

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137524.D
 Acq On : 06 Mar 2024 17:55
 Operator : CG\JU
 Sample : P1684-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-03-030524

Quant Time: Mar 06 23:34:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

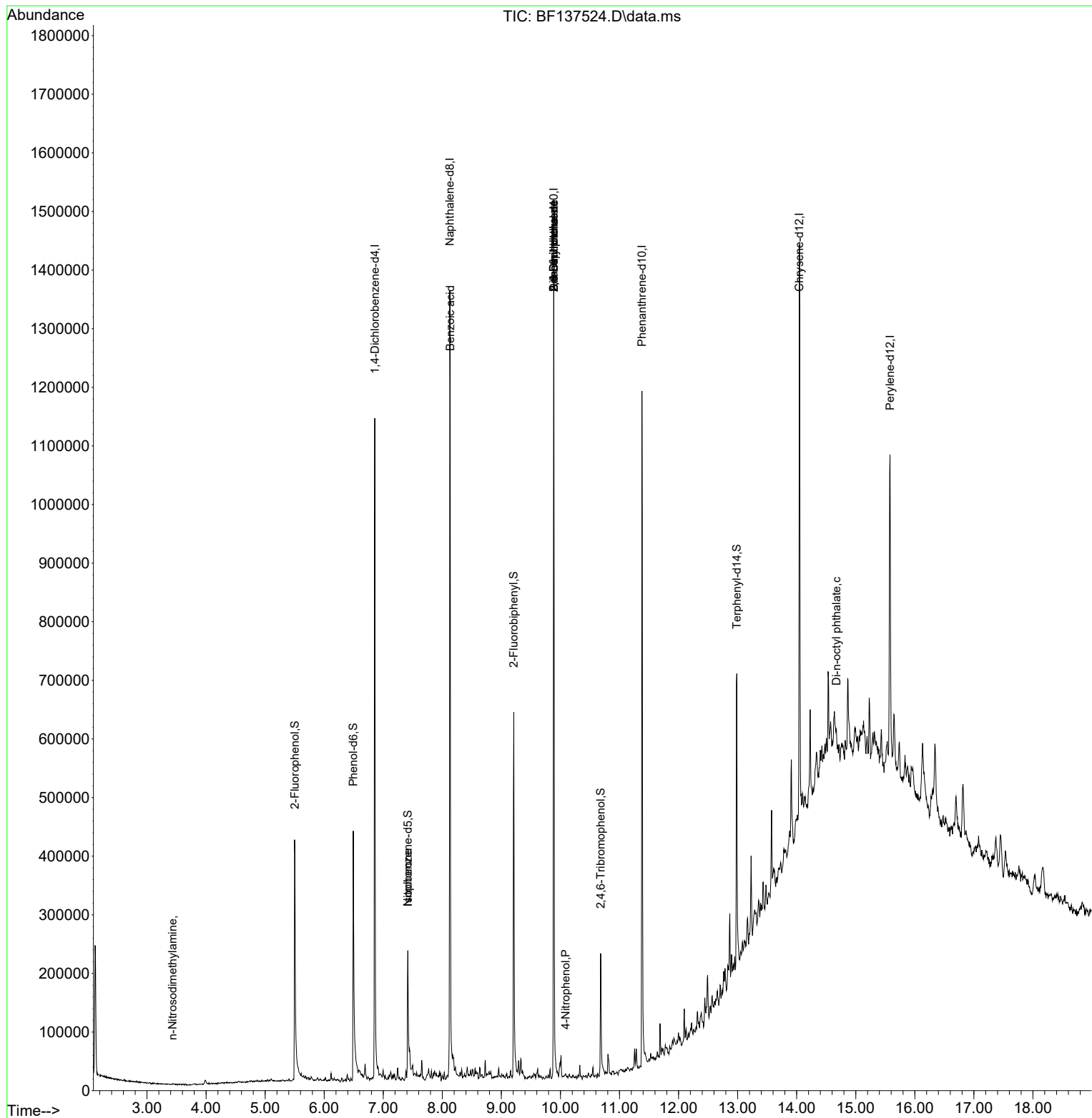
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	168820	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	623034	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	289953	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	432530	20.000	ng	0.00
76) Chrysene-d12	14.045	240	348783	20.000	ng	0.00
86) Perylene-d12	15.580	264	272298	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	160591	14.407	ng	0.00
7) Phenol-d6	6.492	99	219568	13.646	ng	-0.01
23) Nitrobenzene-d5	7.416	82	111262	8.298	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	27134	10.656	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	219978	11.876	ng	0.00
79) Terphenyl-d14	12.986	244	189535	7.473	ng	0.00
Target Compounds						
						Qvalue
4) n-Nitrosodimethylamine	3.434	42	385	3.868	ng	# 1
25) Isophorone	7.416	82	111262	4.368	ng	# 70
32) Benzoic acid	8.133	122	242	6.335	ng	# 1
50) Dimethylphthalate	9.886	163	45421	2.250	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	38152	9.037	ng	# 20
56) 4-Nitrophenol	10.086	139	119	4.562	ng	# 1
57) 2,4-Dinitrotoluene	9.886	165	38152	7.356	ng	# 21
85) Di-n-octyl phthalate	14.674	149	741	5.637	ng	# 65

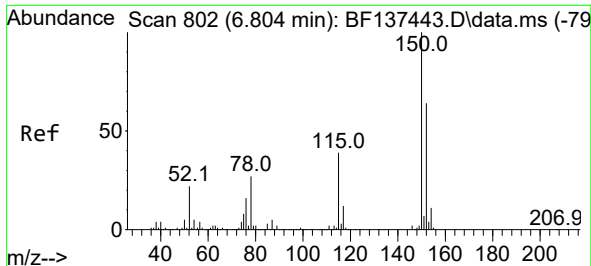
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
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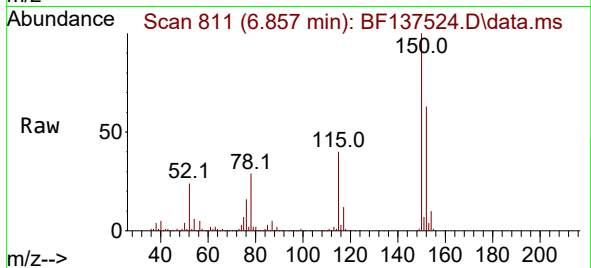
Quant Time: Mar 06 23:34:29 2024
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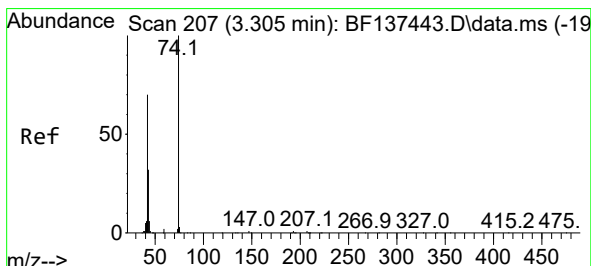
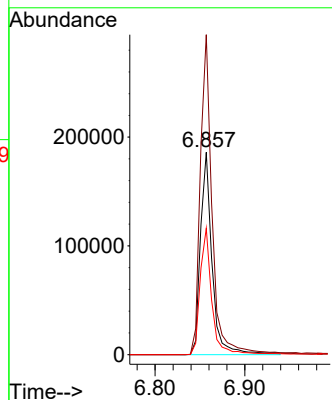
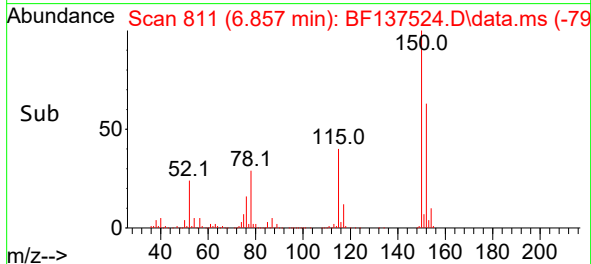


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

Instrument :
BNA_F
ClientSampleId :
SU-03-030524

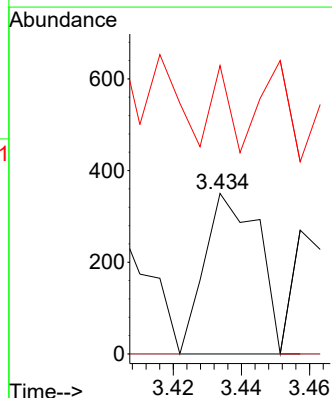
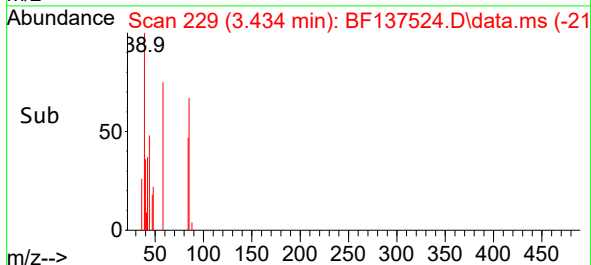
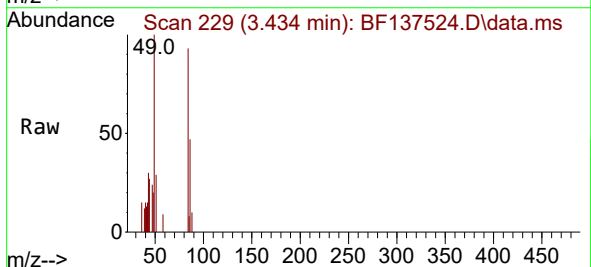


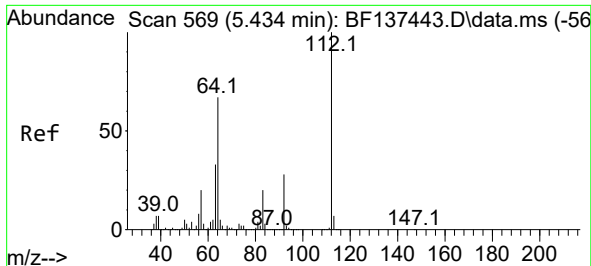
Tgt Ion:152 Resp: 168820
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 62.5 48.8 73.2



#4
n-Nitrosodimethylamine
Concen: 3.868 ng
RT: 3.434 min Scan# 229
Delta R.T. -0.012 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

Tgt Ion: 42 Resp: 385
Ion Ratio Lower Upper
42 100
74 0.0 114.0 171.0#
44 179.7 7.0 10.4#

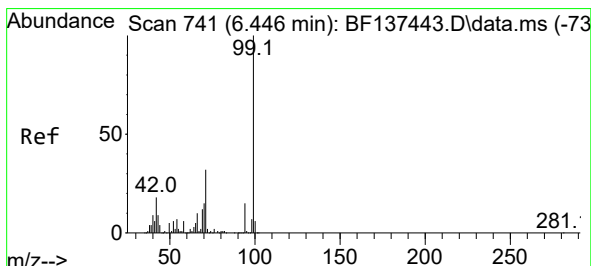
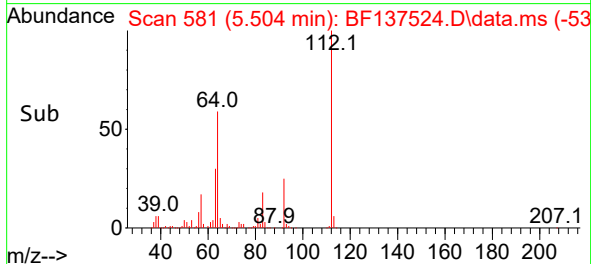
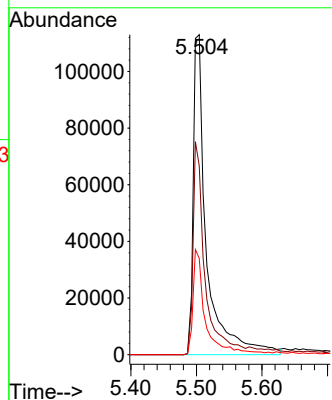
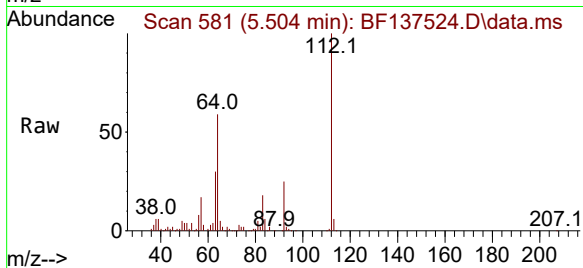




#5
2-Fluorophenol
Concen: 14.407 ng
RT: 5.504 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

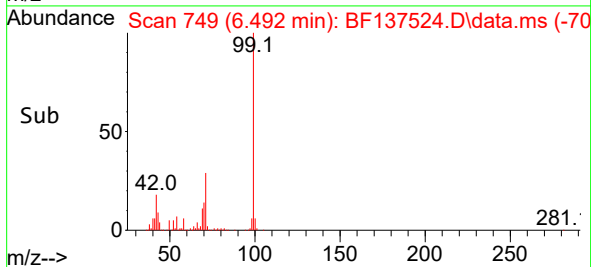
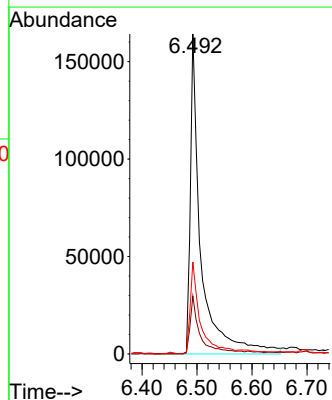
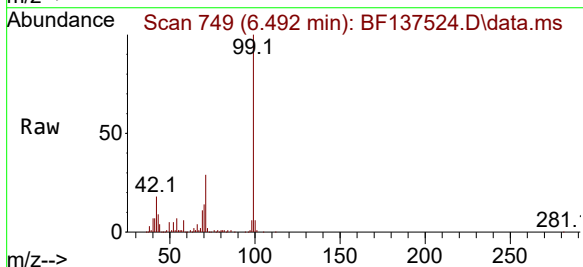
Instrument :
BNA_F
ClientSampleId :
SU-03-030524

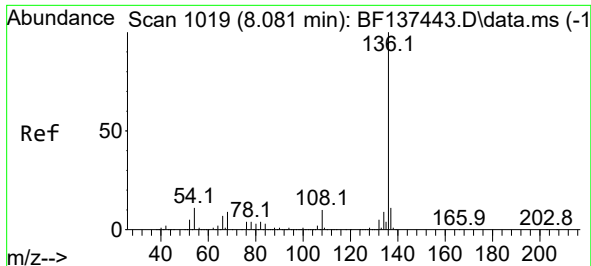
Tgt Ion:112 Resp: 160591
Ion Ratio Lower Upper
112 100
64 59.1 53.4 80.2
63 30.1 26.2 39.2



#7
Phenol-d6
Concen: 13.646 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

Tgt Ion: 99 Resp: 219568
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 28.7 25.3 37.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SU-03-030524

Tgt Ion:136 Resp: 623034

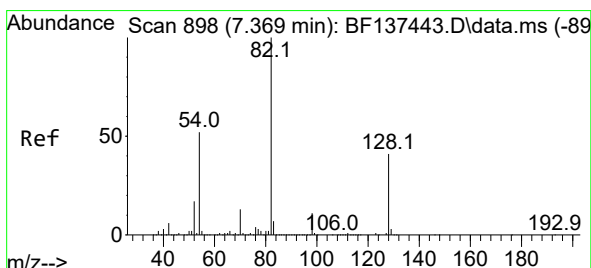
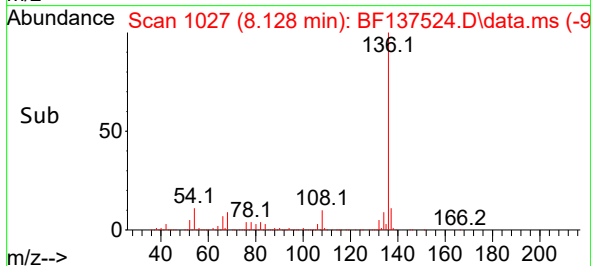
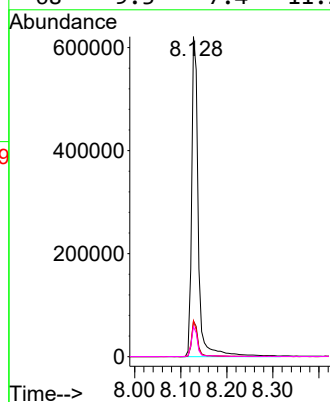
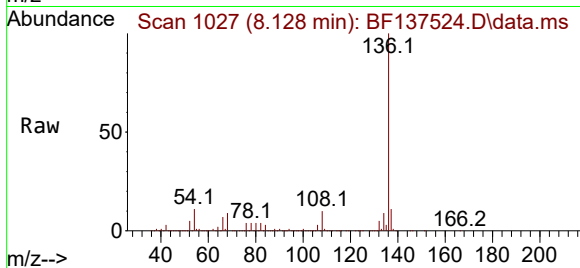
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 11.2 8.5 12.7

68 9.3 7.4 11.2



#23

Nitrobenzene-d5

Concen: 8.298 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

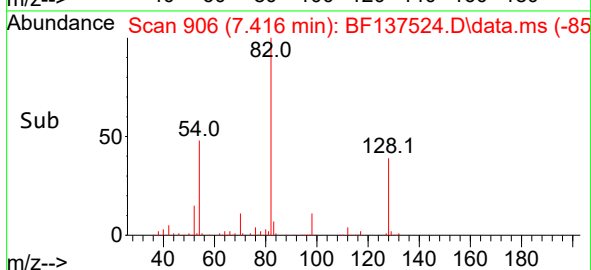
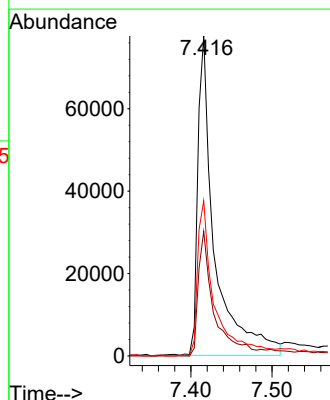
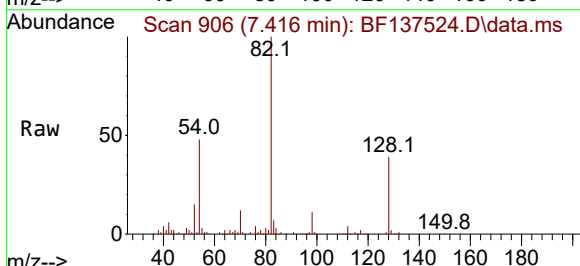
Tgt Ion: 82 Resp: 111262

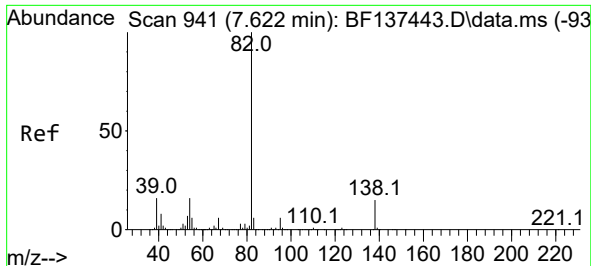
Ion Ratio Lower Upper

82 100

128 39.0 32.5 48.7

54 48.5 41.5 62.3

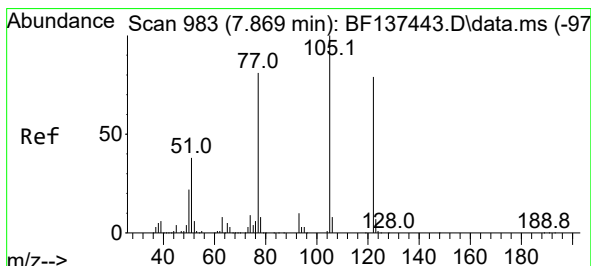
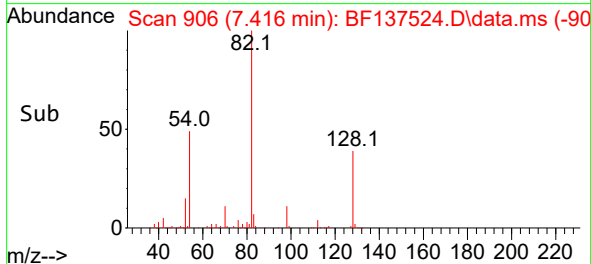
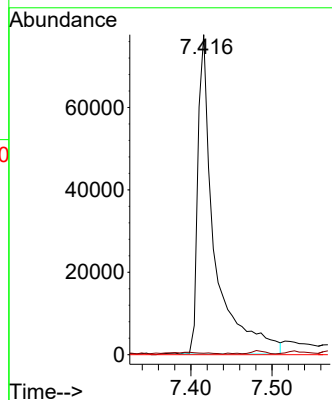
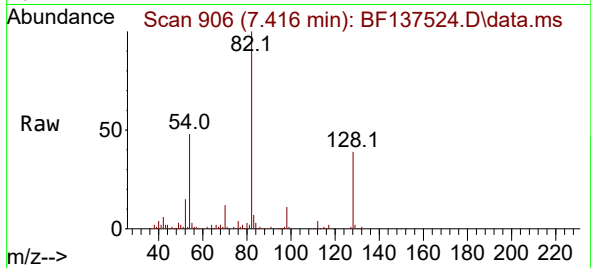




#25
Isophorone
Concen: 4.368 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

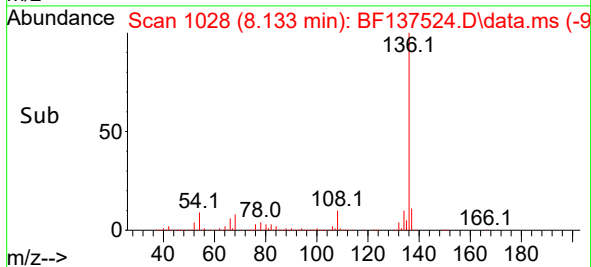
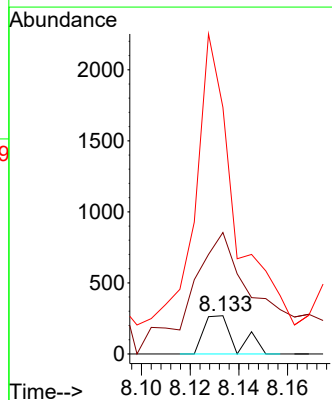
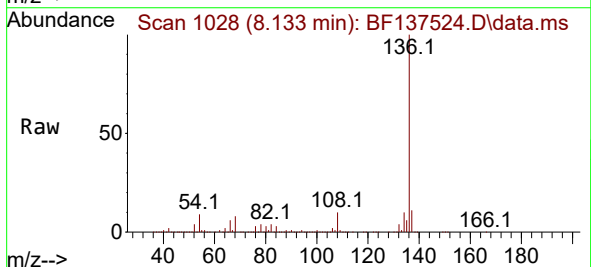
Instrument :
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SU-03-030524

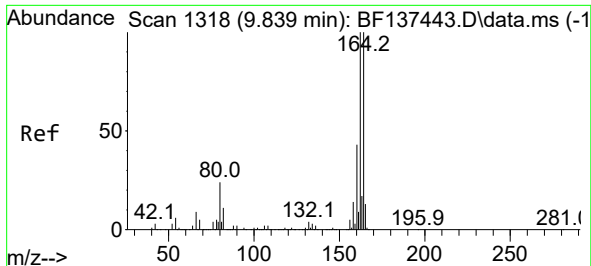
Tgt Ion: 82 Resp: 111262
Ion Ratio Lower Upper
82 100
95 0.4 5.1 7.7#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 6.335 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.206 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

Tgt Ion:122 Resp: 242
Ion Ratio Lower Upper
122 100
105 317.5 102.4 142.4#
77 645.0 81.1 121.1#

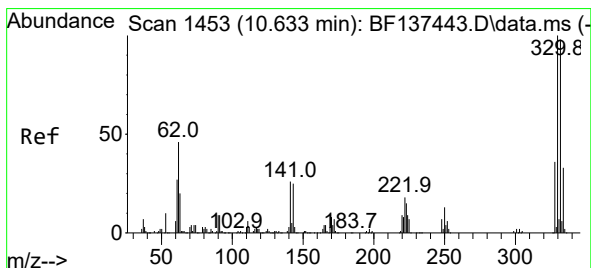
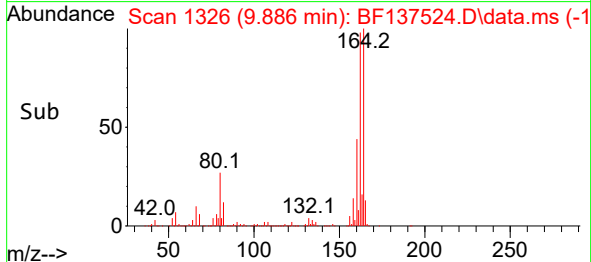
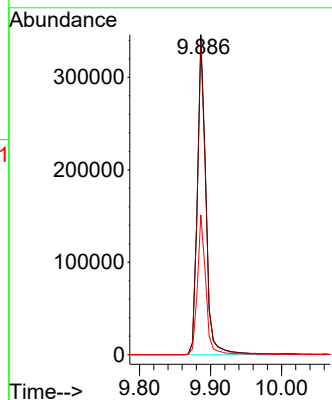
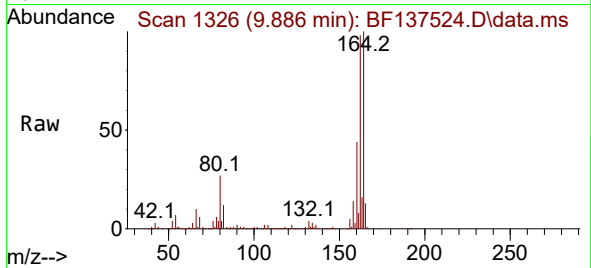




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

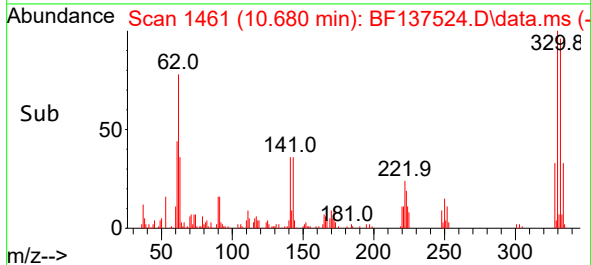
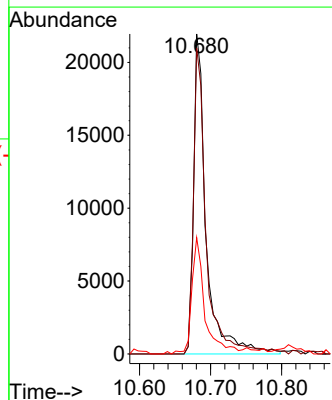
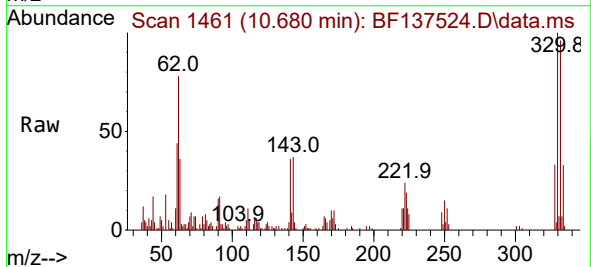
Instrument :
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SU-03-030524

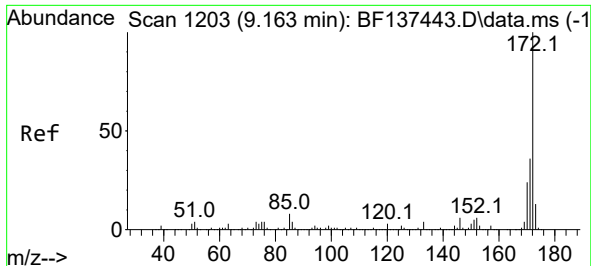
Tgt Ion:164 Resp: 289953
Ion Ratio Lower Upper
164 100
162 97.9 79.8 119.8
160 43.6 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 10.656 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

Tgt Ion:330 Resp: 27134
Ion Ratio Lower Upper
330 100
332 96.7 78.0 117.0
141 37.6 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 11.876 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SU-03-030524

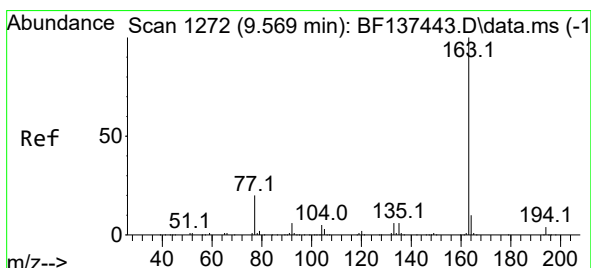
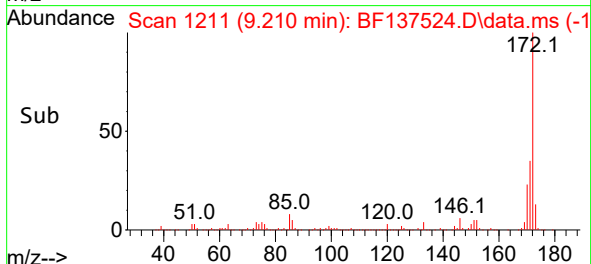
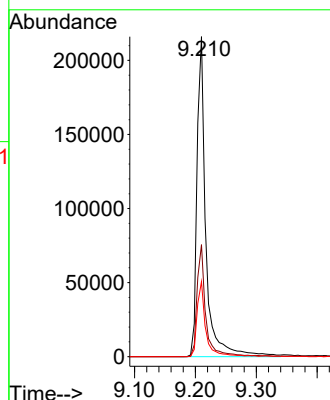
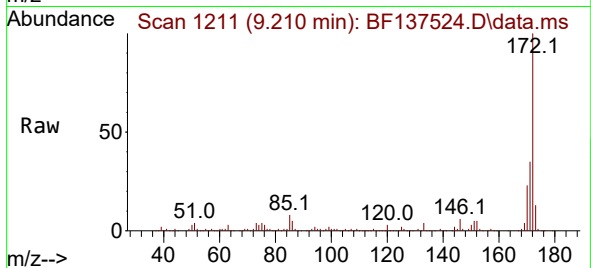
Tgt Ion:172 Resp: 219978

Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.5 19.0 28.6



#50

Dimethylphthalate

Concen: 2.250 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.259 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

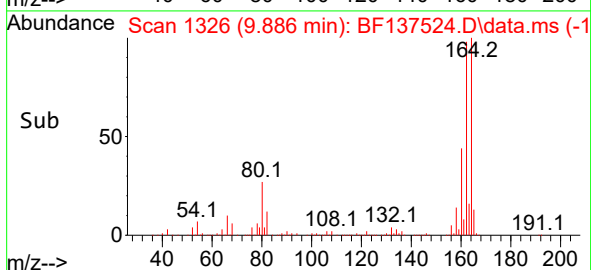
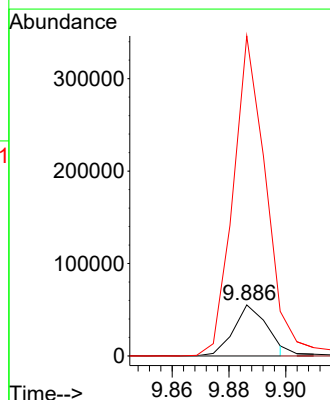
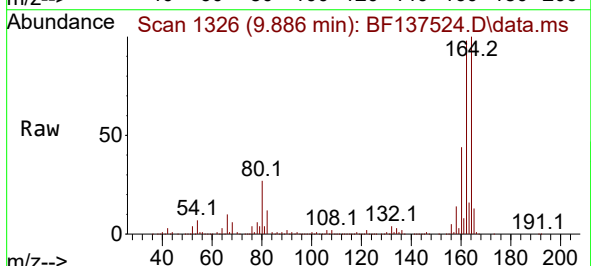
Tgt Ion:163 Resp: 45421

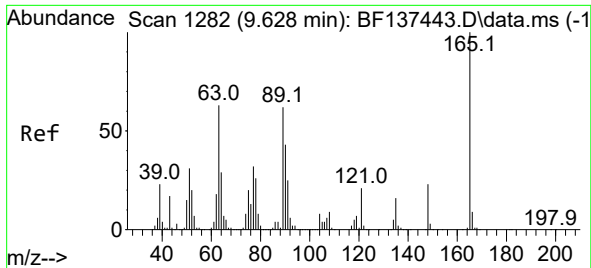
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 627.8 8.1 12.1#

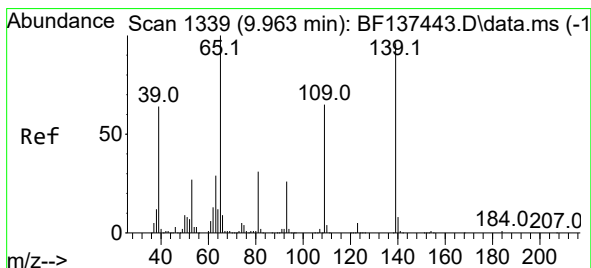
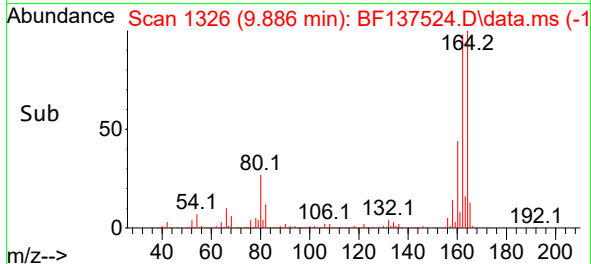
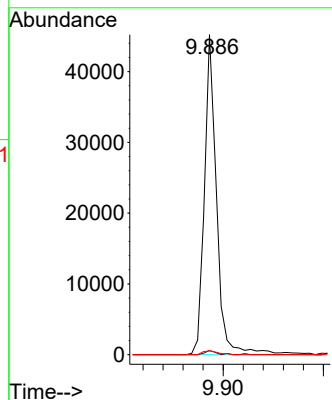
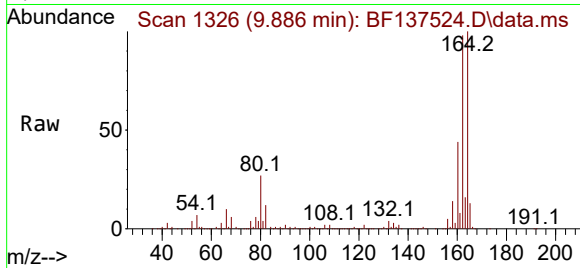




#51
2,6-Dinitrotoluene
Concen: 9.037 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

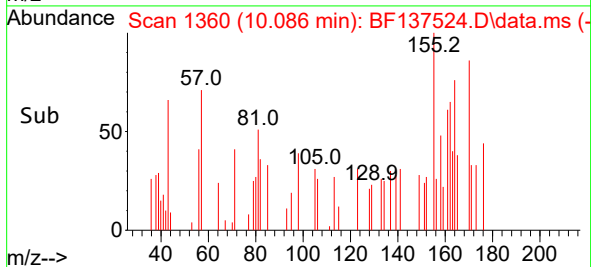
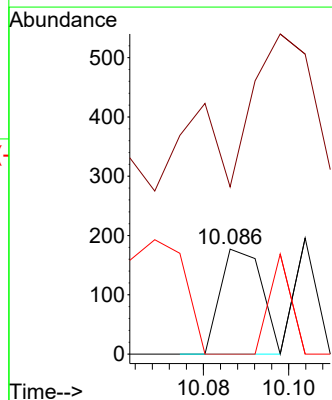
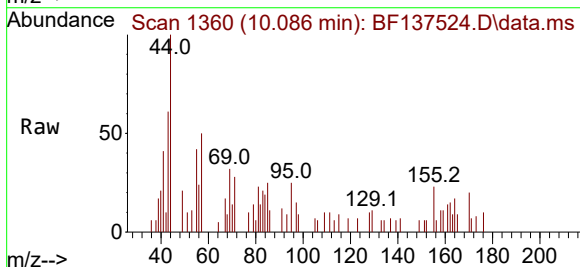
Instrument :
BNA_F
ClientSampleId :
SU-03-030524

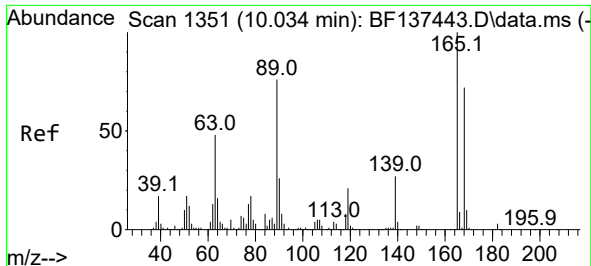
Tgt Ion:165 Resp: 38152
Ion Ratio Lower Upper
165 100
63 1.3 50.7 76.1#
89 1.2 50.0 75.0#



#56
4-Nitrophenol
Concen: 4.562 ng
RT: 10.086 min Scan# 1360
Delta R.T. 0.065 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

Tgt Ion:139 Resp: 119
Ion Ratio Lower Upper
139 100
109 159.3 47.1 87.1#
65 0.0 85.1 125.1#

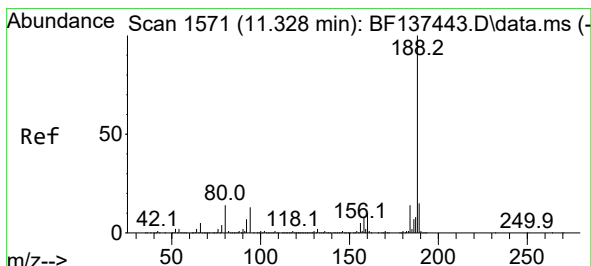
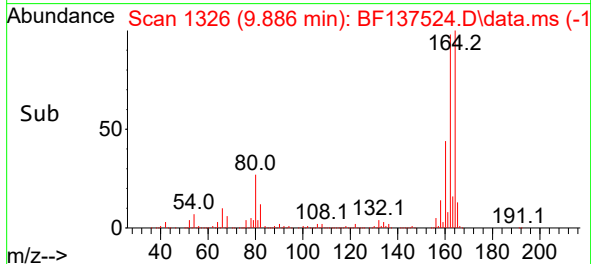
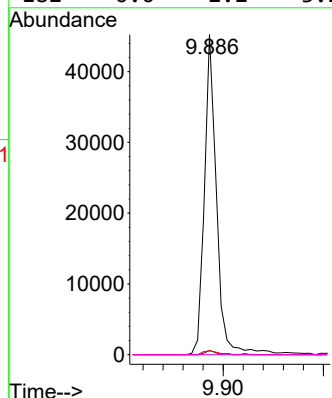
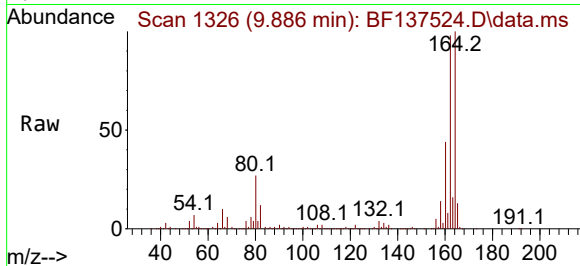




#57
2,4-Dinitrotoluene
Concen: 7.356 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

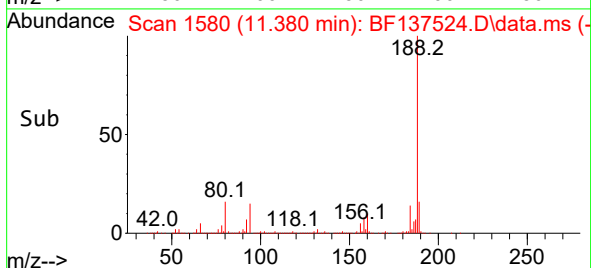
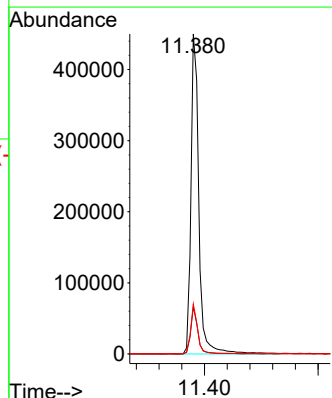
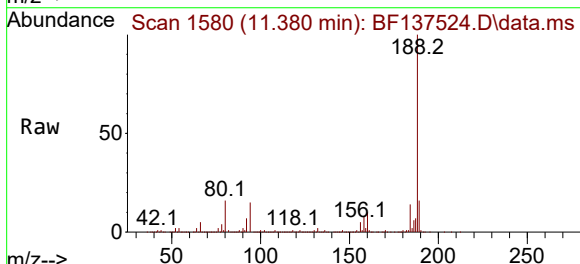
Instrument :
BNA_F
ClientSampleId :
SU-03-030524

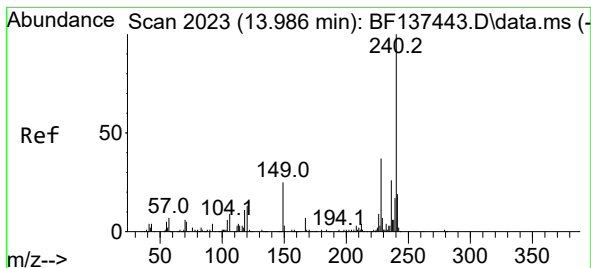
Tgt Ion:165 Resp: 38152
Ion Ratio Lower Upper
165 100
63 1.3 39.0 58.6#
89 1.2 60.9 91.3#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF137524.D
Acq: 06 Mar 2024 17:55

Tgt Ion:188 Resp: 432530
Ion Ratio Lower Upper
188 100
94 14.7 10.6 15.8
80 15.7 11.5 17.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SU-03-030524

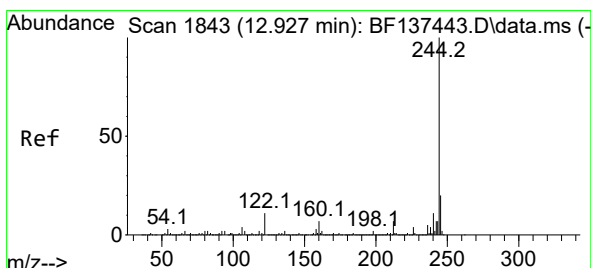
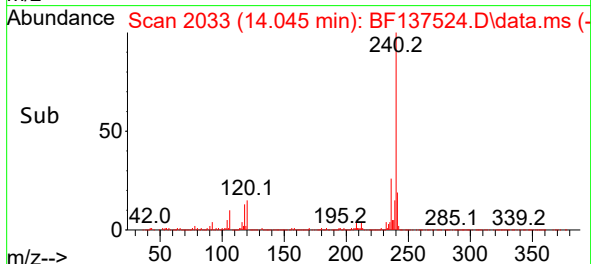
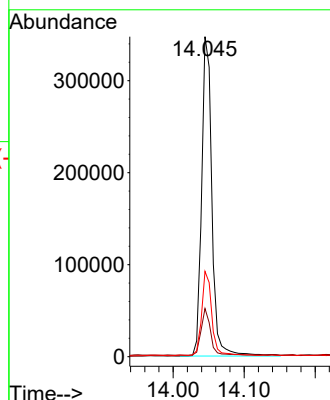
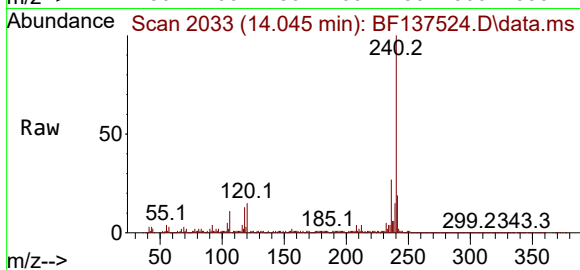
Tgt Ion:240 Resp: 348783

Ion Ratio Lower Upper

240 100

120 15.0 10.4 15.6

236 26.6 20.9 31.3



#79

Terphenyl-d14

Concen: 7.473 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

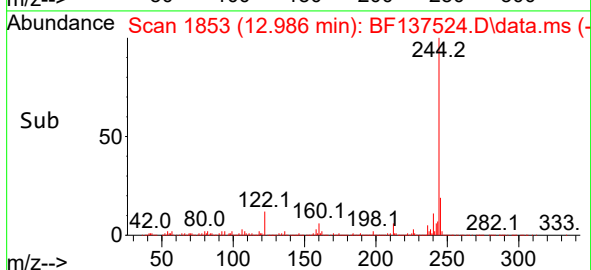
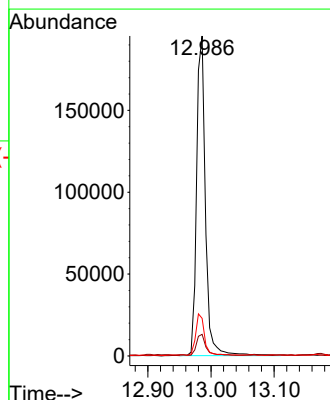
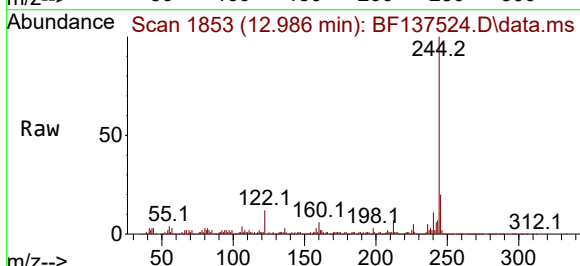
Tgt Ion:244 Resp: 189535

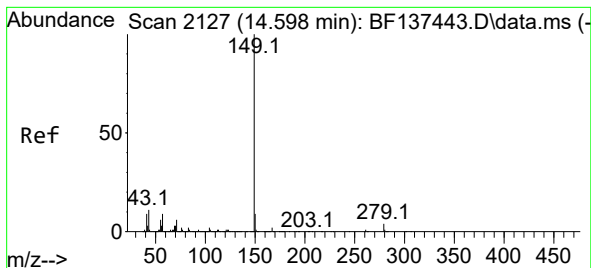
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.8 9.1 13.7





#85

Di-n-octyl phthalate

Concen: 5.637 ng

RT: 14.674 min Scan# 2127

Delta R.T. 0.012 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

Instrument :

BNA_F

ClientSampleId :

SU-03-030524

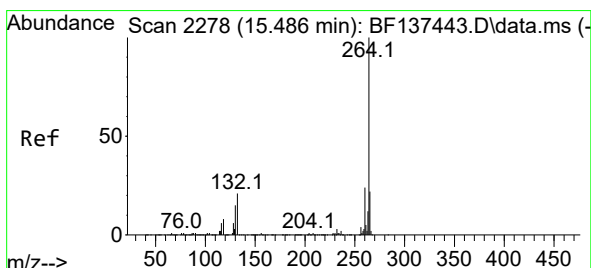
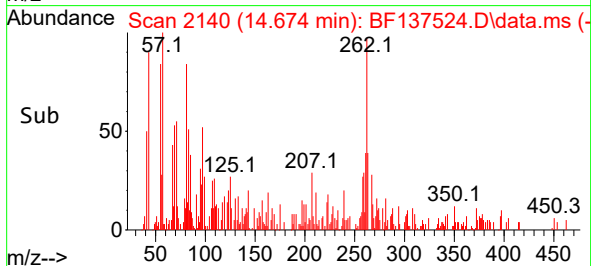
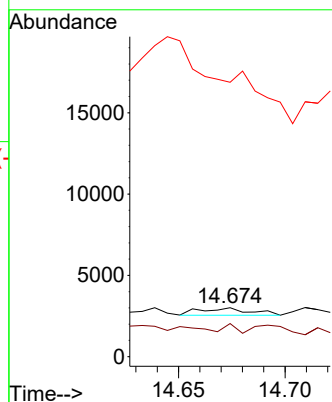
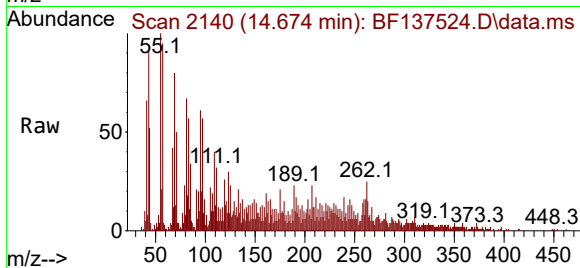
Tgt Ion:149 Resp: 741

Ion Ratio Lower Upper

149 100

167 28.9 1.2 1.8#

43 0.0 9.6 14.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2294

Delta R.T. 0.012 min

Lab File: BF137524.D

Acq: 06 Mar 2024 17:55

Tgt Ion:264 Resp: 272298

Ion Ratio Lower Upper

264 100

260 24.3 19.3 28.9

265 22.4 17.4 26.0

