

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132509.D
 Acq On : 22 Feb 2023 17:03
 Operator : CG\JU
 Sample : PB150924TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150924TB

Quant Time: Feb 23 01:17:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

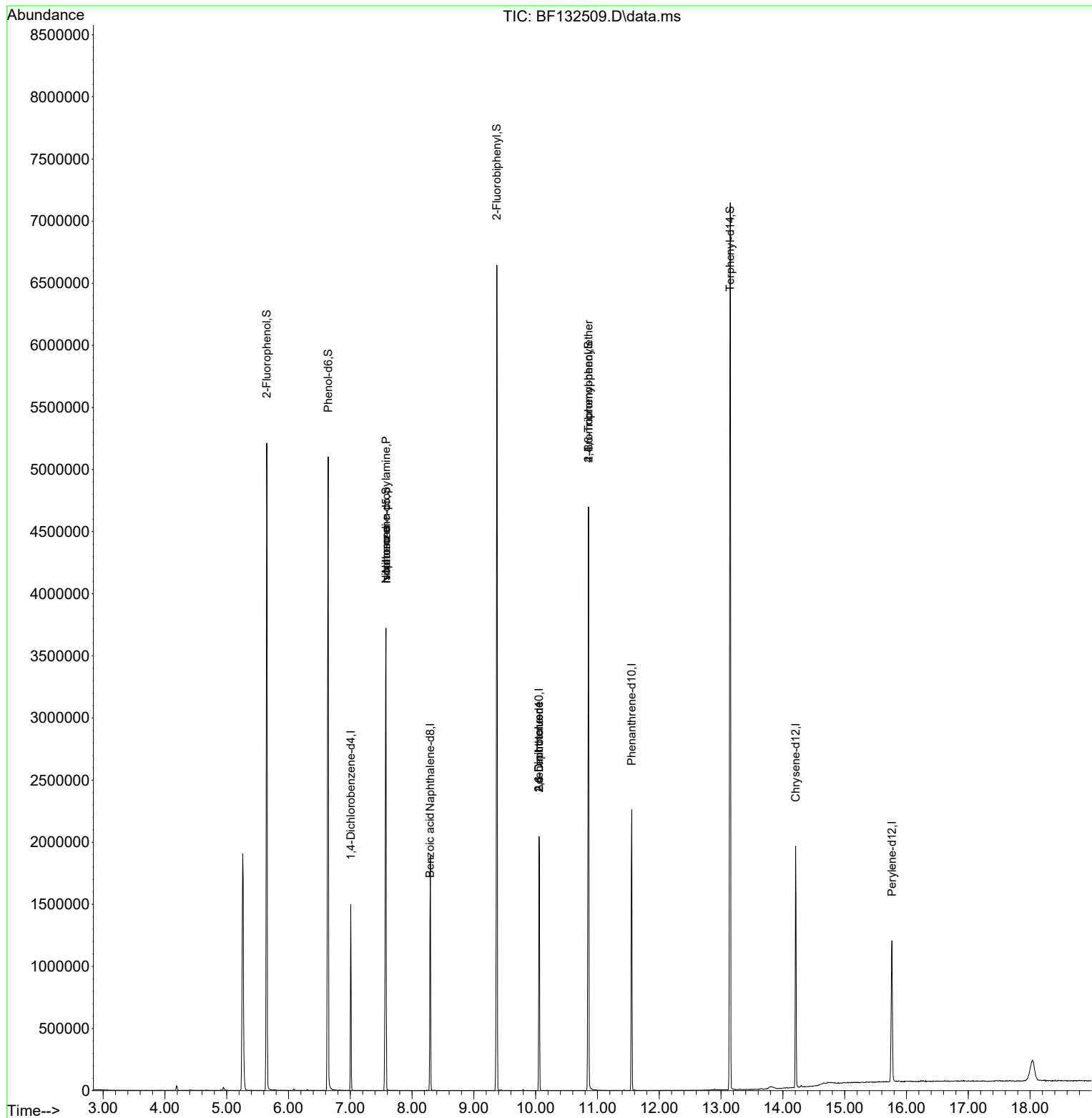
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	200602	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	753615	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	417198	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	812158	20.000	ng	0.00
76) Chrysene-d12	14.207	240	647509	20.000	ng	#-0.01
86) Perylene-d12	15.765	264	581105	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1573719	127.322	ng	0.01
7) Phenol-d6	6.643	99	2060909	127.760	ng	0.00
23) Nitrobenzene-d5	7.578	82	1398581	88.049	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	579953	128.719	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	2199450	80.274	ng	0.00
79) Terphenyl-d14	13.148	244	2854753	74.542	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.578	70	190924	19.231	ng	# 76
25) Isophorone	7.578	82	1395440	45.822	ng	# 67
32) Benzoic acid	8.289	122	171	3.853	ng	# 1
51) 2,6-Dinitrotoluene	10.054	165	54702	7.907	ng	# 22
57) 2,4-Dinitrotoluene	10.054	165	54702	5.944	ng	# 21
67) 4-Bromophenyl-phenylether	10.854	248	38817	4.225	ng	# 1

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

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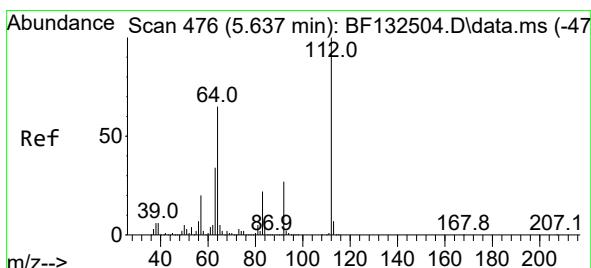
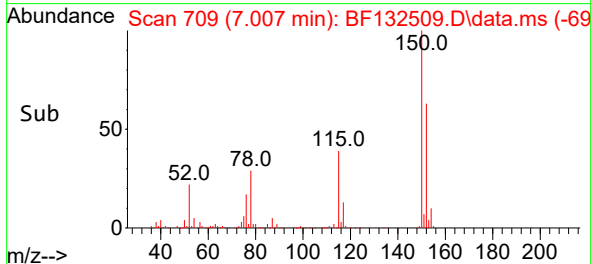
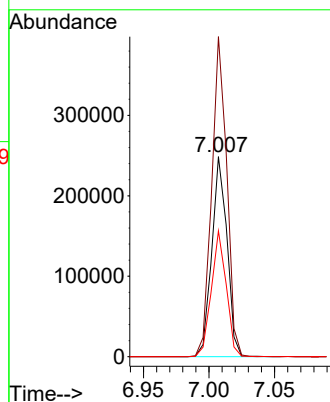
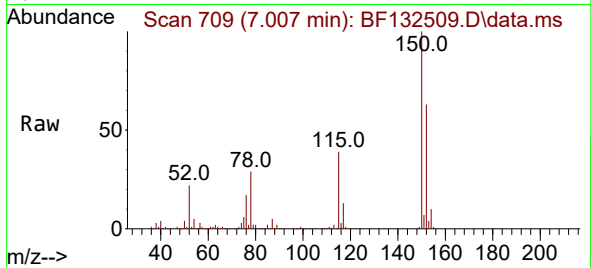




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

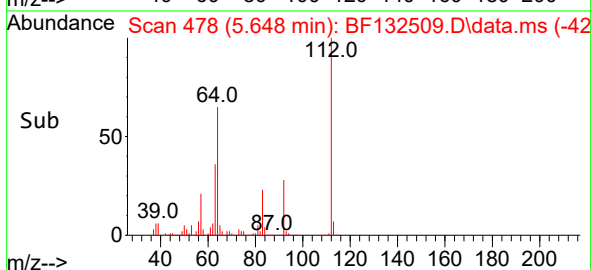
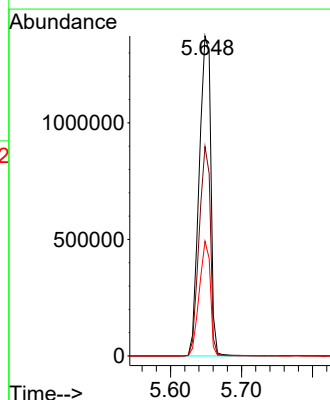
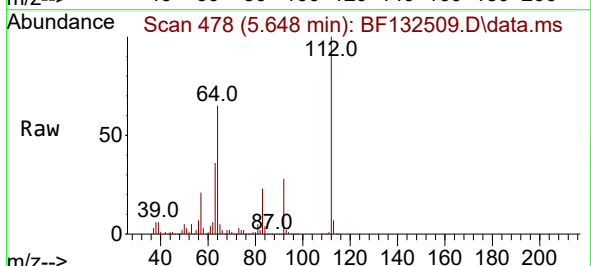
Instrument :
BNA_F
ClientSampleId :
PB150924TB

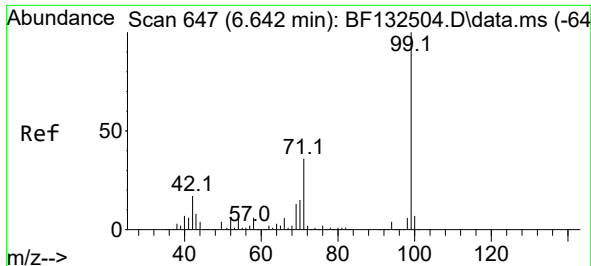
Tgt Ion:152 Resp: 200602
Ion Ratio Lower Upper
152 100
150 160.0 125.4 188.2
115 62.8 47.8 71.6



#5
2-Fluorophenol
Concen: 127.322 ng
RT: 5.648 min Scan# 478
Delta R.T. 0.012 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

Tgt Ion:112 Resp: 1573719
Ion Ratio Lower Upper
112 100
64 65.5 51.6 77.4
63 35.9 27.4 41.2

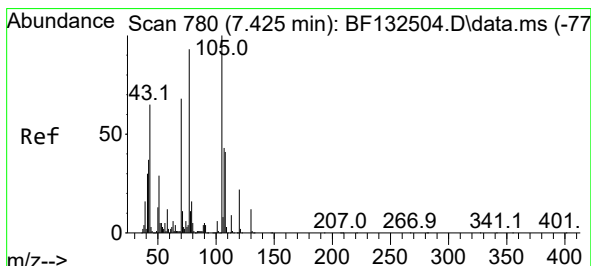
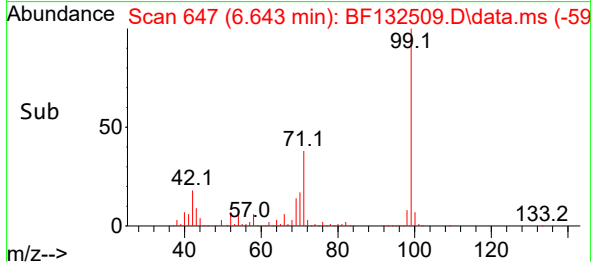
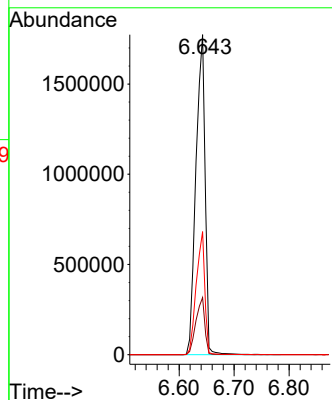
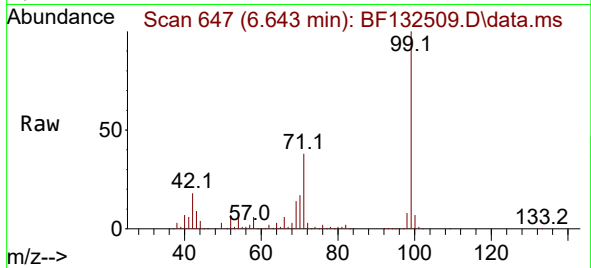




#7
Phenol-d6
Concen: 127.760 ng
RT: 6.643 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

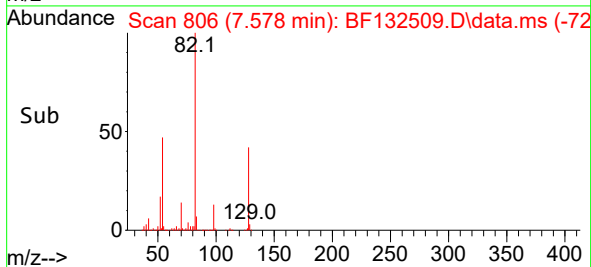
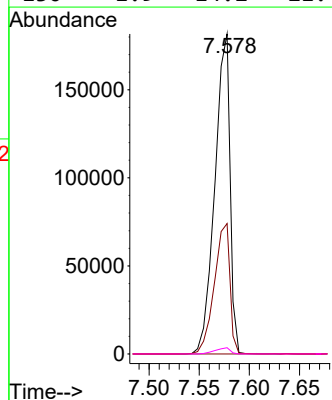
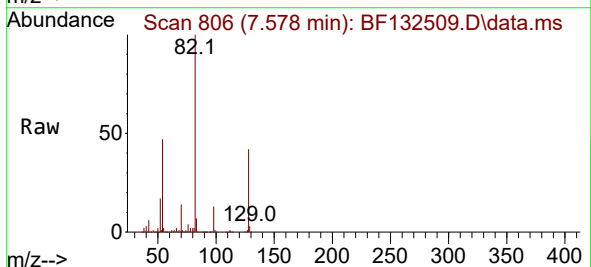
Instrument :
BNA_F
ClientSampleId :
PB150924TB

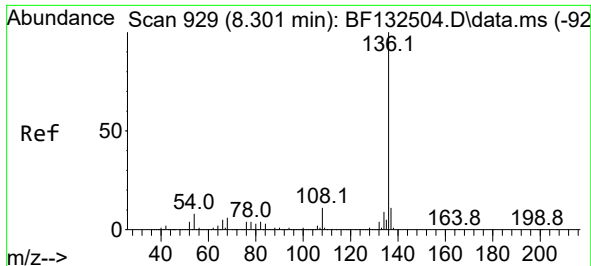
Tgt Ion: 99 Resp: 2060909
Ion Ratio Lower Upper
99 100
42 17.8 13.9 20.9
71 38.4 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.231 ng
RT: 7.578 min Scan# 806
Delta R.T. 0.153 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

Tgt Ion: 70 Resp: 190924
Ion Ratio Lower Upper
70 100
42 40.7 44.1 66.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#

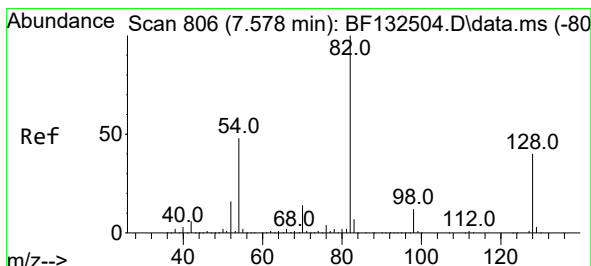
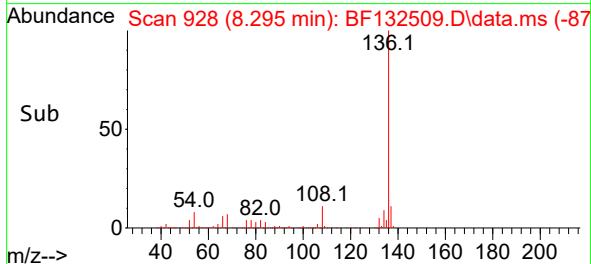
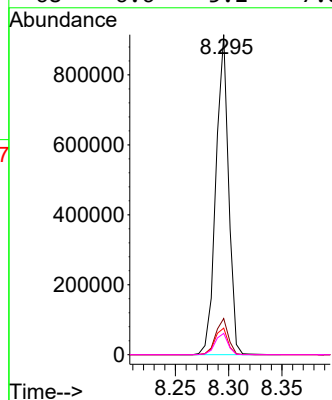
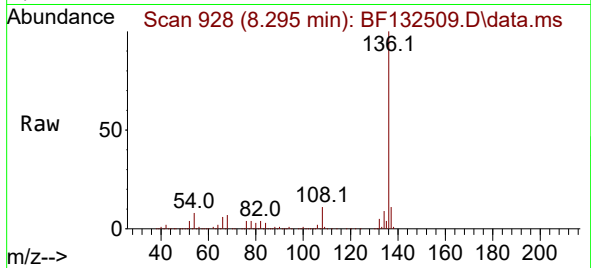




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

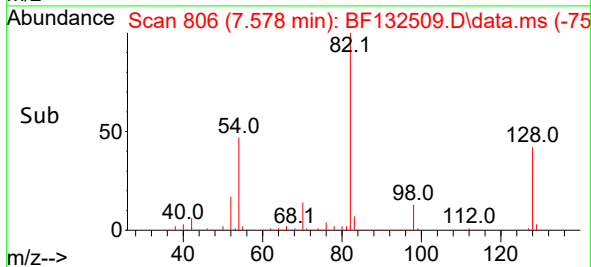
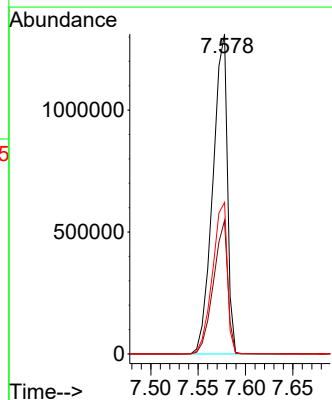
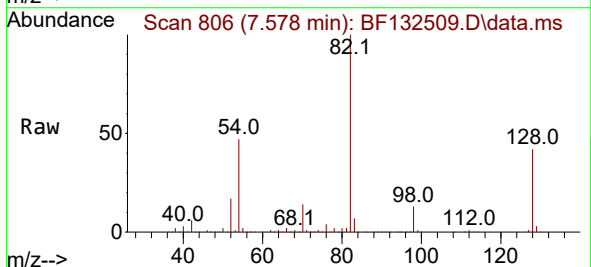
Instrument :
BNA_F
ClientSampleId :
PB150924TB

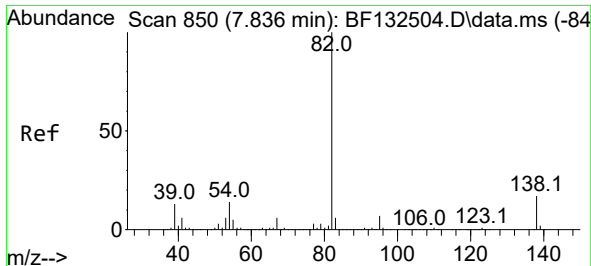
Tgt Ion:136 Resp: 753615
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 8.3 6.2 9.4
68 6.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 88.049 ng
RT: 7.578 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

Tgt Ion: 82 Resp: 1398581
Ion Ratio Lower Upper
82 100
128 41.7 32.2 48.2
54 47.3 38.4 57.6

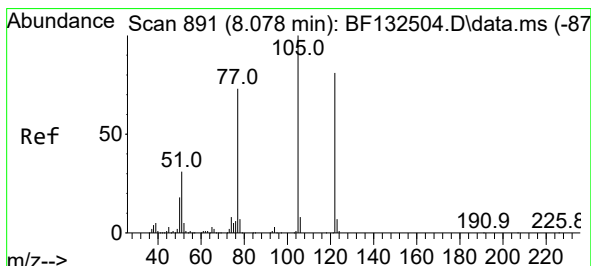
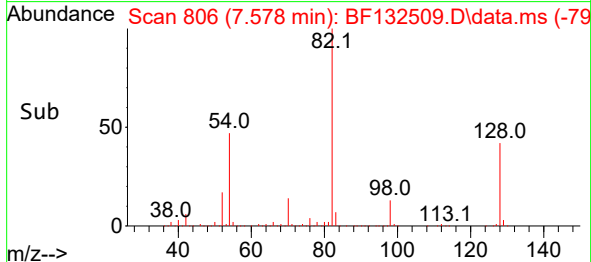
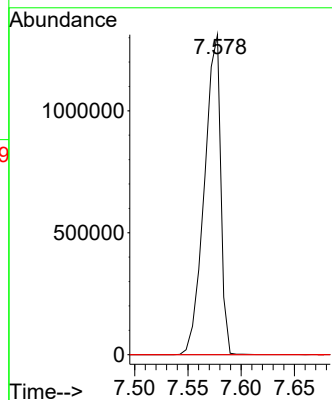
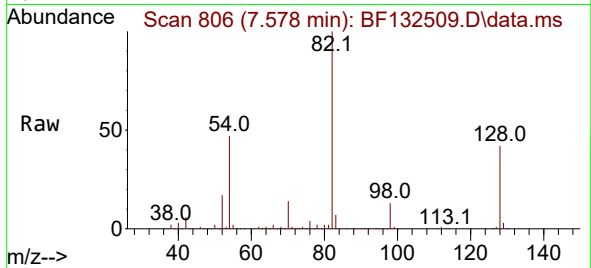




#25
Isophorone
Concen: 45.822 ng
RT: 7.578 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

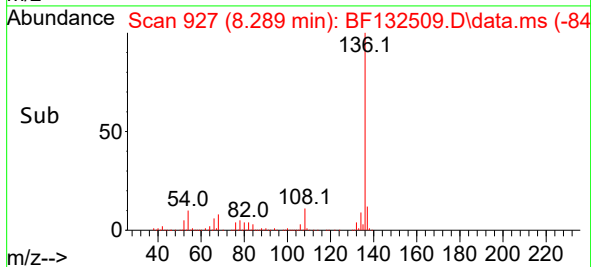
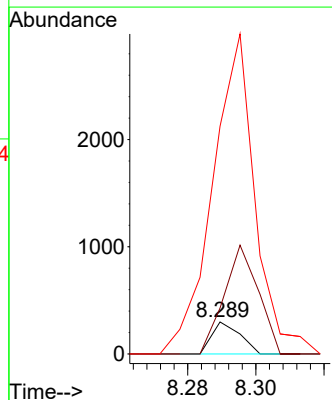
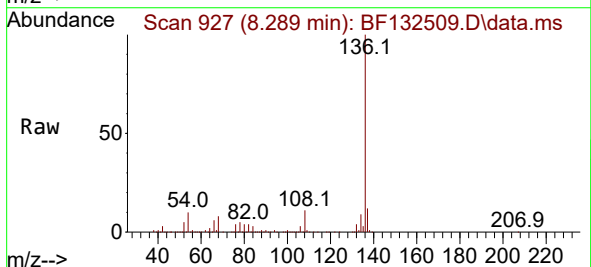
Instrument :
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ClientSampleId :
PB150924TB

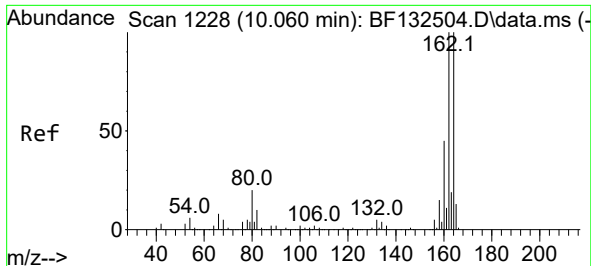
Tgt Ion: 82 Resp: 1395440
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.853 ng
RT: 8.289 min Scan# 927
Delta R.T. 0.211 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

Tgt Ion:122 Resp: 171
Ion Ratio Lower Upper
122 100
105 143.6 102.6 142.6#
77 712.8 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.054 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132509.D

Acq: 22 Feb 2023 17:03

Instrument :

BNA_F

ClientSampleId :

PB150924TB

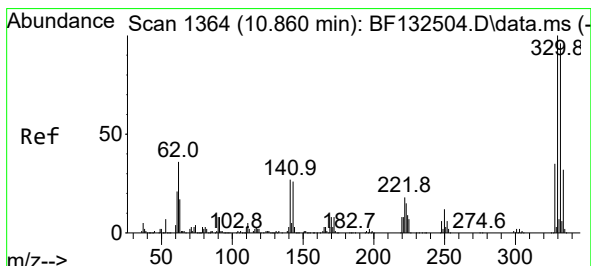
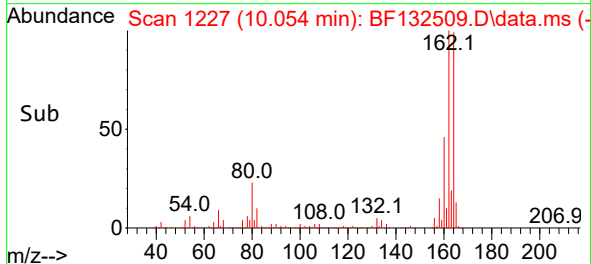
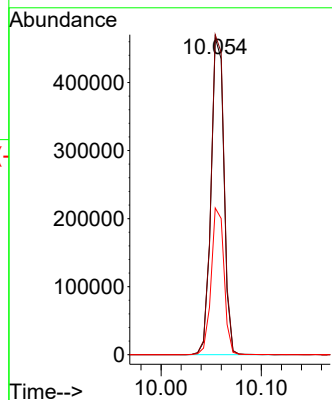
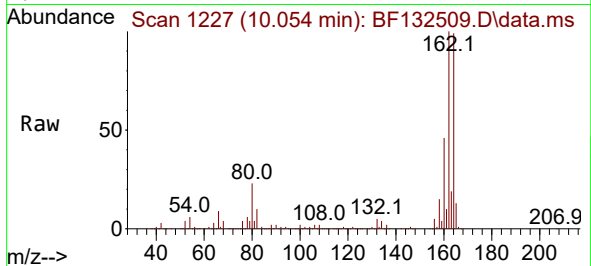
Tgt Ion:164 Resp: 417198

Ion Ratio Lower Upper

164 100

162 101.0 79.8 119.8

160 46.3 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 128.719 ng

RT: 10.854 min Scan# 1363

Delta R.T. -0.006 min

Lab File: BF132509.D

Acq: 22 Feb 2023 17:03

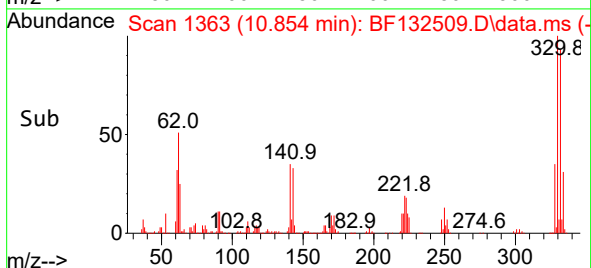
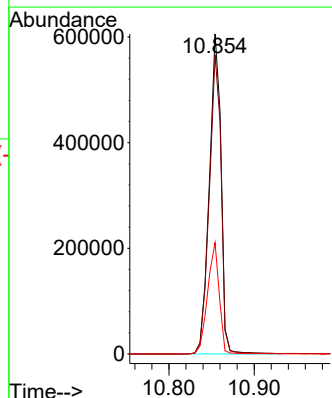
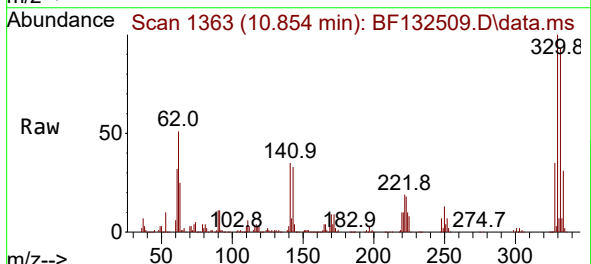
Tgt Ion:330 Resp: 579953

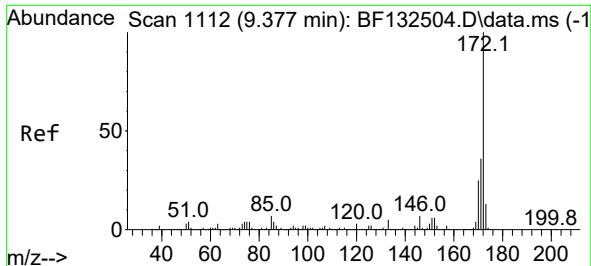
Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 34.5 28.4 42.6

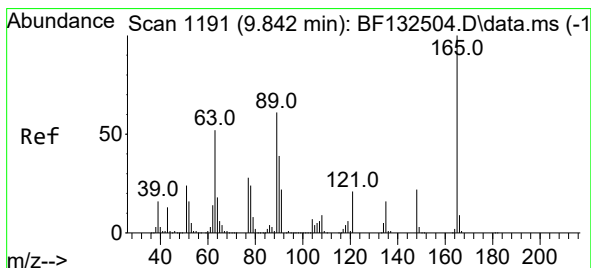
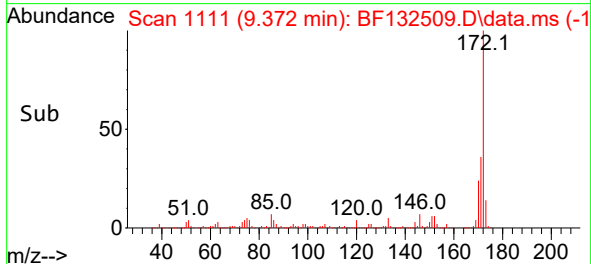
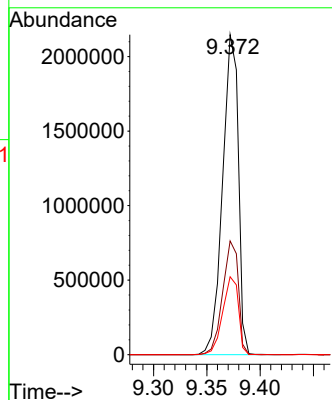
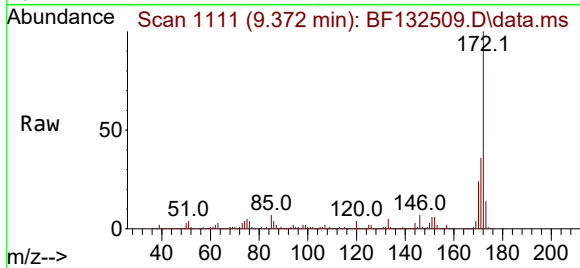




#45
2-Fluorobiphenyl
Concen: 80.274 ng
RT: 9.372 min Scan# 1112
Delta R.T. -0.005 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

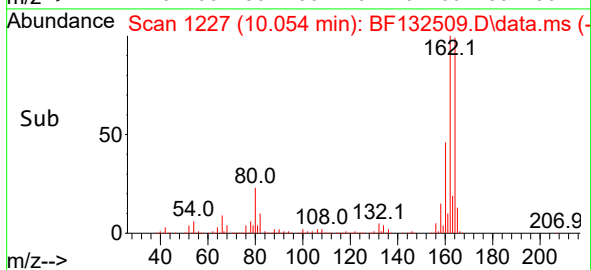
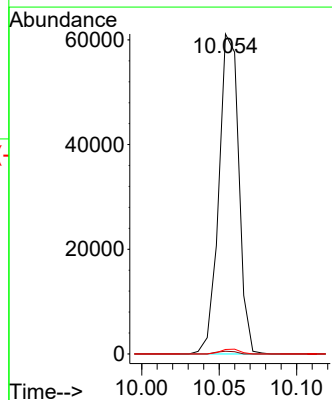
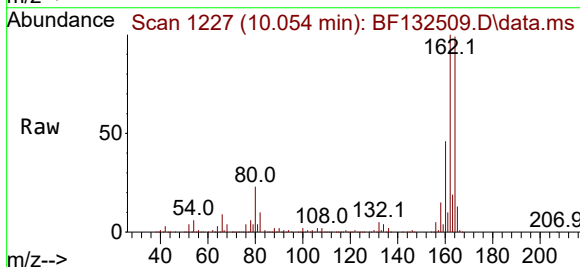
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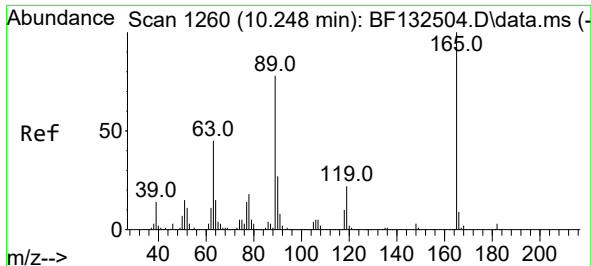
Tgt Ion:172 Resp: 2199450
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.907 ng
RT: 10.054 min Scan# 1227
Delta R.T. 0.212 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

Tgt Ion:165 Resp: 54702
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 1.4 48.9 73.3#

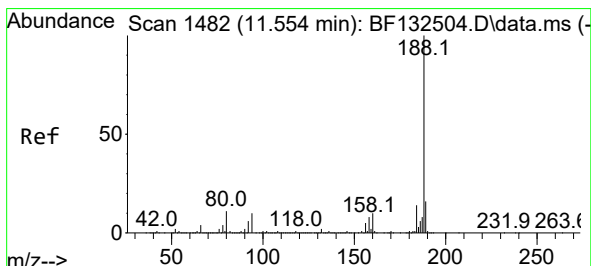
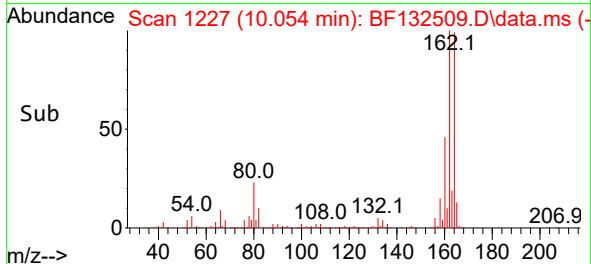
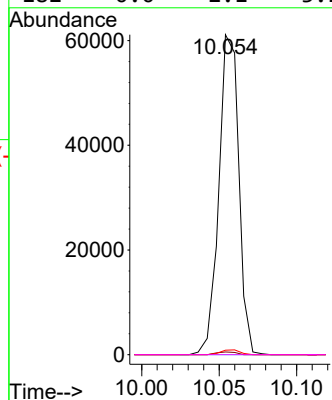
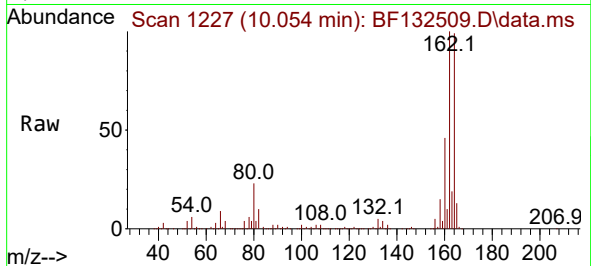




#57
2,4-Dinitrotoluene
Concen: 5.944 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.194 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

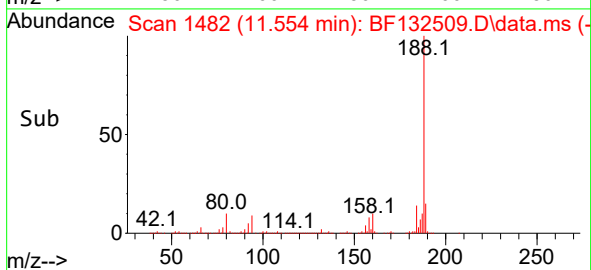
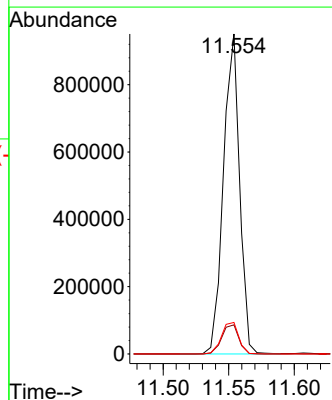
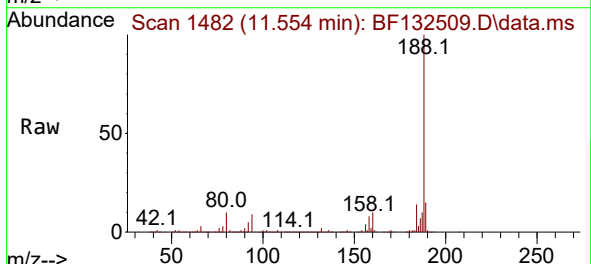
Instrument :
BNA_F
ClientSampleId :
PB150924TB

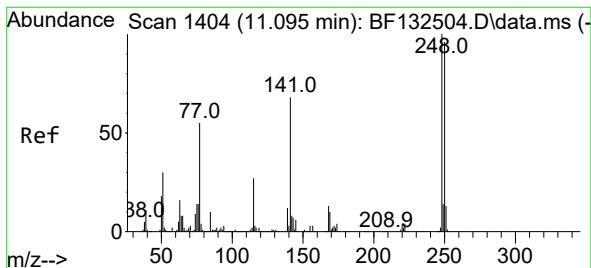
Tgt Ion:165 Resp: 54702
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

Tgt Ion:188 Resp: 812158
Ion Ratio Lower Upper
188 100
94 9.1 8.3 12.5
80 9.9 8.7 13.1

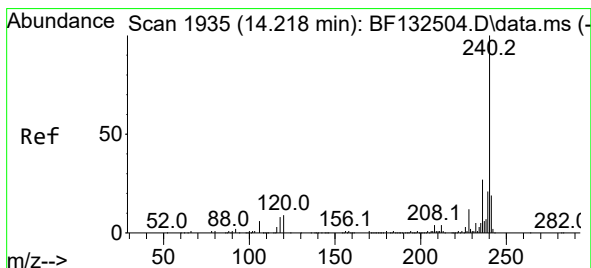
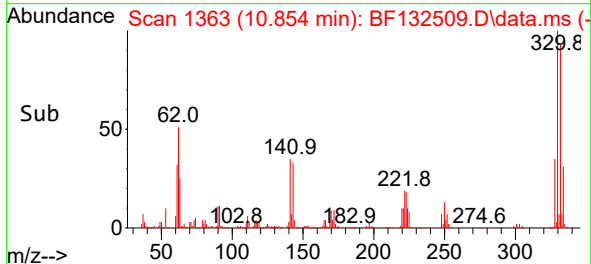
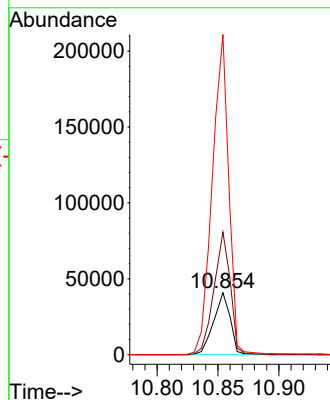
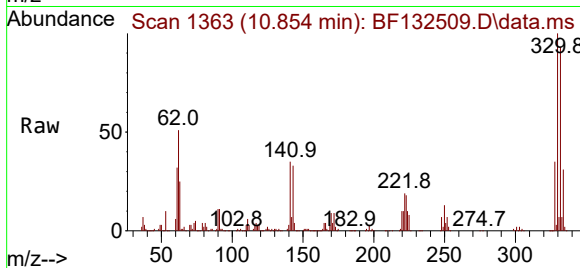




#67
4-Bromophenyl-phenylether
Concen: 4.225 ng
RT: 10.854 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

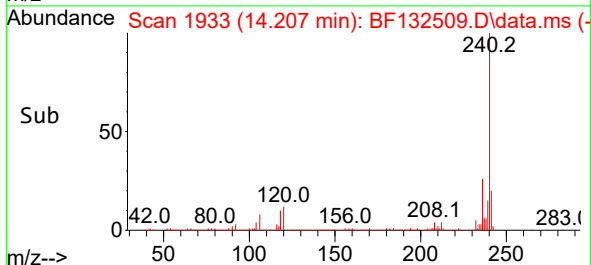
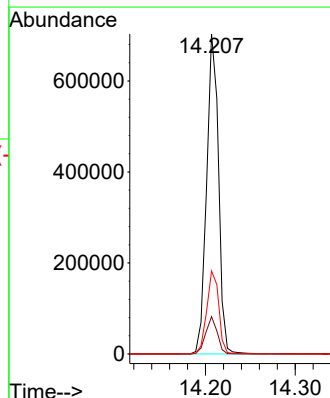
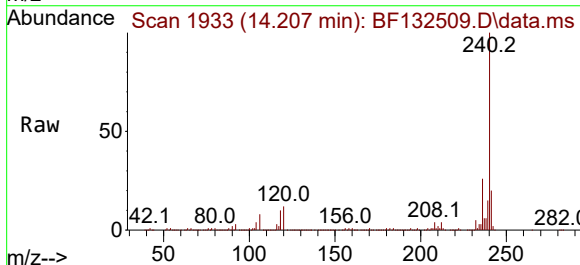
Instrument :
BNA_F
ClientSampleId :
PB150924TB

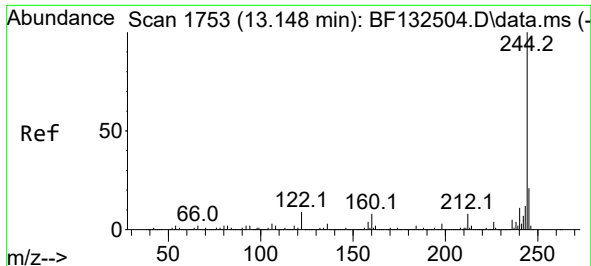
Tgt Ion:248 Resp: 38817
Ion Ratio Lower Upper
248 100
250 198.1 77.0 115.4#
141 517.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF132509.D
Acq: 22 Feb 2023 17:03

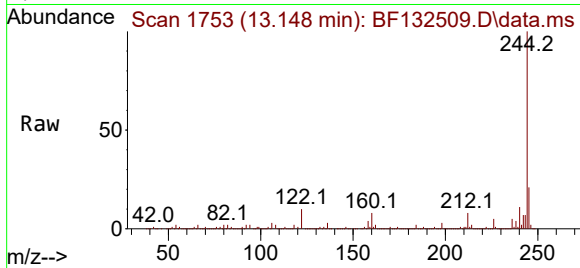
Tgt Ion:240 Resp: 647509
Ion Ratio Lower Upper
240 100
120 11.7 7.2 10.8#
236 25.9 21.8 32.6



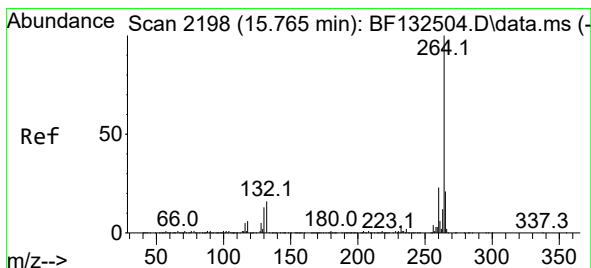
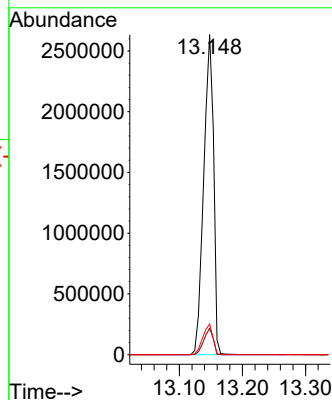
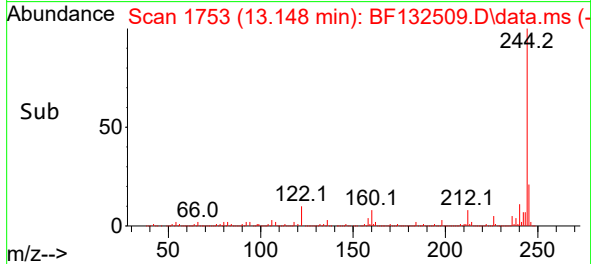


#79
 Terphenyl-d14
 Concen: 74.542 ng
 RT: 13.148 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: BF132509.D
 Acq: 22 Feb 2023 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB150924TB



Tgt Ion:244 Resp: 2854753
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.5 9.7
 122 9.6 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.765 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BF132509.D
 Acq: 22 Feb 2023 17:03

Tgt Ion:264 Resp: 581105
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 21.5 17.1 25.7

