

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137458.D
 Acq On : 01 Mar 2024 14:46
 Operator : CG\JU
 Sample : P1659-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Quant Time: Mar 01 15:20:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

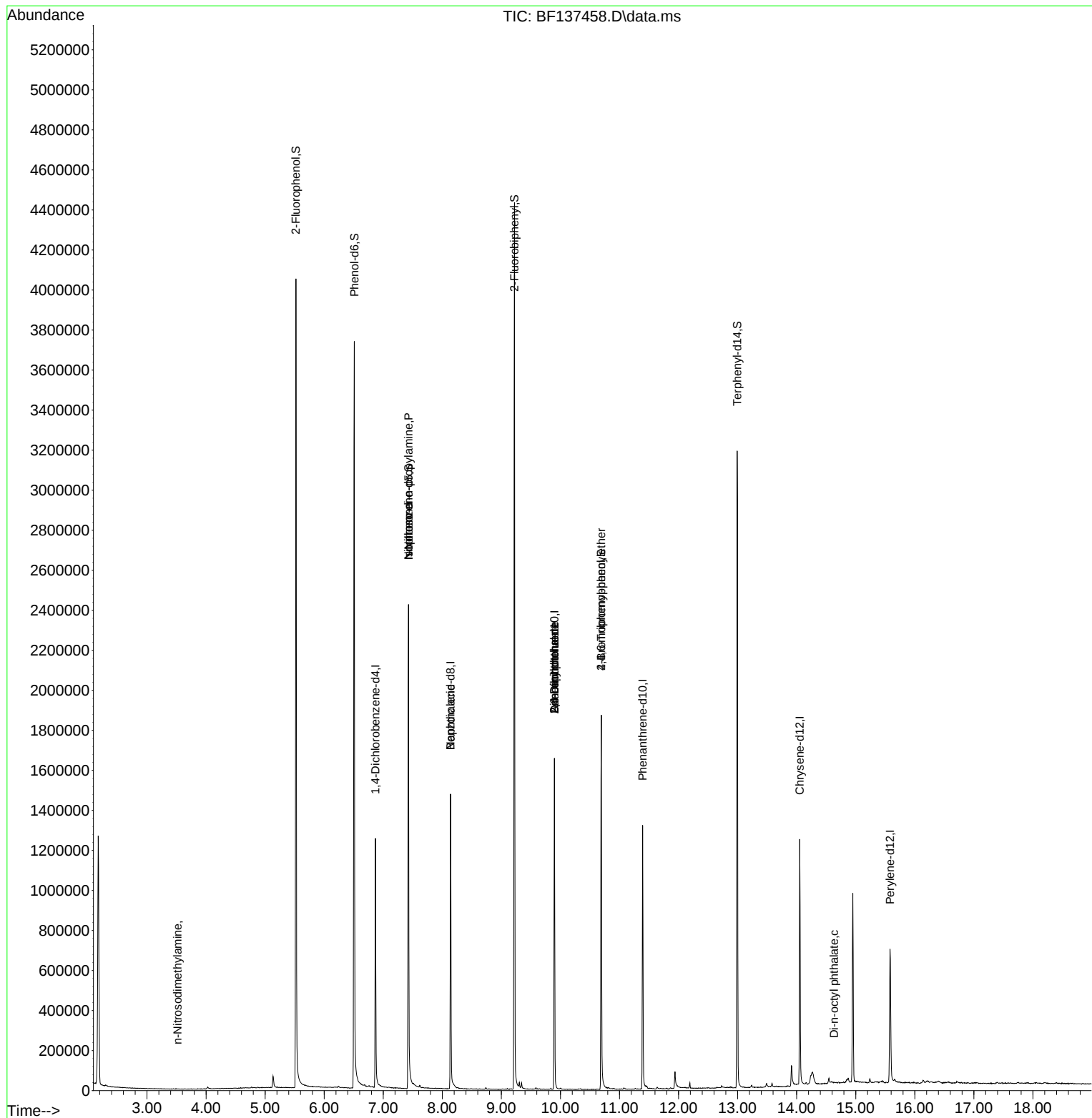
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	174722	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	652116	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	315073	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	468777	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	402532	20.000	ng	-0.02
86) Perylene-d12	15.580	264	333840	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1054093	91.372	ng	-0.01
7) Phenol-d6	6.510	99	1379213	82.824	ng	-0.02
23) Nitrobenzene-d5	7.428	82	834087	59.430	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	199939	72.261	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	1322862	65.723	ng	-0.01
79) Terphenyl-d14	12.992	244	1134275	38.748	ng	-0.02
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.516	42	78	3.820	ng	# 1
19) n-Nitroso-di-n-propyla...	7.428	70	107720	10.476	ng	# 80
25) Isophorone	7.428	82	834087	31.282	ng	# 69
32) Benzoic acid	8.139	122	183	6.325	ng	# 1
50) Dimethylphthalate	9.898	163	49297	2.248	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	41193	8.979	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	41194	7.309	ng	# 21
67) 4-Bromophenyl-phenylether	10.692	248	13936	2.729	ng	# 1
85) Di-n-octyl phthalate	14.633	149	429	5.622	ng	# 72

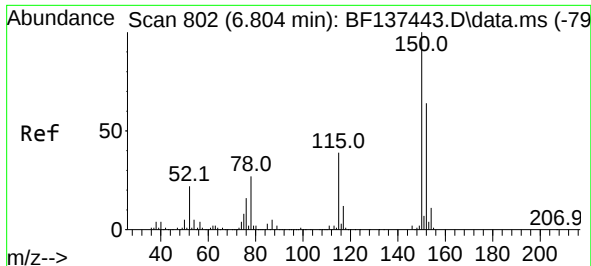
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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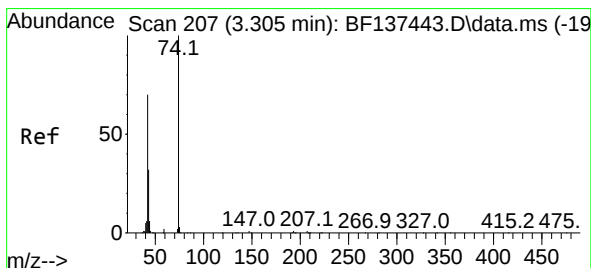
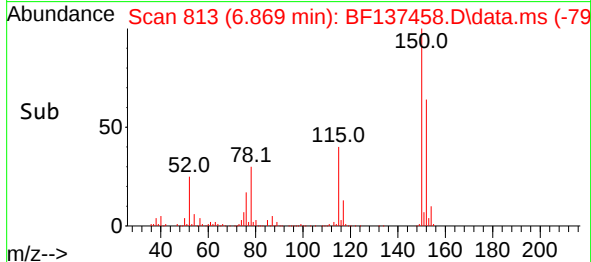
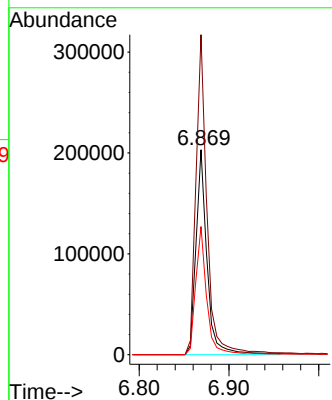
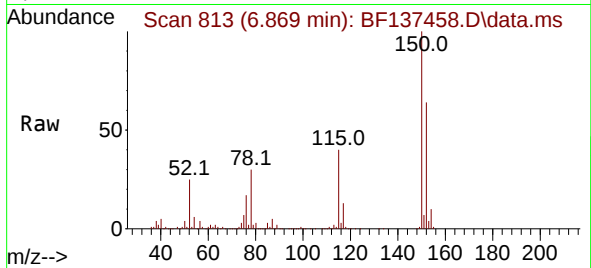




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

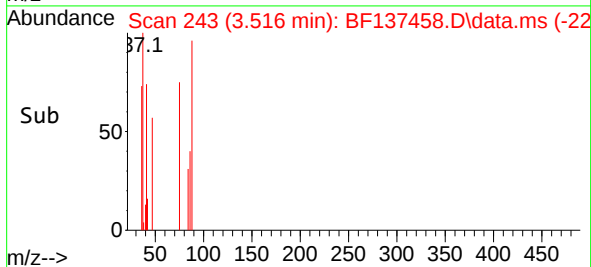
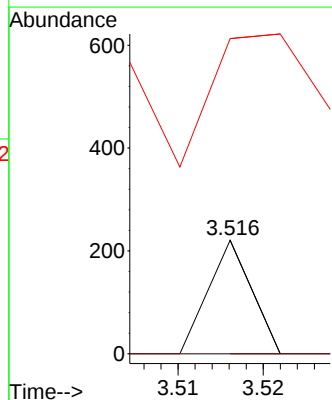
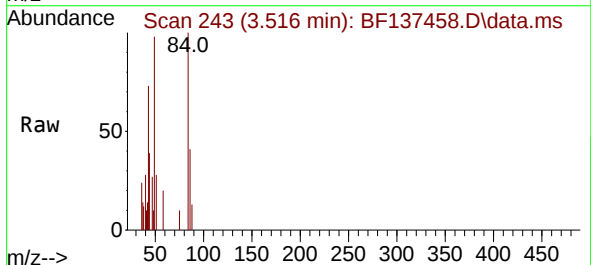
Instrument :
BNA_F
ClientSampleId :
TP-16

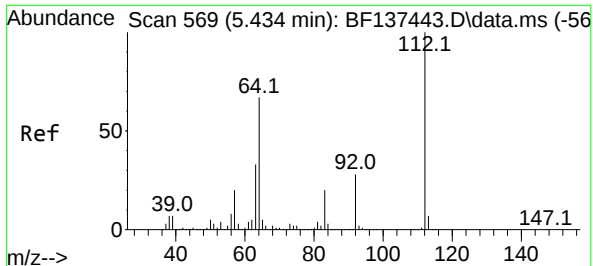
Tgt Ion:152 Resp: 174722
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 62.5 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.820 ng
RT: 3.516 min Scan# 243
Delta R.T. 0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Tgt Ion: 42 Resp: 78
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 277.4 7.0 10.4#

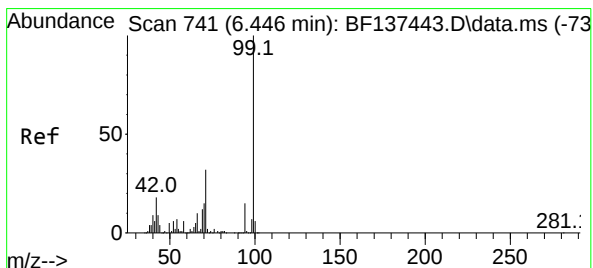
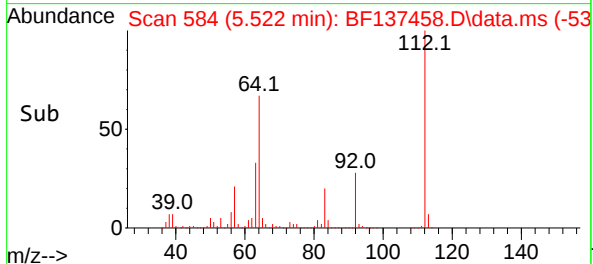
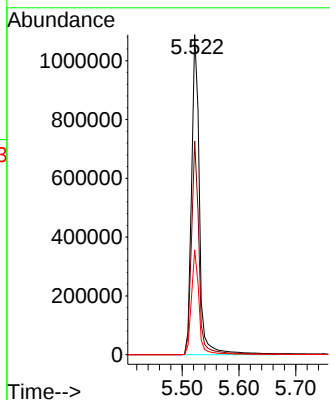
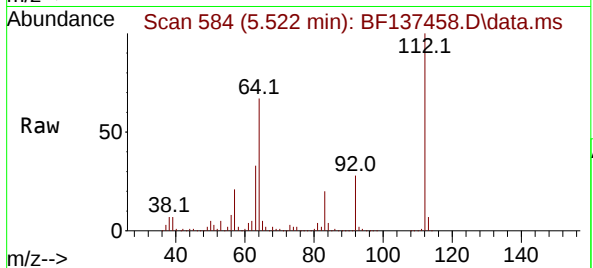




#5
2-Fluorophenol
Concen: 91.372 ng
RT: 5.522 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

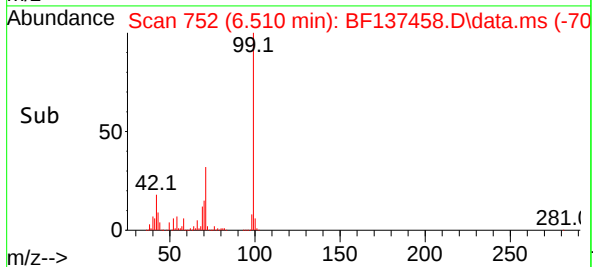
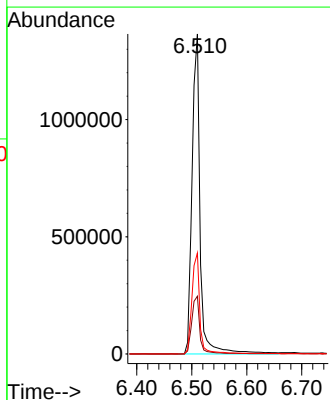
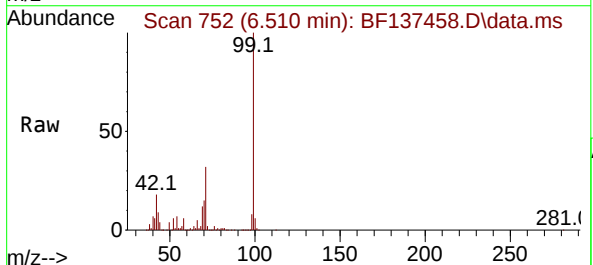
Instrument :
BNA_F
ClientSampleId :
TP-16

Tgt Ion:112 Resp: 1054093
Ion Ratio Lower Upper
112 100
64 66.8 53.4 80.2
63 32.8 26.2 39.2



#7
Phenol-d6
Concen: 82.824 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Tgt Ion: 99 Resp: 1379213
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 31.5 25.3 37.9

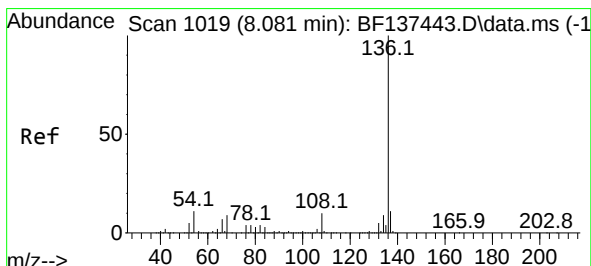
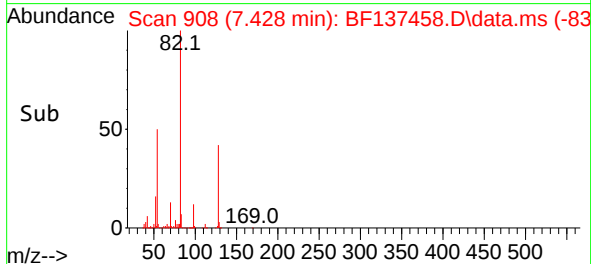
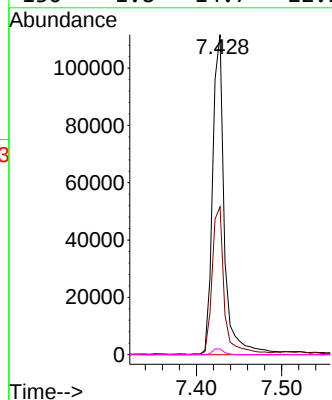
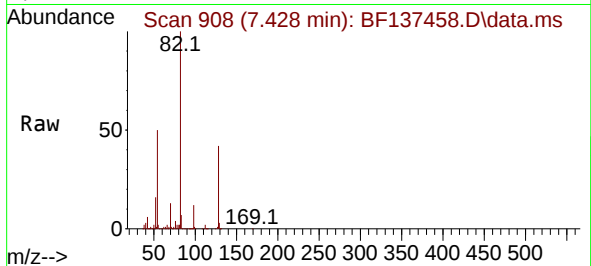




#19
n-Nitroso-di-n-propylamine
Concen: 10.476 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.129 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

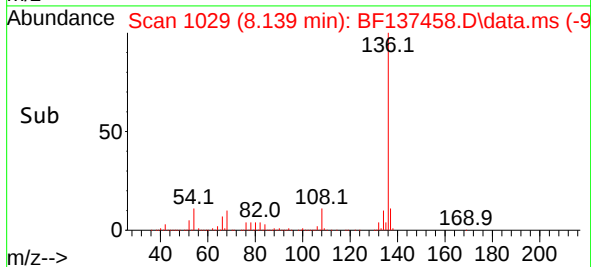
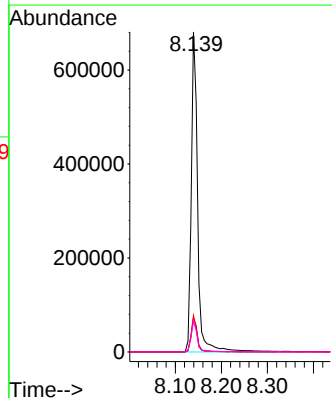
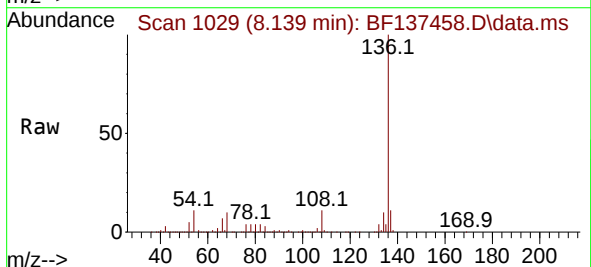
Instrument :
BNA_F
ClientSampleId :
TP-16

Tgt Ion: 70 Resp: 107720
Ion Ratio Lower Upper
70 100
42 46.2 45.2 67.8
101 0.0 7.3 10.9#
130 1.8 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Tgt Ion: 136 Resp: 652116
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 11.4 8.5 12.7
68 9.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 59.430 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.018 min

Lab File: BF137458.D

Acq: 01 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

TP-16

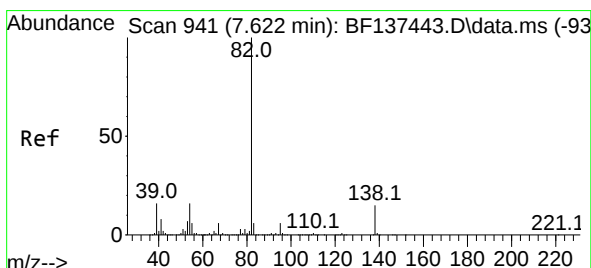
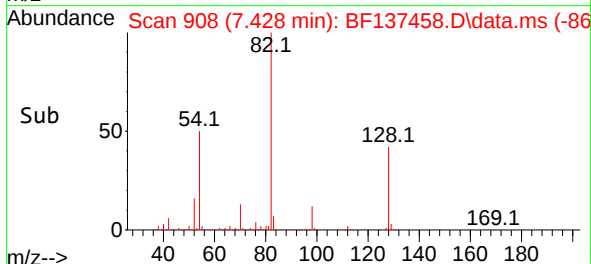
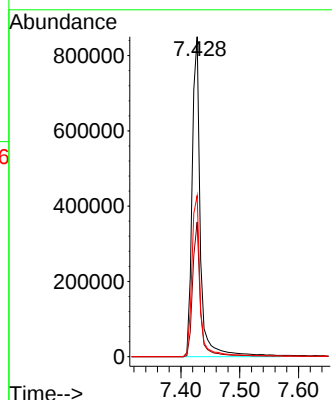
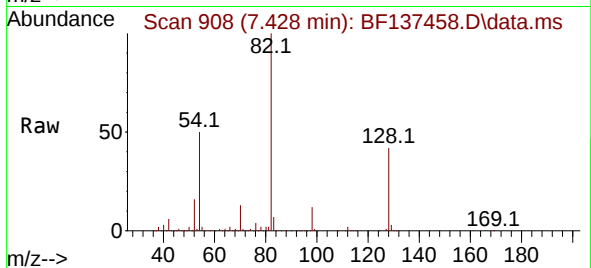
Tgt Ion: 82 Resp: 834087

Ion Ratio Lower Upper

82 100

128 42.1 32.5 48.7

54 50.3 41.5 62.3



#25

Isophorone

Concen: 31.282 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.271 min

Lab File: BF137458.D

Acq: 01 Mar 2024 14:46

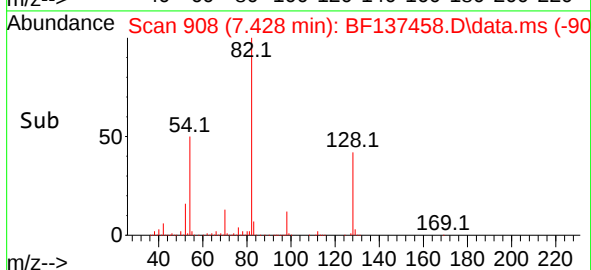
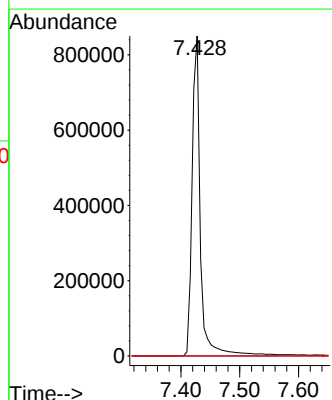
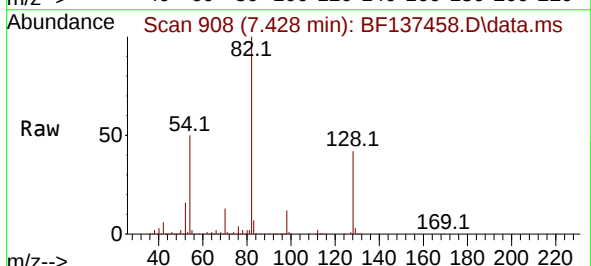
Tgt Ion: 82 Resp: 834087

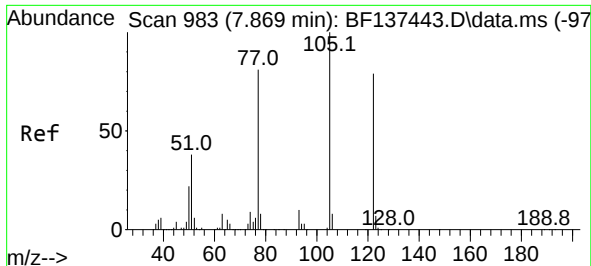
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

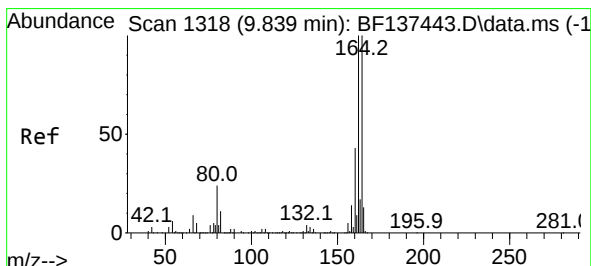
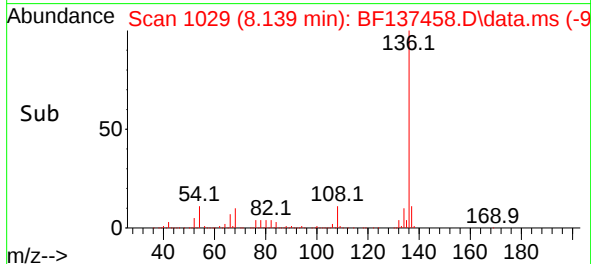
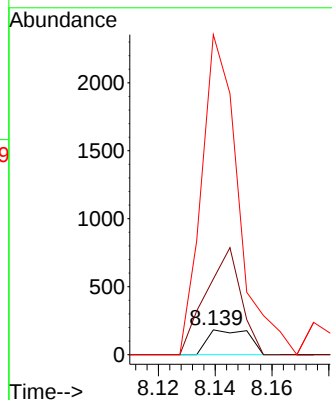
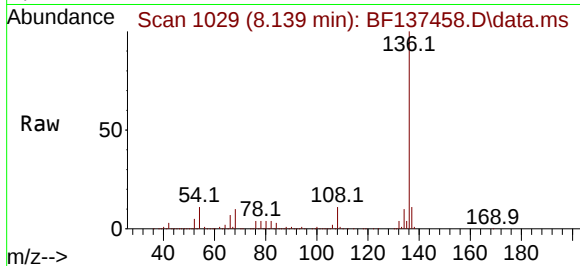




#32
Benzoic acid
Concen: 6.325 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.194 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

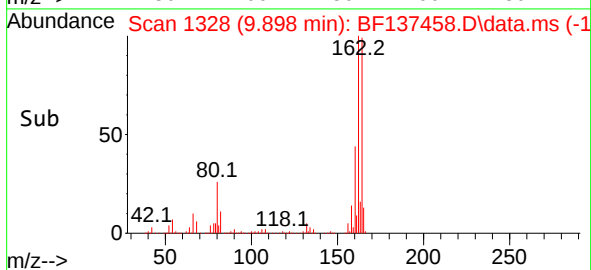
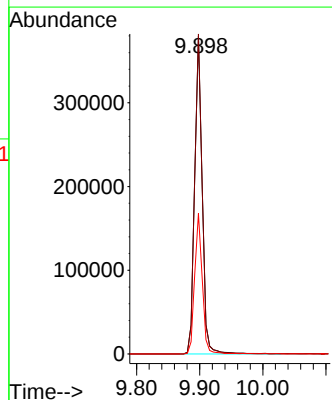
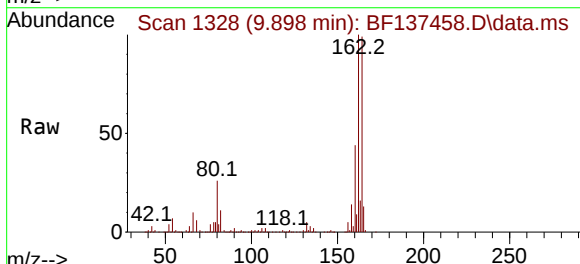
Instrument :
BNA_F
ClientSampleId :
TP-16

Tgt Ion:122 Resp: 183
Ion Ratio Lower Upper
122 100
105 305.5 102.4 142.4#
77 1293.4 81.1 121.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Tgt Ion:164 Resp: 315073
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 44.2 34.4 51.6

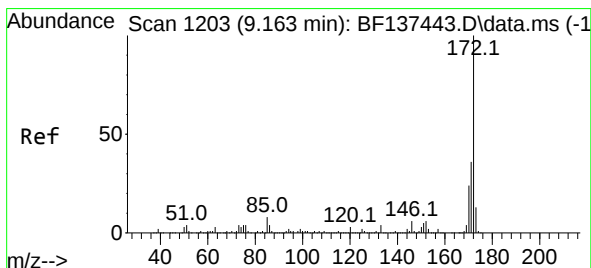
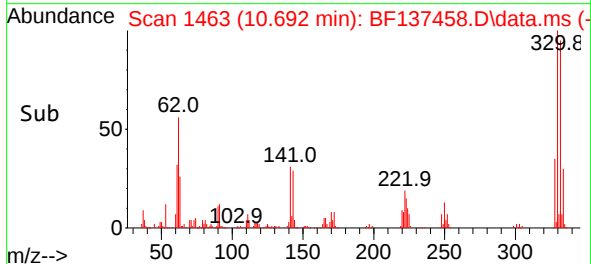
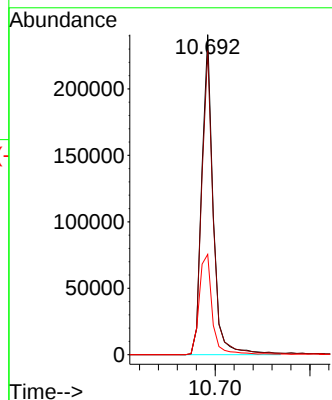
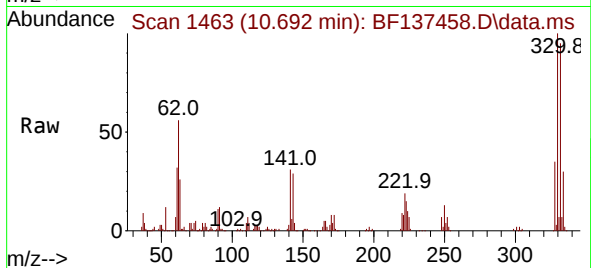




#42
2,4,6-Tribromophenol
Concen: 72.261 ng
RT: 10.692 min Scan# 1453
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

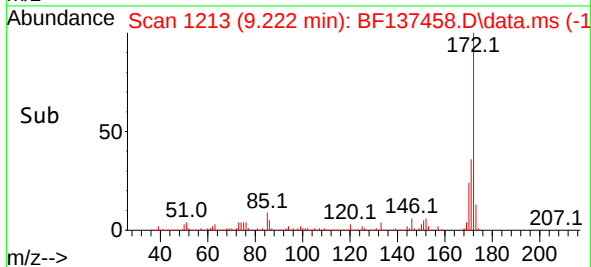
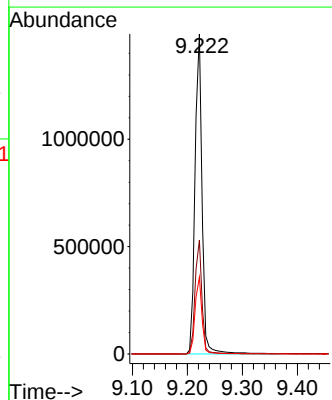
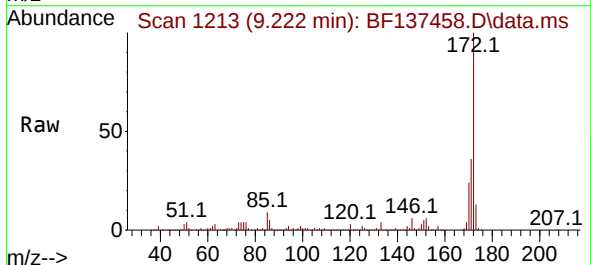
Instrument :
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ClientSampleId :
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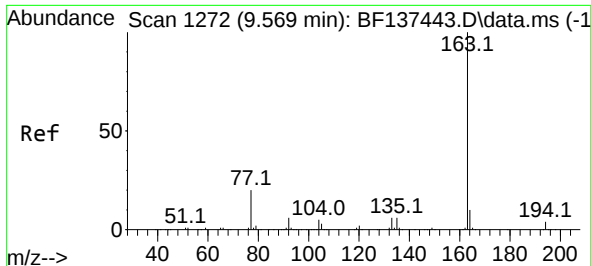
Tgt Ion:330 Resp: 199939
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 36.5 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 65.723 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Tgt Ion:172 Resp: 1322862
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 24.0 19.0 28.6

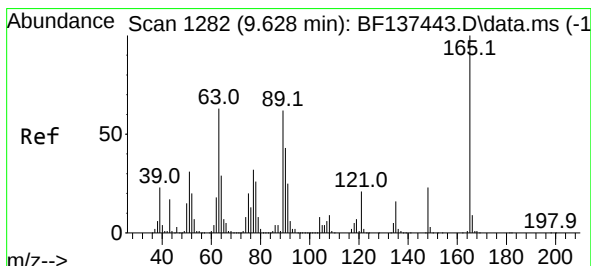
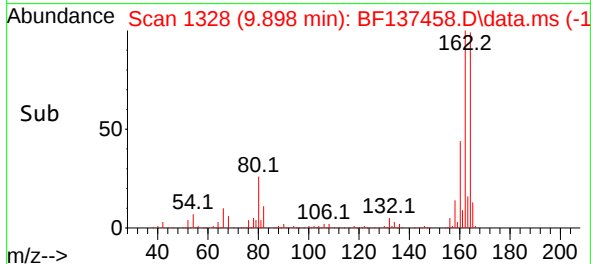
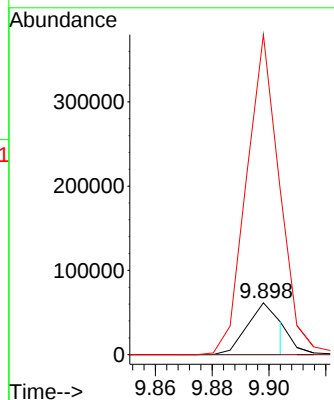
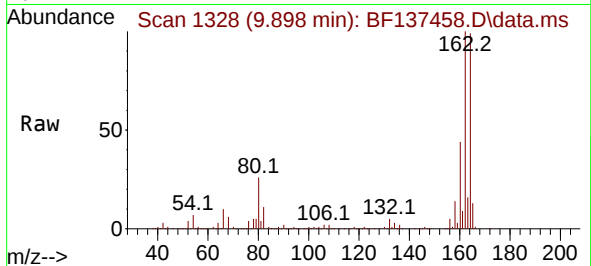




#50
Dimethylphthalate
Concen: 2.248 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

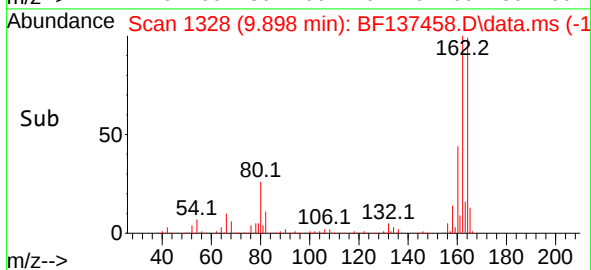
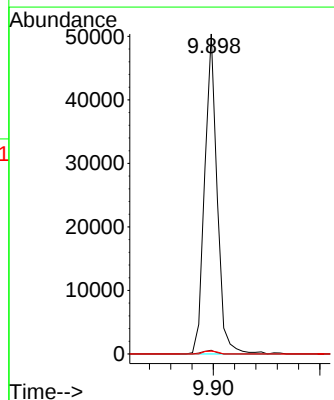
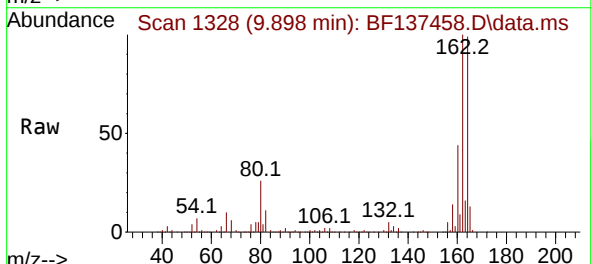
Instrument :
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TP-16

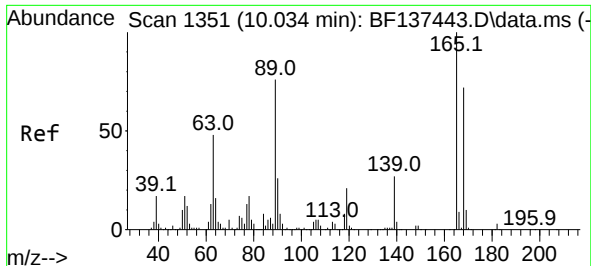
Tgt Ion:163 Resp: 49297
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 617.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.979 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.194 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Tgt Ion:165 Resp: 41193
Ion Ratio Lower Upper
165 100
63 1.2 50.7 76.1#
89 0.8 50.0 75.0#

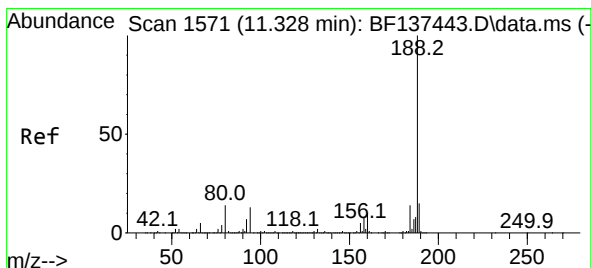
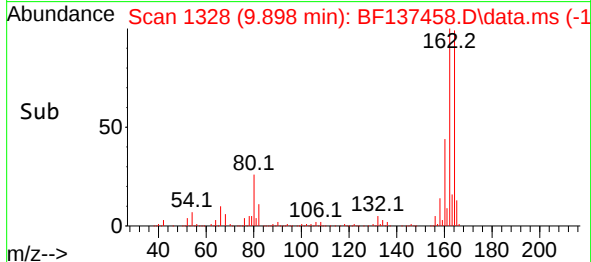
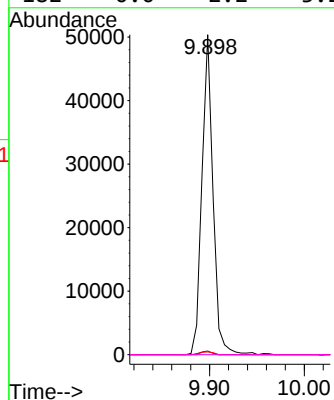
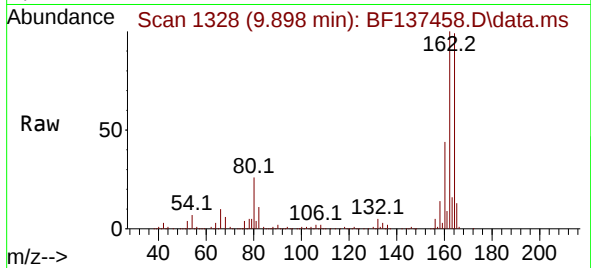




#57
2,4-Dinitrotoluene
Concen: 7.309 ng
RT: 9.898 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

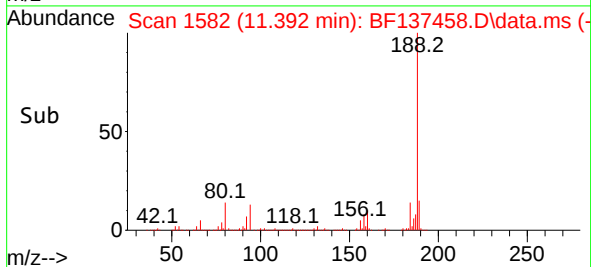
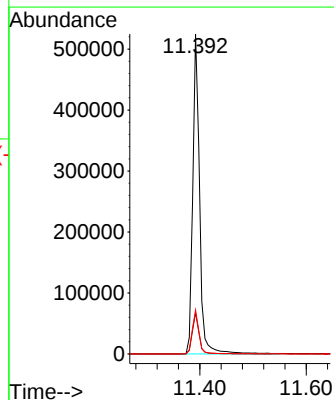
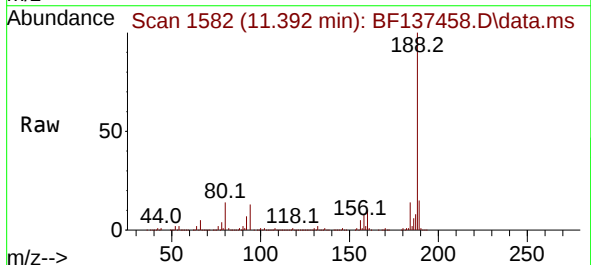
Instrument :
BNA_F
ClientSampleId :
TP-16

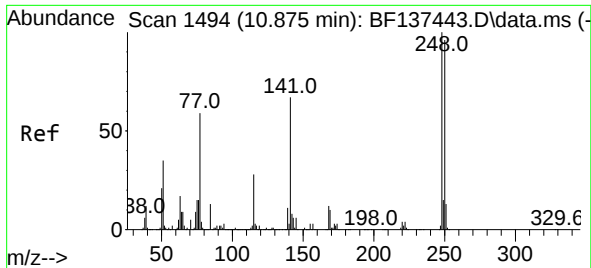
Tgt Ion:165 Resp: 41194
Ion Ratio Lower Upper
165 100
63 1.2 39.0 58.6#
89 0.8 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Tgt Ion:188 Resp: 468777
Ion Ratio Lower Upper
188 100
94 12.8 10.6 15.8
80 13.7 11.5 17.3

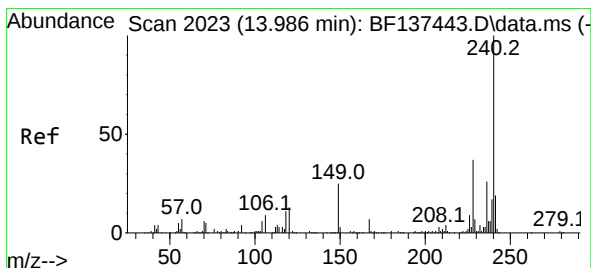
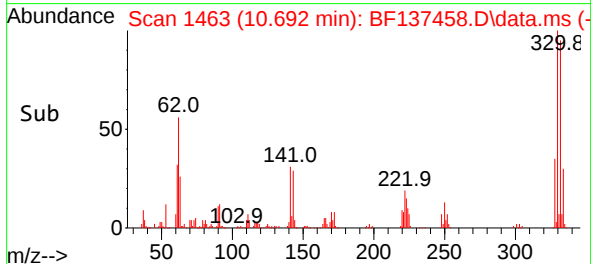
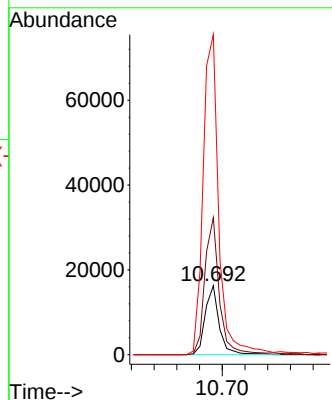
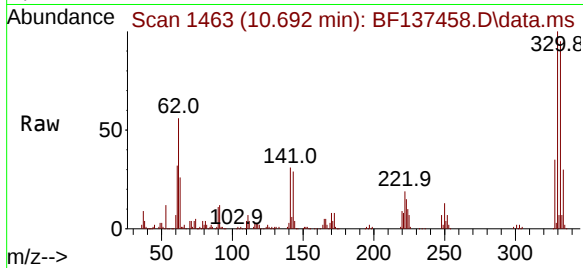




#67
4-Bromophenyl-phenylether
Concen: 2.729 ng
RT: 10.692 min Scan# 141
Delta R.T. -0.259 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

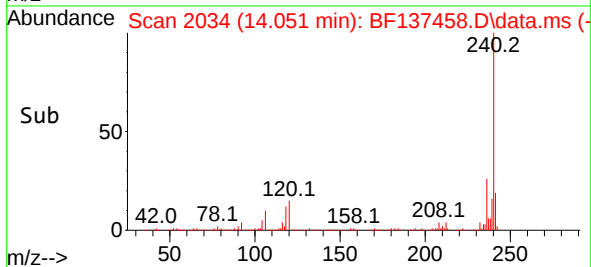
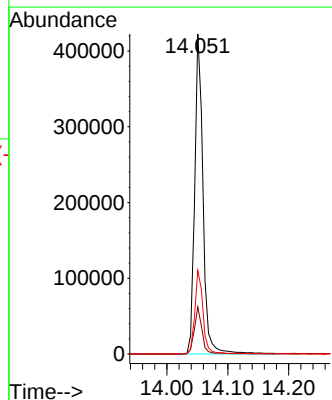
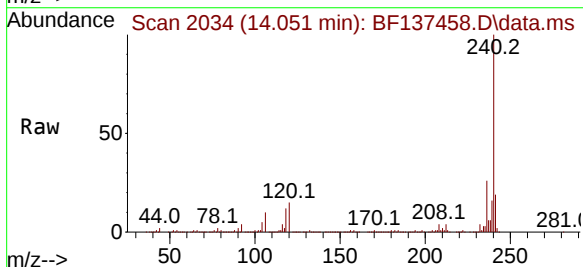
Instrument :
BNA_F
ClientSampleId :
TP-16

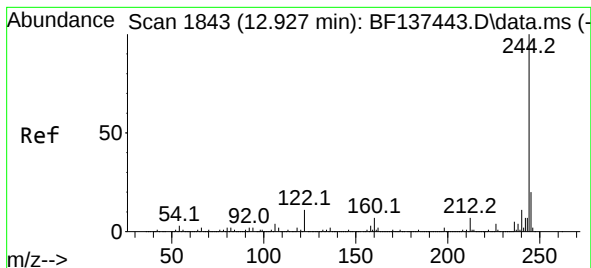
Tgt Ion:248 Resp: 13936
Ion Ratio Lower Upper
248 100
250 198.6 76.8 115.2#
141 464.0 53.4 80.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Tgt Ion:240 Resp: 402532
Ion Ratio Lower Upper
240 100
120 14.7 10.4 15.6
236 26.1 20.9 31.3





#79

Terphenyl-d14

Concen: 38.748 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF137458.D

Acq: 01 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

TP-16

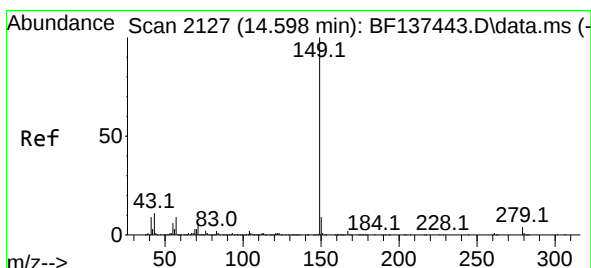
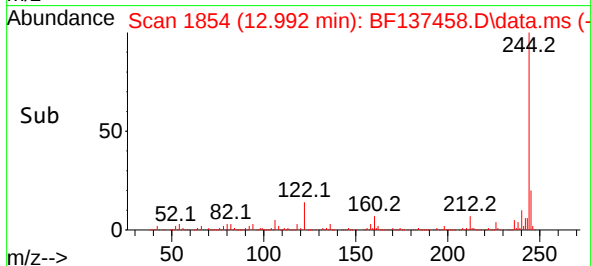
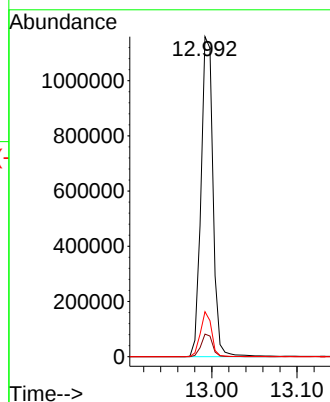
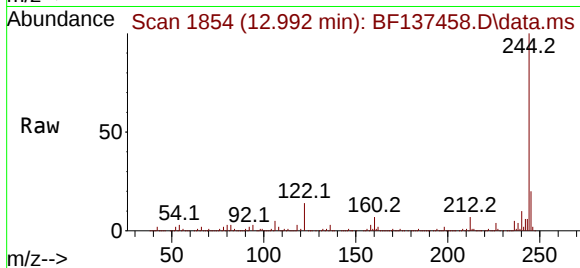
Tgt Ion:244 Resp: 1134275

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 14.0 9.1 13.7#



#85

Di-n-octyl phthalate

Concen: 5.622 ng

RT: 14.633 min Scan# 2133

Delta R.T. -0.053 min

Lab File: BF137458.D

Acq: 01 Mar 2024 14:46

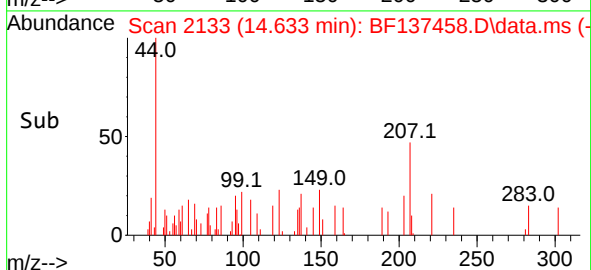
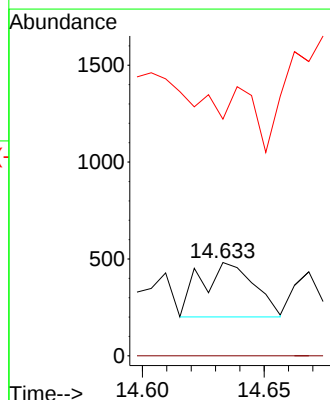
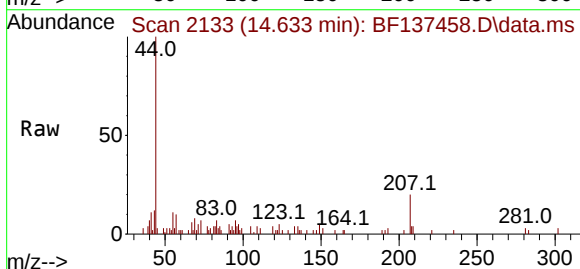
Tgt Ion:149 Resp: 429

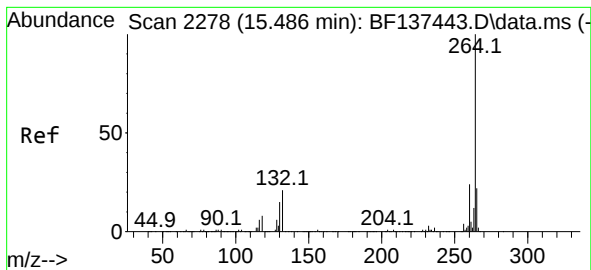
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Instrument :
BNA_F
ClientSampleId :
TP-16

Tgt Ion:264 Resp: 333840
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 20.9 17.4 26.0

