

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137482.D
 Acq On : 04 Mar 2024 15:49
 Operator : CG\JU
 Sample : P1662-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR-2520556

Quant Time: Mar 04 16:17:37 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

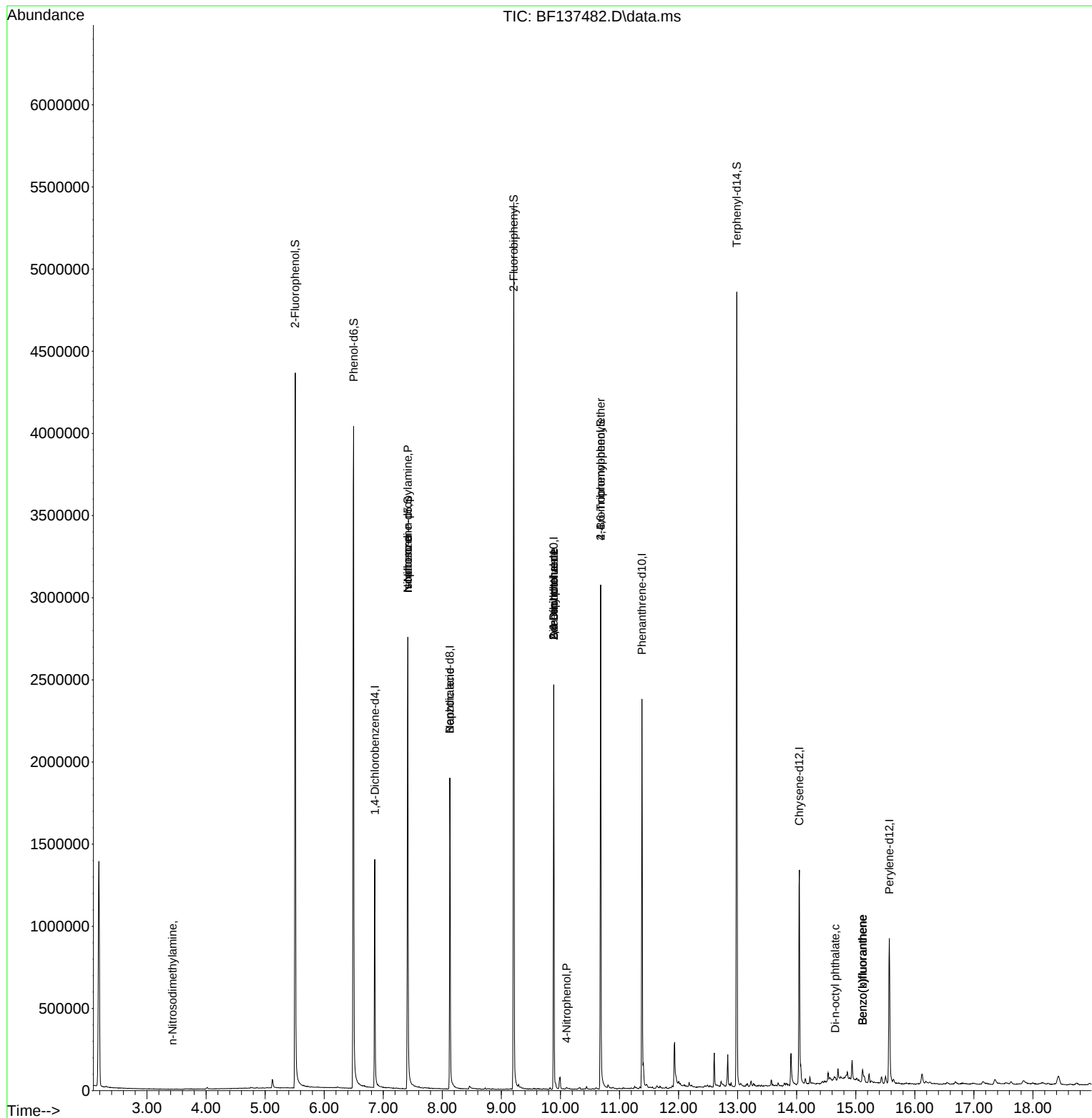
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	207346	20.000	ng	0.00
21) Naphthalene-d8	8.127	136	820467	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	463468	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	810641	20.000	ng	0.00
76) Chrysene-d12	14.045	240	445933	20.000	ng	0.00
86) Perylene-d12	15.568	264	437246	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1133599	82.803	ng	0.00
7) Phenol-d6	6.498	99	1579958	79.951	ng	0.00
23) Nitrobenzene-d5	7.416	82	962984	54.535	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	335949	82.542	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1628484	55.002	ng	0.00
79) Terphenyl-d14	12.986	244	1677961	51.743	ng	0.00
Target Compounds						
4) n-Nitrosodimethylamine	3.434	42	147	3.827	ng	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	127037	10.410	ng	# 79
25) Isophorone	7.416	82	962976	28.705	ng	# 69
32) Benzoic acid	8.127	122	175	6.319	ng	# 1
50) Dimethylphthalate	9.886	163	75449	2.339	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	59720	8.850	ng	# 20
56) 4-Nitrophenol	10.104	139	1982	4.895	ng	# 5
57) 2,4-Dinitrotoluene	9.886	165	59720	7.203	ng	# 21
67) 4-Bromophenyl-phenylether	10.680	248	22971	2.602	ng	# 1
85) Di-n-octyl phthalate	14.651	149	13952	6.057	ng	# 72
88) Benzo(b)fluoranthene	15.115	252	63562	2.457	ng	97
89) Benzo(k)fluoranthene	15.115	252	63562	2.288	ng	96

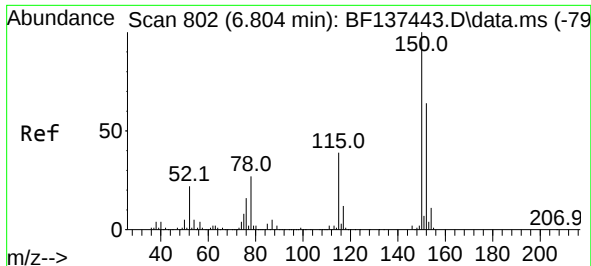
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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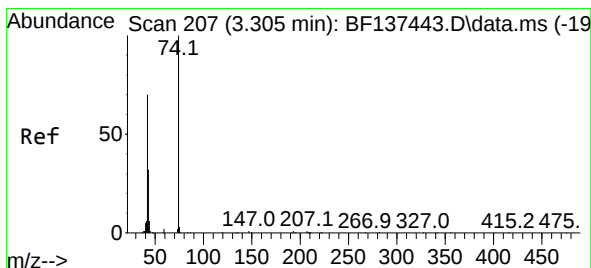
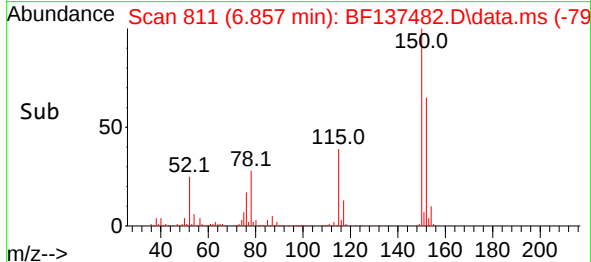
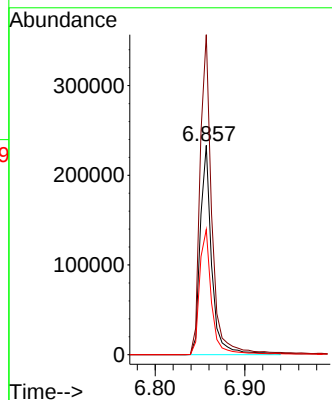
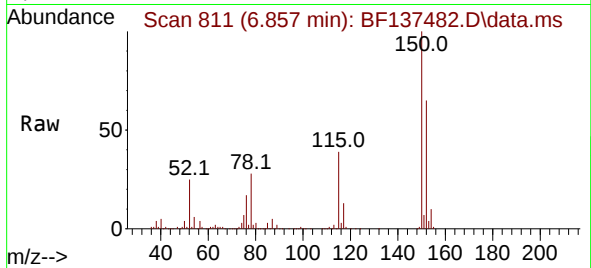




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

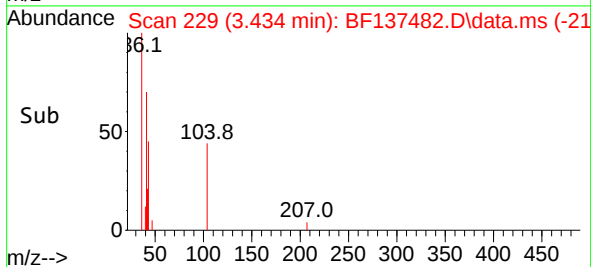
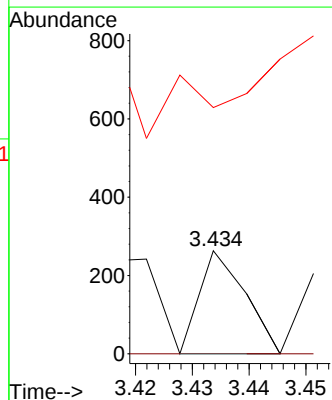
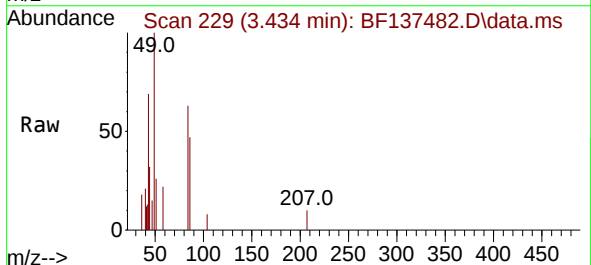
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

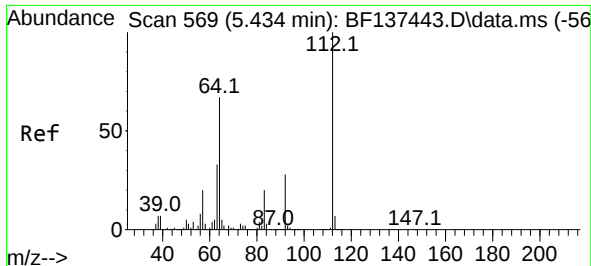
Tgt Ion:152 Resp: 207346
Ion Ratio Lower Upper
152 100
150 152.9 125.8 188.6
115 59.8 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.827 ng
RT: 3.434 min Scan# 229
Delta R.T. -0.012 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

Tgt Ion: 42 Resp: 147
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 239.2 7.0 10.4#

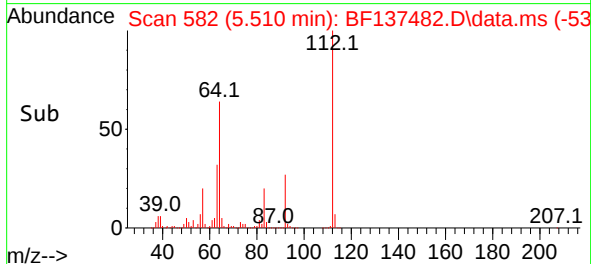
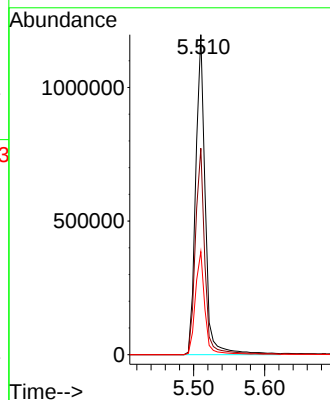
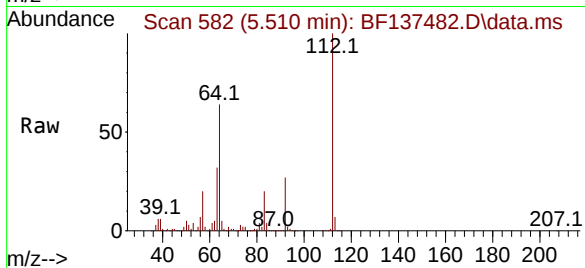




#5
2-Fluorophenol
Concen: 82.803 ng
RT: 5.510 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

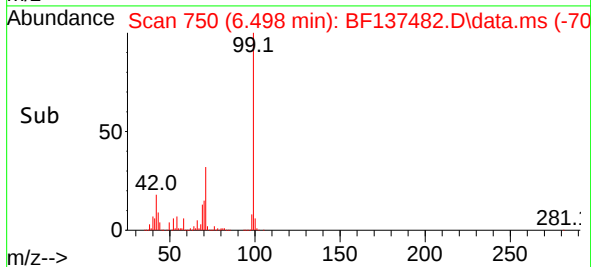
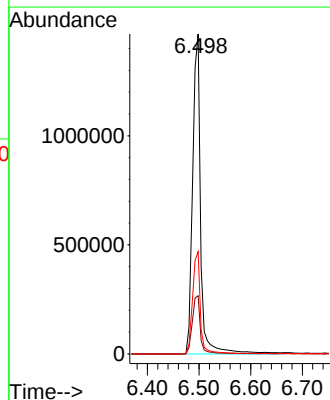
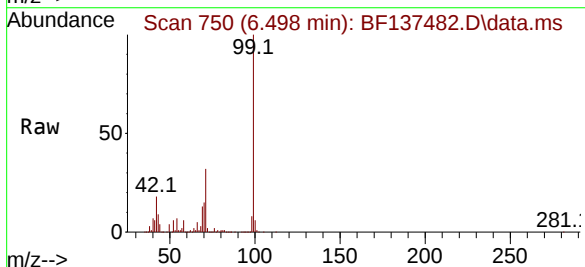
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

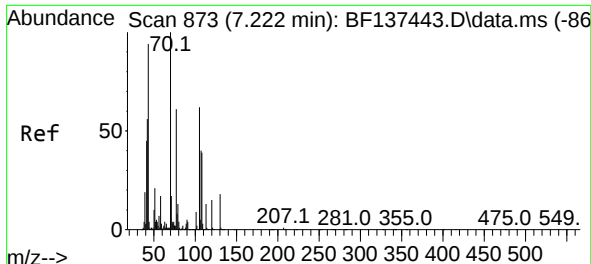
Tgt Ion:112 Resp: 1133599
Ion Ratio Lower Upper
112 100
64 64.5 53.4 80.2
63 32.2 26.2 39.2



#7
Phenol-d6
Concen: 79.951 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

Tgt Ion: 99 Resp: 1579958
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 32.0 25.3 37.9



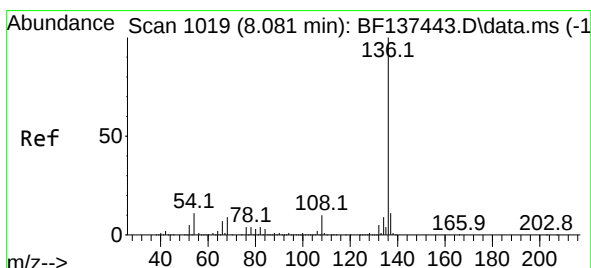
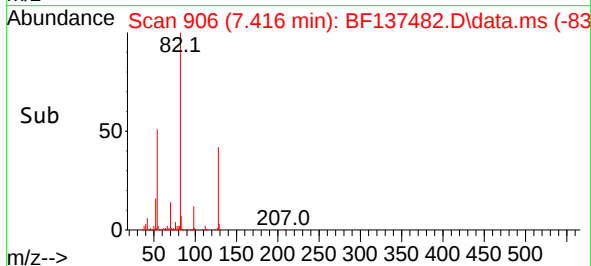
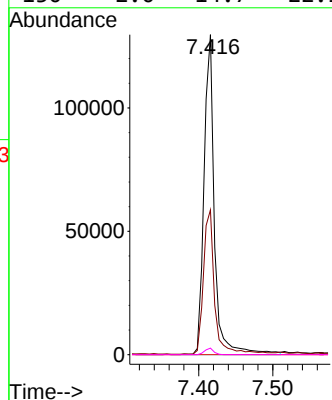
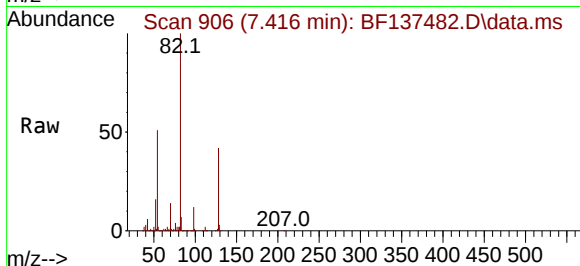


#19
n-Nitroso-di-n-propylamine
Concen: 10.410 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.135 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

Instrument :
BNA_F
ClientSampleId :
RBR-2520556

Tgt Ion: 70 Resp: 127037

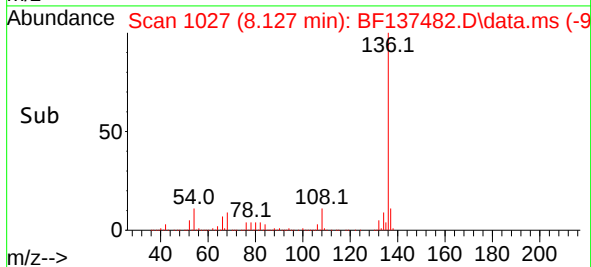
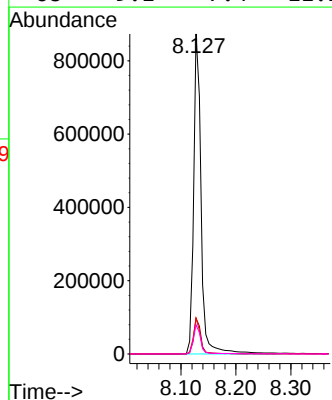
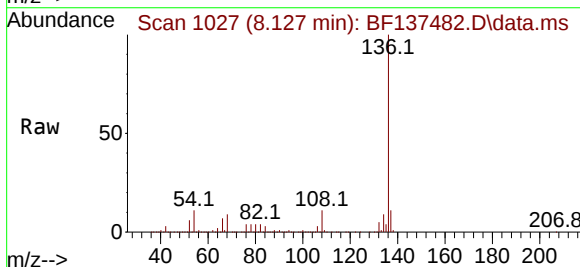
Ion	Ratio	Lower	Upper
70	100		
42	45.3	45.2	67.8
101	0.0	7.3	10.9#
130	2.0	14.7	22.1#

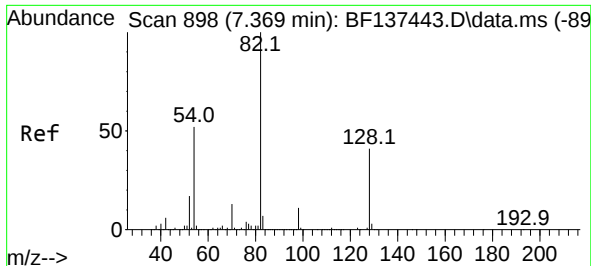


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

Tgt Ion: 136 Resp: 820467

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





#23

Nitrobenzene-d5

Concen: 54.535 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

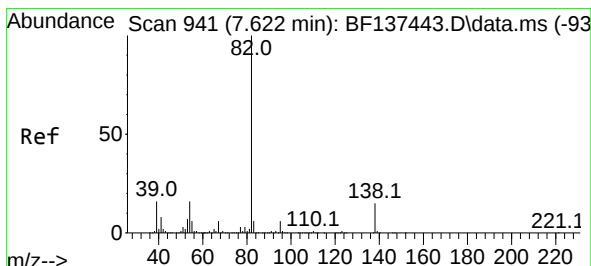
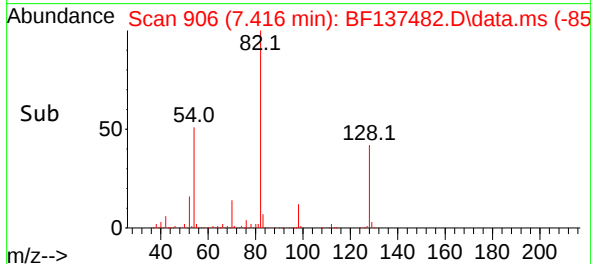
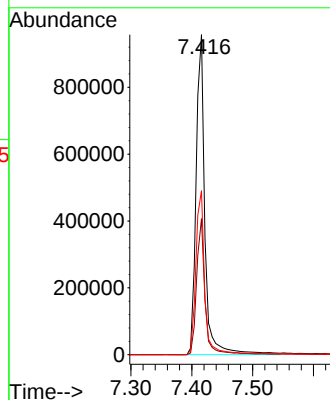
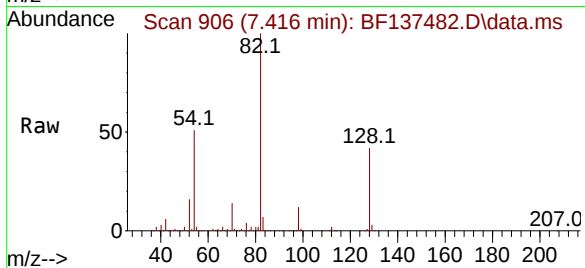
Tgt Ion: 82 Resp: 962984

Ion Ratio Lower Upper

82 100

128 42.5 32.5 48.7

54 51.3 41.5 62.3



#25

Isophorone

Concen: 28.705 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.265 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

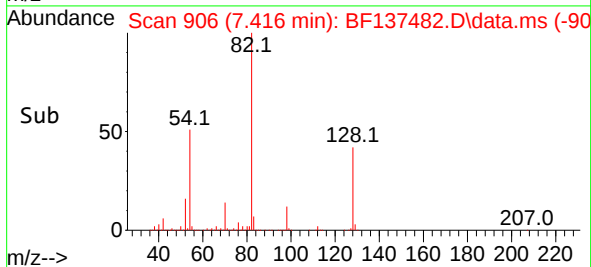
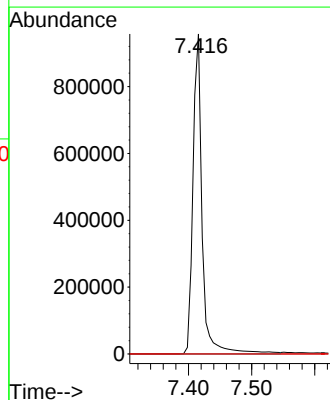
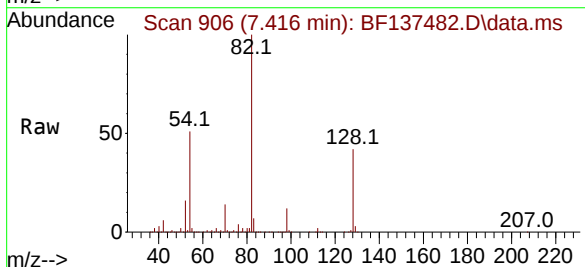
Tgt Ion: 82 Resp: 962976

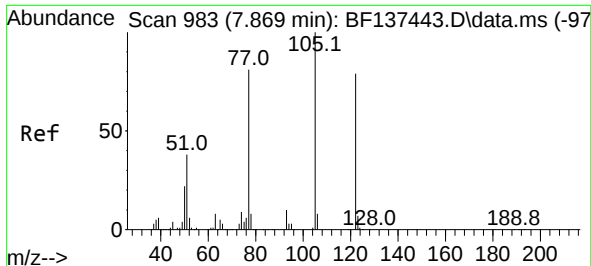
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

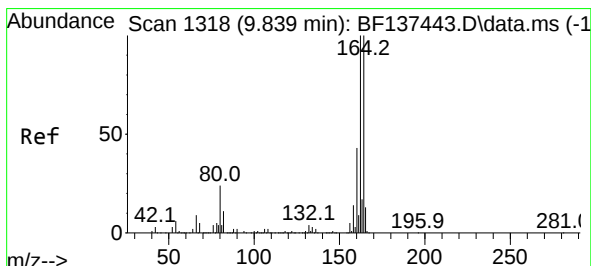
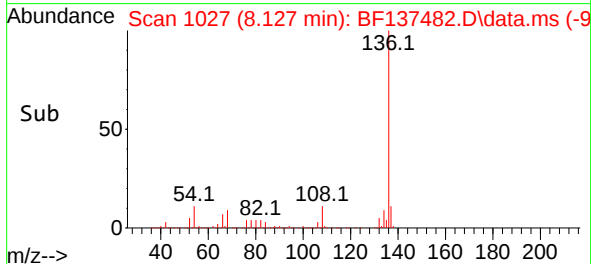
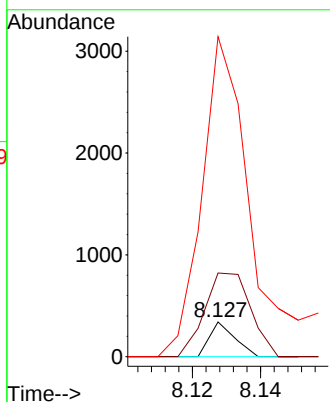
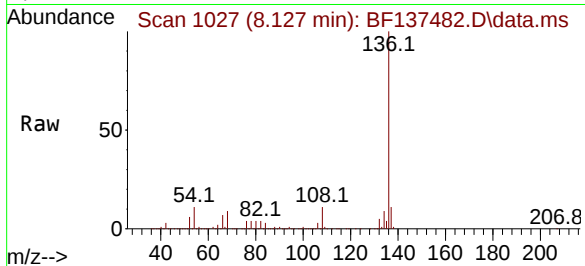




#32
Benzoic acid
Concen: 6.319 ng
RT: 8.127 min Scan# 1027
Delta R.T. 0.200 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

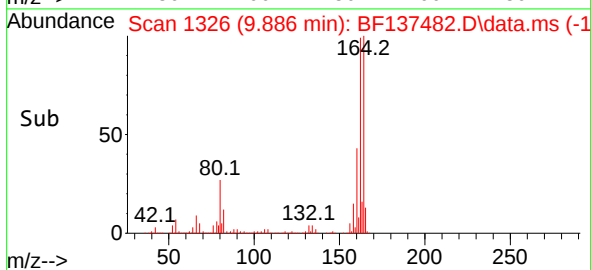
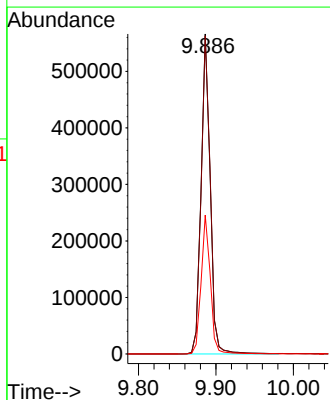
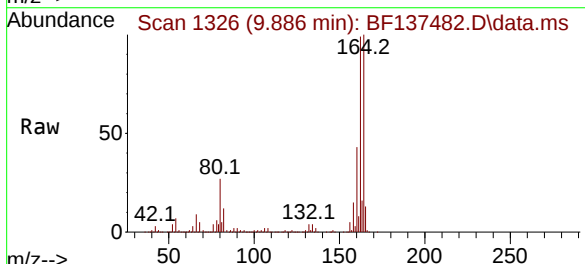
Instrument :
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ClientSampleId :
RBR-2520556

Tgt Ion:122 Resp: 175
Ion Ratio Lower Upper
122 100
105 240.4 102.4 142.4#
77 919.0 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: BF137482.D
Acq: 04 Mar 2024 15:49

Tgt Ion:164 Resp: 463468
Ion Ratio Lower Upper
164 100
162 99.4 79.8 119.8
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 82.542 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

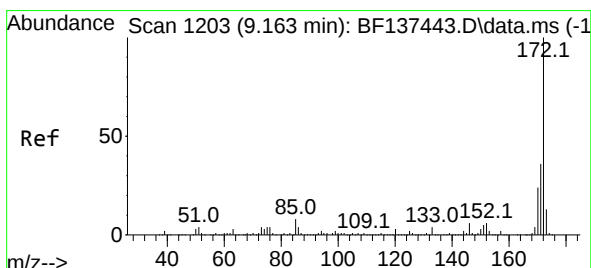
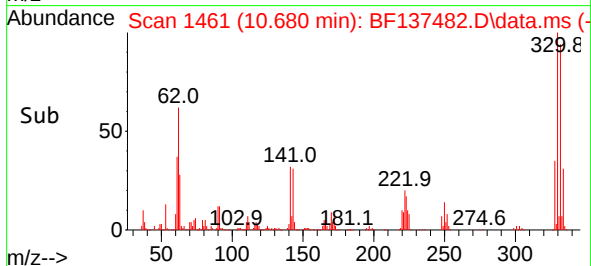
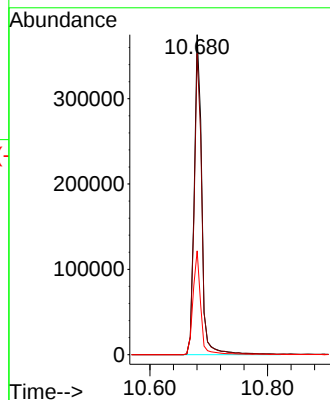
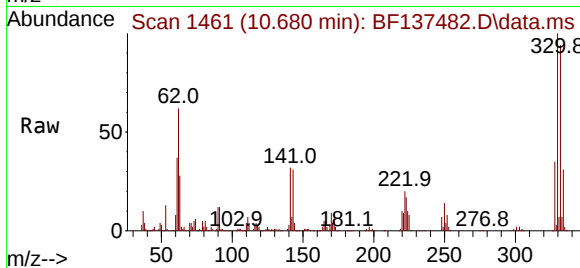
Tgt Ion:330 Resp: 335949

Ion Ratio Lower Upper

330 100

332 94.8 78.0 117.0

141 33.0 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 55.002 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

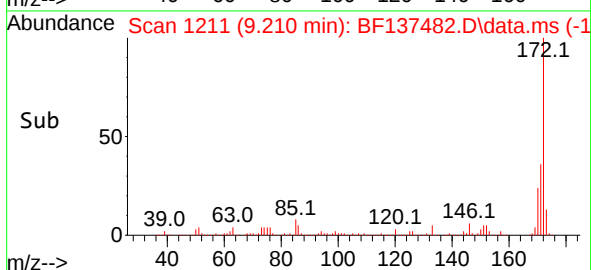
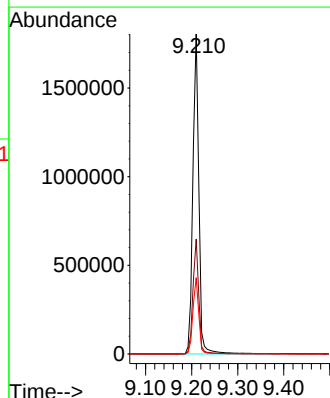
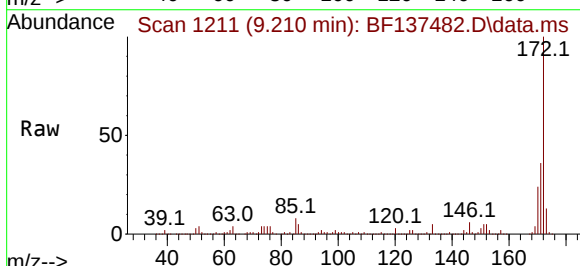
Tgt Ion:172 Resp: 1628484

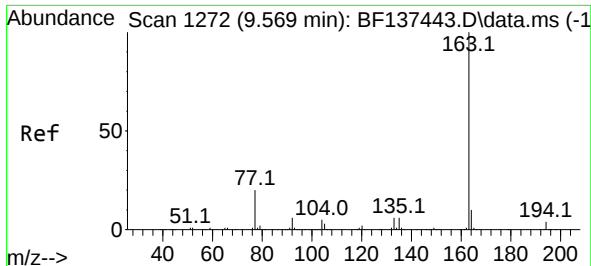
Ion Ratio Lower Upper

172 100

171 35.9 28.5 42.7

170 23.8 19.0 28.6

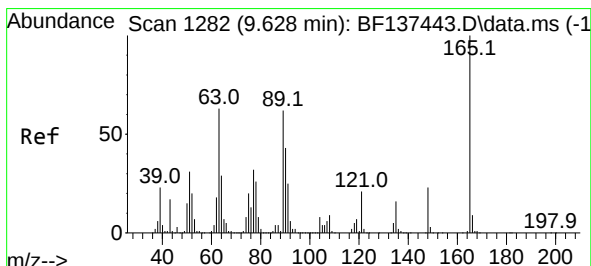
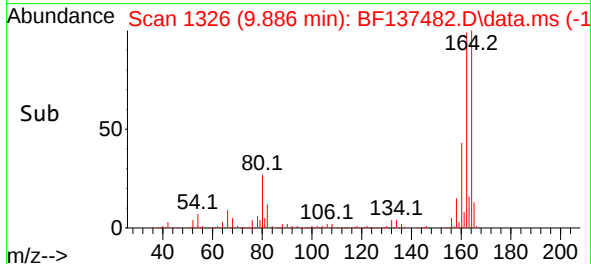
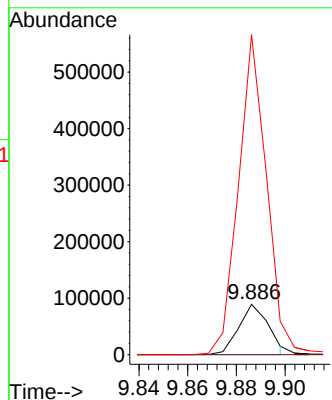
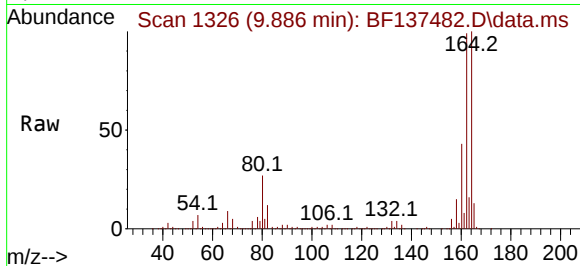




#50
Dimethylphthalate
Concen: 2.339 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

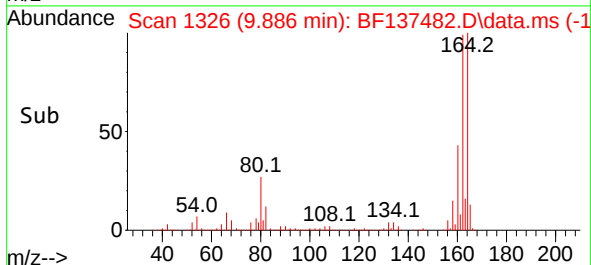
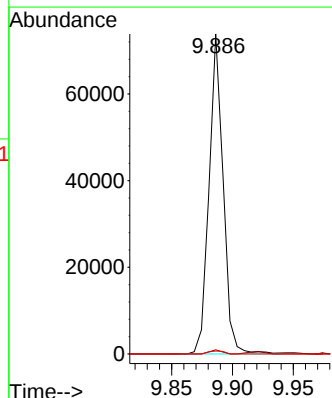
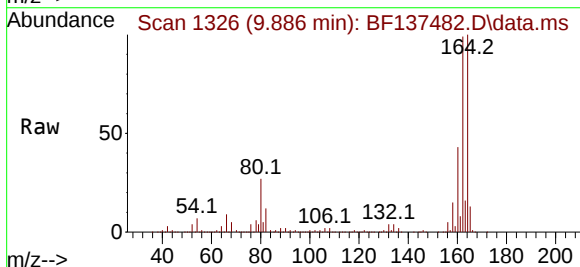
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

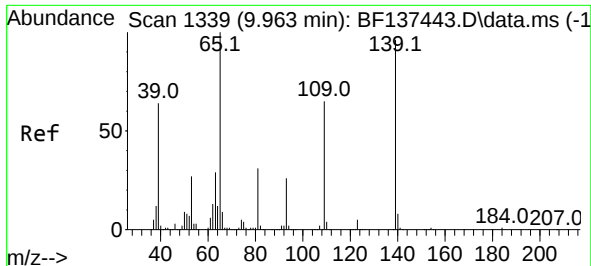
Tgt Ion:163 Resp: 75449
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 635.6 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.850 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.200 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

Tgt Ion:165 Resp: 59720
Ion Ratio Lower Upper
165 100
63 1.3 50.7 76.1#
89 0.9 50.0 75.0#

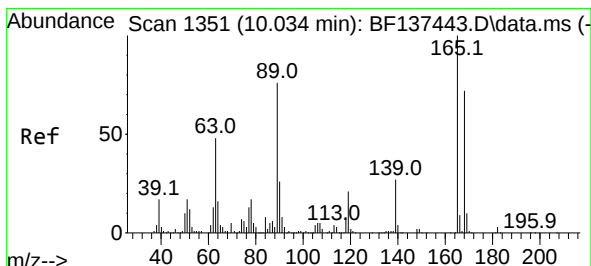
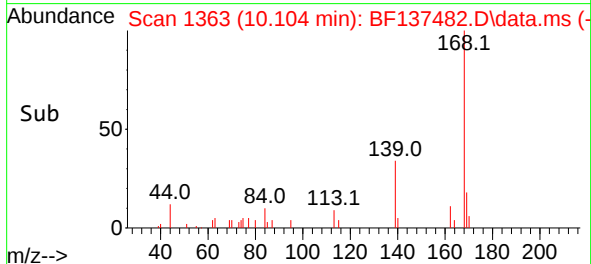
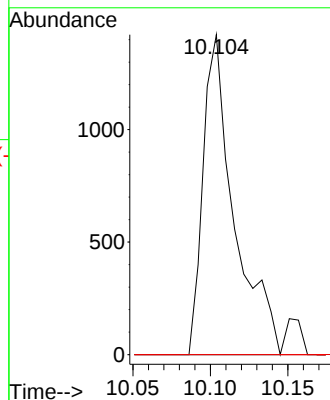
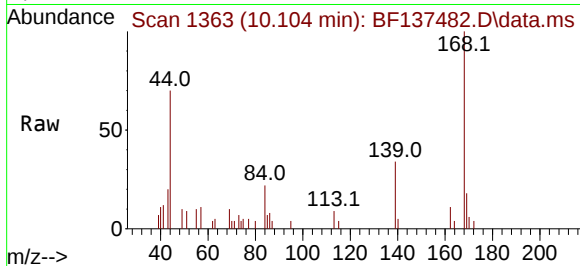




#56
4-Nitrophenol
Concen: 4.895 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.082 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

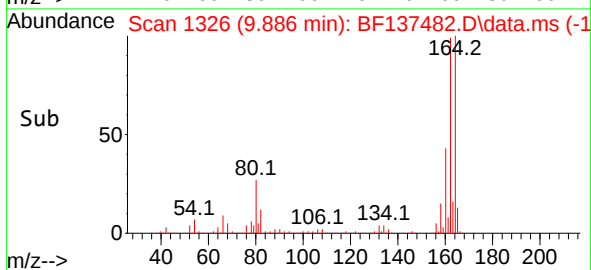
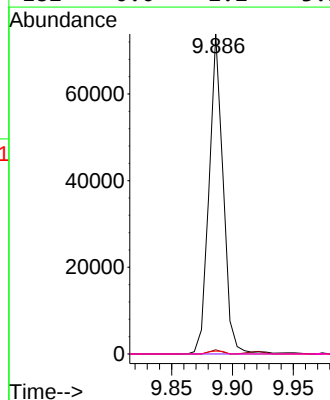
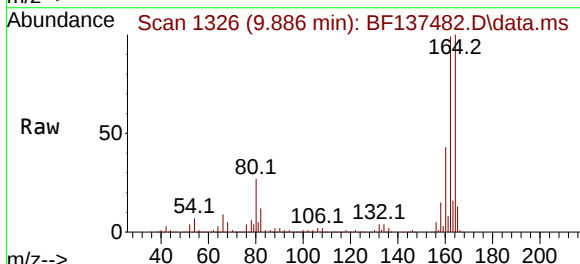
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

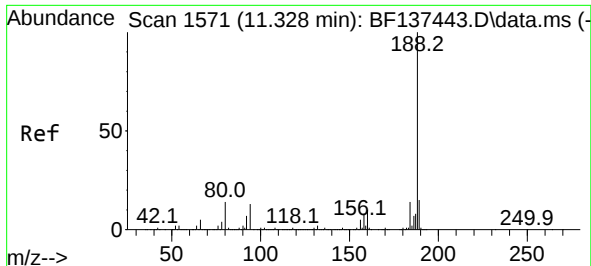
Tgt Ion:139 Resp: 1982
Ion Ratio Lower Upper
139 100
109 0.0 47.1 87.1#
65 0.0 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.203 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.206 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

Tgt Ion:165 Resp: 59720
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 0.9 60.9 91.3#
182 0.0 2.2 3.2#

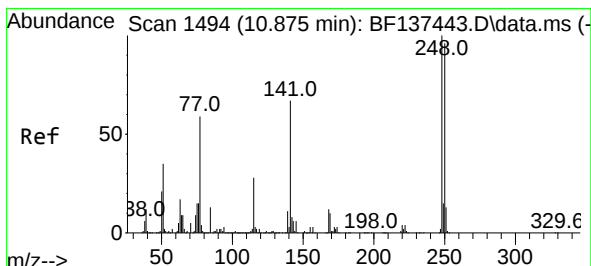
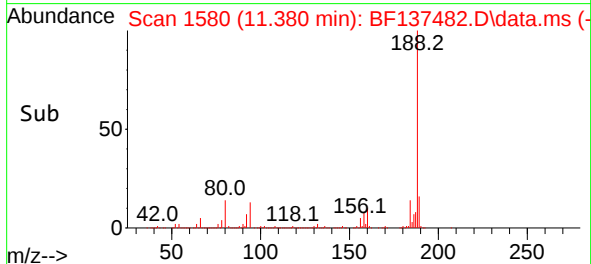
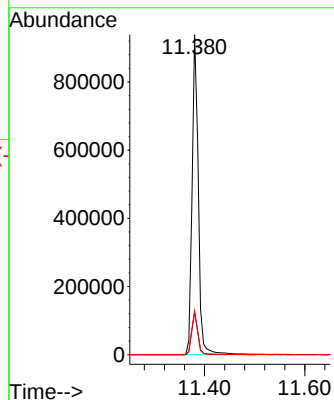
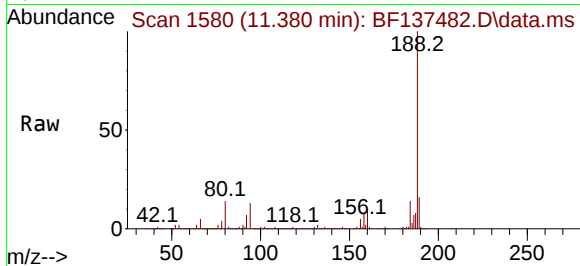




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

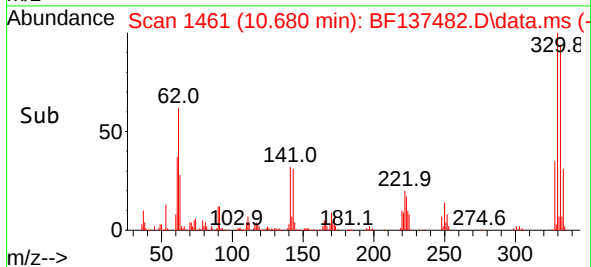
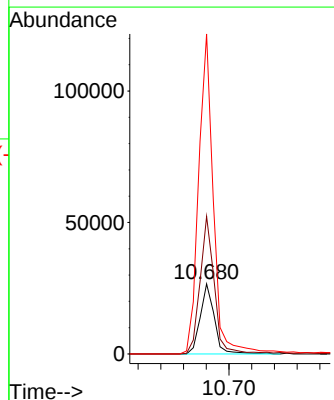
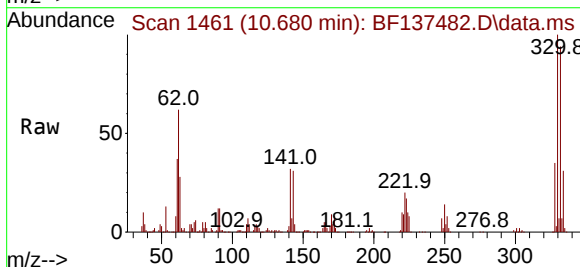
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

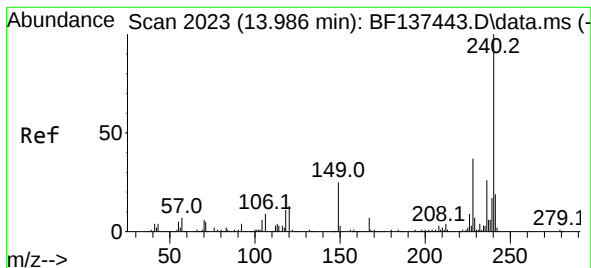
Tgt Ion:188 Resp: 810641
Ion Ratio Lower Upper
188 100
94 13.5 10.6 15.8
80 13.6 11.5 17.3



#67
4-Bromophenyl-phenylether
Concen: 2.602 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.253 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

Tgt Ion:248 Resp: 22971
Ion Ratio Lower Upper
248 100
250 196.5 76.8 115.2#
141 456.7 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: BF137482.D

Acq: 04 Mar 2024 15:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

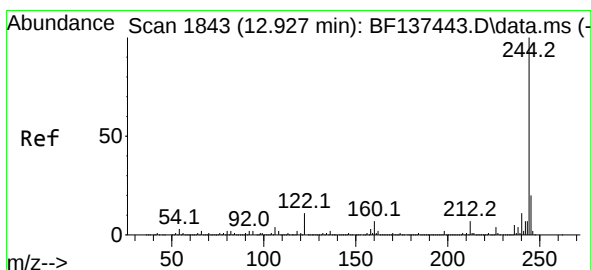
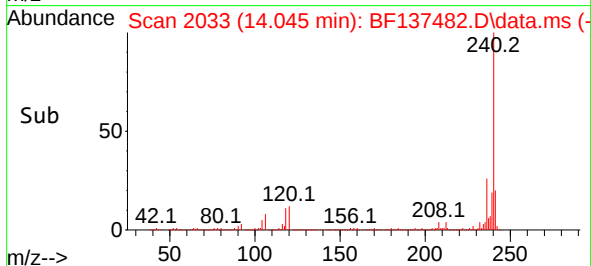
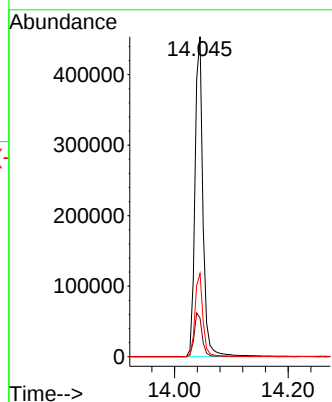
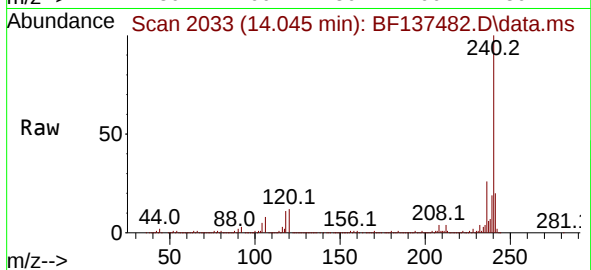
Tgt Ion:240 Resp: 445933

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 26.0 20.9 31.3



#79

Terphenyl-d14

Concen: 51.743 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

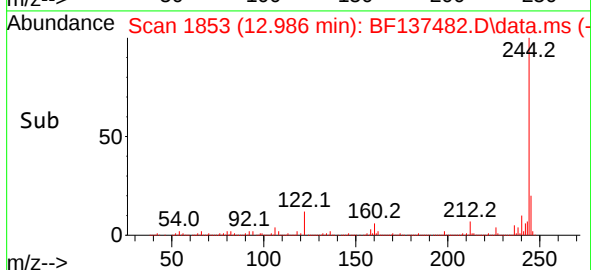
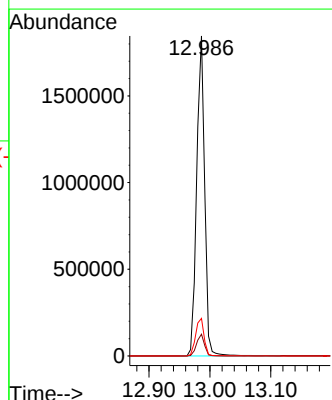
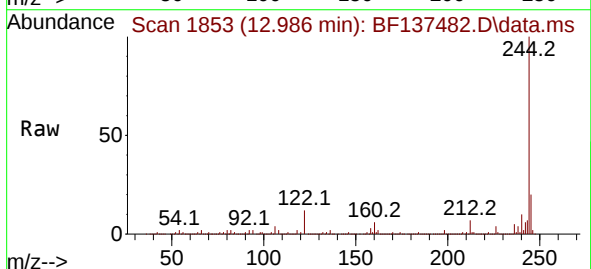
Tgt Ion:244 Resp: 1677961

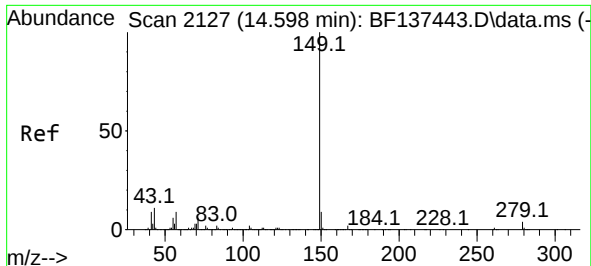
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.7 9.1 13.7

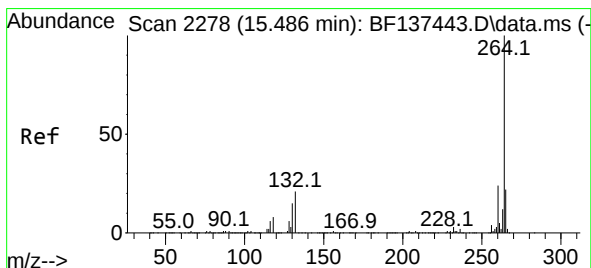
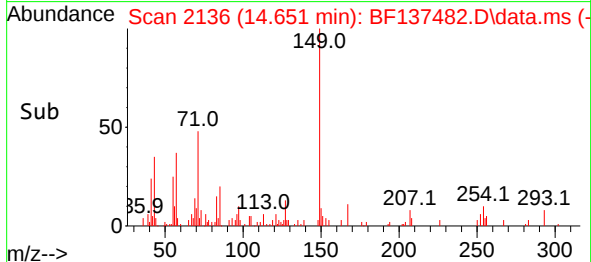
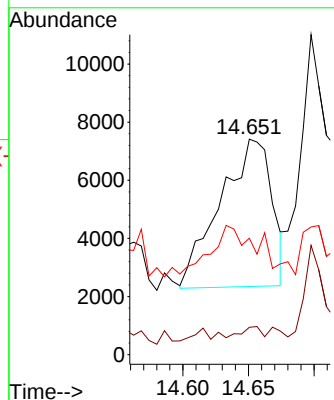
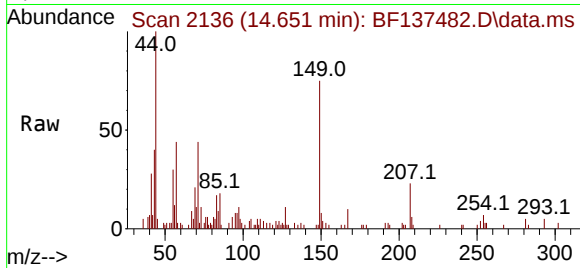




#85
Di-n-octyl phthalate
Concen: 6.057 ng
RT: 14.651 min Scan# 2127
Delta R.T. -0.012 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

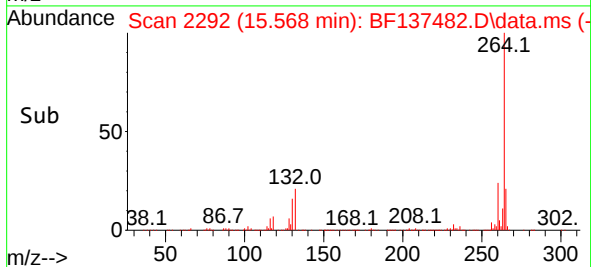
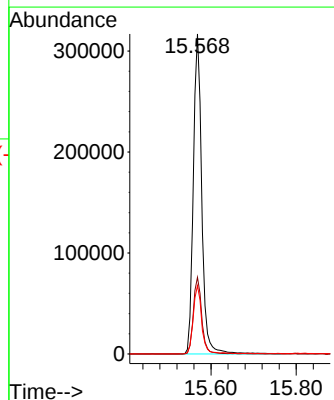
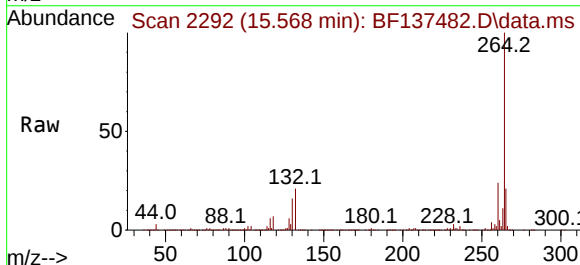
Instrument :
BNA_F
ClientSampleId :
RBR-2520556

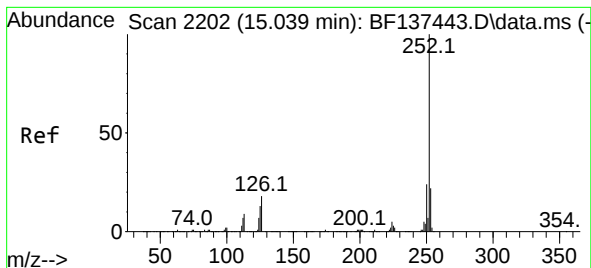
Tgt Ion:149 Resp: 13952
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 0.0 9.6 14.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2292
Delta R.T. -0.000 min
Lab File: BF137482.D
Acq: 04 Mar 2024 15:49

Tgt Ion:264 Resp: 437246
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.4 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 2.457 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

Instrument :

BNA_F

ClientSampleId :

RBR-2520556

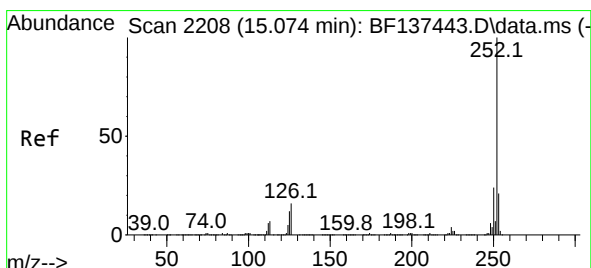
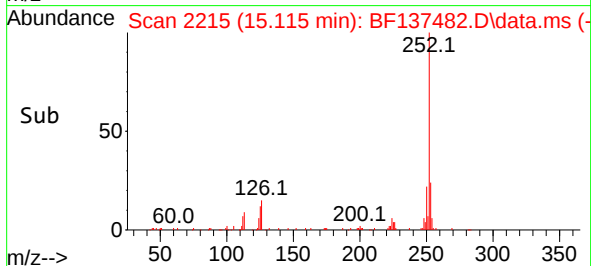
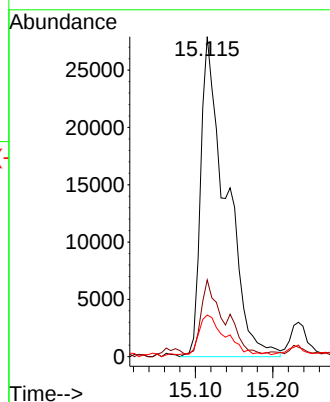
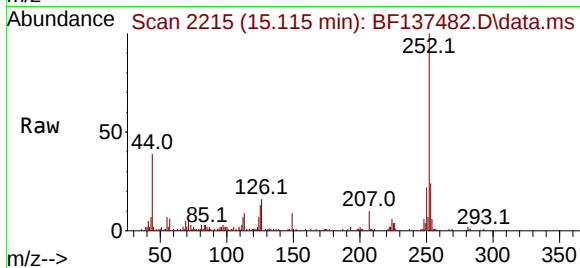
Tgt Ion:252 Resp: 63562

Ion Ratio Lower Upper

252 100

253 24.0 17.8 26.8

125 13.0 10.1 15.1



#89

Benzo(k)fluoranthene

Concen: 2.288 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.035 min

Lab File: BF137482.D

Acq: 04 Mar 2024 15:49

Tgt Ion:252 Resp: 63562

Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

125 13.0 9.6 14.4

