

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137483.D
 Acq On : 04 Mar 2024 16:19
 Operator : CG\JU
 Sample : P1669-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-14

Quant Time: Mar 04 16:47:34 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

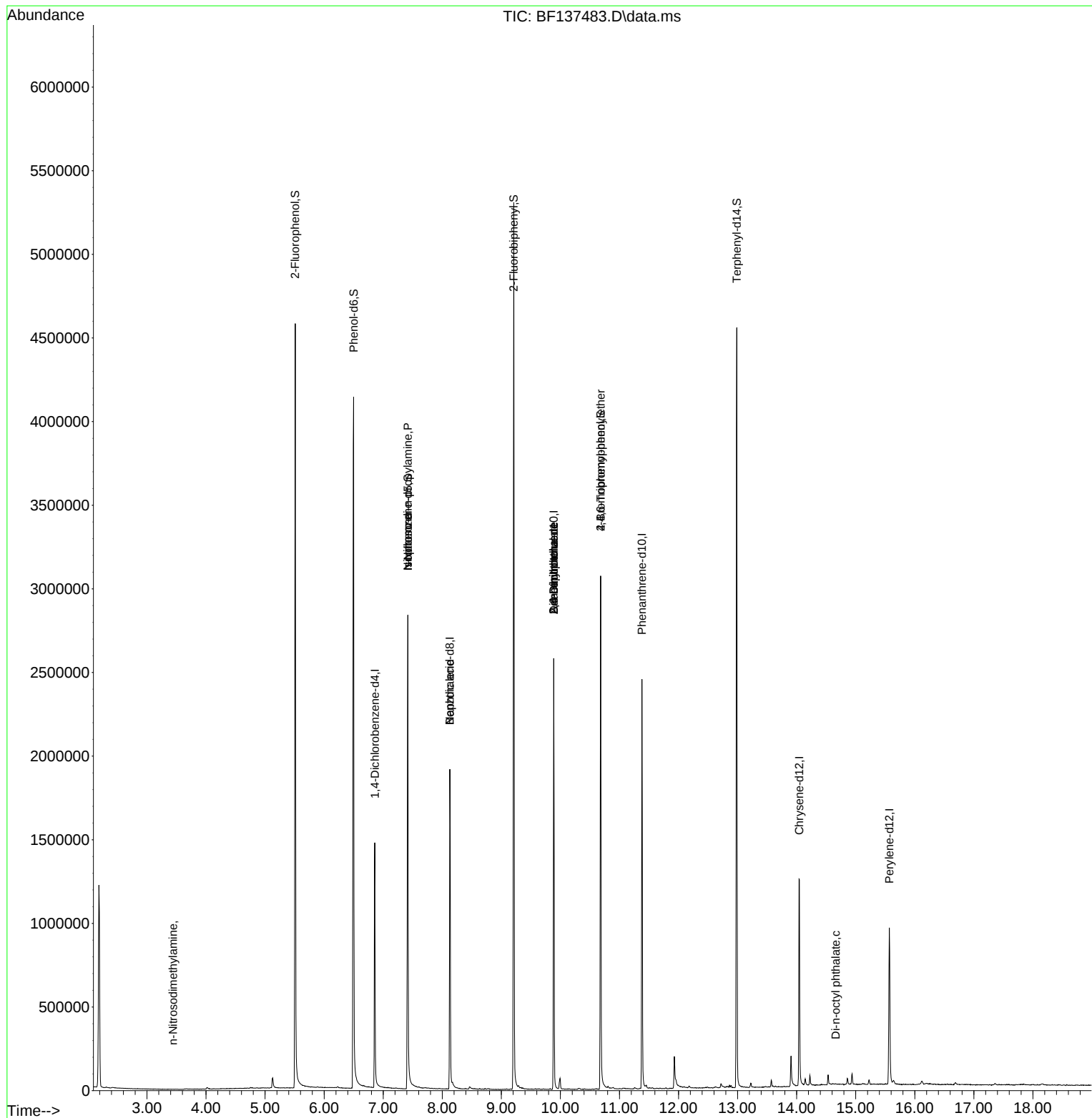
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	225119	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	904646	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	501954	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	855352	20.000	ng	0.00
76) Chrysene-d12	14.045	240	454351	20.000	ng	0.00
86) Perylene-d12	15.568	264	455400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1196530	80.499	ng	0.00
7) Phenol-d6	6.498	99	1661445	77.437	ng	0.00
23) Nitrobenzene-d5	7.416	82	1003799	51.557	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	342321	77.659	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1586781	49.484	ng	0.00
79) Terphenyl-d14	12.986	244	1603670	48.536	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.440	42	54	3.815	ng	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	128286	9.683	ng	# 81
25) Isophorone	7.416	82	1003794	27.137	ng	# 69
32) Benzoic acid	8.128	122	162	6.315	ng	# 1
50) Dimethylphthalate	9.886	163	83884	2.401	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	64649	8.846	ng	# 20
57) 2,4-Dinitrotoluene	9.886	165	64740	7.210	ng	# 21
67) 4-Bromophenyl-phenylether	10.681	248	23318	2.503	ng	# 1
85) Di-n-octyl phthalate	14.663	149	1515	5.655	ng	# 72

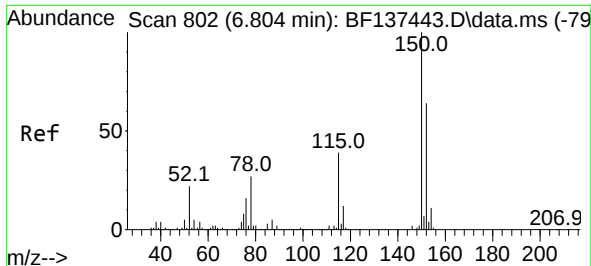
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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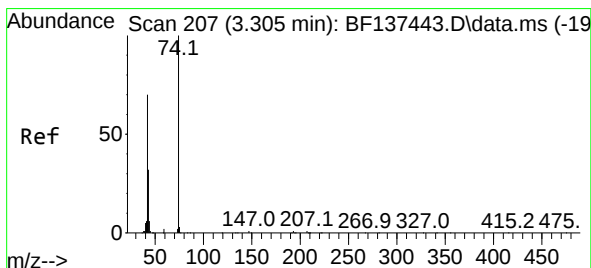
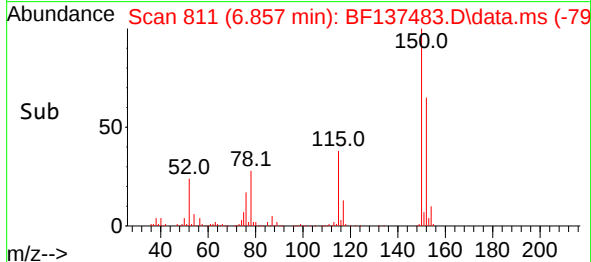
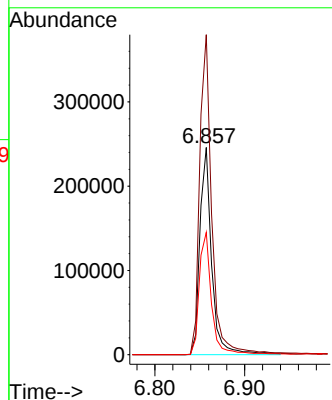
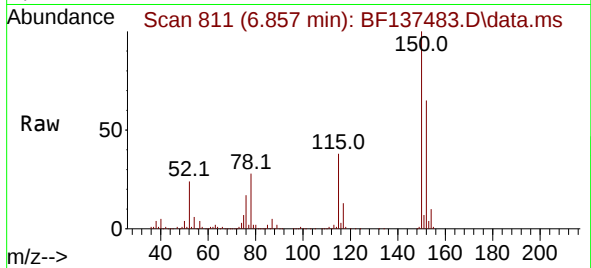




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

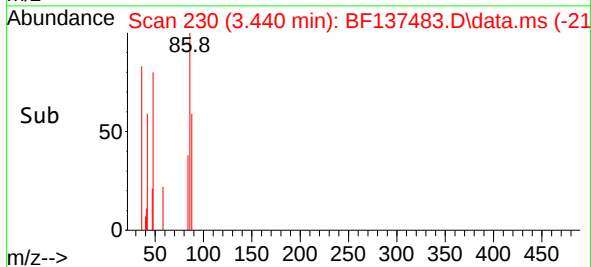
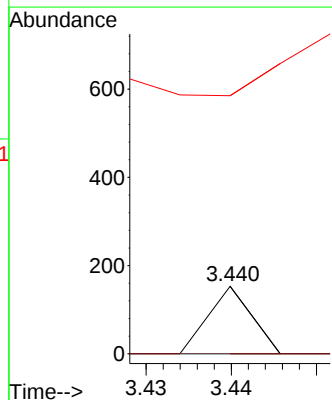
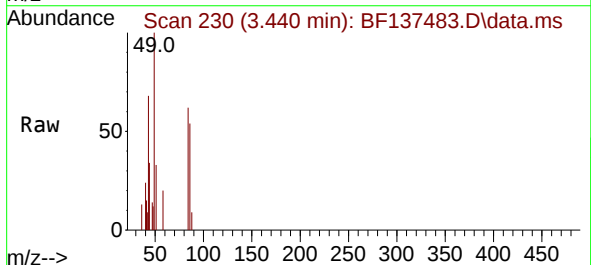
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BNA_F
ClientSampleId :
TP-14

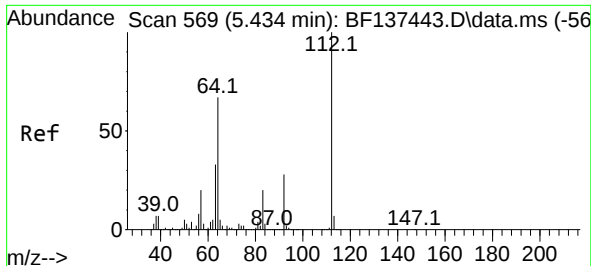
Tgt Ion:152 Resp: 225119
Ion Ratio Lower Upper
152 100
150 154.4 125.8 188.6
115 59.0 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.815 ng
RT: 3.440 min Scan# 230
Delta R.T. -0.006 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

Tgt Ion: 42 Resp: 54
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 382.4 7.0 10.4#

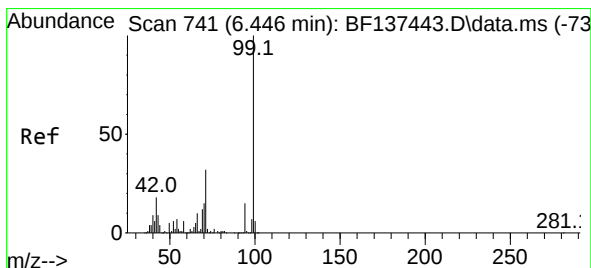
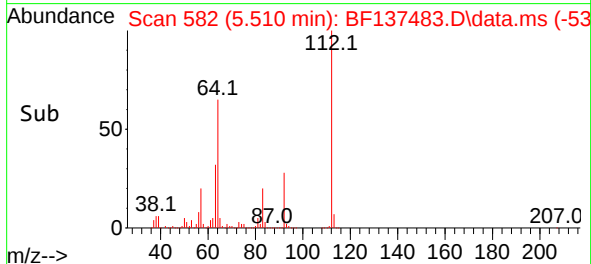
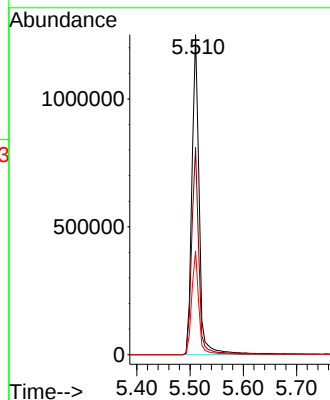
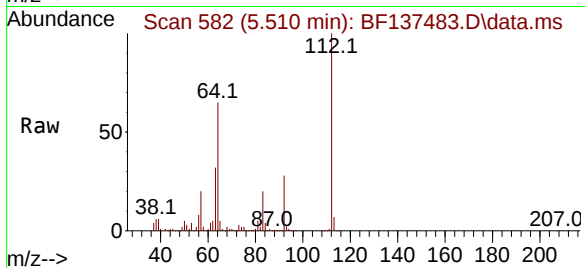




#5
2-Fluorophenol
Concen: 80.499 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

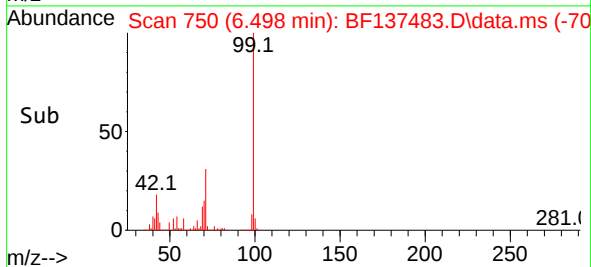
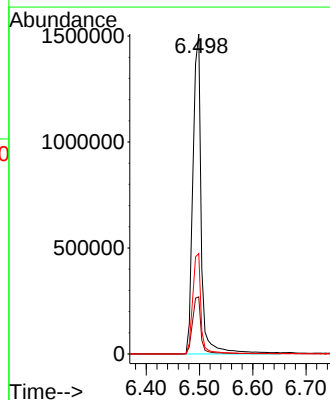
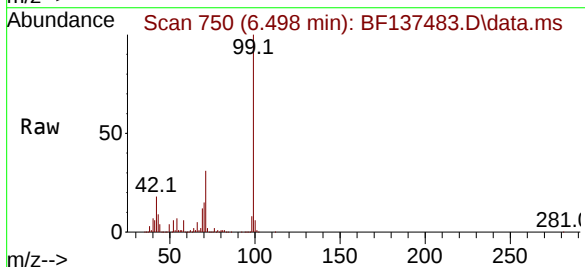
Instrument :
BNA_F
ClientSampleId :
TP-14

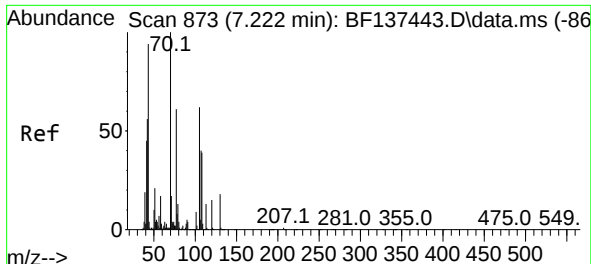
Tgt Ion:112 Resp: 1196530
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 32.4 26.2 39.2



#7
Phenol-d6
Concen: 77.437 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

Tgt Ion: 99 Resp: 1661445
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 31.4 25.3 37.9



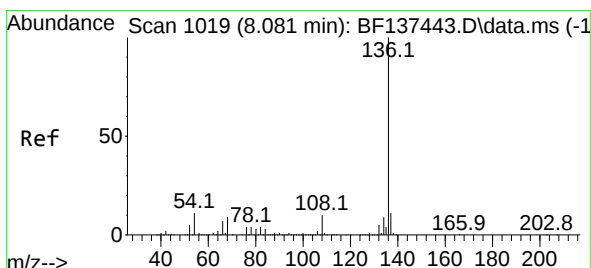
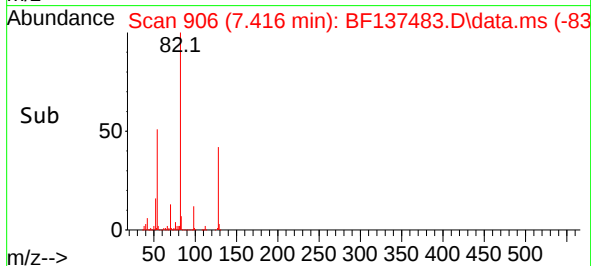
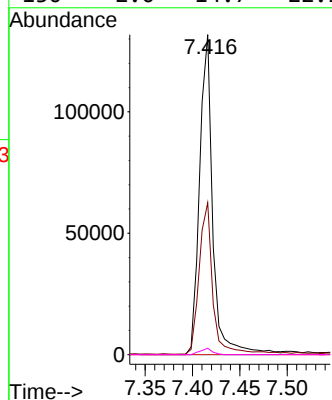
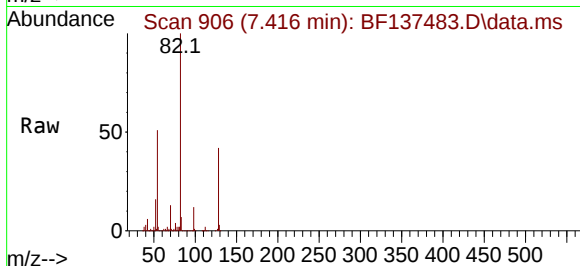


#19
n-Nitroso-di-n-propylamine
Concen: 9.683 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.136 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

Instrument :
BNA_F
ClientSampleId :
TP-14

Tgt Ion: 70 Resp: 128286

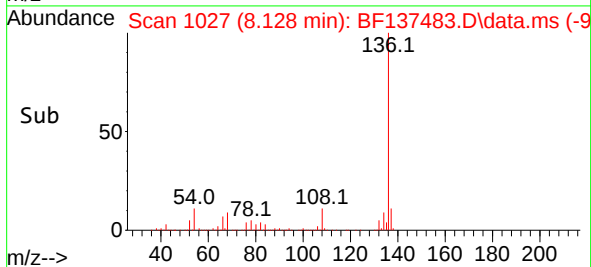
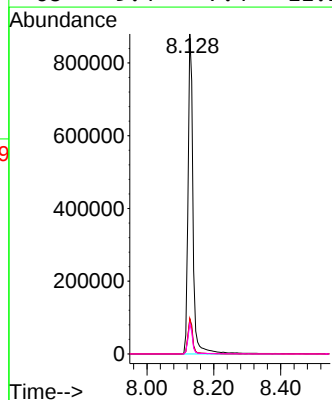
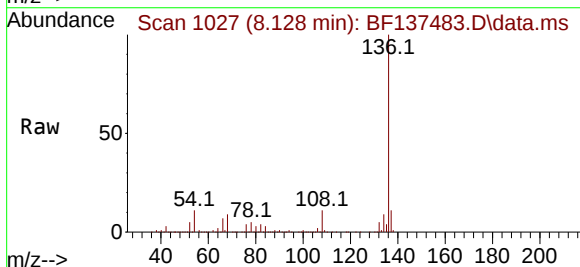
Ion	Ratio	Lower	Upper
70	100		
42	47.5	45.2	67.8
101	0.0	7.3	10.9#
130	2.0	14.7	22.1#

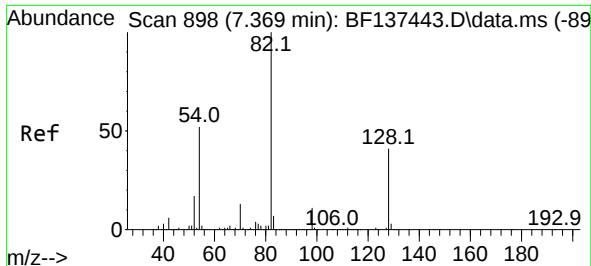


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

Tgt Ion: 136 Resp: 904646

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	11.1	8.5	12.7
68	9.4	7.4	11.2





#23

Nitrobenzene-d5

Concen: 51.557 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137483.D

Acq: 04 Mar 2024 16:19

Instrument :

BNA_F

ClientSampleId :

TP-14

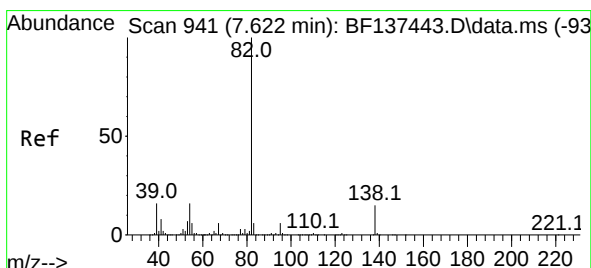
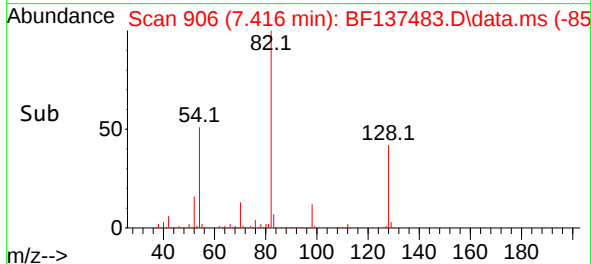
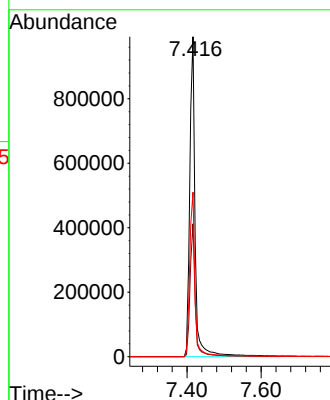
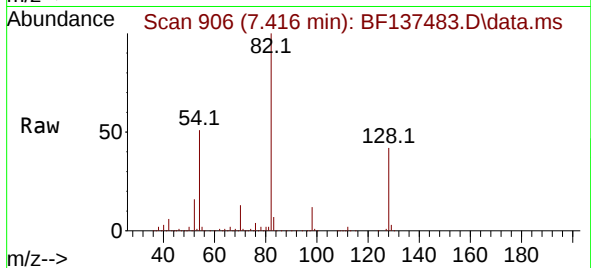
Tgt Ion: 82 Resp: 1003799

Ion Ratio Lower Upper

82 100

128 41.5 32.5 48.7

54 51.4 41.5 62.3



#25

Isophorone

Concen: 27.137 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.264 min

Lab File: BF137483.D

Acq: 04 Mar 2024 16:19

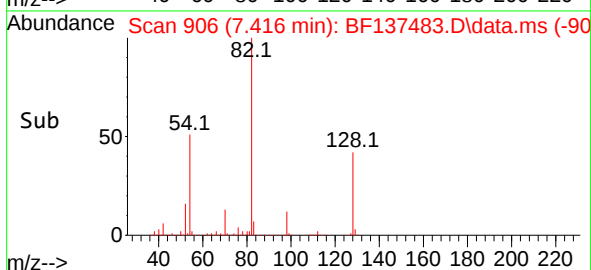
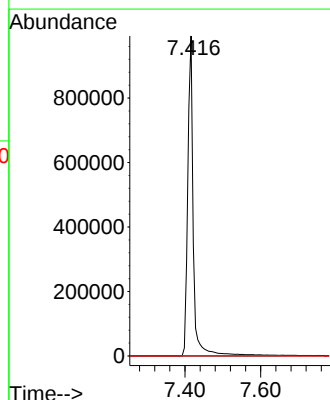
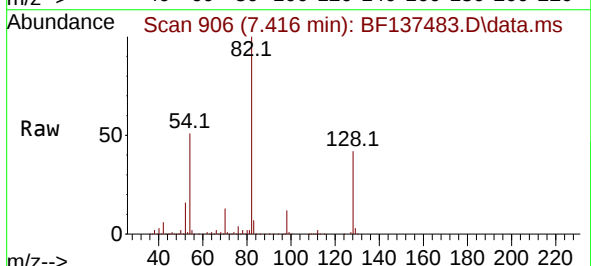
Tgt Ion: 82 Resp: 1003794

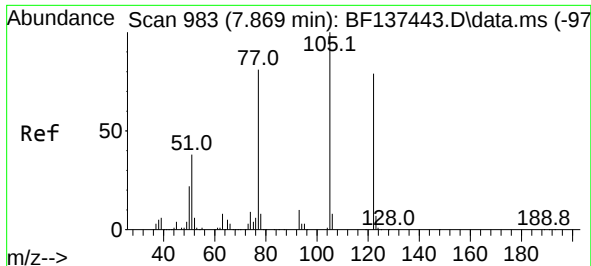
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

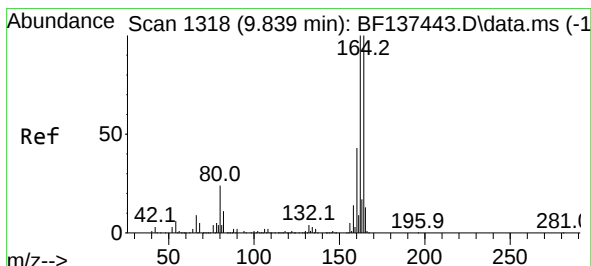
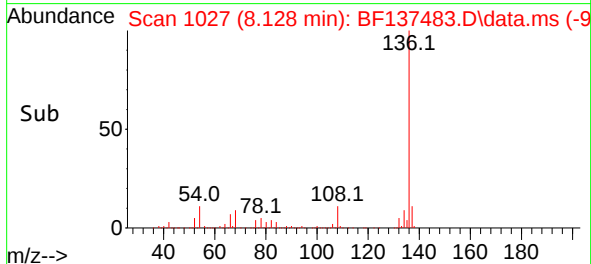
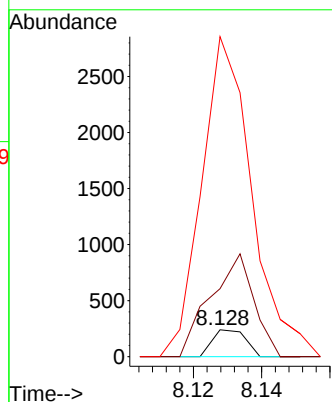
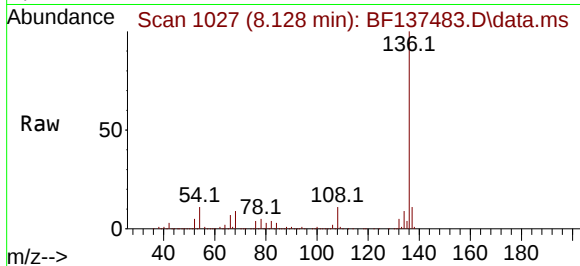




#32
Benzoic acid
Concen: 6.315 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.200 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

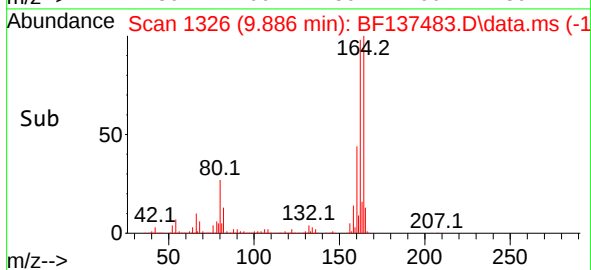
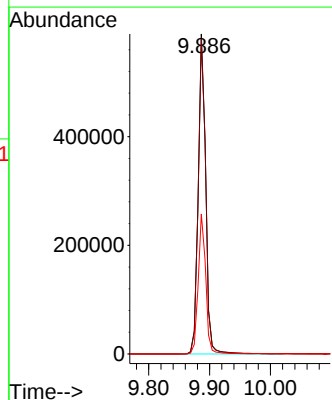
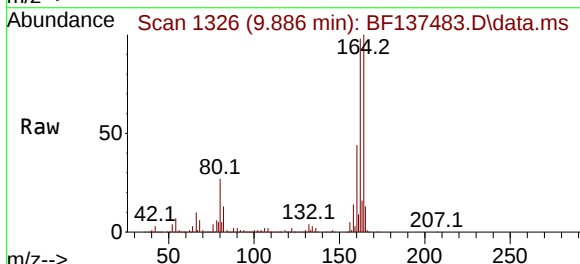
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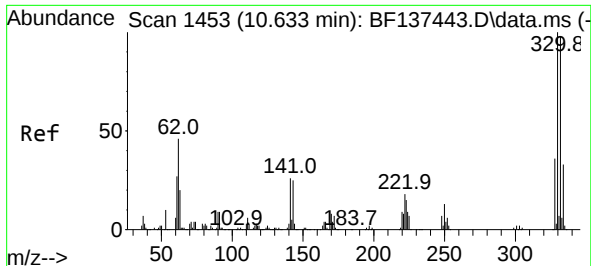
Tgt Ion:122 Resp: 162
Ion Ratio Lower Upper
122 100
105 254.0 102.4 142.4#
77 1194.6 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

Tgt Ion:164 Resp: 501954
Ion Ratio Lower Upper
164 100
162 98.3 79.8 119.8
160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 77.659 ng

RT: 10.681 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137483.D

Acq: 04 Mar 2024 16:19

Instrument :

BNA_F

ClientSampleId :

TP-14

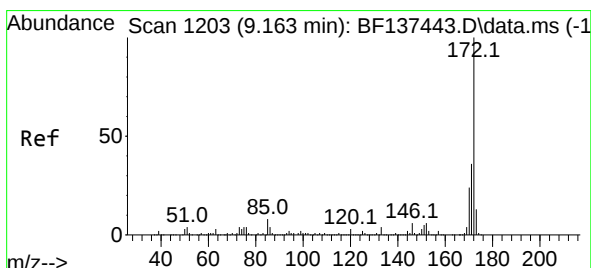
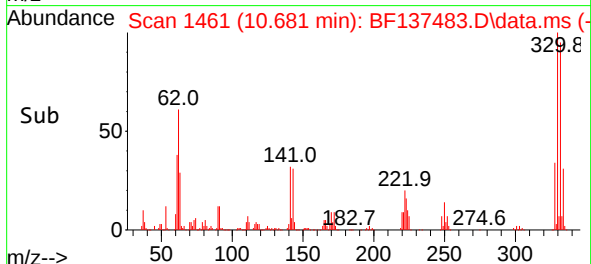
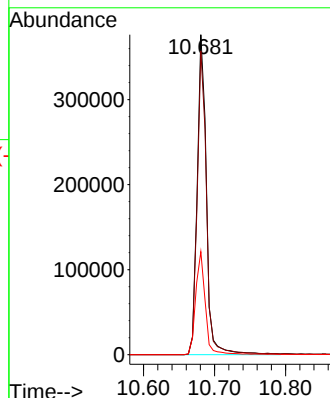
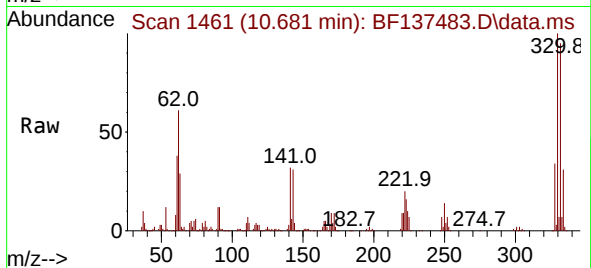
Tgt Ion:330 Resp: 342321

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

141 33.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 49.484 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137483.D

Acq: 04 Mar 2024 16:19

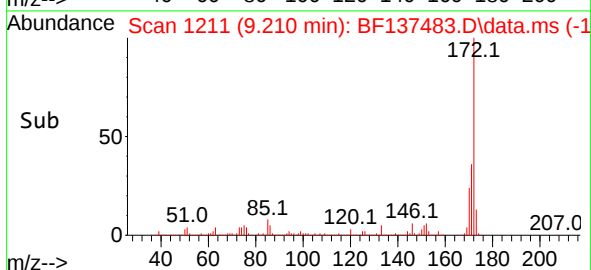
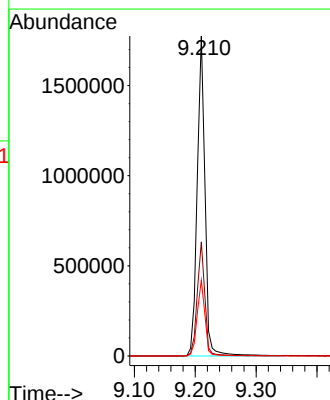
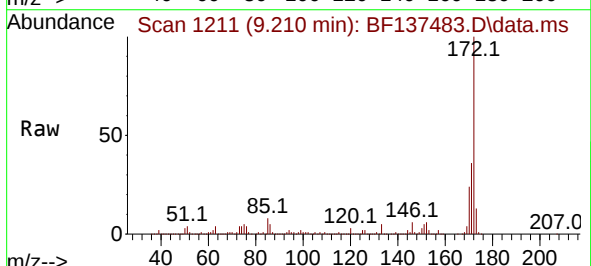
Tgt Ion:172 Resp: 1586781

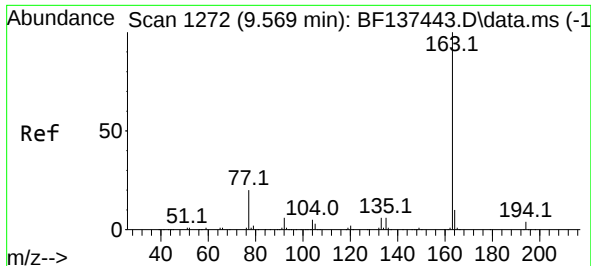
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.7 19.0 28.6

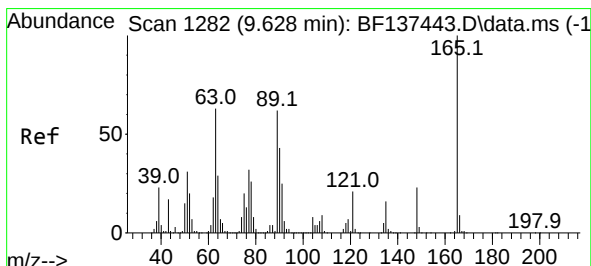
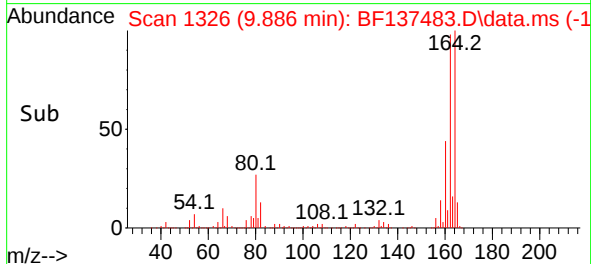
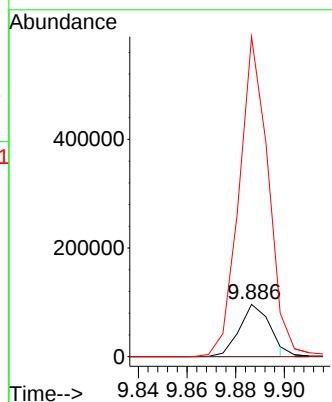
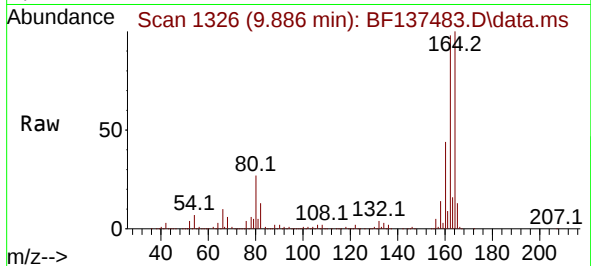




#50
Dimethylphthalate
Concen: 2.401 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.259 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

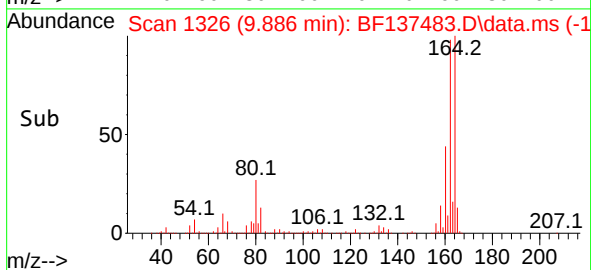
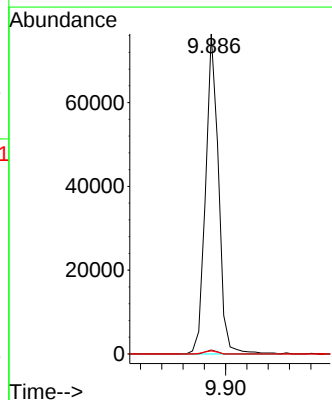
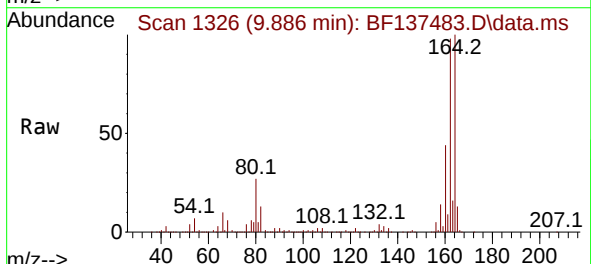
Instrument :
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ClientSampleId :
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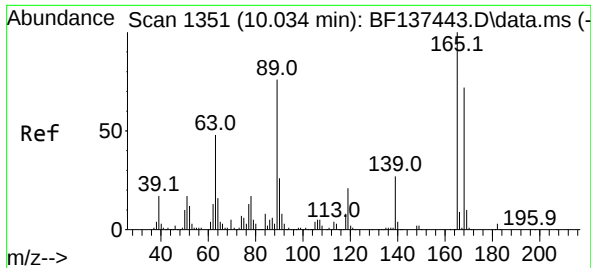
Tgt Ion:163 Resp: 83884
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 611.3 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.846 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.200 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

Tgt Ion:165 Resp: 64649
Ion Ratio Lower Upper
165 100
63 1.2 50.7 76.1#
89 0.9 50.0 75.0#

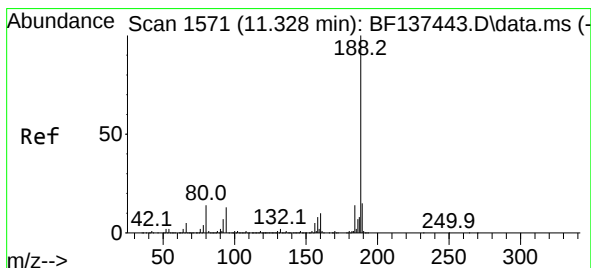
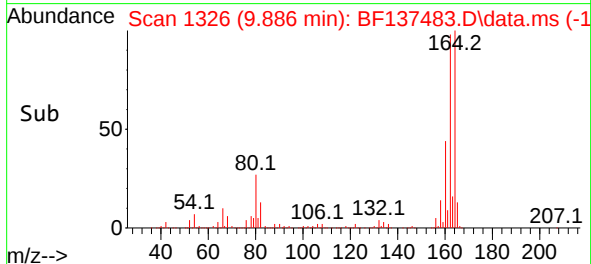
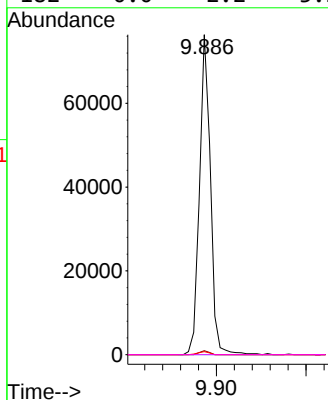
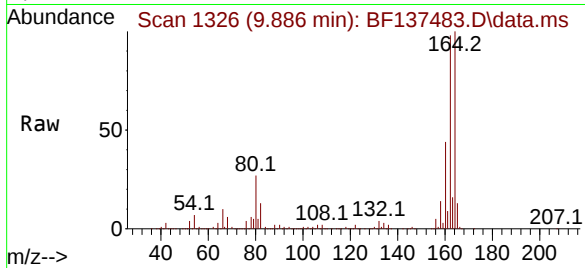




#57
2,4-Dinitrotoluene
Concen: 7.210 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

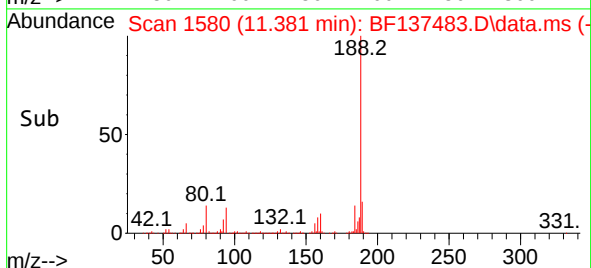
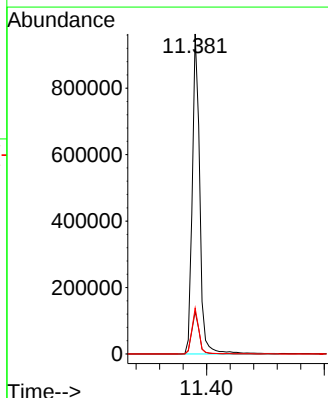
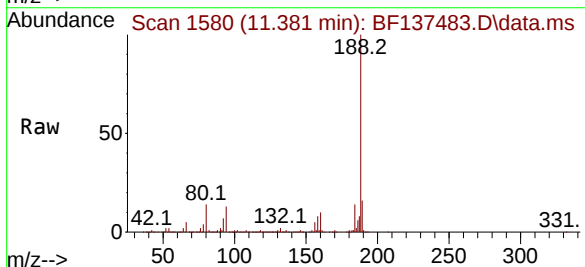
Instrument :
BNA_F
ClientSampleId :
TP-14

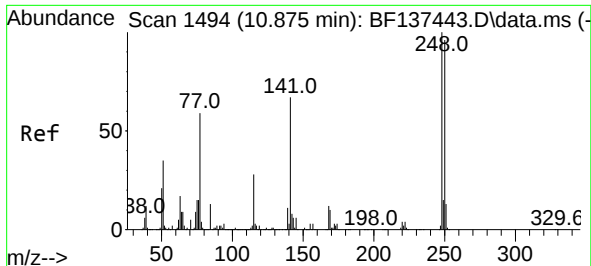
Tgt Ion:165 Resp: 64740
Ion Ratio Lower Upper
165 100
63 1.2 39.0 58.6#
89 0.9 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

Tgt Ion:188 Resp: 855352
Ion Ratio Lower Upper
188 100
94 13.2 10.6 15.8
80 14.4 11.5 17.3

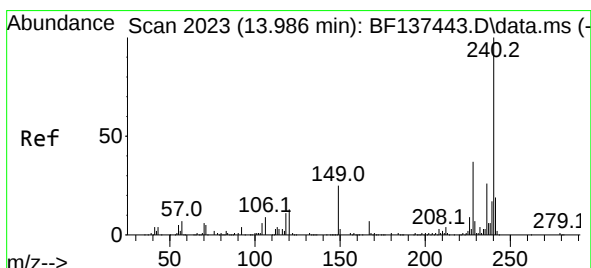
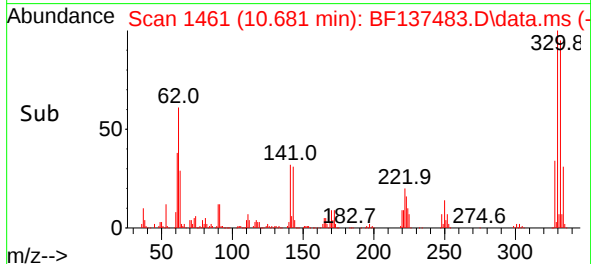
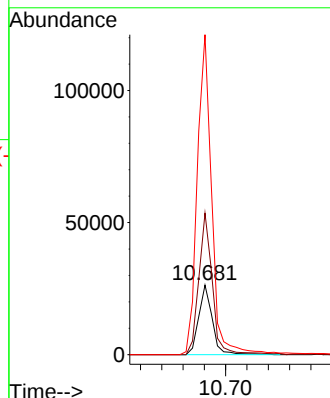
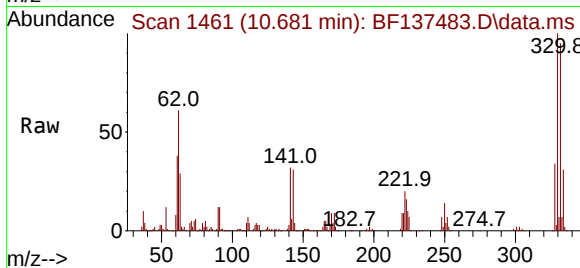




#67
4-Bromophenyl-phenylether
Concen: 2.503 ng
RT: 10.681 min Scan# 141
Delta R.T. -0.253 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

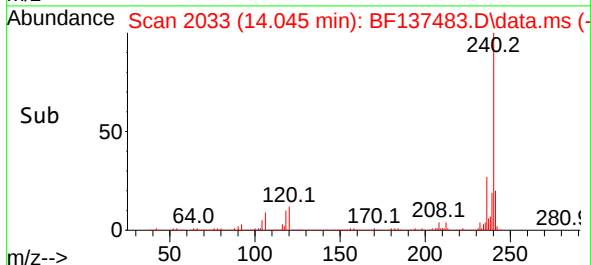
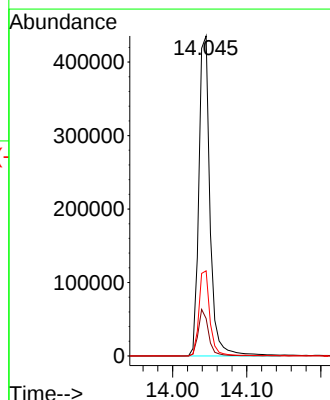
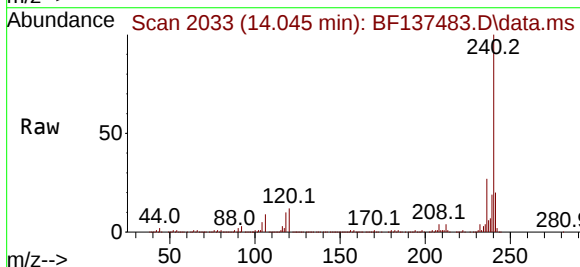
Instrument :
BNA_F
ClientSampleId :
TP-14

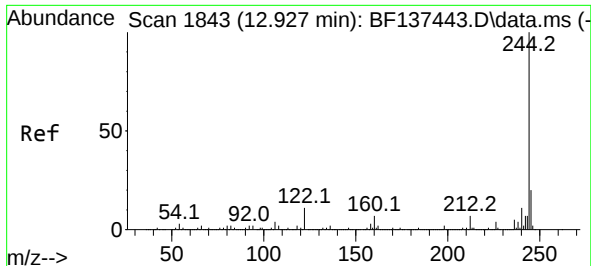
Tgt Ion:248 Resp: 23318
Ion Ratio Lower Upper
248 100
250 203.5 76.8 115.2#
141 459.8 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF137483.D
Acq: 04 Mar 2024 16:19

Tgt Ion:240 Resp: 454351
Ion Ratio Lower Upper
240 100
120 11.7 10.4 15.6
236 26.6 20.9 31.3

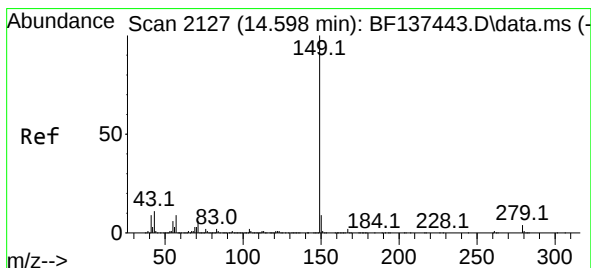
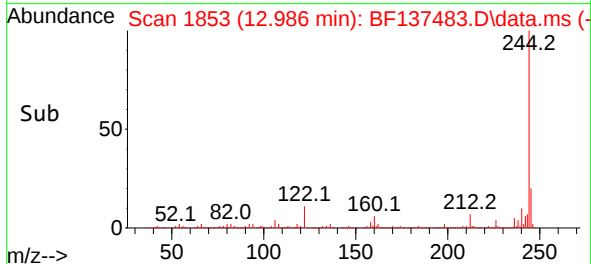
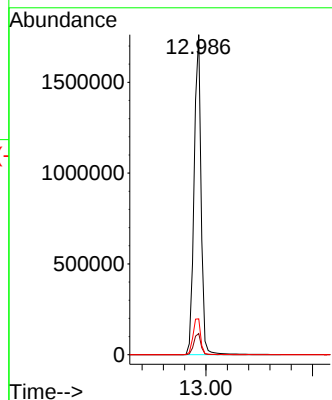
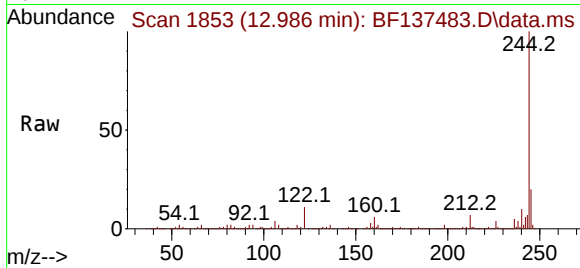




#79
 Terphenyl-d14
 Concen: 48.536 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF137483.D
 Acq: 04 Mar 2024 16:19

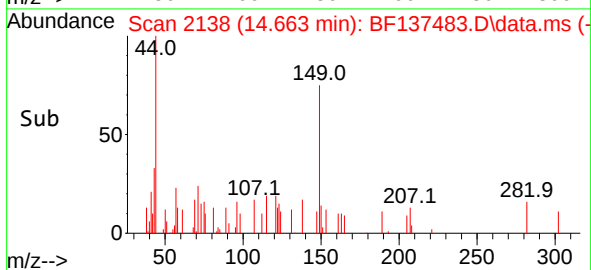
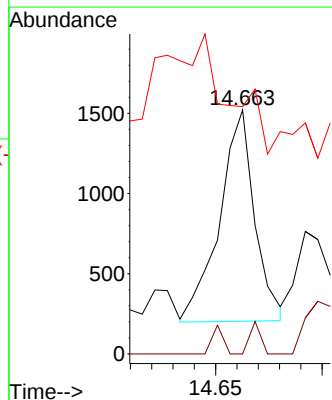
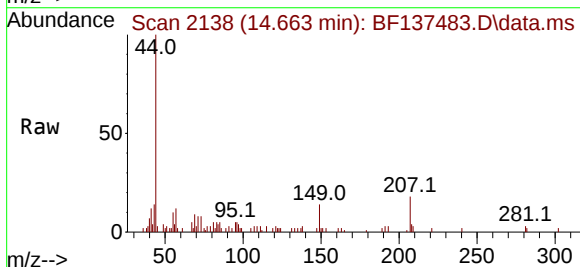
Instrument :
 BNA_F
 ClientSampleId :
 TP-14

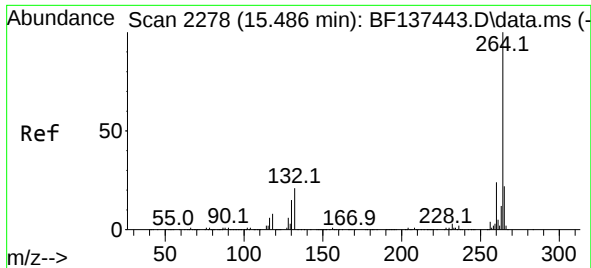
Tgt Ion:244 Resp: 1603670
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.2 9.1 13.7



#85
 Di-n-octyl phthalate
 Concen: 5.655 ng
 RT: 14.663 min Scan# 2138
 Delta R.T. 0.000 min
 Lab File: BF137483.D
 Acq: 04 Mar 2024 16:19

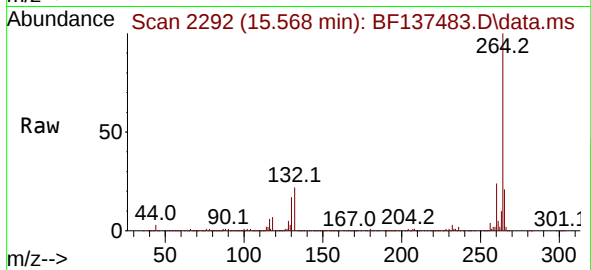
Tgt Ion:149 Resp: 1515
 Ion Ratio Lower Upper
 149 100
 167 4.7 1.2 1.8#
 43 0.0 9.6 14.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF137483.D
 Acq: 04 Mar 2024 16:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-14



Tgt Ion:264 Resp: 455400
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.4 17.4 26.0

