

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132807.D
 Acq On : 15 Mar 2023 17:17
 Operator : CG\JU
 Sample : 01905-11RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAPLE-3RE

Quant Time: Mar 15 17:41:48 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 14 15:35:42 2023
 Response via : Initial Calibration

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

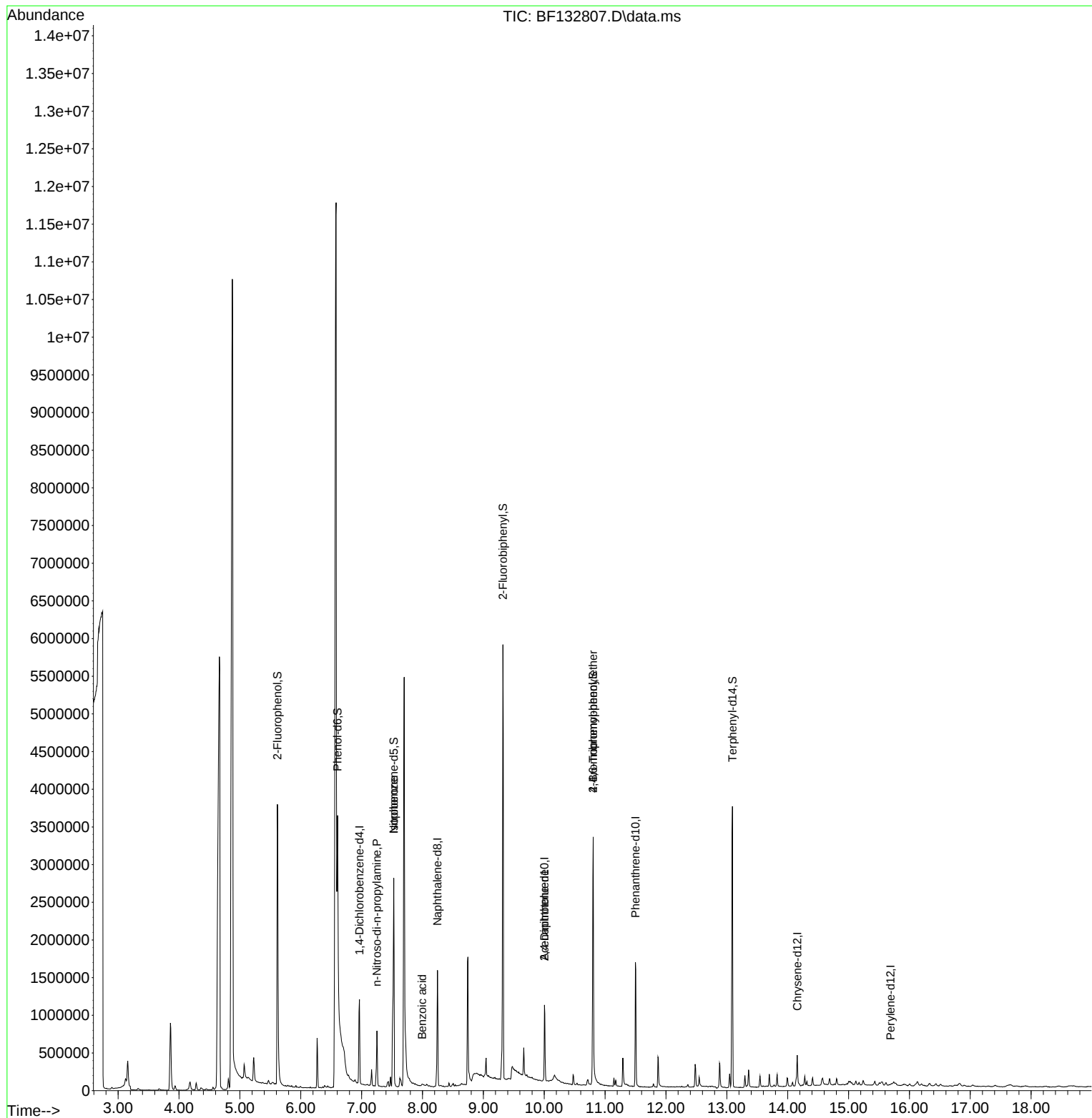
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	202850	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	734593	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	168056	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	559077	20.000	ng	0.00
76) Chrysene-d12	14.157	240	88723	20.000	ng	# 0.00
86) Perylene-d12	15.692	264	4077	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	1370228	109.630	ng	0.02
7) Phenol-d6	6.604	99	857925	52.595	ng	0.00
23) Nitrobenzene-d5	7.528	82	1242734	80.263	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	493659	271.998	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1964359	177.980	ng	0.00
79) Terphenyl-d14	13.092	244	1158485	220.766	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.251	70	34325	3.419	ng	# 59
25) Isophorone	7.528	82	1218365	41.043	ng	# 67
32) Benzoic acid	7.992	122	8951	4.742	ng	90
57) 2,4-Dinitrotoluene	10.004	165	21494	5.798	ng	# 25
67) 4-Bromophenyl-phenylether	10.804	248	31581	4.994	ng	# 1

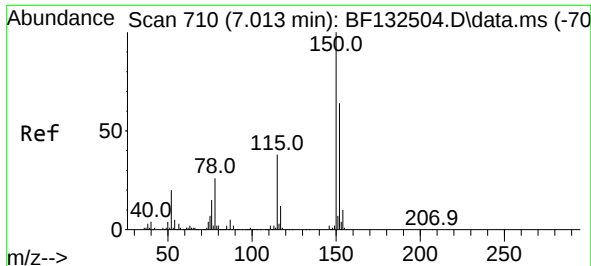
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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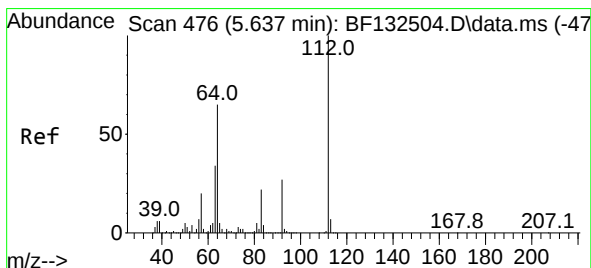
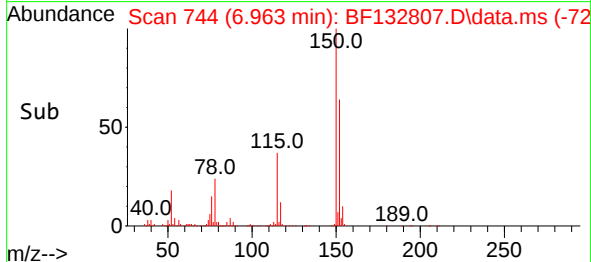
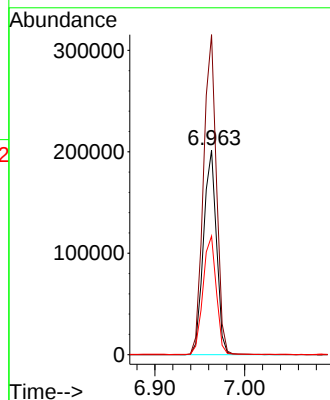
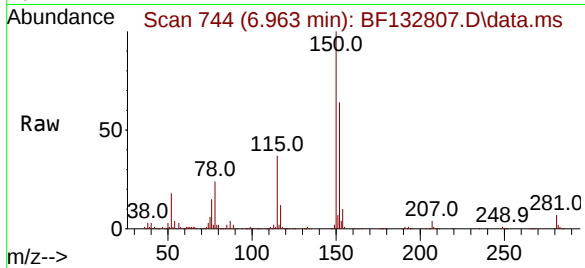




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132807.D
Acq: 15 Mar 2023 17:17

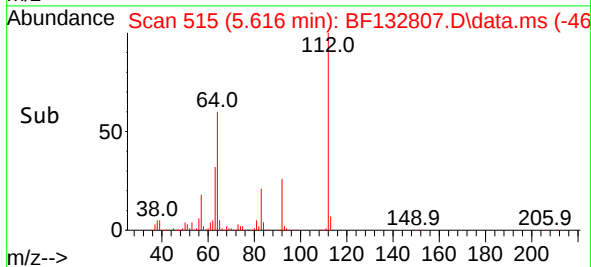
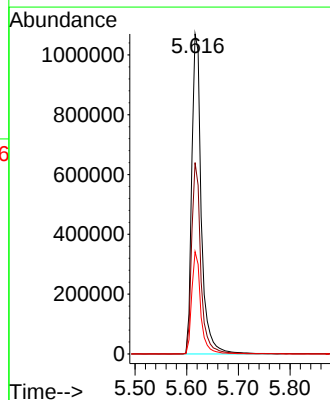
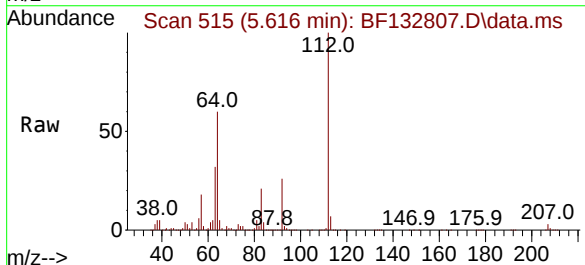
Instrument :
BNA_F
ClientSampleId :
MAPLE-3RE

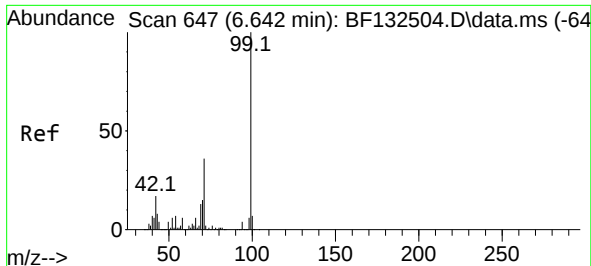
Tgt Ion:152 Resp: 202850
Ion Ratio Lower Upper
152 100
150 156.5 125.4 188.2
115 58.0 47.8 71.6



#5
2-Fluorophenol
Concen: 109.630 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.024 min
Lab File: BF132807.D
Acq: 15 Mar 2023 17:17

Tgt Ion:112 Resp: 1370228
Ion Ratio Lower Upper
112 100
64 59.8 51.6 77.4
63 31.9 27.4 41.2

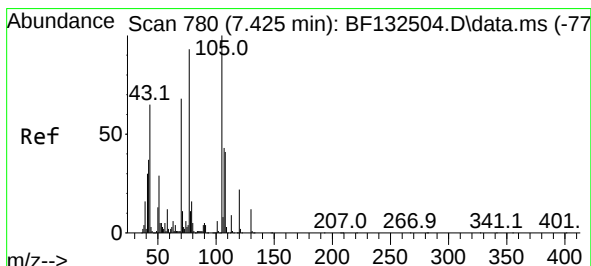
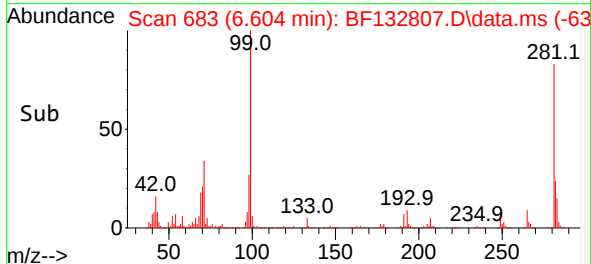
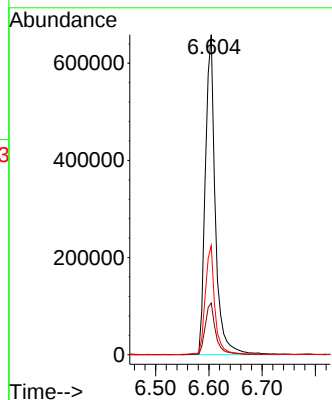
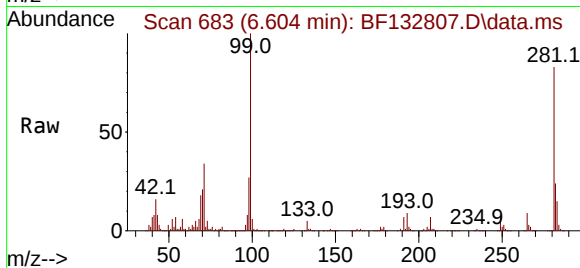




#7
Phenol-d6
Concen: 52.595 ng
RT: 6.604 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132807.D
Acq: 15 Mar 2023 17:17

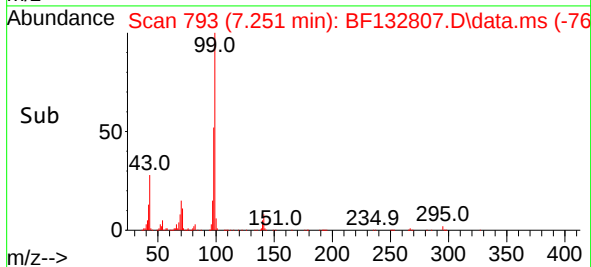
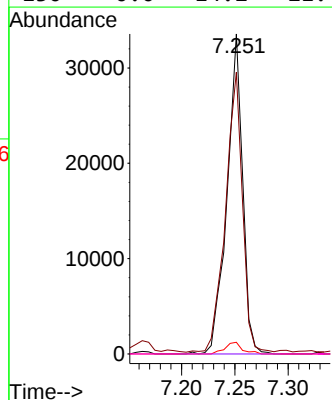
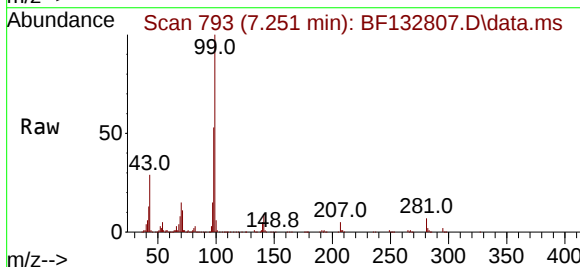
Instrument :
BNA_F
ClientSampleId :
MAPLE-3RE

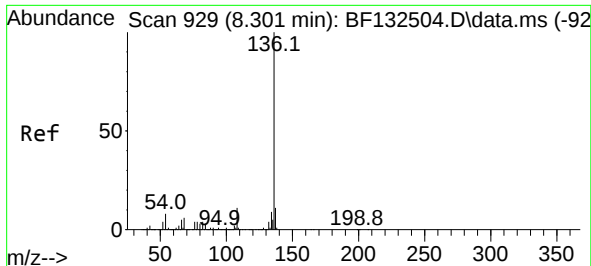
Tgt Ion: 99 Resp: 857925
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 34.0 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 3.419 ng
RT: 7.251 min Scan# 793
Delta R.T. -0.129 min
Lab File: BF132807.D
Acq: 15 Mar 2023 17:17

Tgt Ion: 70 Resp: 34325
Ion Ratio Lower Upper
70 100
42 88.1 44.1 66.1#
101 3.6 7.4 11.2#
130 0.0 14.2 21.4#

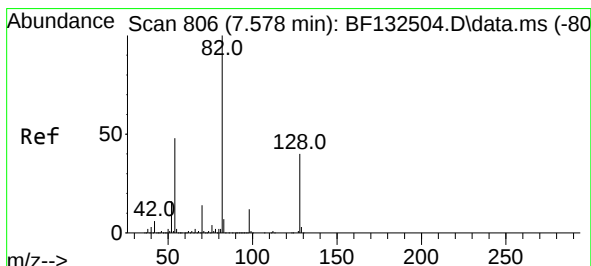
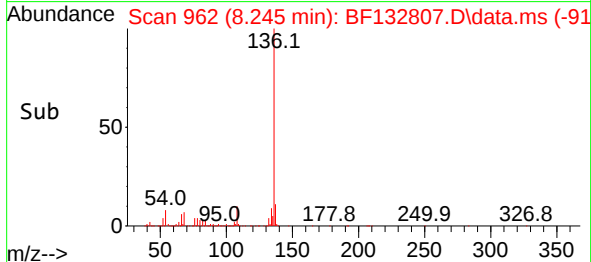
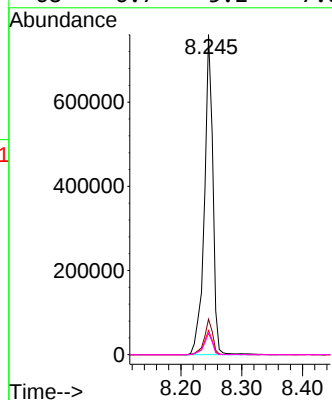
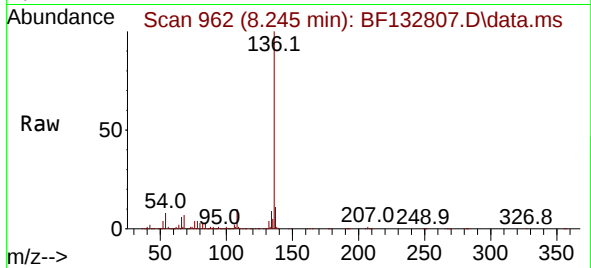




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF132807.D
Acq: 15 Mar 2023 17:17

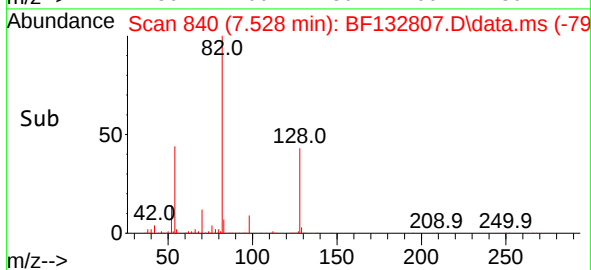
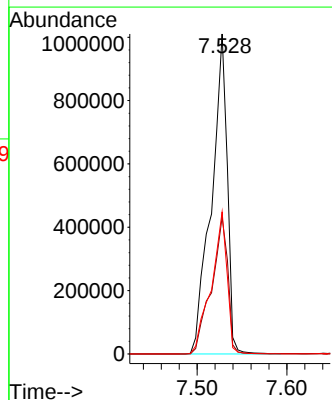
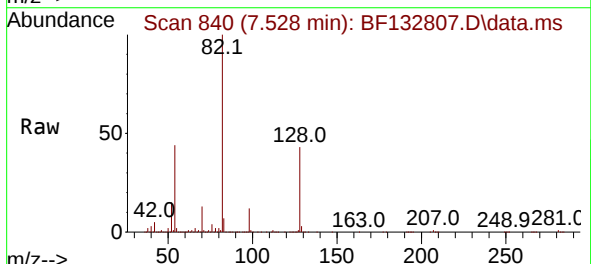
Instrument :
BNA_F
ClientSampleId :
MAPLE-3RE

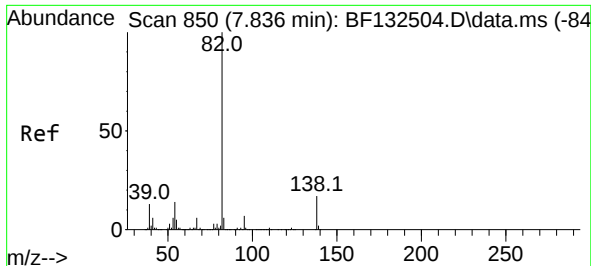
Tgt Ion:136 Resp: 734593
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 6.2 9.4
68 6.7 5.2 7.8



#23
Nitrobenzene-d5
Concen: 80.263 ng
RT: 7.528 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF132807.D
Acq: 15 Mar 2023 17:17

Tgt Ion: 82 Resp: 1242734
Ion Ratio Lower Upper
82 100
128 42.8 32.2 48.2
54 44.4 38.4 57.6

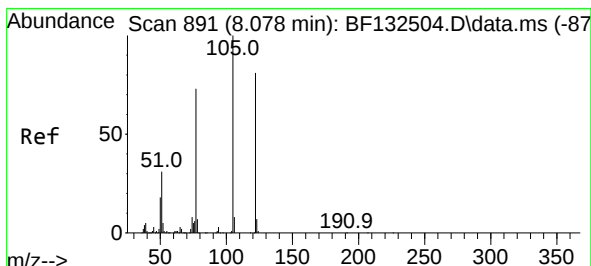
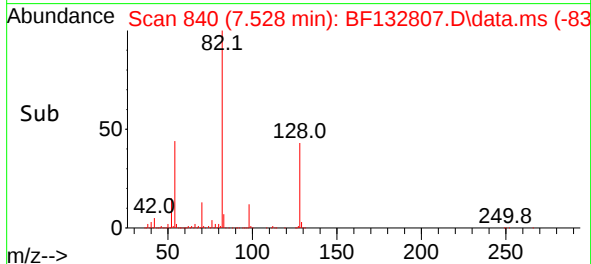
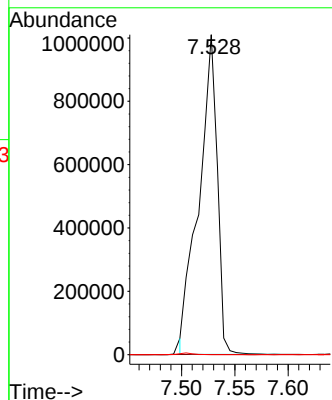
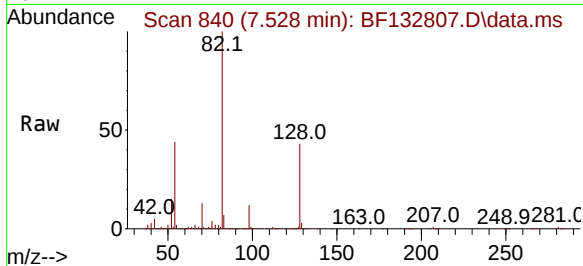




#25
Isophorone
Concen: 41.043 ng
RT: 7.528 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132807.D
Acq: 15 Mar 2023 17:17

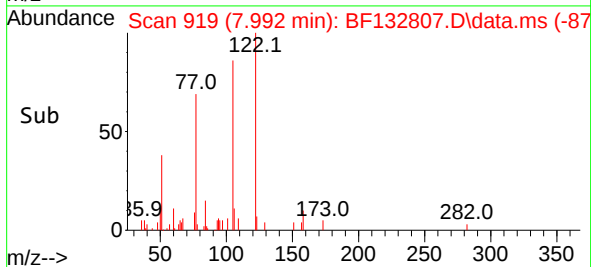
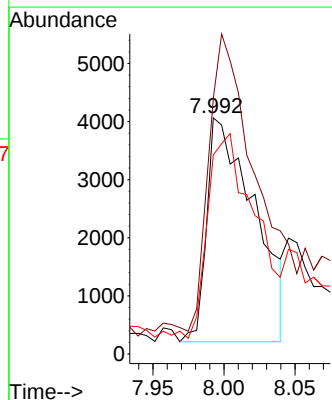
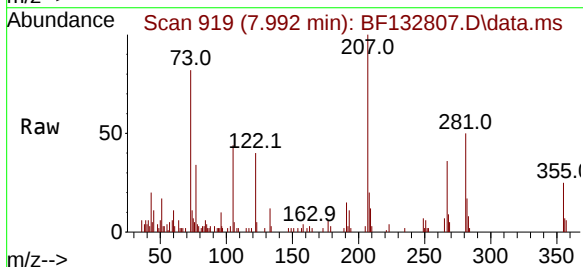
Instrument :
BNA_F
ClientSampleId :
MAPLE-3RE

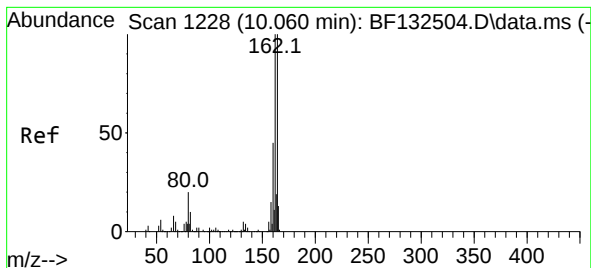
Tgt Ion: 82 Resp: 1218365
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 4.742 ng
RT: 7.992 min Scan# 919
Delta R.T. -0.041 min
Lab File: BF132807.D
Acq: 15 Mar 2023 17:17

Tgt Ion: 122 Resp: 8951
Ion Ratio Lower Upper
122 100
105 108.2 102.6 142.6
77 84.3 70.2 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132807.D

Acq: 15 Mar 2023 17:17

Instrument :

BNA_F

ClientSampleId :

MAPLE-3RE

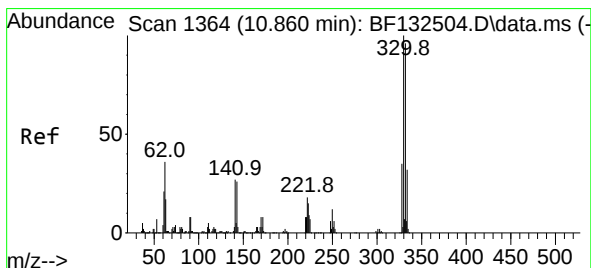
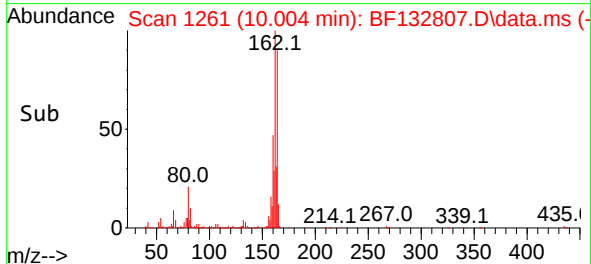
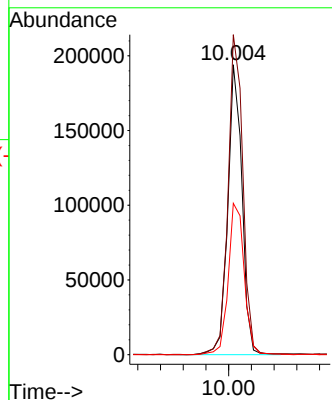
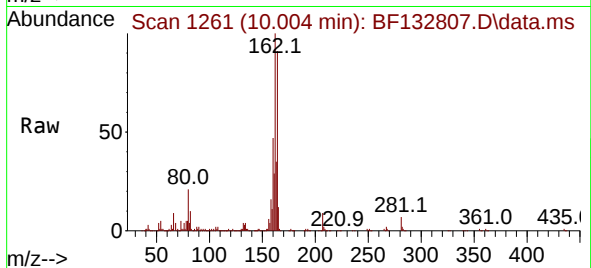
Tgt Ion:164 Resp: 168056

Ion Ratio Lower Upper

164 100

162 110.4 79.8 119.8

160 52.2 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 271.998 ng

RT: 10.804 min Scan# 1397

Delta R.T. -0.006 min

Lab File: BF132807.D

Acq: 15 Mar 2023 17:17

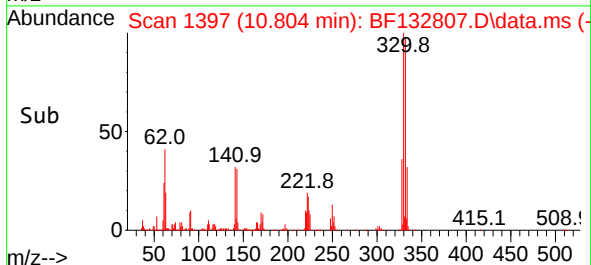
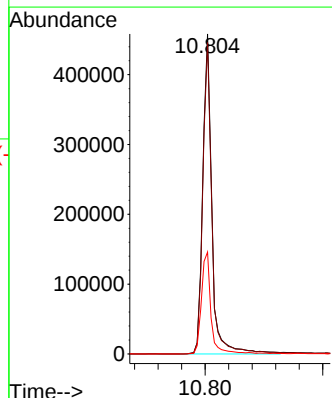
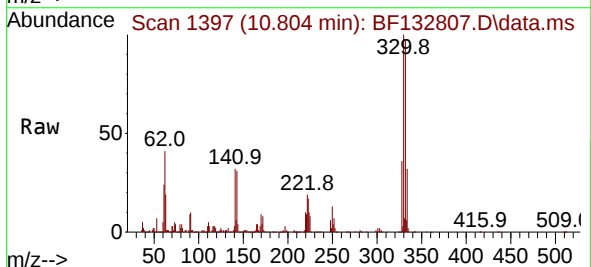
Tgt Ion:330 Resp: 493659

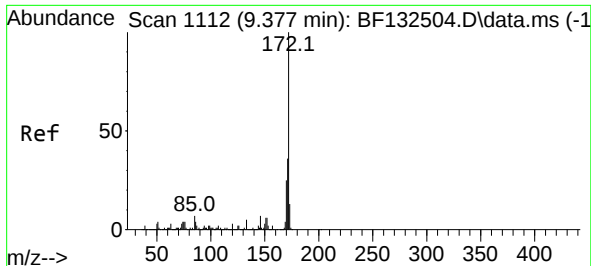
Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 33.8 28.4 42.6

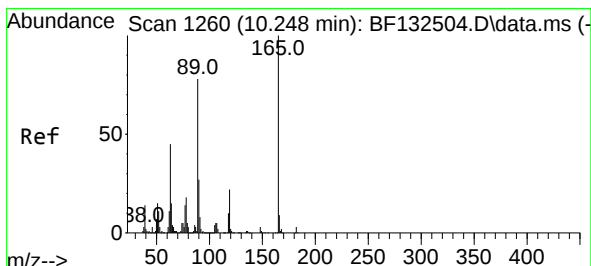
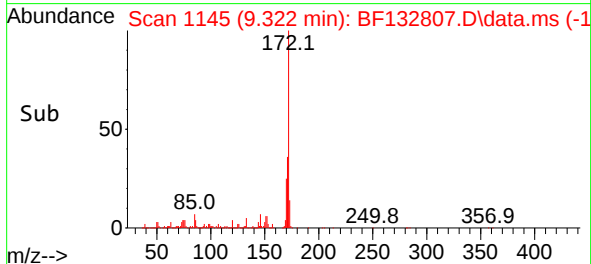
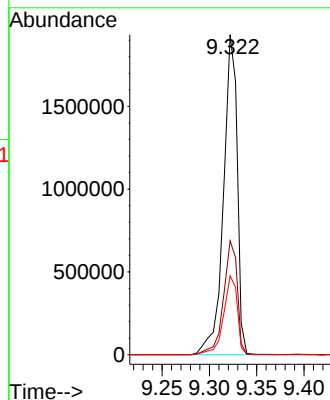
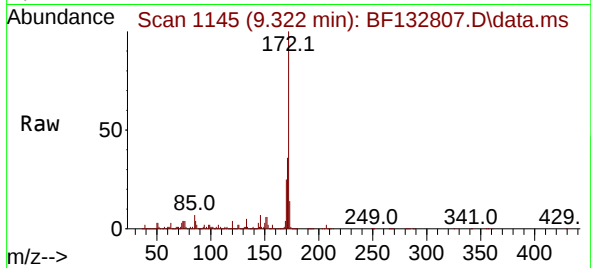




#45
2-Fluorobiphenyl
Concen: 177.980 ng
RT: 9.322 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132807.D
Acq: 15 Mar 2023 17:17

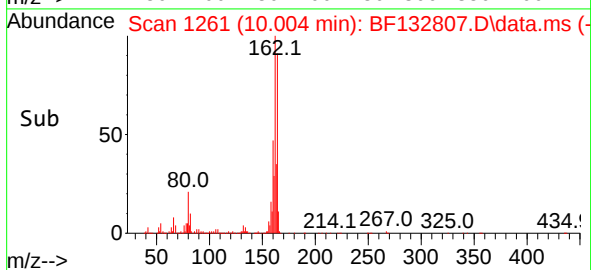
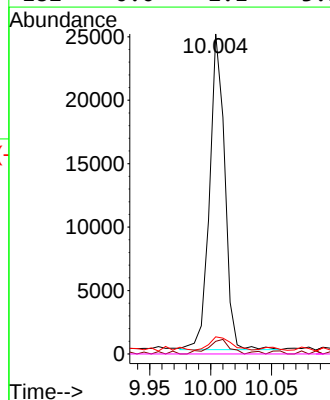
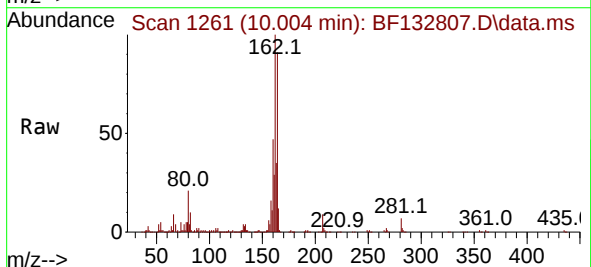
Instrument :
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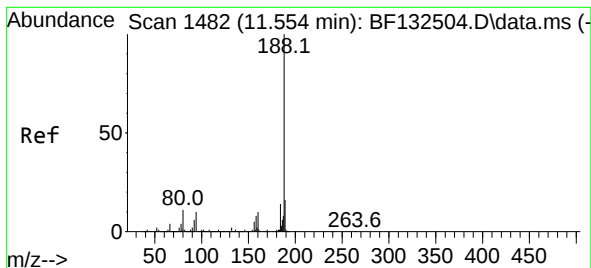
Tgt Ion:172 Resp: 1964359
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.7 19.7 29.5



#57
2,4-Dinitrotoluene
Concen: 5.798 ng
RT: 10.004 min Scan# 1261
Delta R.T. -0.200 min
Lab File: BF132807.D
Acq: 15 Mar 2023 17:17

Tgt Ion:165 Resp: 21494
Ion Ratio Lower Upper
165 100
63 4.0 36.5 54.7#
89 5.3 62.4 93.6#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132807.D

Acq: 15 Mar 2023 17:17

Instrument :

BNA_F

ClientSampleId :

MAPLE-3RE

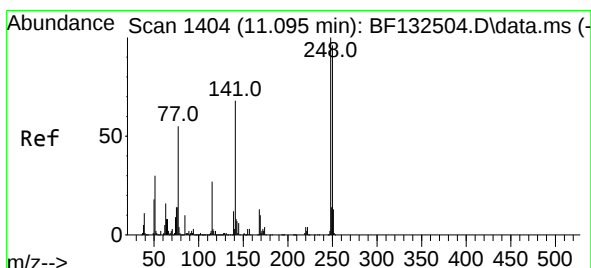
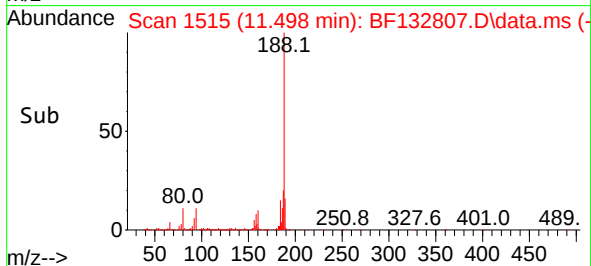
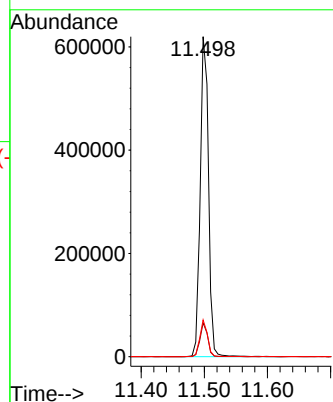
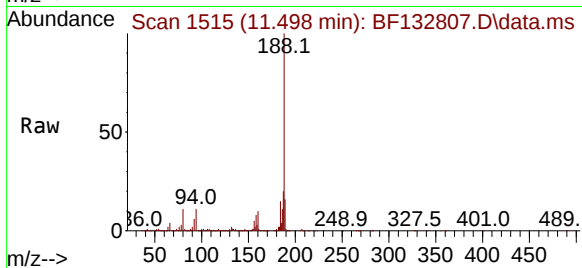
Tgt Ion:188 Resp: 559077

Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

80 11.5 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 4.994 ng

RT: 10.804 min Scan# 1397

Delta R.T. -0.241 min

Lab File: BF132807.D

Acq: 15 Mar 2023 17:17

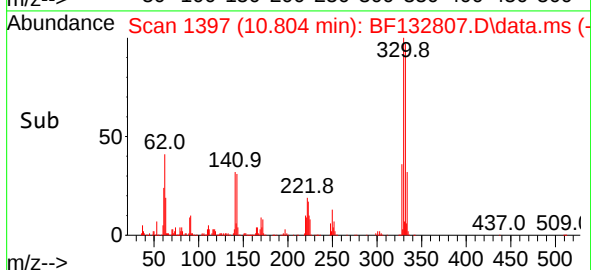
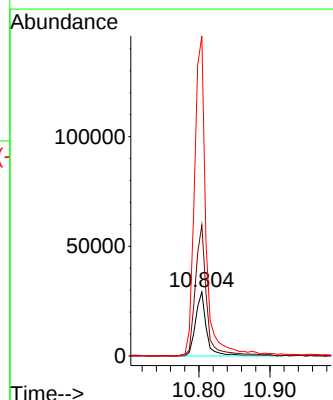
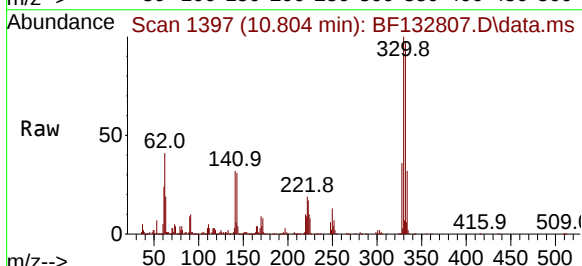
Tgt Ion:248 Resp: 31581

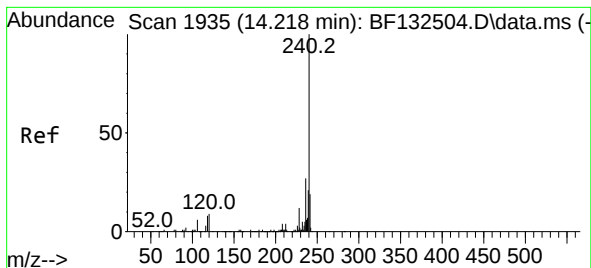
Ion Ratio Lower Upper

248 100

250 204.9 77.0 115.4#

141 500.0 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF132807.D

Acq: 15 Mar 2023 17:17

Instrument :

BNA_F

ClientSampleId :

MAPLE-3RE

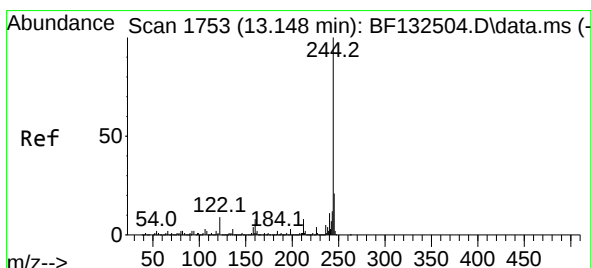
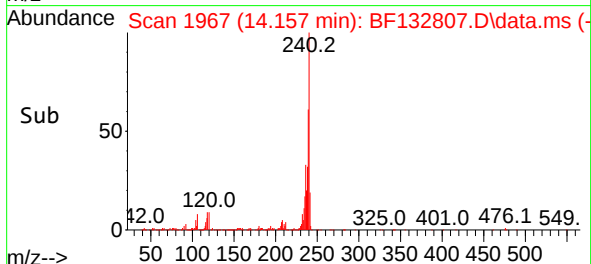
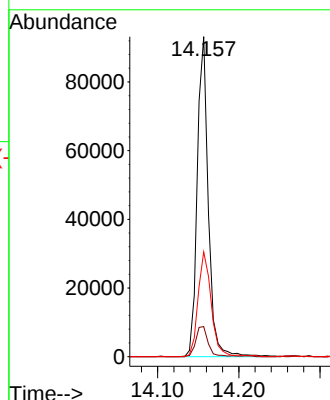
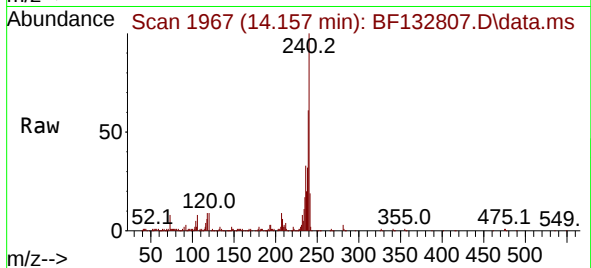
Tgt Ion:240 Resp: 88723

Ion Ratio Lower Upper

240 100

120 9.4 7.2 10.8

236 32.7 21.8 32.6#



#79

Terphenyl-d14

Concen: 220.766 ng

RT: 13.092 min Scan# 1786

Delta R.T. 0.000 min

Lab File: BF132807.D

Acq: 15 Mar 2023 17:17

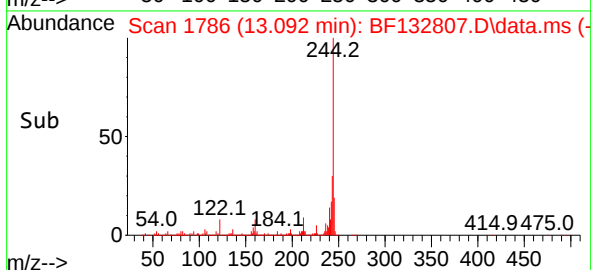
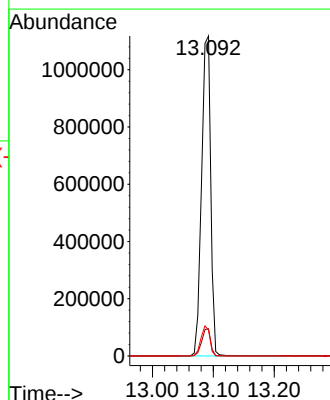
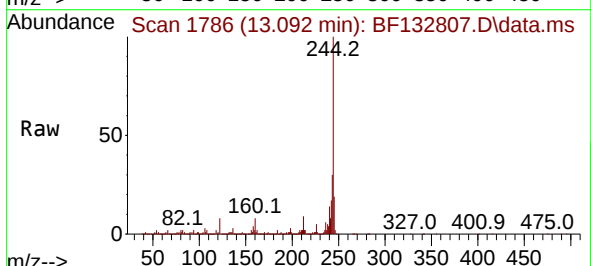
Tgt Ion:244 Resp: 1158485

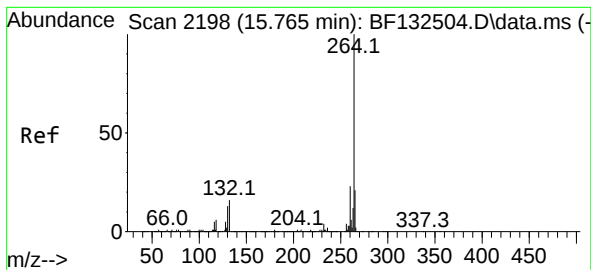
Ion Ratio Lower Upper

244 100

212 8.5 6.5 9.7

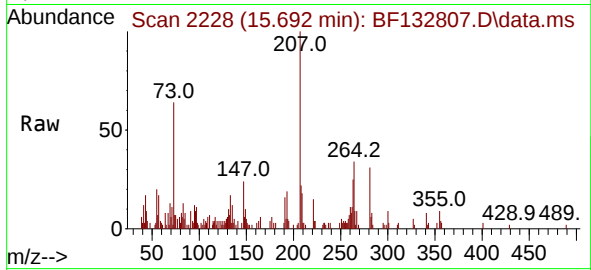
122 8.0 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF132807.D
 Acq: 15 Mar 2023 17:17

Instrument :
 BNA_F
 ClientSampleId :
 MAPLE-3RE



Tgt Ion:264 Resp: 4077
 Ion Ratio Lower Upper
 264 100
 260 33.4 18.8 28.2#
 265 26.0 17.1 25.7#

