

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137466.D
 Acq On : 01 Mar 2024 18:44
 Operator : CG\JU
 Sample : P1659-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Quant Time: Mar 01 23:12:32 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)

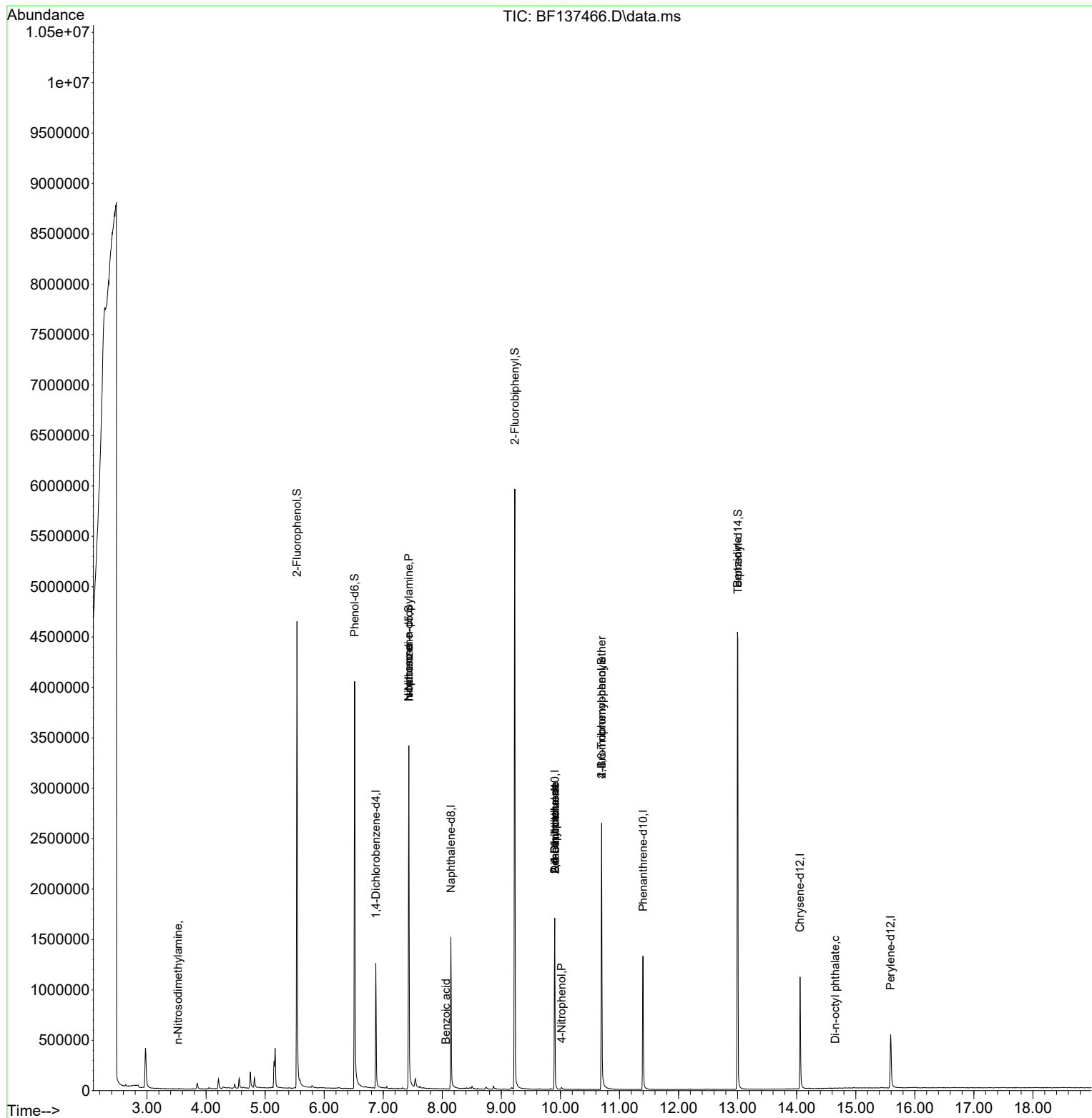
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	175118	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	662446	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	338838	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	492647	20.000	ng	0.00
76) Chrysene-d12	14.057	240	383347	20.000	ng	-0.01
86) Perylene-d12	15.592	264	283960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1271869	110.000	ng	0.00
7) Phenol-d6	6.516	99	1487231	89.109	ng	-0.01
23) Nitrobenzene-d5	7.434	82	1130222	79.274	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	303429	101.973	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1813671	83.788	ng	0.00
79) Terphenyl-d14	13.004	244	1732858	62.159	ng	0.00
Target Compounds						
					Qvalue	
4) n-Nitrosodimethylamine	3.528	42	286	3.851	ng	# 1
19) n-Nitroso-di-n-propyla...	7.434	70	147153	14.278	ng	# 83
25) Isophorone	7.434	82	1130222	41.727	ng	# 69
32) Benzoic acid	8.063	122	122	6.316	ng	93
50) Dimethylphthalate	9.904	163	52156	2.211	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	42737	8.663	ng	# 20
56) 4-Nitrophenol	10.022	139	122	4.558	ng	# 1
57) 2,4-Dinitrotoluene	9.904	165	42738	7.051	ng	# 21
67) 4-Bromophenyl-phenylether	10.698	248	20490	3.819	ng	# 1
77) Benzidine	12.998	184	21335	2.274	ng	# 90
85) Di-n-octyl phthalate	14.651	149	196	5.614	ng	# 1

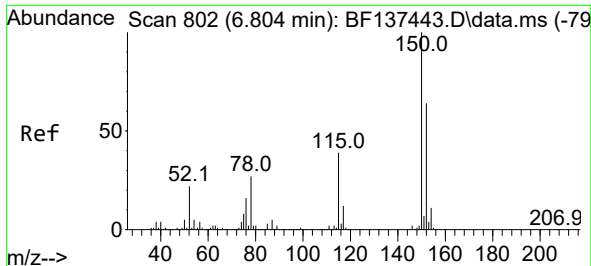
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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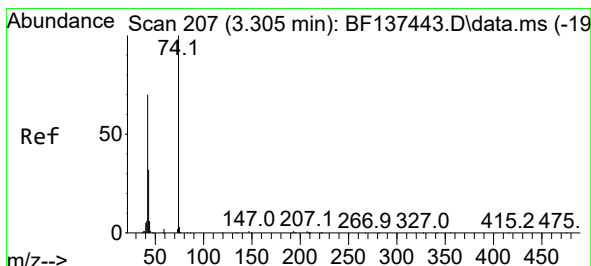
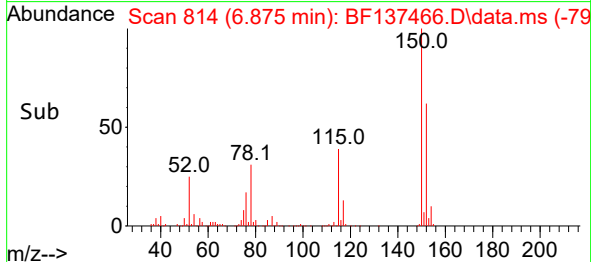
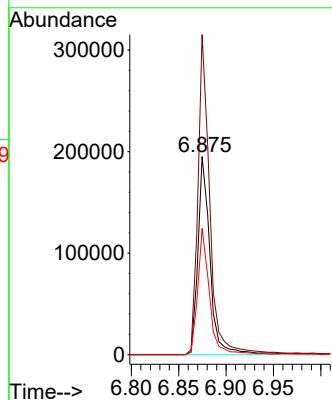
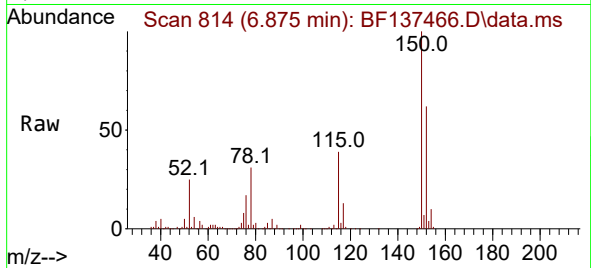




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

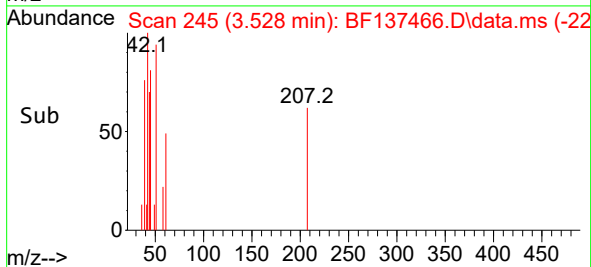
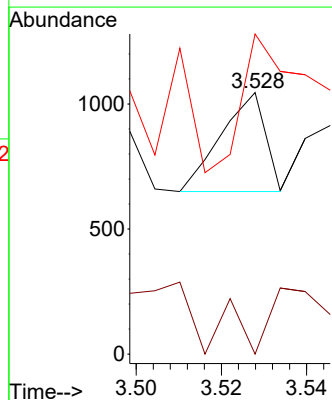
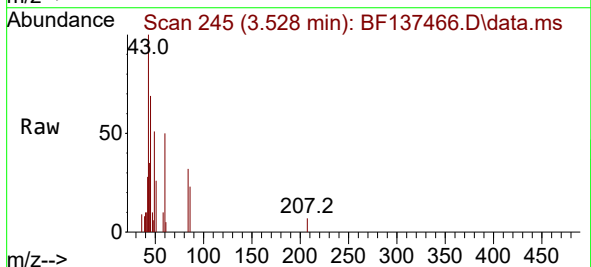
Instrument :
BNA_F
ClientSampleId :
TP-16

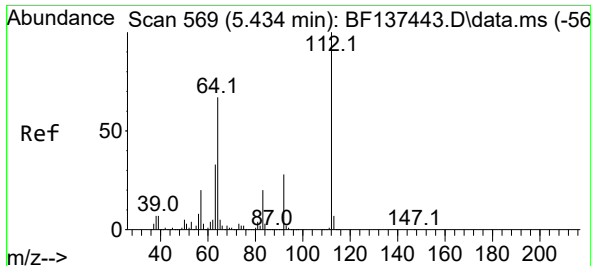
Tgt Ion:152 Resp: 175118
Ion Ratio Lower Upper
152 100
150 161.5 125.8 188.6
115 63.8 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.851 ng
RT: 3.528 min Scan# 245
Delta R.T. 0.029 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

Tgt Ion: 42 Resp: 286
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 122.4 7.0 10.4#

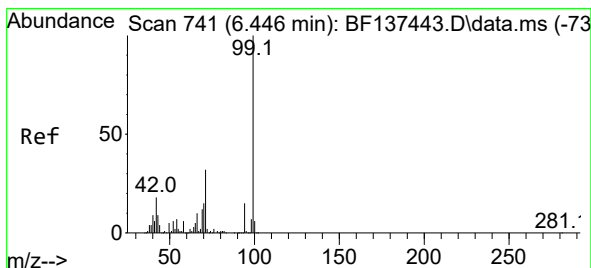
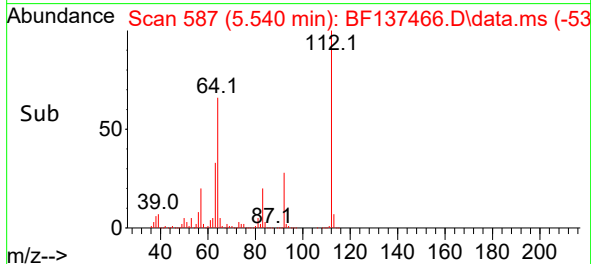
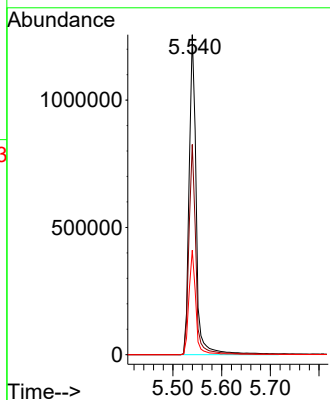
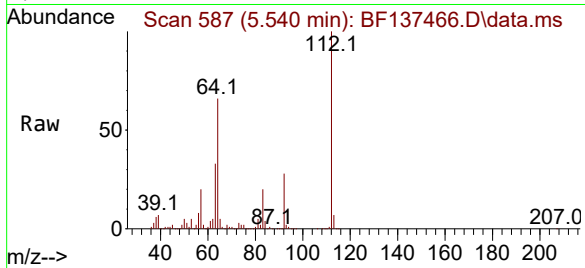




#5
2-Fluorophenol
Concen: 110.000 ng
RT: 5.540 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

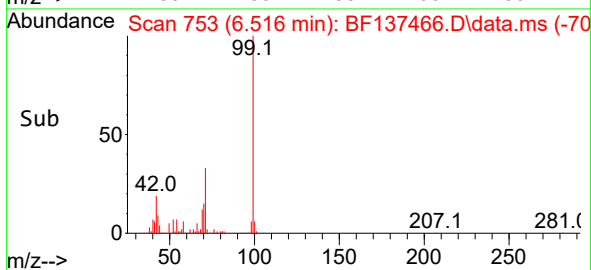
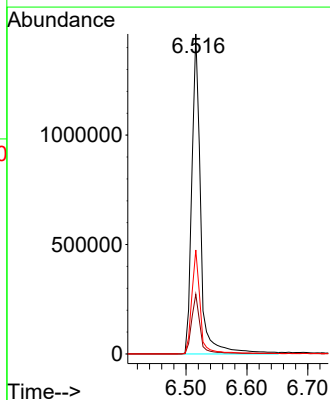
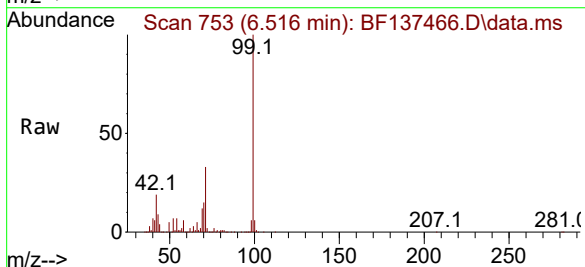
Instrument :
BNA_F
ClientSampleId :
TP-16

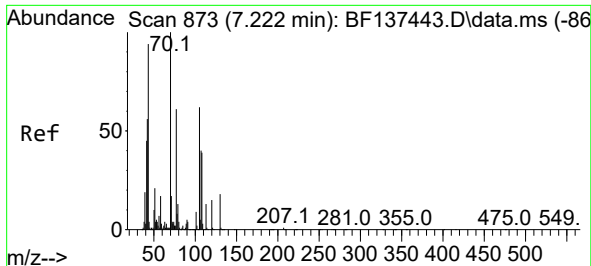
Tgt Ion:112 Resp: 1271869
Ion Ratio Lower Upper
112 100
64 65.7 53.4 80.2
63 32.6 26.2 39.2



#7
Phenol-d6
Concen: 89.109 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

Tgt Ion: 99 Resp: 1487231
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 32.5 25.3 37.9





#19

n-Nitroso-di-n-propylamine

Concen: 14.278 ng

RT: 7.434 min Scan# 90

Delta R.T. 0.135 min

Lab File: BF137466.D

Acq: 01 Mar 2024 18:44

Instrument :

BNA_F

ClientSampleId :

TP-16

Tgt Ion: 70 Resp: 147153

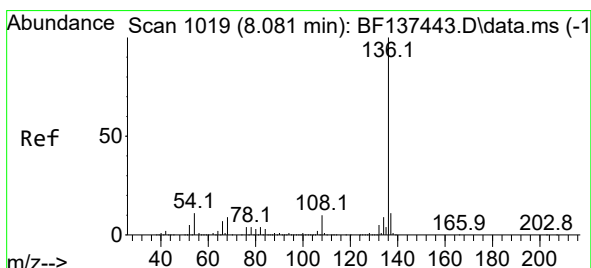
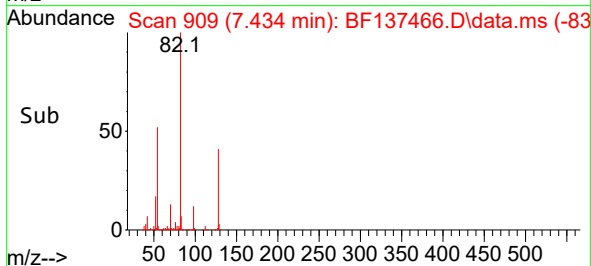
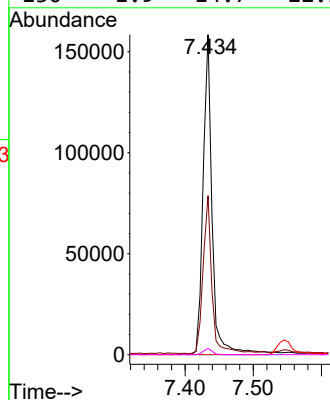
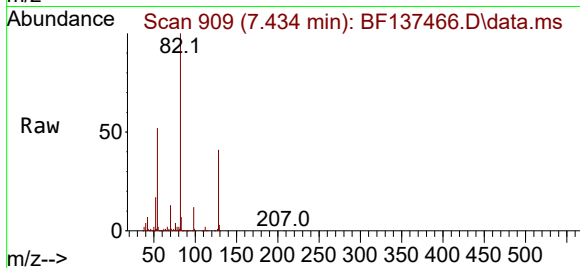
Ion Ratio Lower Upper

70 100

42 49.7 45.2 67.8

101 0.0 7.3 10.9#

130 1.9 14.7 22.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF137466.D

Acq: 01 Mar 2024 18:44

Tgt Ion:136 Resp: 662446

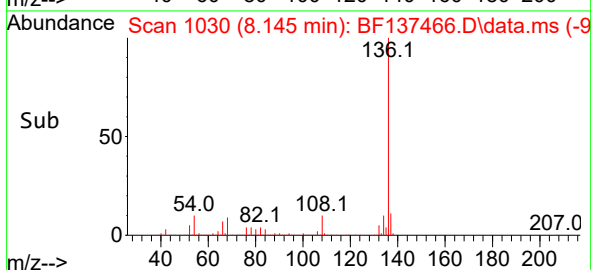
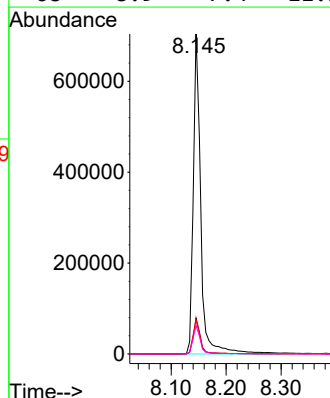
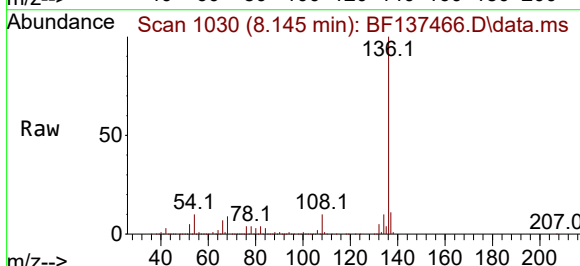
Ion Ratio Lower Upper

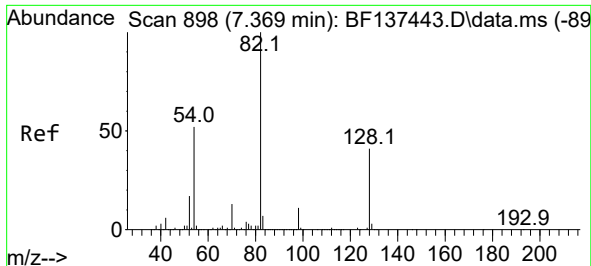
136 100

137 11.3 9.1 13.7

54 10.4 8.5 12.7

68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 79.274 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF137466.D

Acq: 01 Mar 2024 18:44

Instrument :

BNA_F

ClientSampleId :

TP-16

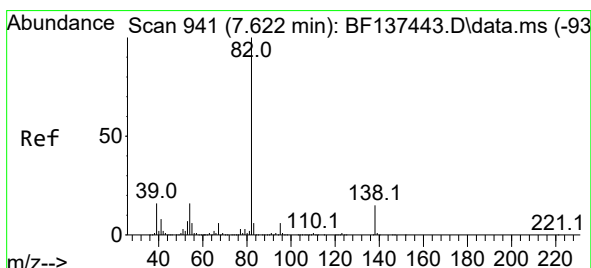
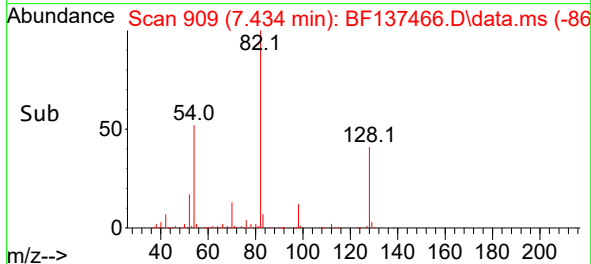
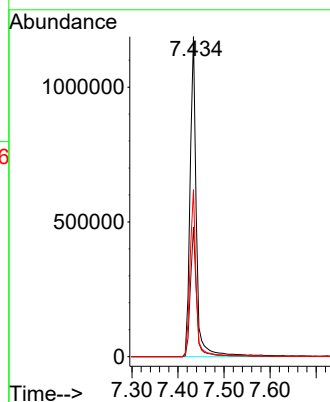
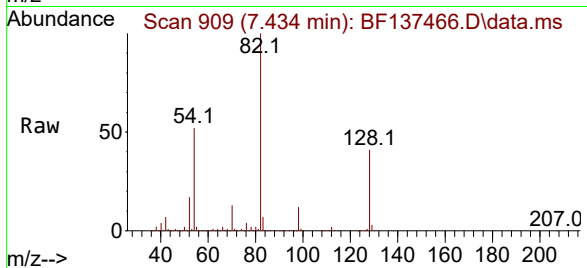
Tgt Ion: 82 Resp: 1130222

Ion Ratio Lower Upper

82 100

128 40.6 32.5 48.7

54 52.2 41.5 62.3



#25

Isophorone

Concen: 41.727 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF137466.D

Acq: 01 Mar 2024 18:44

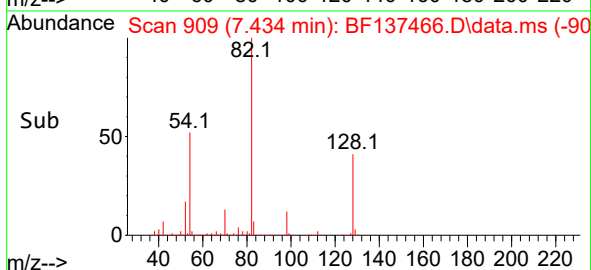
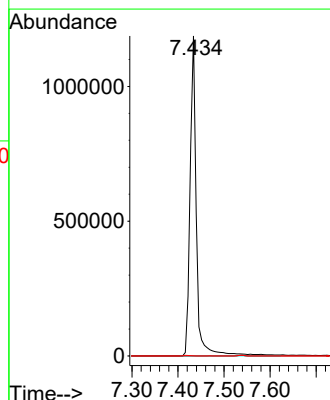
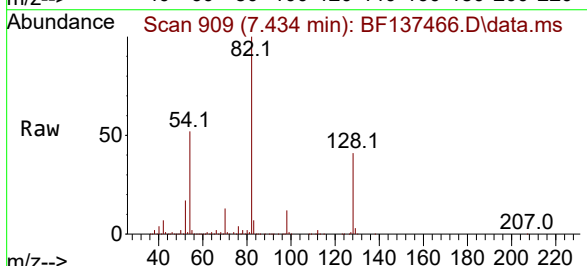
Tgt Ion: 82 Resp: 1130222

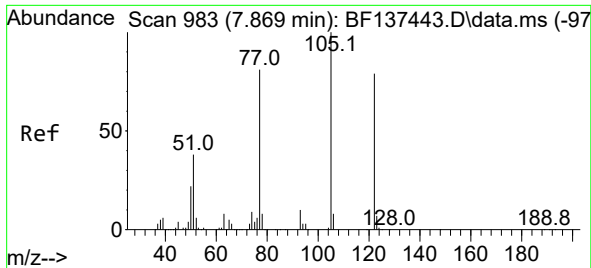
Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

138 0.0 11.8 17.8#

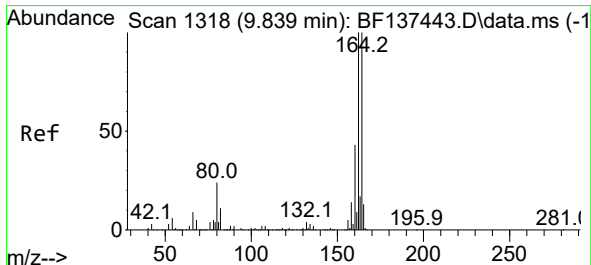
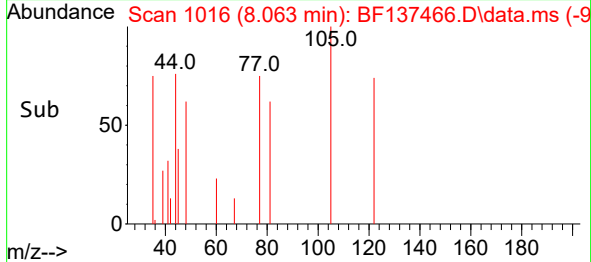
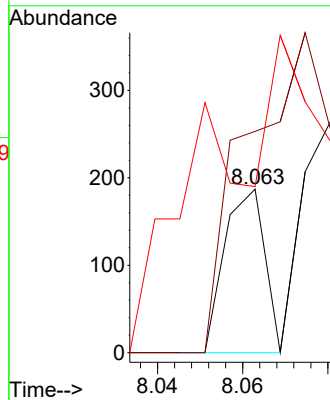
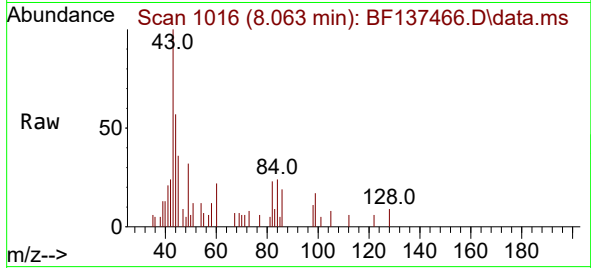




#32
Benzoic acid
Concen: 6.316 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.118 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

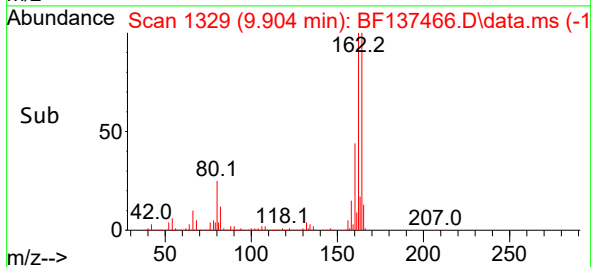
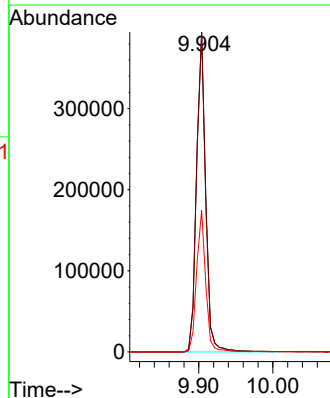
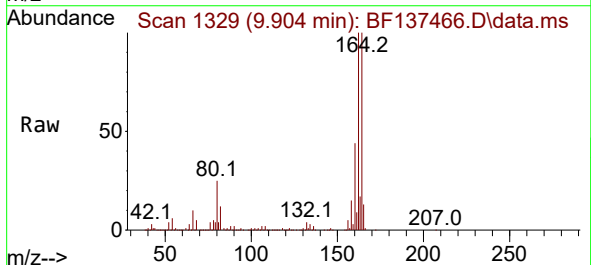
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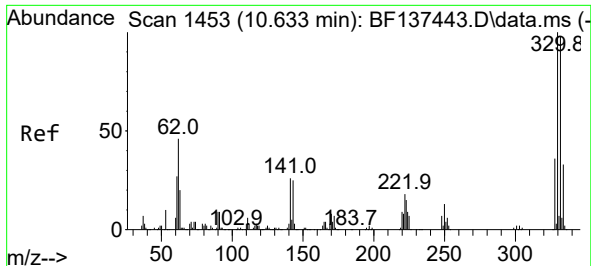
Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 135.3 102.4 142.4
77 101.6 81.1 121.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

Tgt Ion:164 Resp: 338838
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.8
160 44.3 34.4 51.6

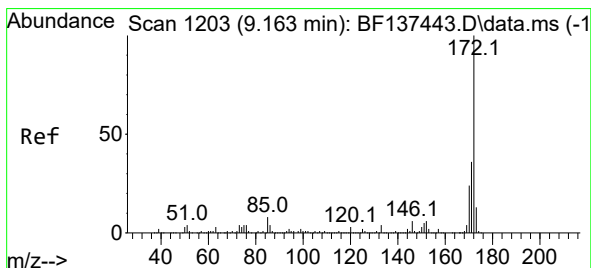
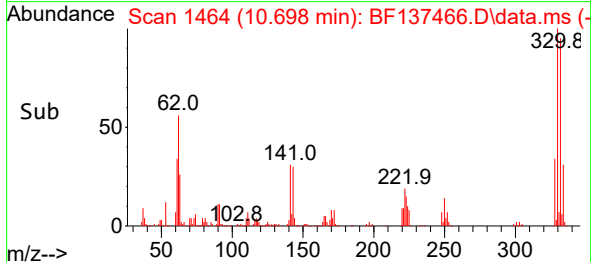
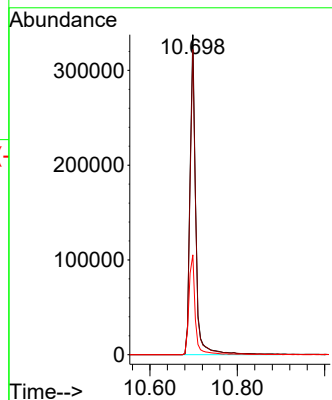
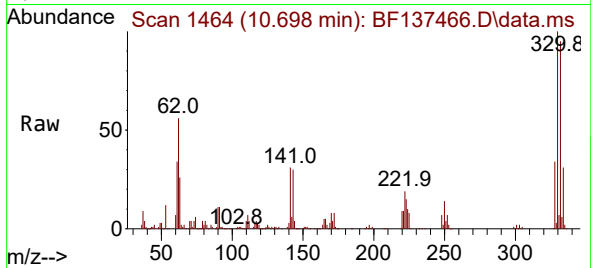




#42
2,4,6-Tribromophenol
Concen: 101.973 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

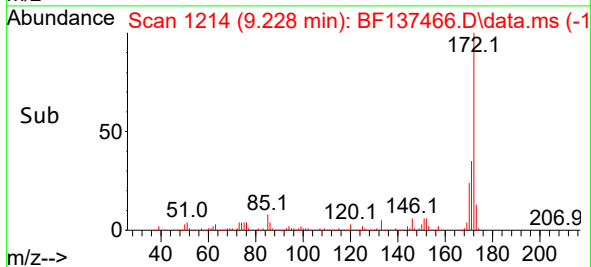
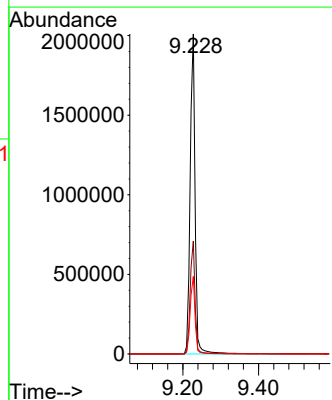
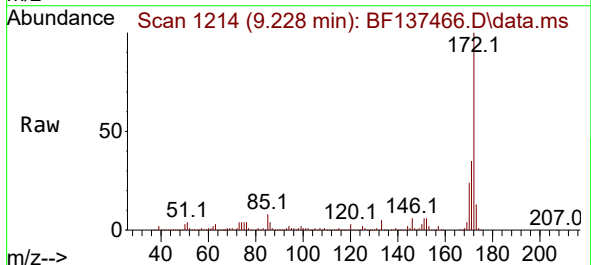
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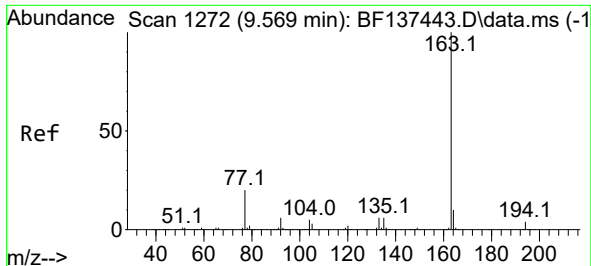
Tgt Ion: 330 Resp: 303429
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 33.7 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 83.788 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

Tgt Ion: 172 Resp: 1813671
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 24.2 19.0 28.6

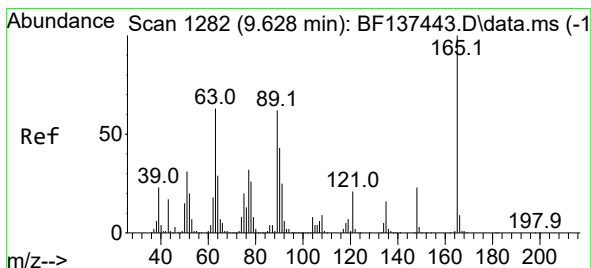
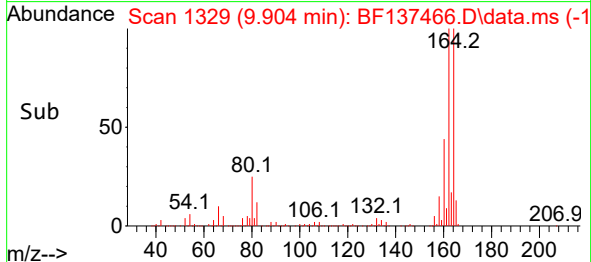
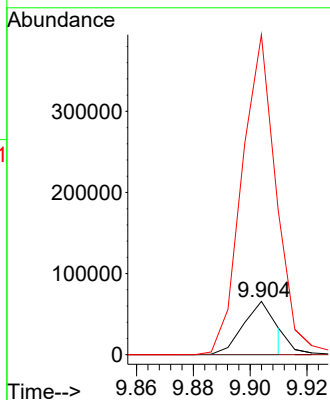
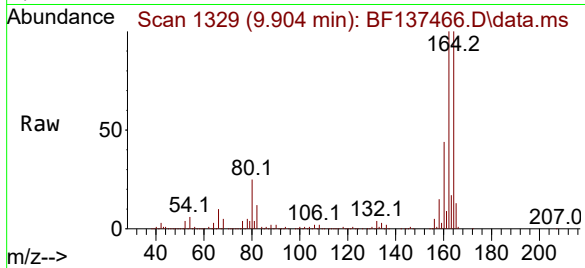




#50
Dimethylphthalate
Concen: 2.211 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.259 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

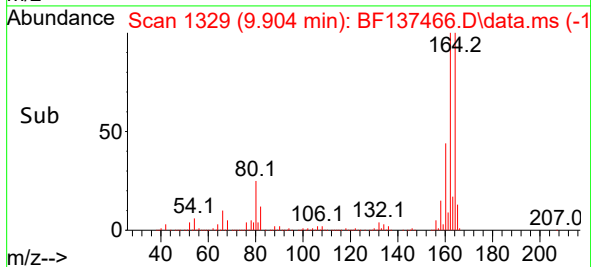
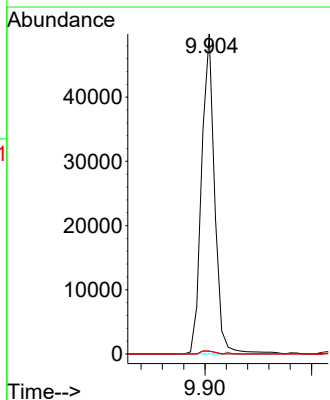
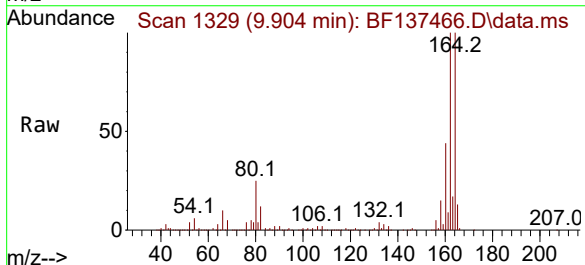
Instrument :
BNA_F
ClientSampleId :
TP-16

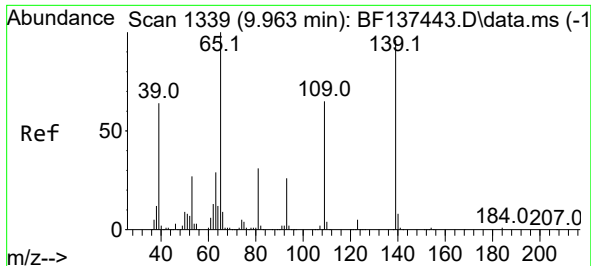
Tgt Ion:163 Resp: 52156
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 600.7 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.663 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.200 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

Tgt Ion:165 Resp: 42737
Ion Ratio Lower Upper
165 100
63 0.9 50.7 76.1#
89 0.8 50.0 75.0#

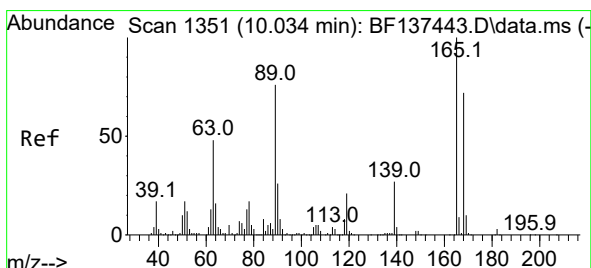
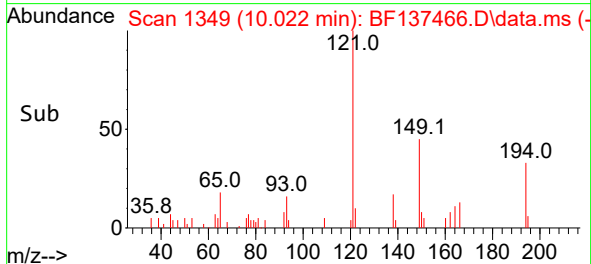
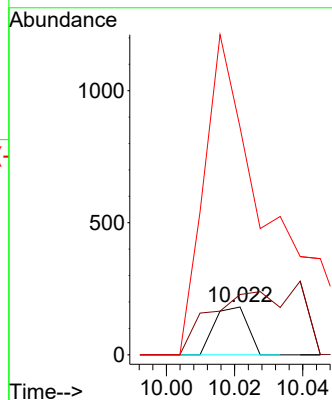
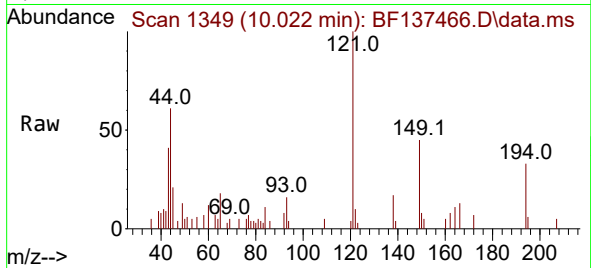




#56
4-Nitrophenol
Concen: 4.558 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

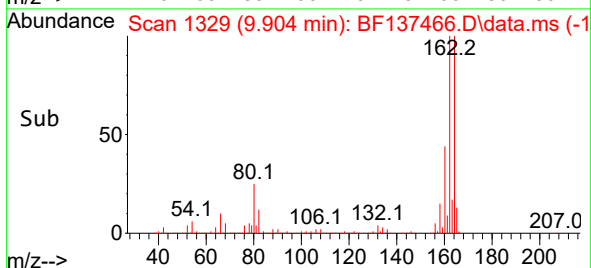
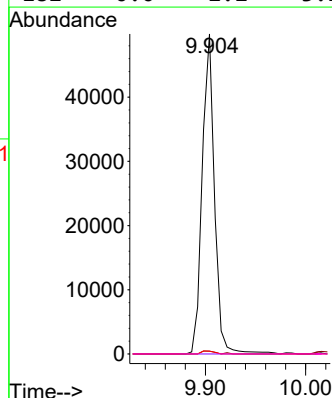
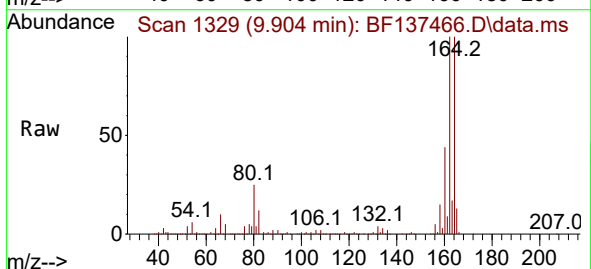
Instrument :
BNA_F
ClientSampleId :
TP-16

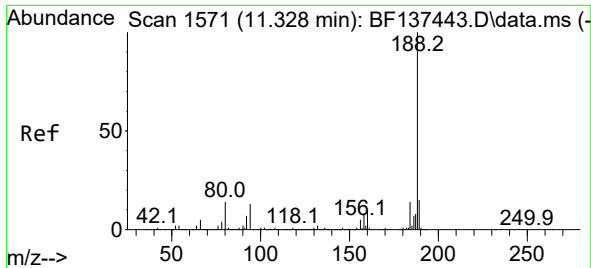
Tgt Ion:139 Resp: 122
Ion Ratio Lower Upper
139 100
109 126.0 47.1 87.1#
65 475.7 85.1 125.1#



#57
2,4-Dinitrotoluene
Concen: 7.051 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.206 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

Tgt Ion:165 Resp: 42738
Ion Ratio Lower Upper
165 100
63 0.9 39.0 58.6#
89 0.8 60.9 91.3#
182 0.0 2.2 3.2#

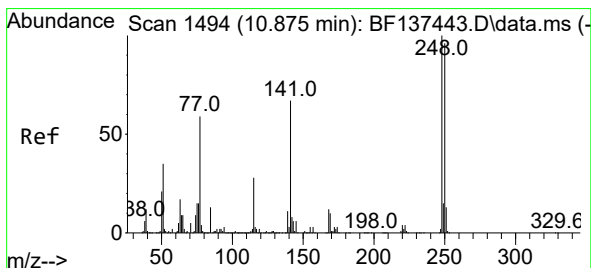
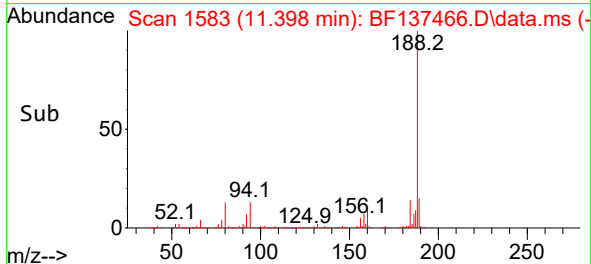
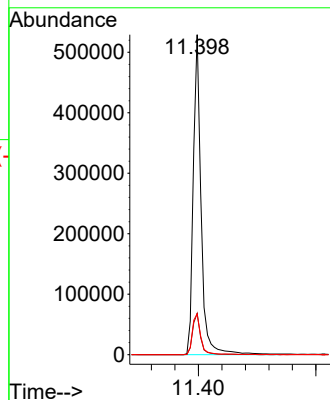
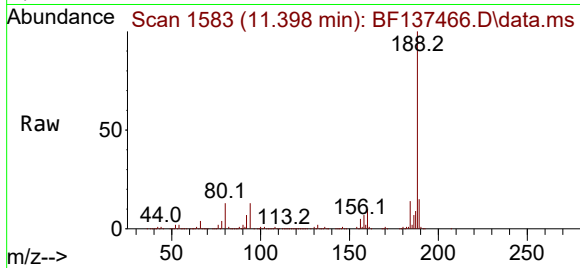




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

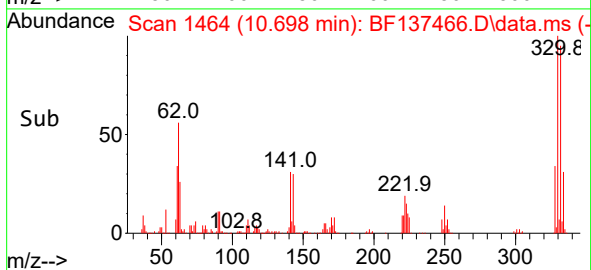
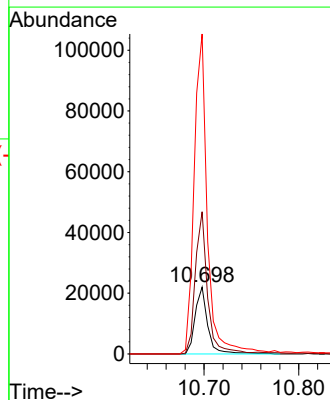
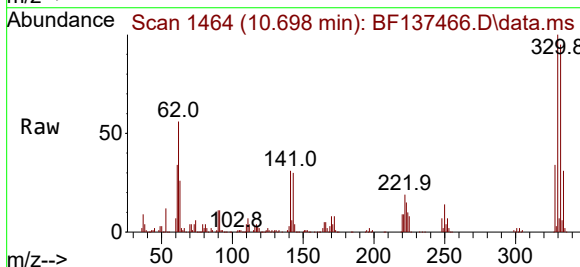
Instrument :
BNA_F
ClientSampleId :
TP-16

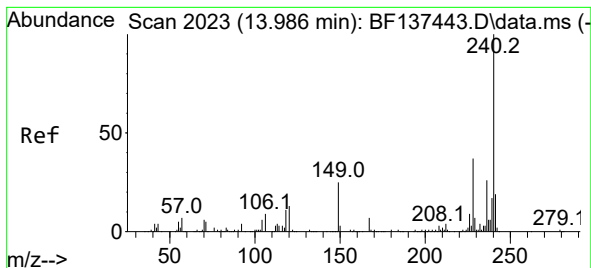
Tgt Ion:188 Resp: 492647
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 12.8 11.5 17.3



#67
4-Bromophenyl-phenylether
Concen: 3.819 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.253 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

Tgt Ion:248 Resp: 20490
Ion Ratio Lower Upper
248 100
250 212.9 76.8 115.2#
141 478.9 53.4 80.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF137466.D

Acq: 01 Mar 2024 18:44

Instrument :

BNA_F

ClientSampleId :

TP-16

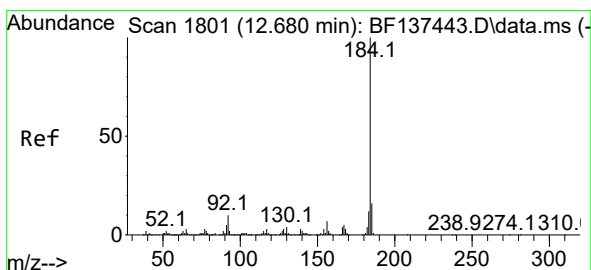
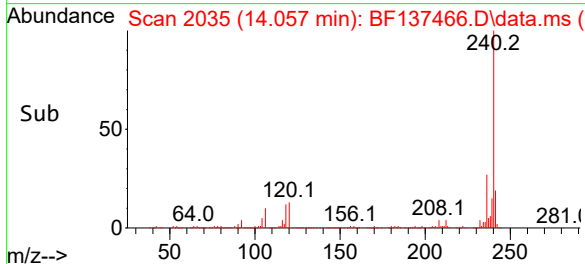
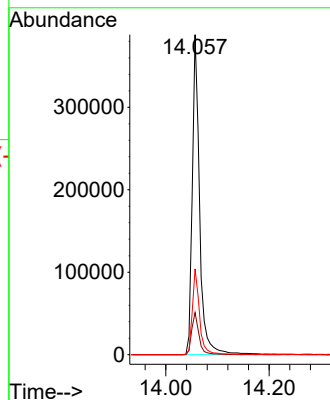
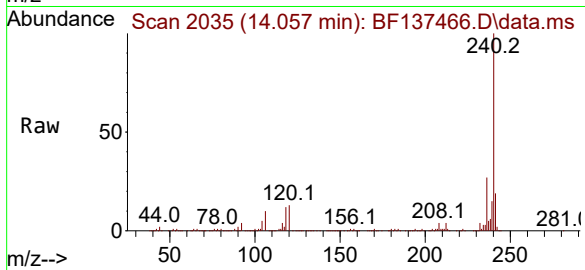
Tgt Ion:240 Resp: 383347

Ion Ratio Lower Upper

240 100

120 13.1 10.4 15.6

236 26.8 20.9 31.3



#77

Benzidine

Concen: 2.274 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.241 min

Lab File: BF137466.D

Acq: 01 Mar 2024 18:44

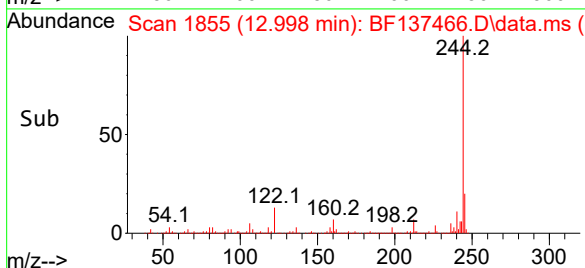
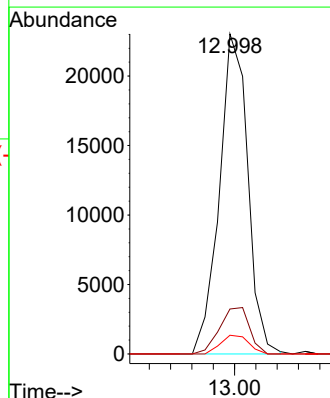
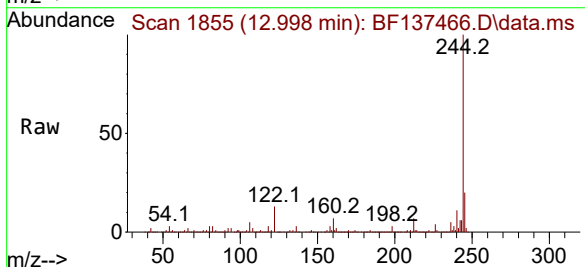
Tgt Ion:184 Resp: 21335

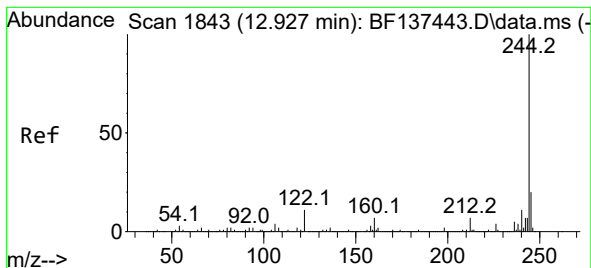
Ion Ratio Lower Upper

184 100

185 14.0 13.2 19.8

183 5.9 9.3 13.9#





#79

Terphenyl-d14

Concen: 62.159 ng

RT: 13.004 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137466.D

Acq: 01 Mar 2024 18:44

Instrument :

BNA_F

ClientSampleId :

TP-16

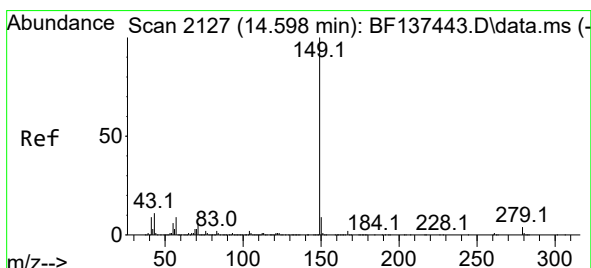
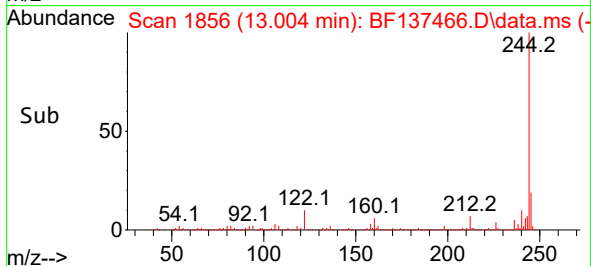
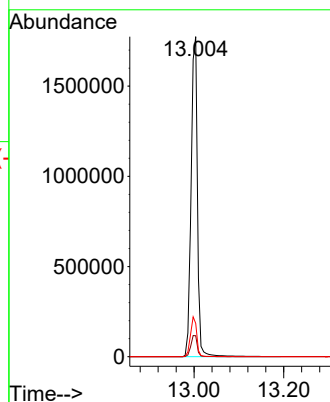
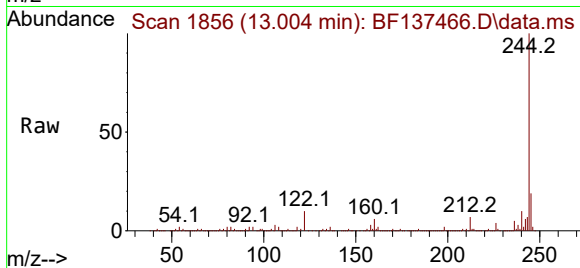
Tgt Ion:244 Resp: 1732858

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.4 9.1 13.7



#85

Di-n-octyl phthalate

Concen: 5.614 ng

RT: 14.651 min Scan# 2136

Delta R.T. -0.035 min

Lab File: BF137466.D

Acq: 01 Mar 2024 18:44

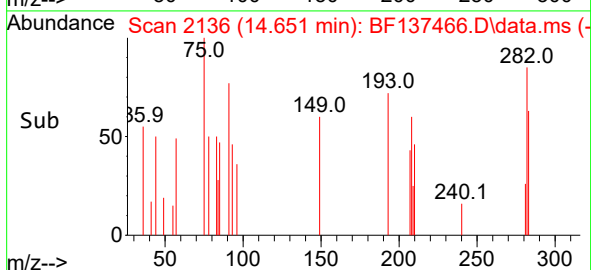
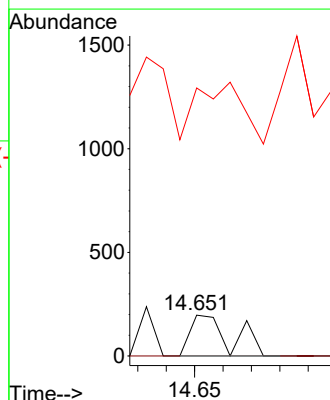
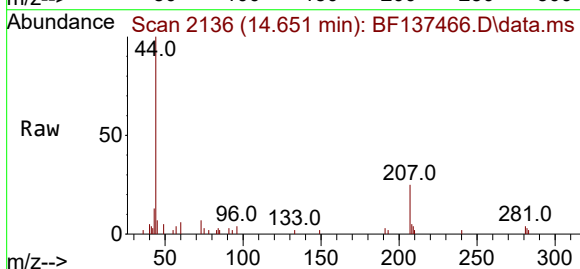
Tgt Ion:149 Resp: 196

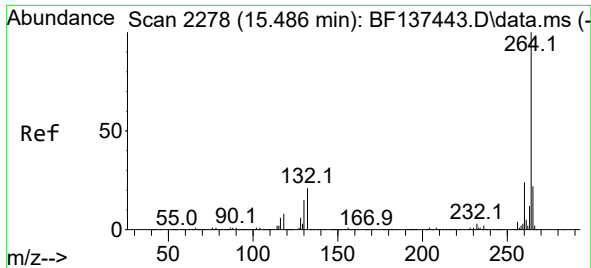
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

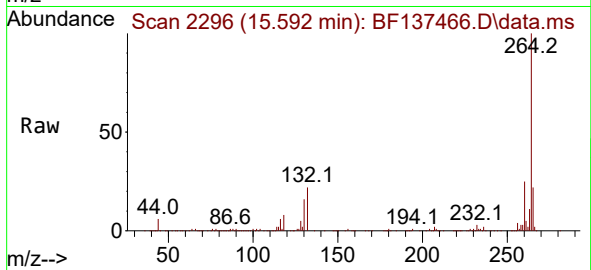
43 168.9 9.6 14.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

Instrument :
BNA_F
ClientSampleId :
TP-16



Tgt Ion:264 Resp: 283960
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 22.3 17.4 26.0

