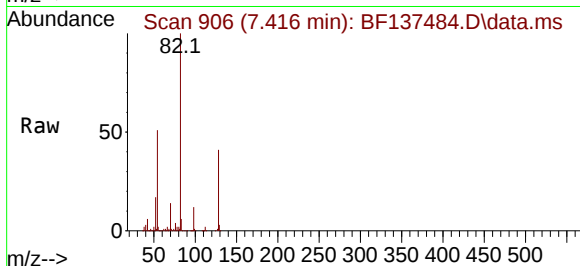


#19
n-Nitroso-di-n-propylamine
Concen: 9.745 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.135 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion: 70 Resp: 124776

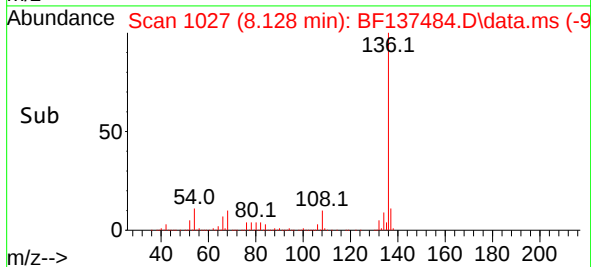
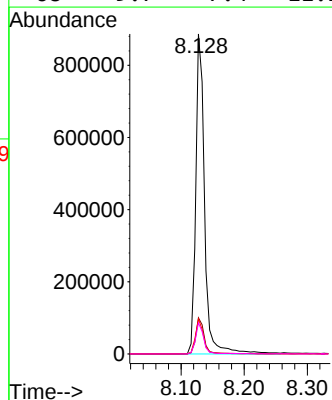
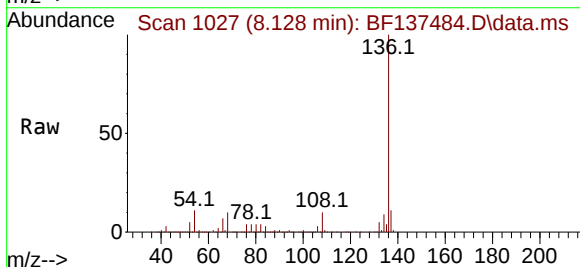
Ion	Ratio	Lower	Upper
70	100		
42	45.7	45.2	67.8
101	0.0	7.3	10.9#
130	2.0	14.7	22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

Tgt Ion: 136 Resp: 862792

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.0	8.5	12.7
68	9.7	7.4	11.2





#23

Nitrobenzene-d5

Concen: 50.907 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137484.D

Acq: 04 Mar 2024 16:49

Instrument :

BNA_F

ClientSampleId :

TP-11

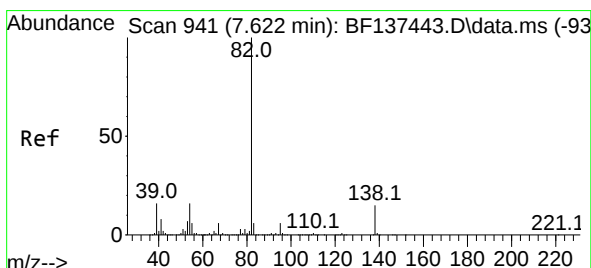
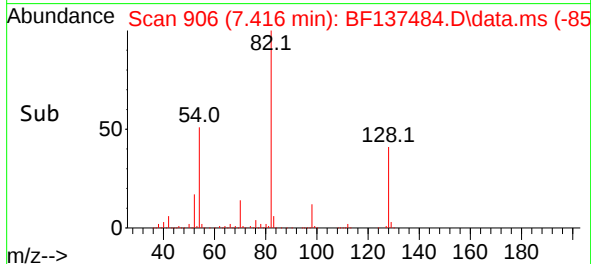
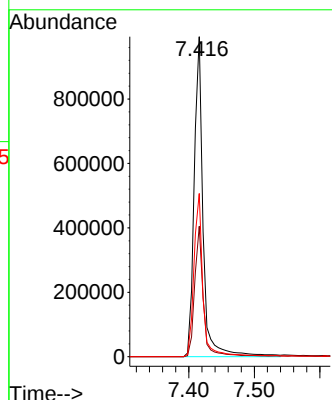
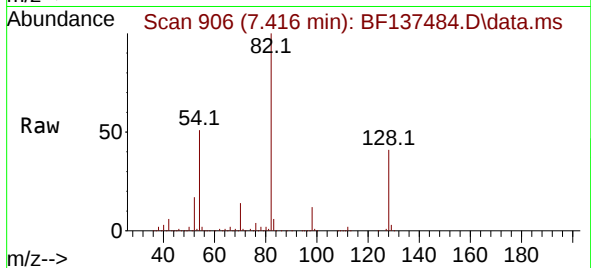
Tgt Ion: 82 Resp: 945299

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 51.0 41.5 62.3



#25

Isophorone

Concen: 26.796 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.265 min

Lab File: BF137484.D

Acq: 04 Mar 2024 16:49

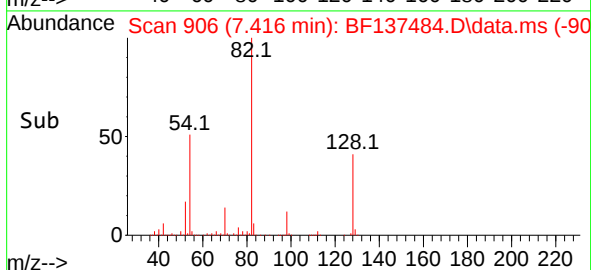
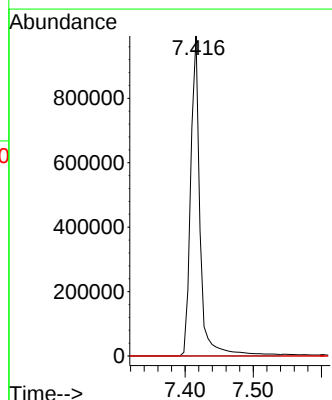
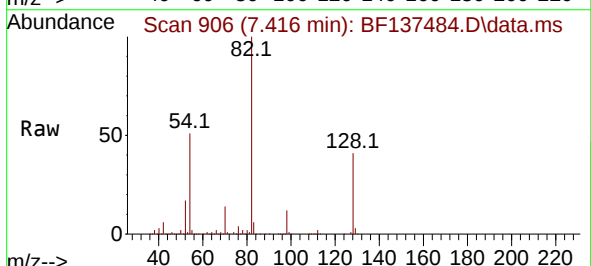
Tgt Ion: 82 Resp: 945291

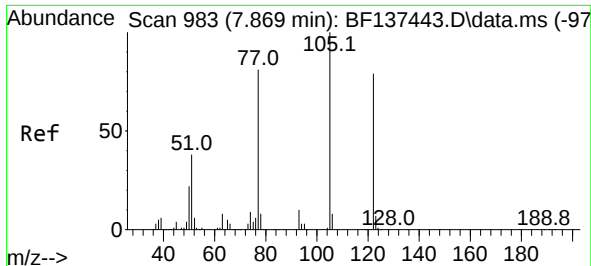
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

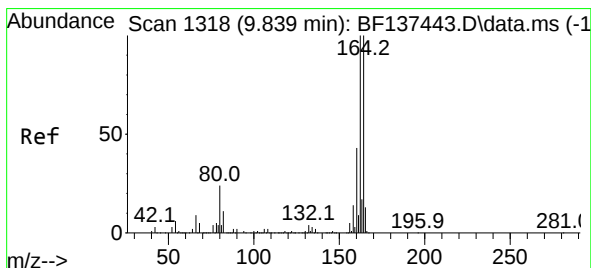
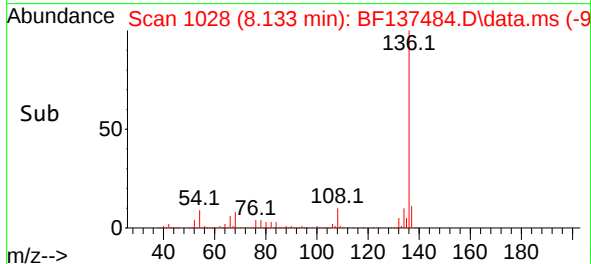
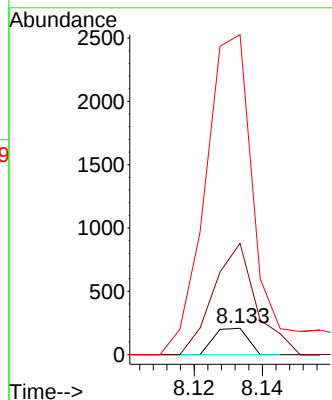
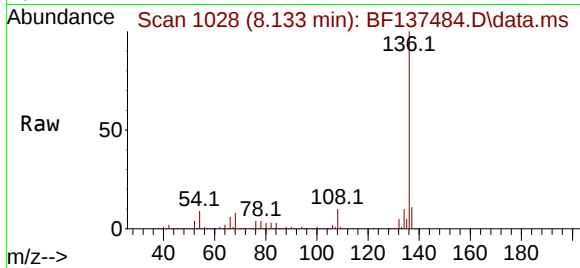




#32
Benzoic acid
Concen: 6.314 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.206 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

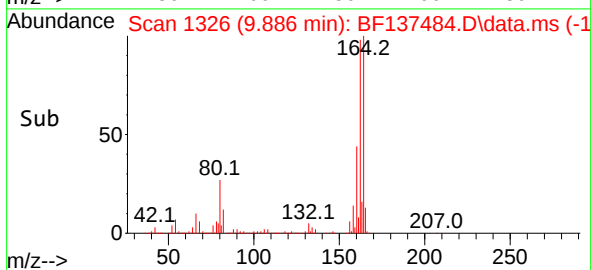
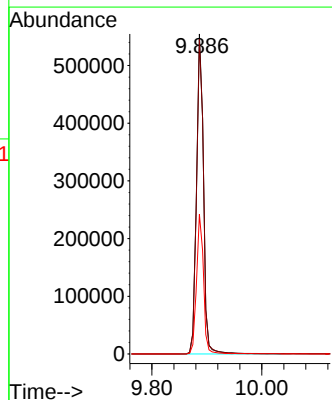
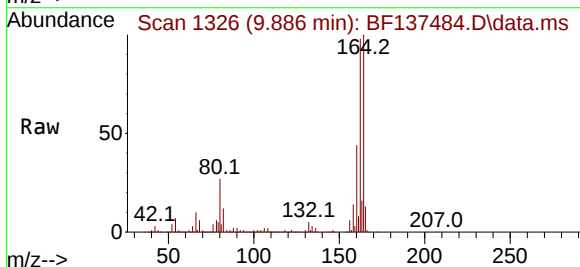
Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion:122 Resp: 144
Ion Ratio Lower Upper
122 100
105 422.6 102.4 142.4#
77 1214.9 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: BF137484.D
Acq: 04 Mar 2024 16:49

Tgt Ion:164 Resp: 484670
Ion Ratio Lower Upper
164 100
162 98.3 79.8 119.8
160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 73.369 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137484.D

Acq: 04 Mar 2024 16:49

Instrument :

BNA_F

ClientSampleId :

TP-11

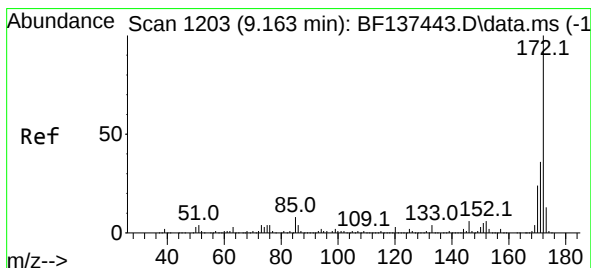
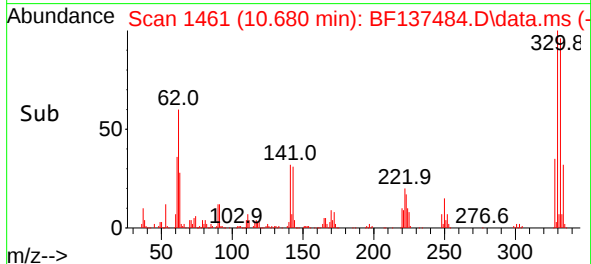
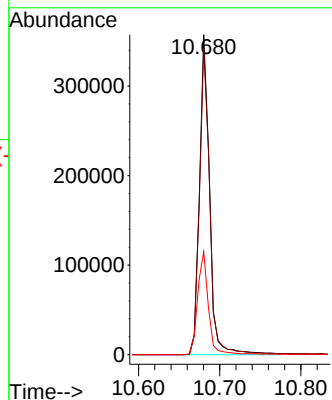
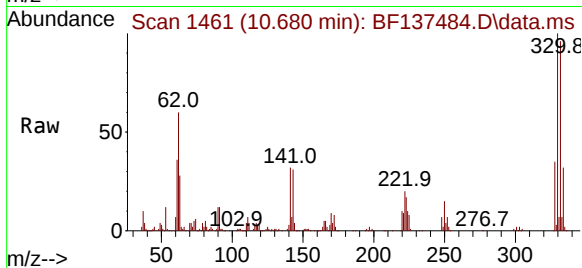
Tgt Ion:330 Resp: 312278

Ion Ratio Lower Upper

330 100

332 98.4 78.0 117.0

141 34.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 50.754 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137484.D

Acq: 04 Mar 2024 16:49

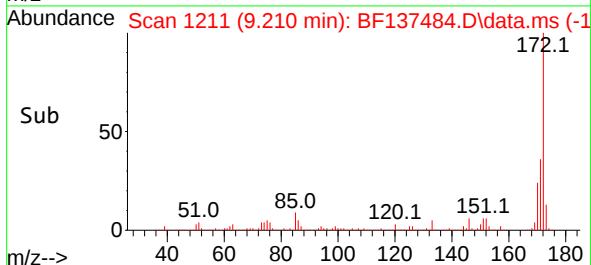
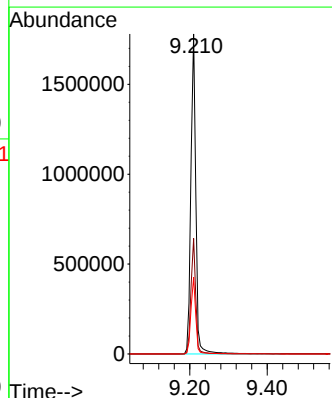
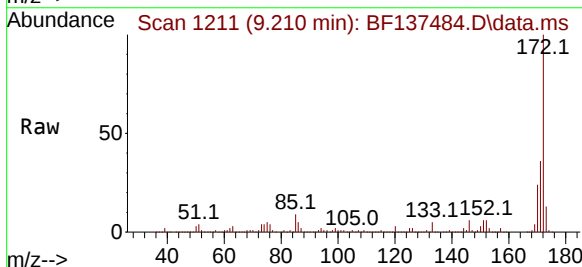
Tgt Ion:172 Resp: 1571451

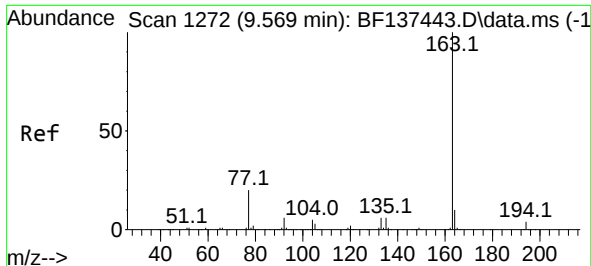
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 23.9 19.0 28.6

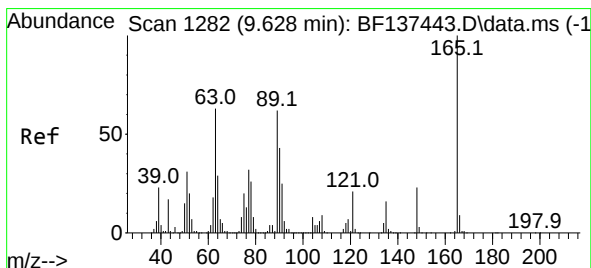
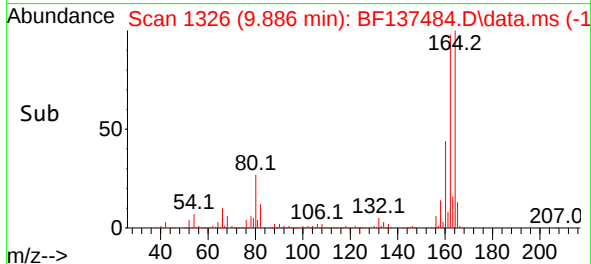
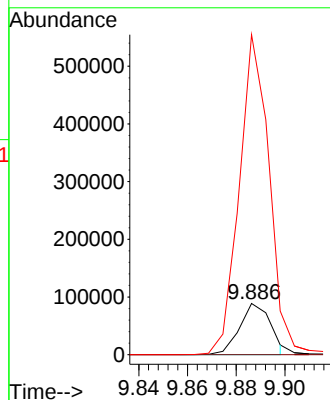
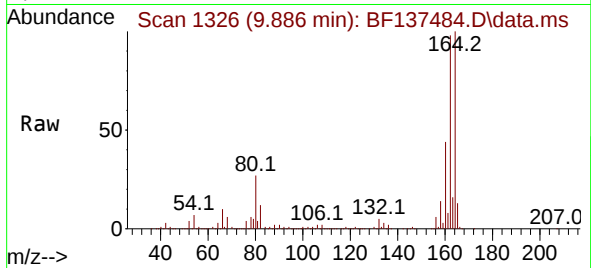




#50
Dimethylphthalate
Concen: 2.332 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.259 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

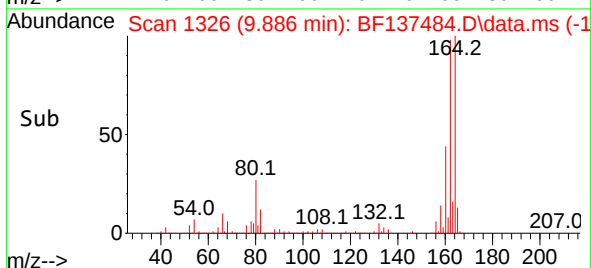
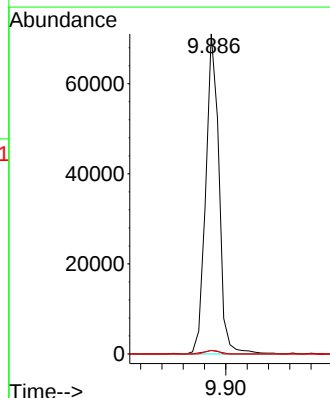
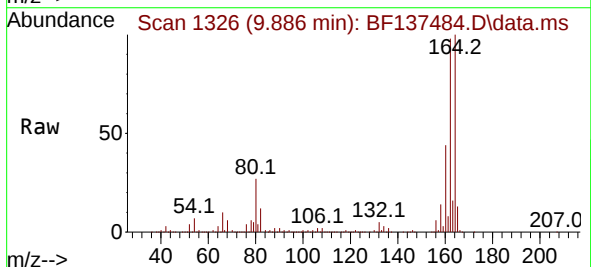
Instrument :
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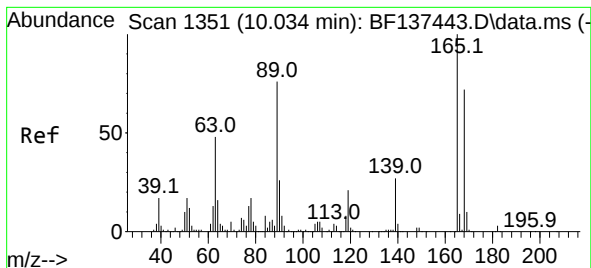
Tgt Ion:163 Resp: 78665
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 624.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.732 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.200 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

Tgt Ion:165 Resp: 61620
Ion Ratio Lower Upper
165 100
63 1.1 50.7 76.1#
89 1.1 50.0 75.0#

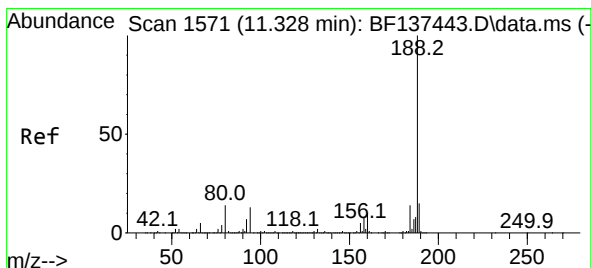
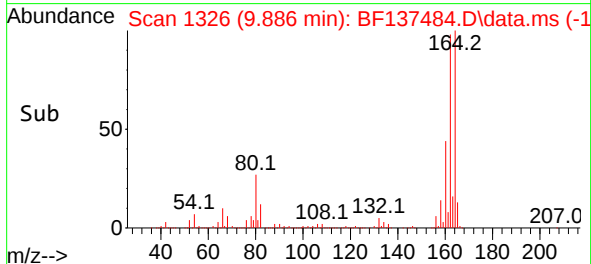
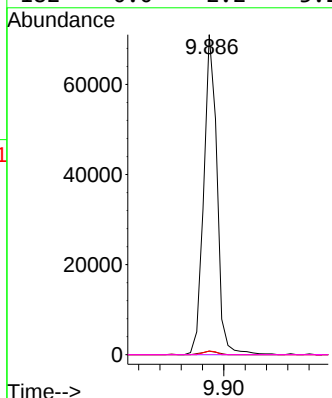
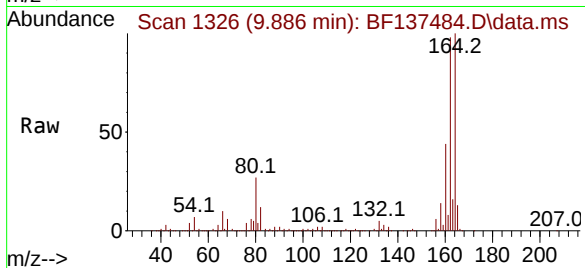




#57
2,4-Dinitrotoluene
Concen: 7.107 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

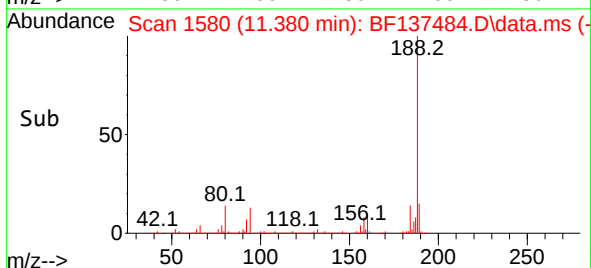
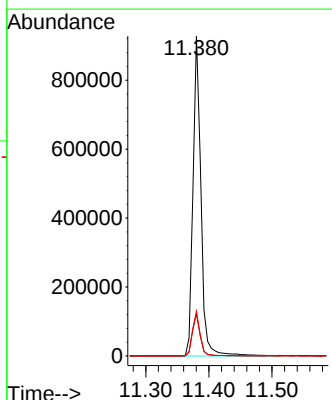
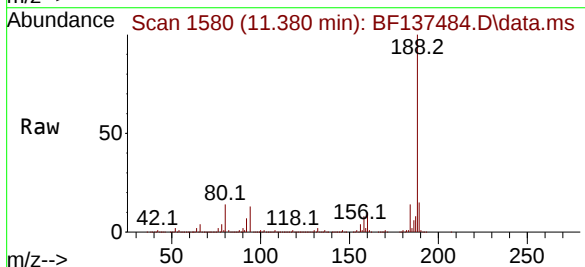
Instrument :
BNA_F
ClientSampleId :
TP-11

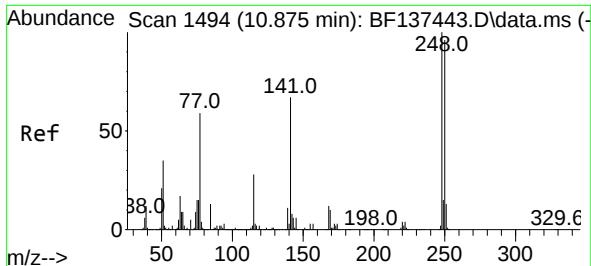
Tgt Ion:165 Resp: 61620
Ion Ratio Lower Upper
165 100
63 1.1 39.0 58.6#
89 1.1 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

Tgt Ion:188 Resp: 814151
Ion Ratio Lower Upper
188 100
94 13.2 10.6 15.8
80 14.0 11.5 17.3

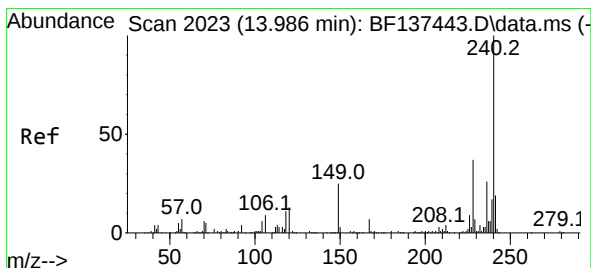
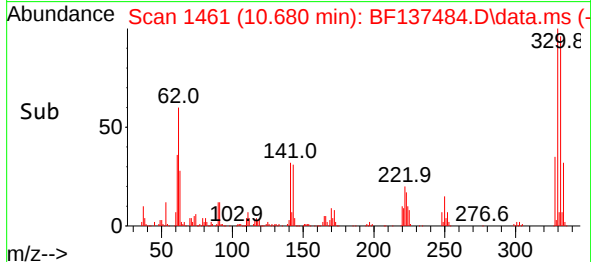
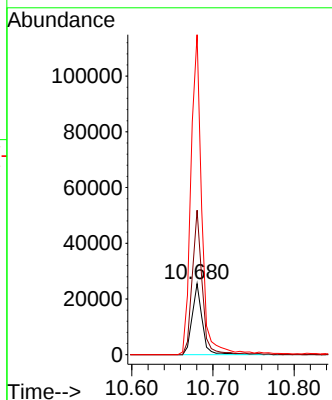
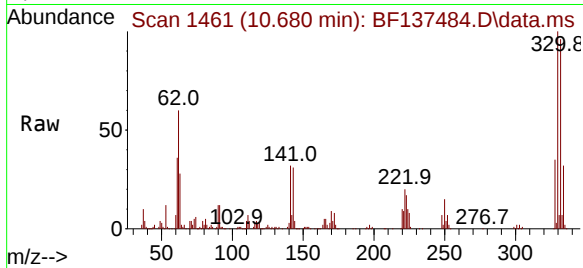




#67
4-Bromophenyl-phenylether
Concen: 2.515 ng
RT: 10.680 min Scan# 1494
Delta R.T. -0.253 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

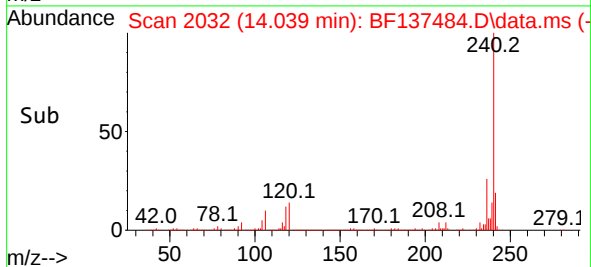
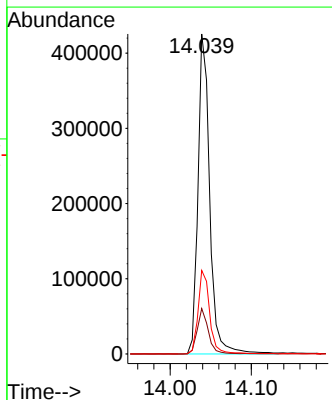
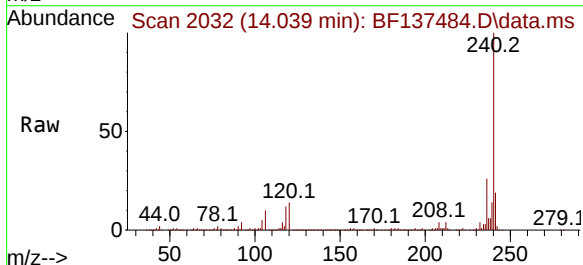
Instrument :
BNA_F
ClientSampleId :
TP-11

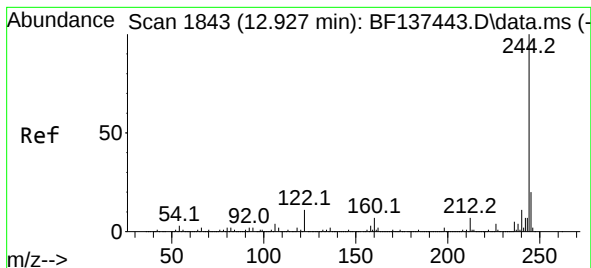
Tgt Ion:248 Resp: 22299
Ion Ratio Lower Upper
248 100
250 203.1 76.8 115.2#
141 450.0 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

Tgt Ion:240 Resp: 428899
Ion Ratio Lower Upper
240 100
120 14.2 10.4 15.6
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 47.563 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF137484.D

Acq: 04 Mar 2024 16:49

Instrument :

BNA_F

ClientSampleId :

TP-11

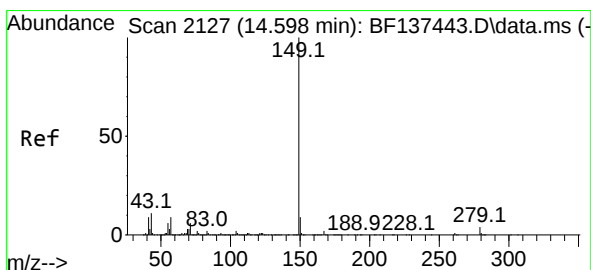
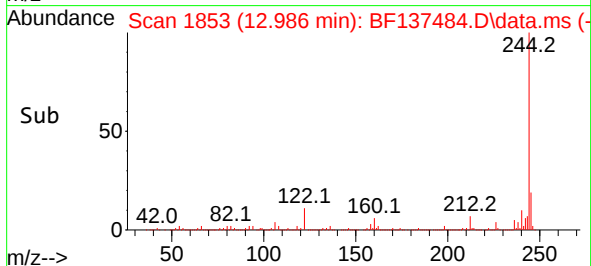
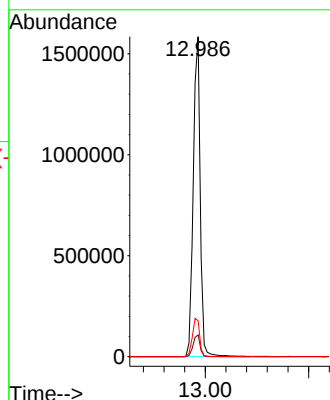
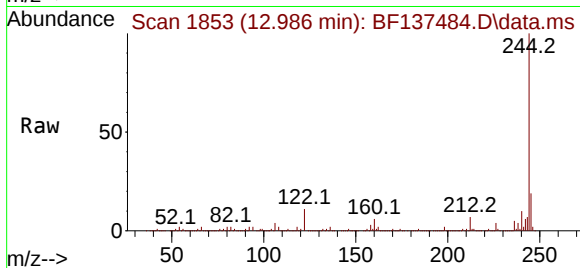
Tgt Ion:244 Resp: 1483491

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.2 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.653 ng

RT: 14.657 min Scan# 2137

Delta R.T. -0.006 min

Lab File: BF137484.D

Acq: 04 Mar 2024 16:49

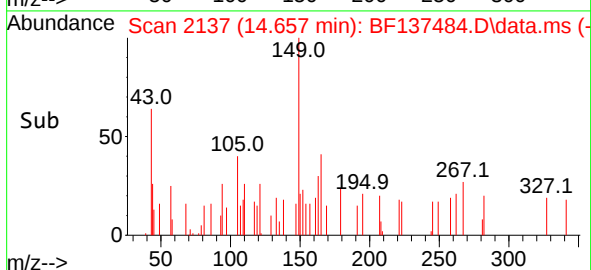
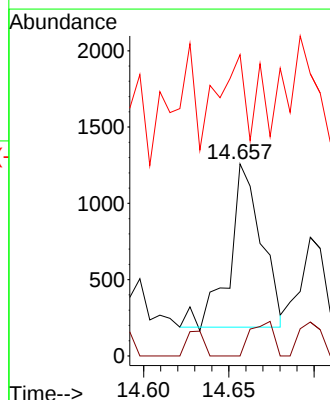
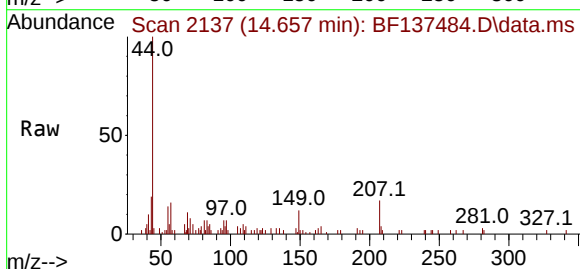
Tgt Ion:149 Resp: 1390

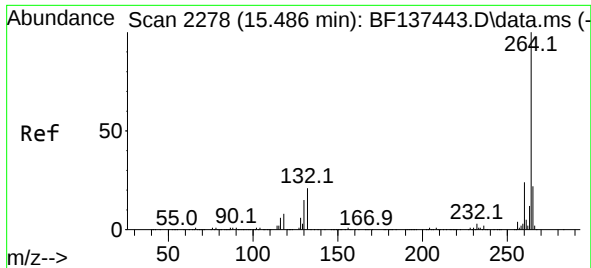
Ion Ratio Lower Upper

149 100

167 15.1 1.2 1.8#

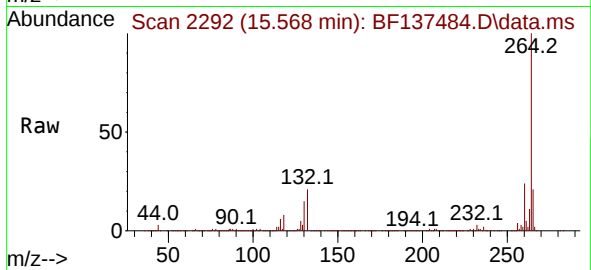
43 32.9 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137484.D
 Acq: 04 Mar 2024 16:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-11



Tgt Ion:264 Resp: 449808
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.1 17.4 26.0

