

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132672.D
 Acq On : 07 Mar 2023 11:28
 Operator : CG\JU
 Sample : PB151052BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151052BL

Quant Time: Mar 08 04:37:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

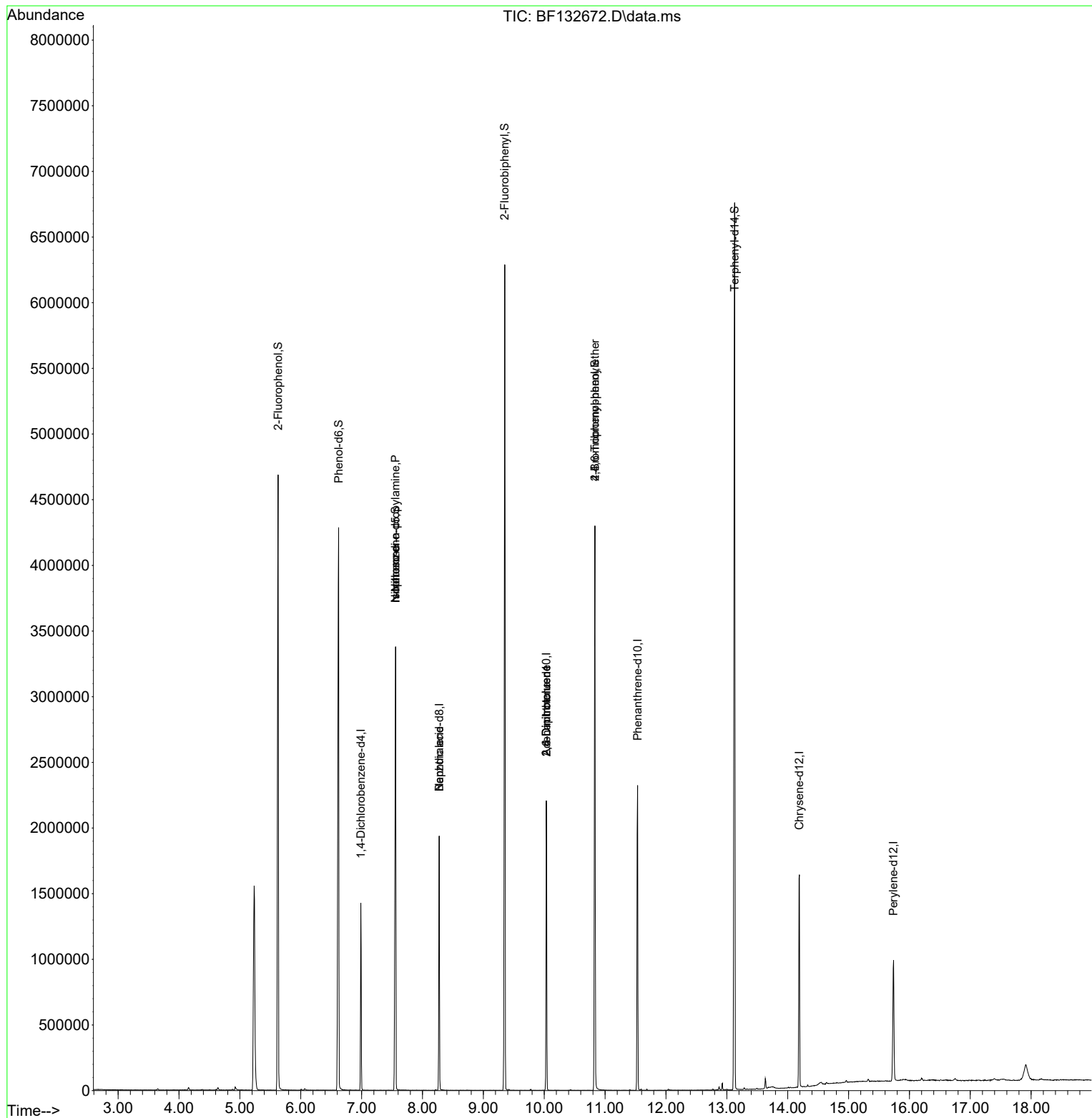
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	209071	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	779703	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	438168	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	865713	20.000	ng	0.00
76) Chrysene-d12	14.192	240	581093	20.000	ng	0.00
86) Perylene-d12	15.739	264	454987	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1459199	113.274	ng	0.01
7) Phenol-d6	6.622	99	1860450	110.661	ng	0.00
23) Nitrobenzene-d5	7.557	82	1242703	75.618	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	551749	116.599	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	2014093	69.991	ng	0.00
79) Terphenyl-d14	13.127	244	2640080	76.816	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.557	70	163188	15.772	ng	# 76
25) Isophorone	7.557	82	1241494	39.403	ng	# 67
32) Benzoic acid	8.275	122	293	3.864	ng	# 1
51) 2,6-Dinitrotoluene	10.033	165	57224	7.876	ng	# 22
57) 2,4-Dinitrotoluene	10.033	165	57224	5.920	ng	# 21
67) 4-Bromophenyl-phenylether	10.833	248	35721	3.648	ng	# 1

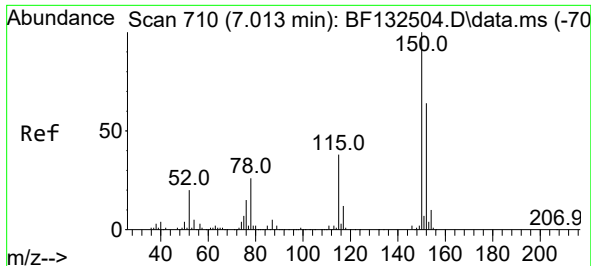
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132672.D
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Operator : CG\JU
Sample : PB151052BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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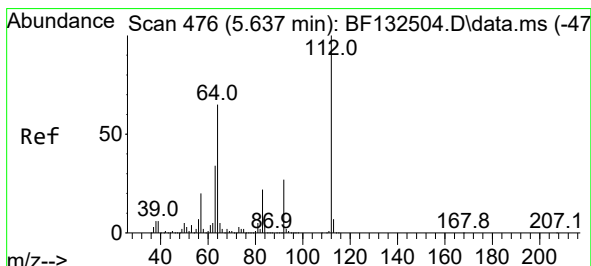
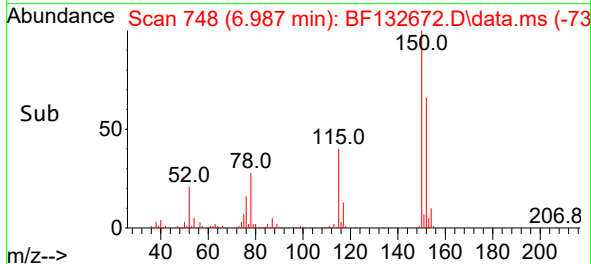
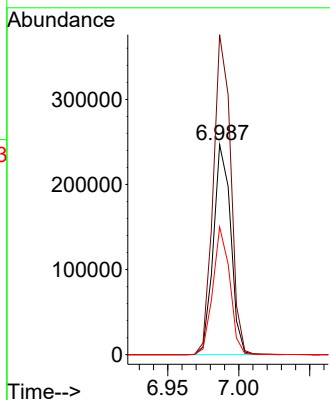
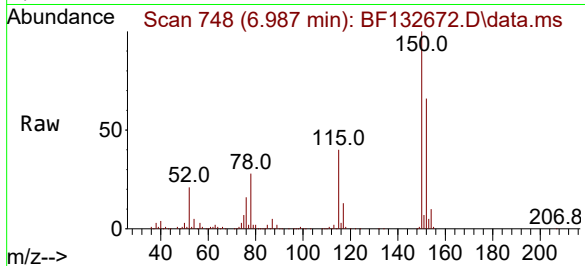




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

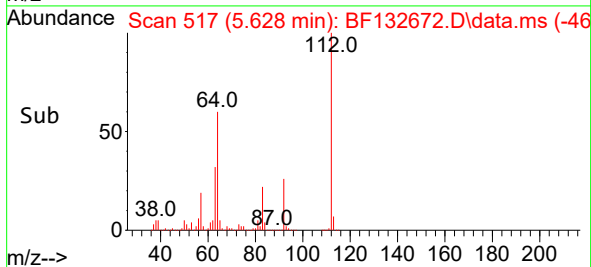
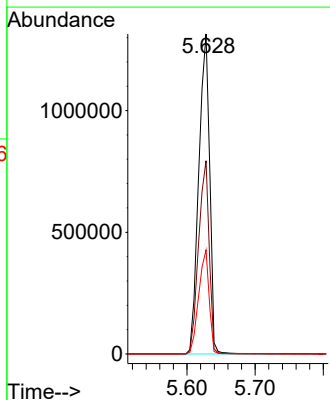
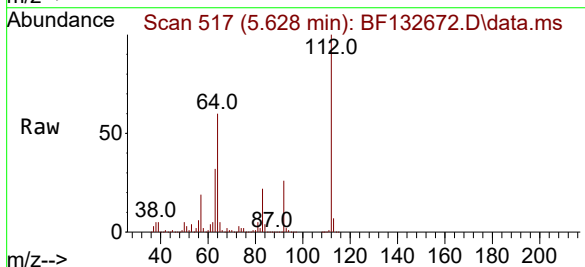
Instrument :
BNA_F
ClientSampleId :
PB151052BL

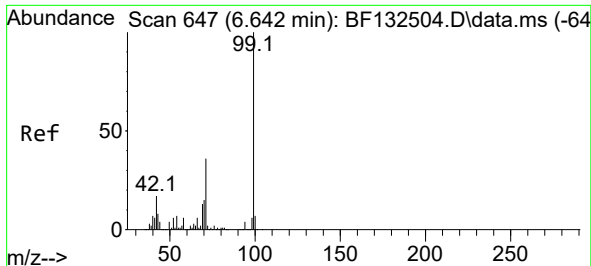
Tgt Ion:152 Resp: 209071
Ion Ratio Lower Upper
152 100
150 152.3 125.4 188.2
115 60.8 47.8 71.6



#5
2-Fluorophenol
Concen: 113.274 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

Tgt Ion:112 Resp: 1459199
Ion Ratio Lower Upper
112 100
64 60.4 51.6 77.4
63 32.5 27.4 41.2

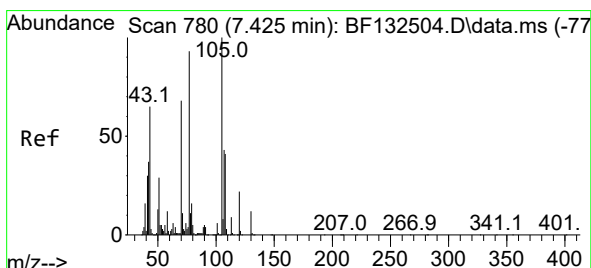
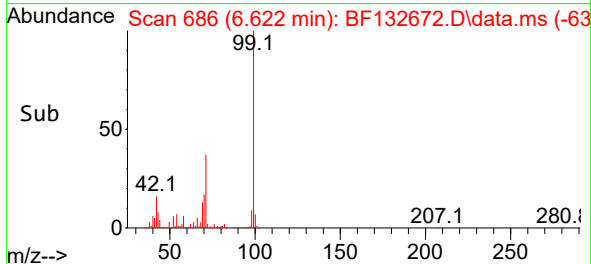
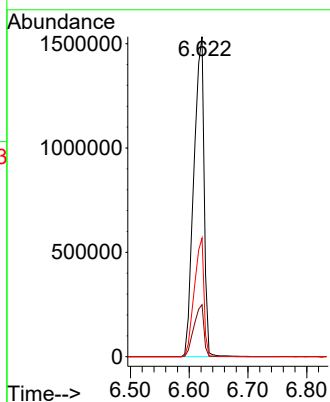
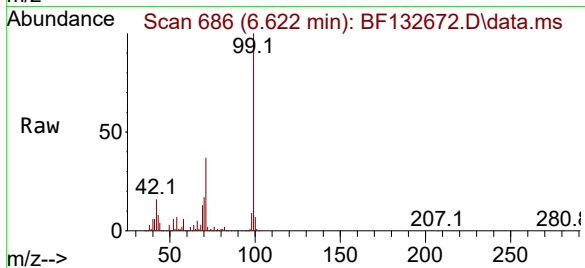




#7
Phenol-d6
Concen: 110.661 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

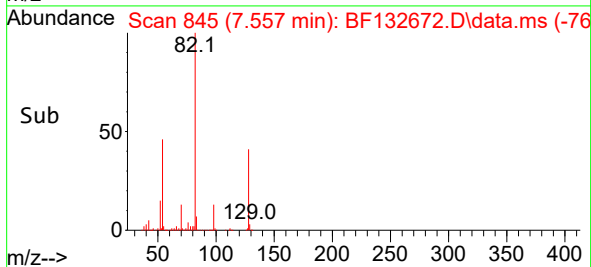
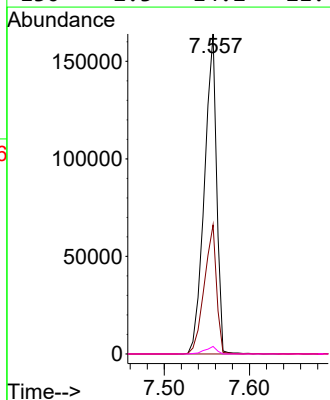
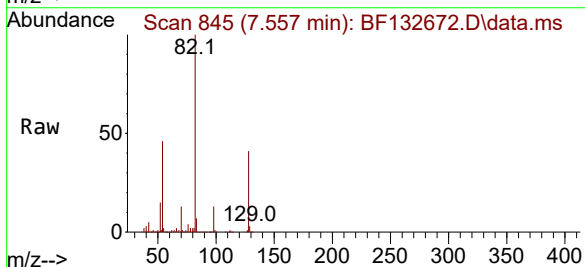
Instrument :
BNA_F
ClientSampleId :
PB151052BL

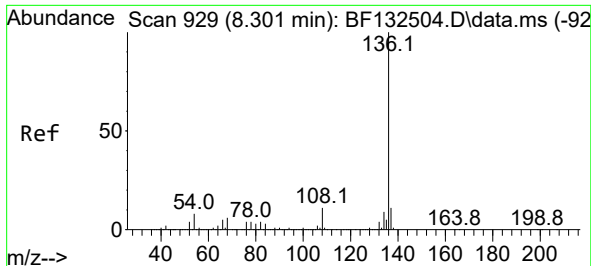
Tgt Ion: 99 Resp: 1860450
Ion Ratio Lower Upper
99 100
42 16.3 13.9 20.9
71 37.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.772 ng
RT: 7.557 min Scan# 845
Delta R.T. 0.153 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

Tgt Ion: 70 Resp: 163188
Ion Ratio Lower Upper
70 100
42 40.4 44.1 66.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.4#

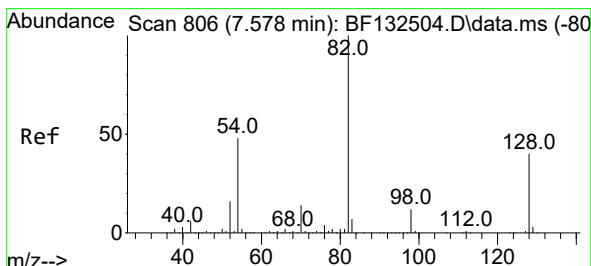
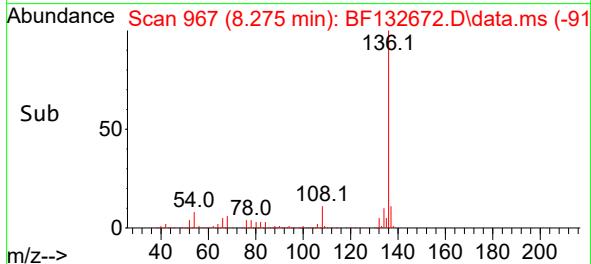
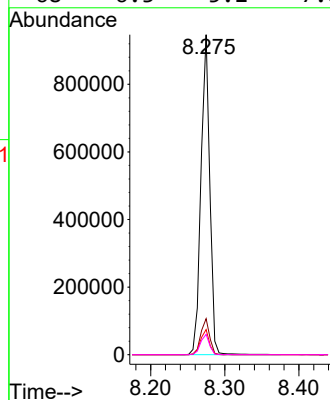
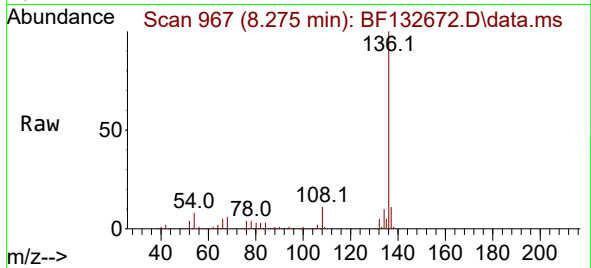




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

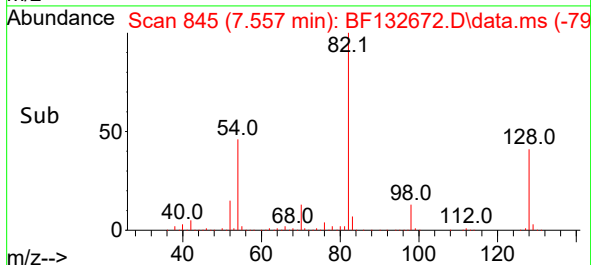
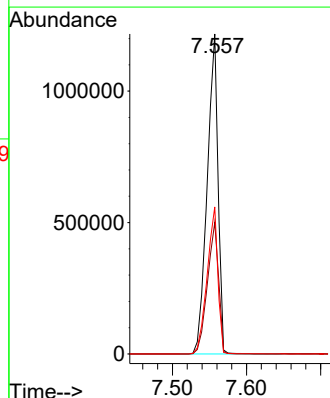
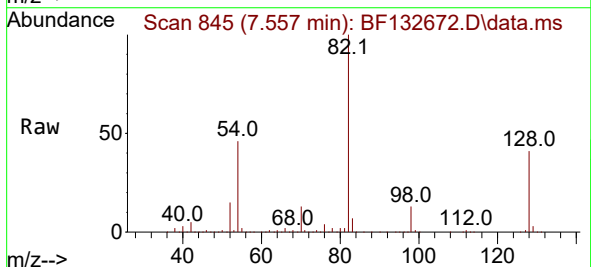
Instrument :
BNA_F
ClientSampleId :
PB151052BL

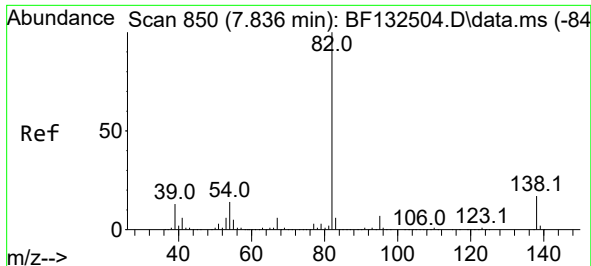
Tgt Ion:136 Resp: 779703
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.8 6.2 9.4
68 6.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 75.618 ng
RT: 7.557 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

Tgt Ion: 82 Resp: 1242703
Ion Ratio Lower Upper
82 100
128 41.1 32.2 48.2
54 46.0 38.4 57.6

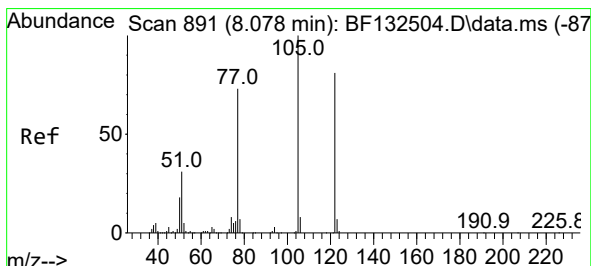
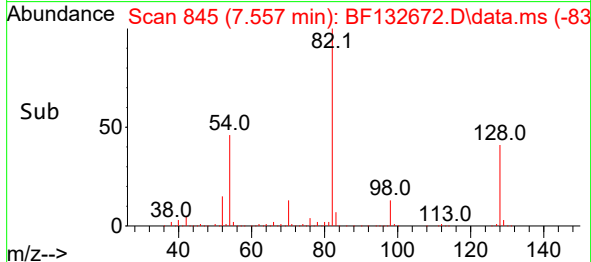
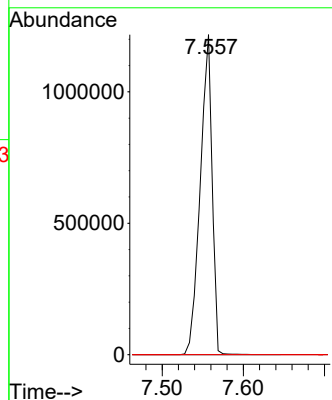
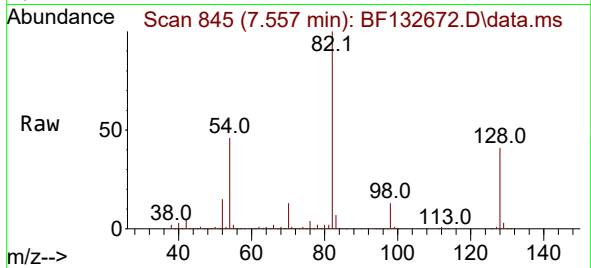




#25
Isophorone
Concen: 39.403 ng
RT: 7.557 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

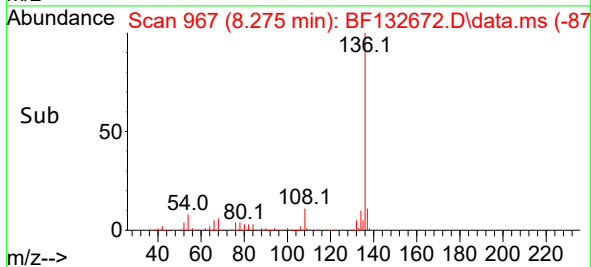
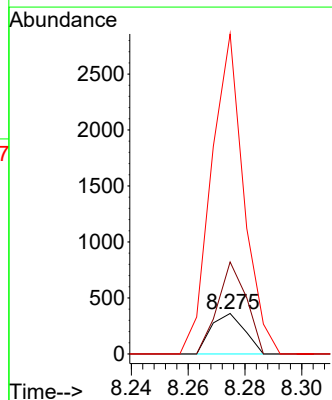
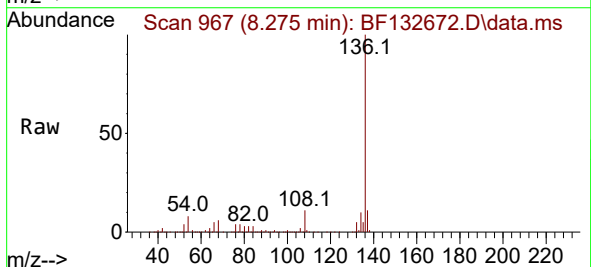
Instrument :
BNA_F
ClientSampleId :
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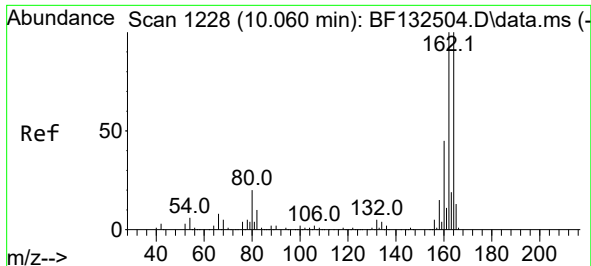
Tgt Ion: 82 Resp: 1241494
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.864 ng
RT: 8.275 min Scan# 967
Delta R.T. 0.218 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

Tgt Ion:122 Resp: 293
Ion Ratio Lower Upper
122 100
105 227.1 102.6 142.6#
77 789.5 70.2 110.2#

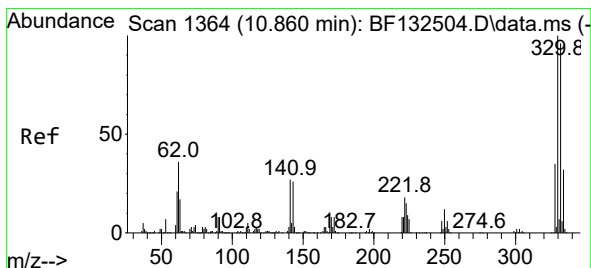
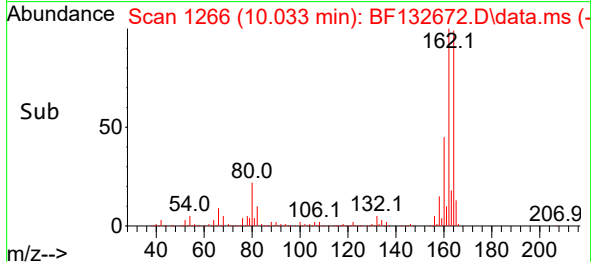
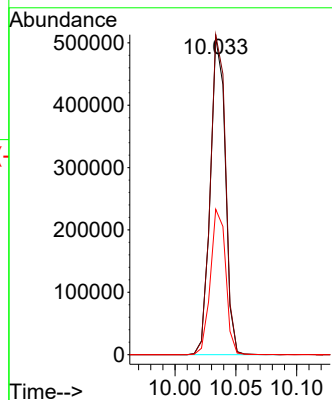
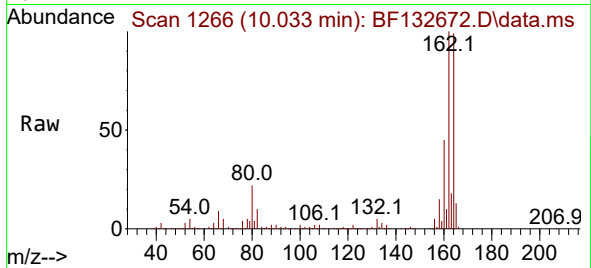




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

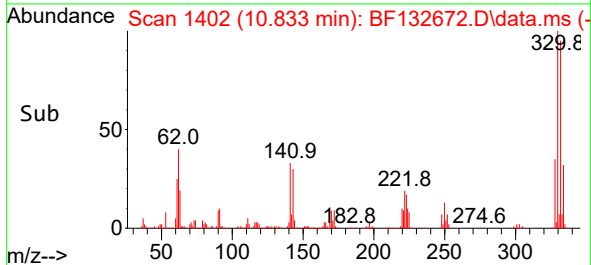
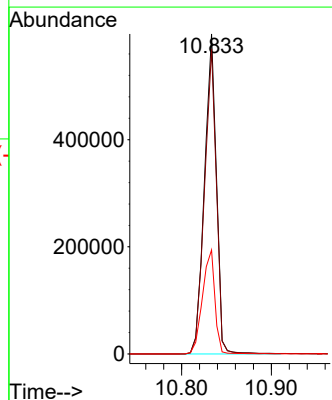
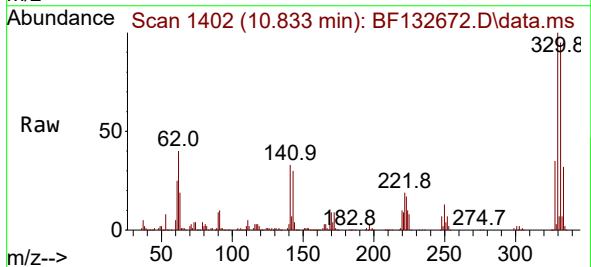
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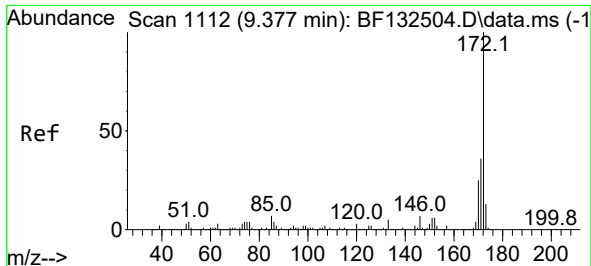
Tgt Ion:164 Resp: 438168
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 45.8 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 116.599 ng
RT: 10.833 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

Tgt Ion:330 Resp: 551749
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 33.9 28.4 42.6

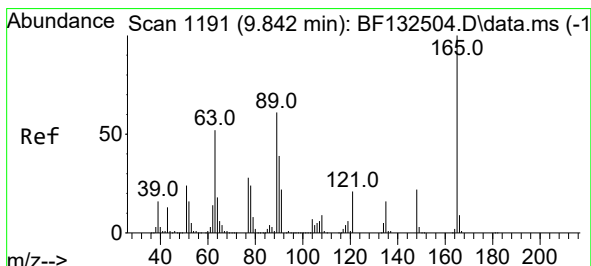
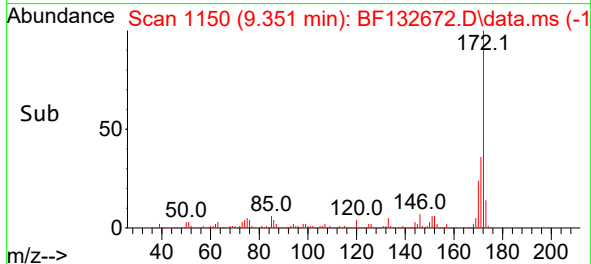
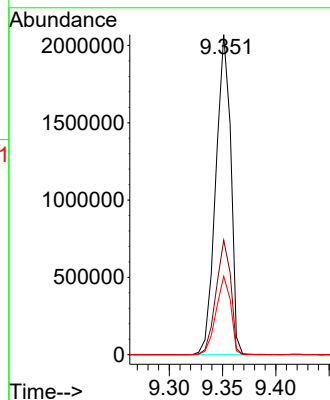
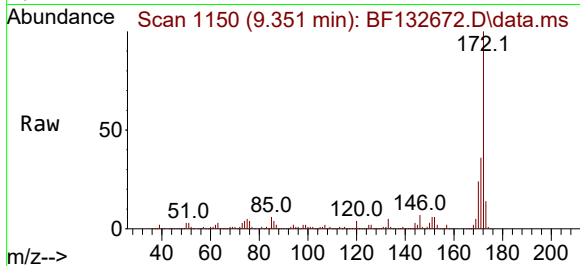




#45
2-Fluorobiphenyl
Concen: 69.991 ng
RT: 9.351 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

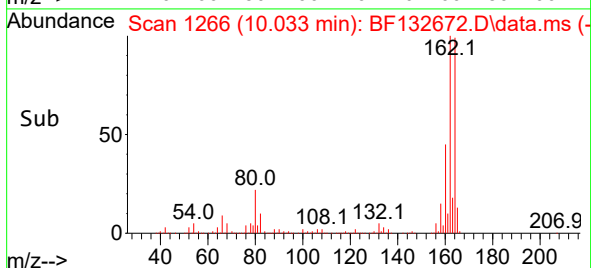
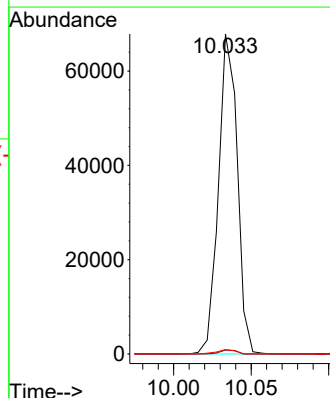
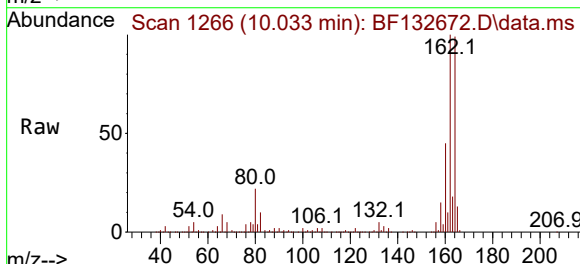
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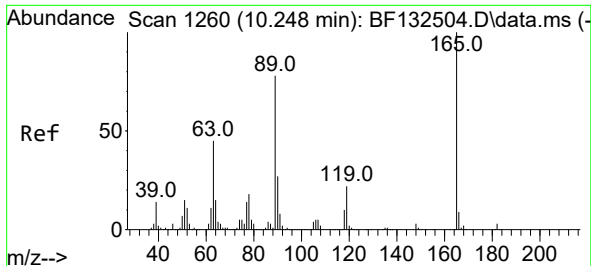
Tgt Ion:172 Resp: 2014093
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.5 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.876 ng
RT: 10.033 min Scan# 1266
Delta R.T. 0.212 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

Tgt Ion:165 Resp: 57224
Ion Ratio Lower Upper
165 100
63 1.2 47.3 70.9#
89 1.4 48.9 73.3#

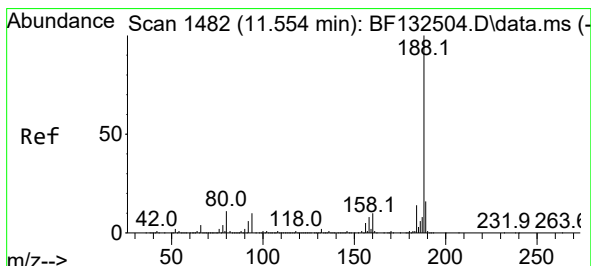
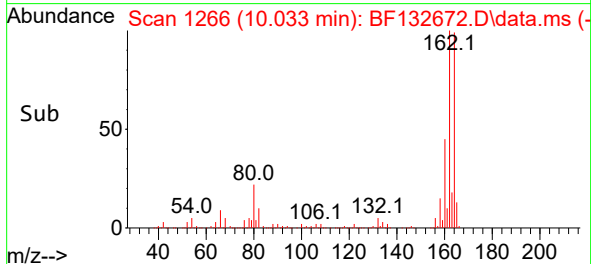
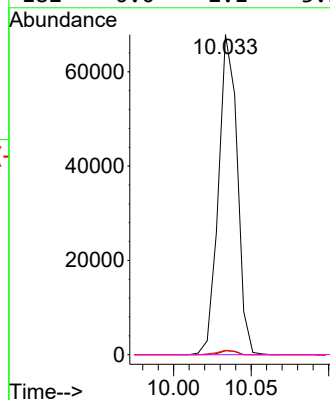
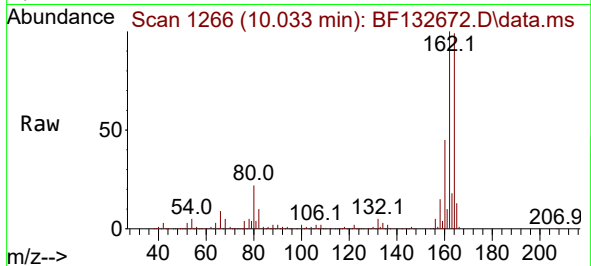




#57
2,4-Dinitrotoluene
Concen: 5.920 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

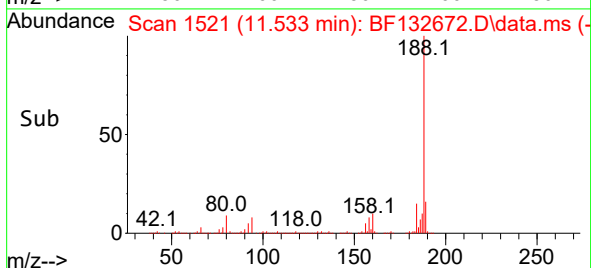
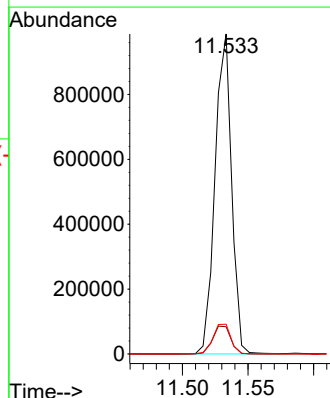
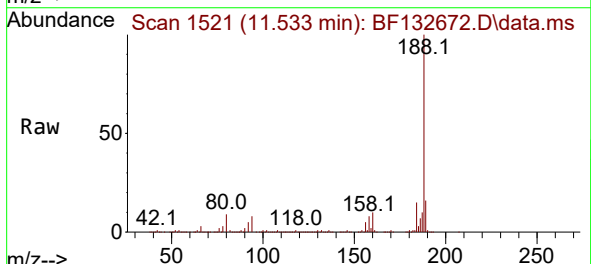
Instrument :
BNA_F
ClientSampleId :
PB151052BL

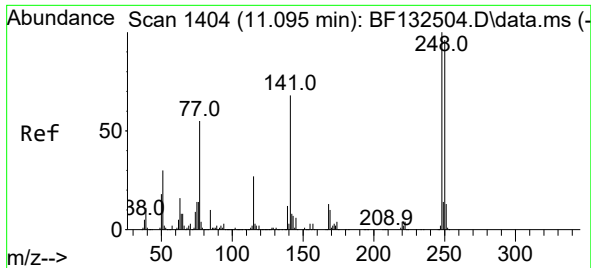
Tgt Ion:165 Resp: 57224
Ion Ratio Lower Upper
165 100
63 1.2 36.5 54.7#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.533 min Scan# 1521
Delta R.T. -0.000 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

Tgt Ion:188 Resp: 865713
Ion Ratio Lower Upper
188 100
94 8.5 8.3 12.5
80 9.3 8.7 13.1

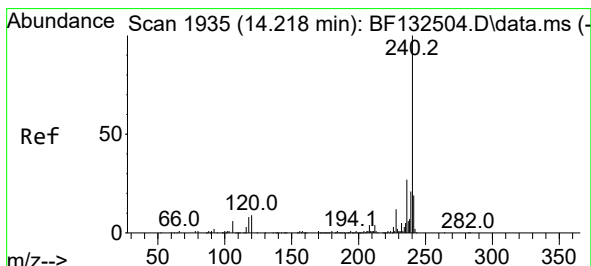
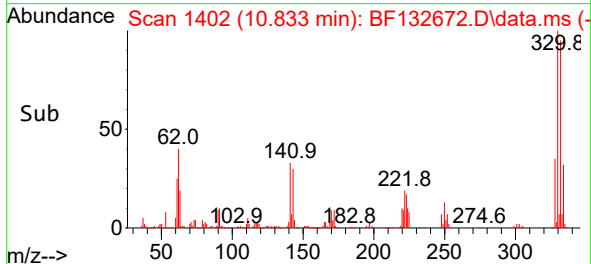
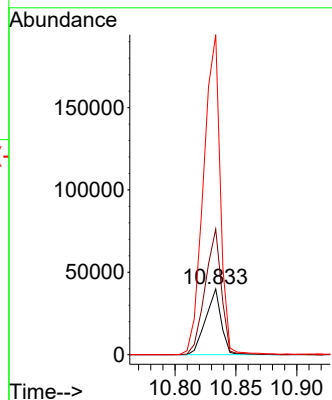
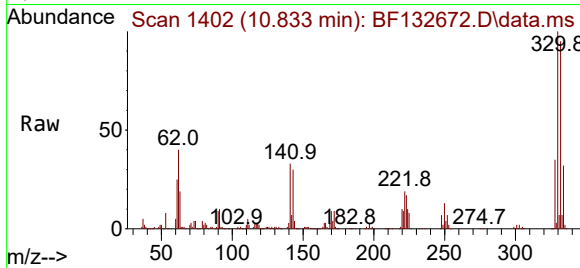




#67
4-Bromophenyl-phenylether
Concen: 3.648 ng
RT: 10.833 min Scan# 1402
Delta R.T. -0.241 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

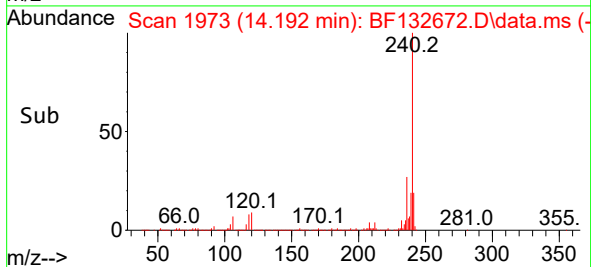
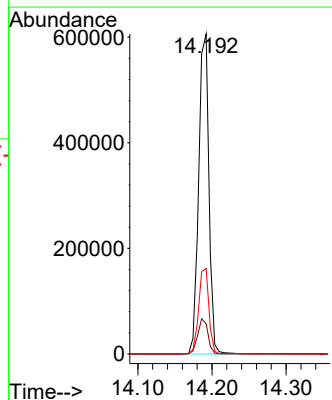
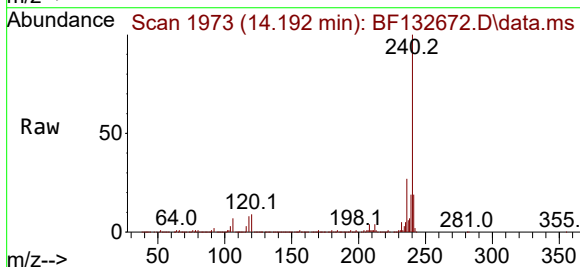
Instrument :
BNA_F
ClientSampleId :
PB151052BL

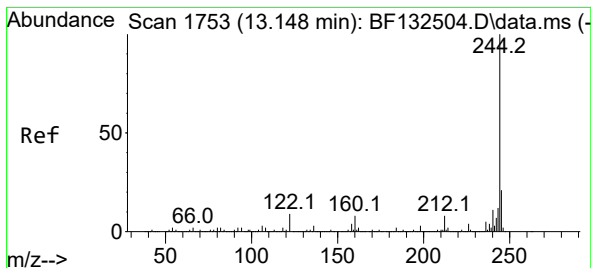
Tgt Ion:248 Resp: 35721
Ion Ratio Lower Upper
248 100
250 190.8 77.0 115.4#
141 486.1 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.192 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF132672.D
Acq: 07 Mar 2023 11:28

Tgt Ion:240 Resp: 581093
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 26.7 21.8 32.6





#79

Terphenyl-d14

Concen: 76.816 ng

RT: 13.127 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF132672.D

Acq: 07 Mar 2023 11:28

Instrument :

BNA_F

ClientSampleId :

PB151052BL

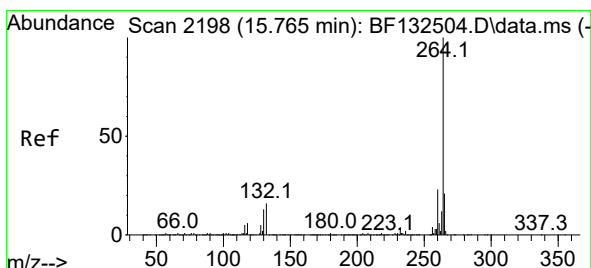
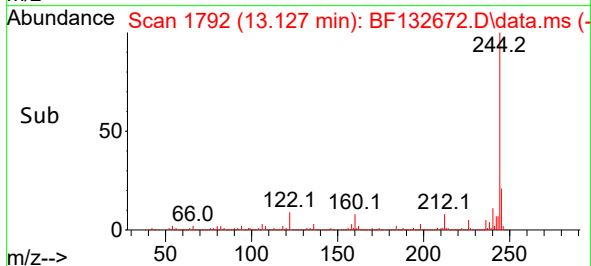
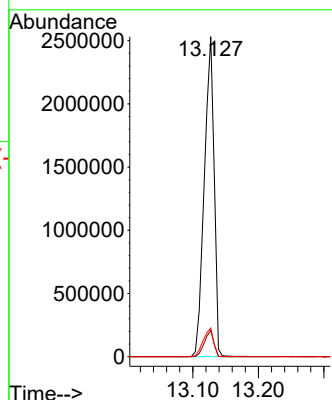
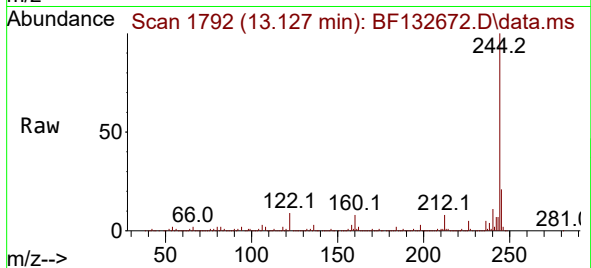
Tgt Ion:244 Resp: 2640080

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.0 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.739 min Scan# 2236

Delta R.T. -0.000 min

Lab File: BF132672.D

Acq: 07 Mar 2023 11:28

Tgt Ion:264 Resp: 454987

Ion Ratio Lower Upper

264 100

260 25.4 18.8 28.2

265 21.7 17.1 25.7

