

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132680.D
 Acq On : 07 Mar 2023 16:24
 Operator : CG\JU
 Sample : 01826-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MMC-CON-0306

Quant Time: Mar 08 04:40:43 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)

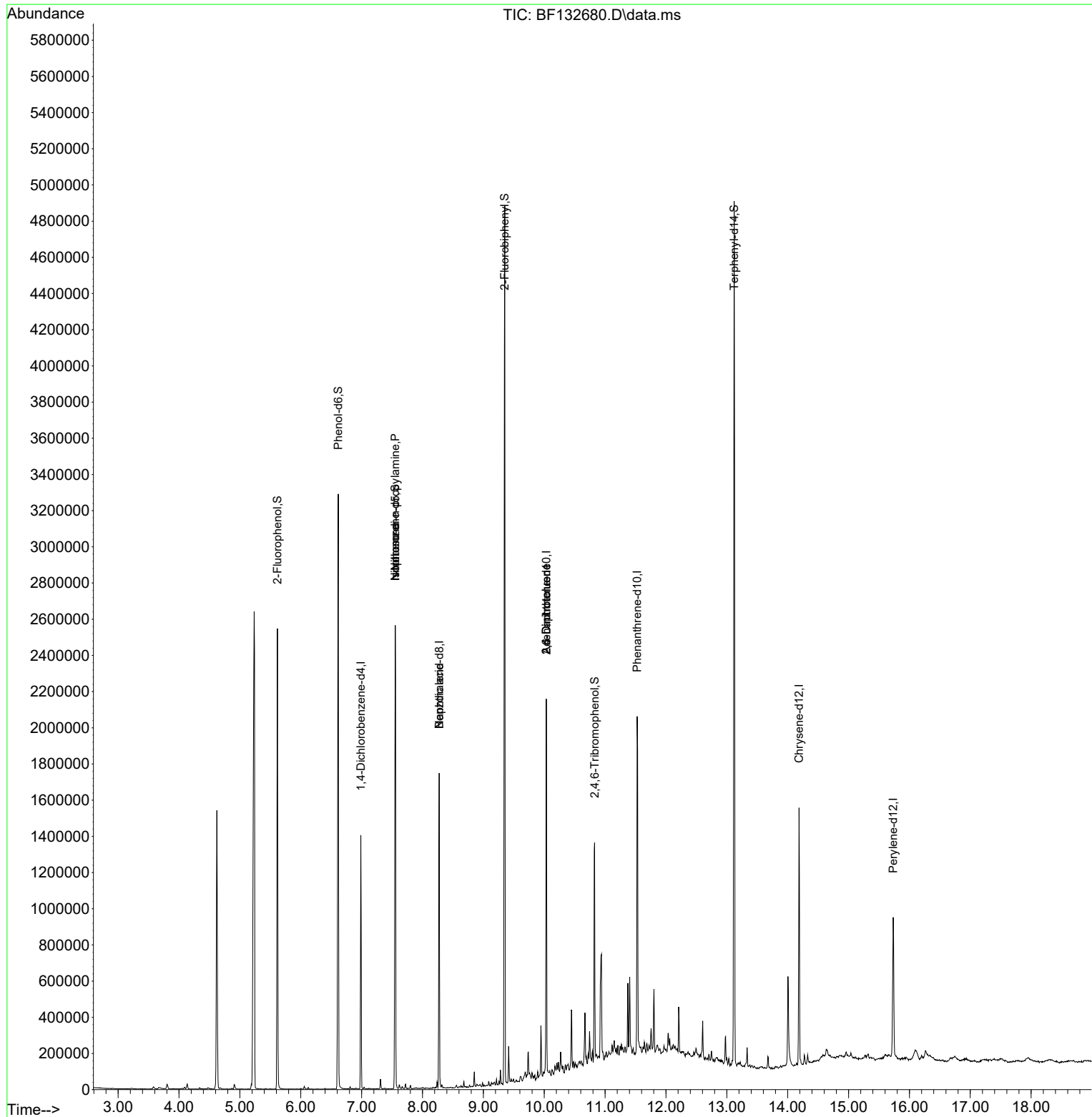
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	197216	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	719688	20.000	ng	0.00
39) Acenaphthene-d10	10.034	164	382780	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	724605	20.000	ng	0.00
76) Chrysene-d12	14.186	240	459588	20.000	ng	#-0.01
86) Perylene-d12	15.733	264	375623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	673979	55.464	ng	0.00
7) Phenol-d6	6.616	99	1173496	73.996	ng	0.00
23) Nitrobenzene-d5	7.551	82	905843	59.716	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	152866	36.979	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1486912	59.148	ng	0.00
79) Terphenyl-d14	13.122	244	1786930	65.738	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.551	70	120250	12.321	ng	# 76
25) Isophorone	7.551	82	905831	31.147	ng	# 67
32) Benzoic acid	8.275	122	107	3.847	ng	# 1
51) 2,6-Dinitrotoluene	10.034	165	51444	8.105	ng	# 23
57) 2,4-Dinitrotoluene	10.034	165	51611	6.112	ng	# 22

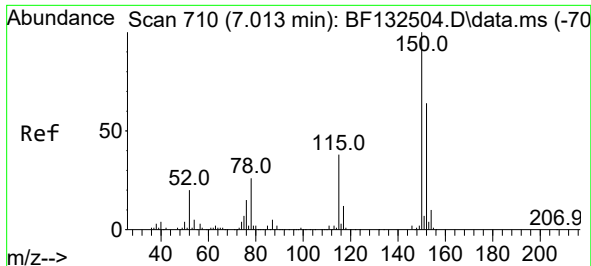
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
Data File : BF132680.D
Acq On : 07 Mar 2023 16:24
Operator : CG\JU
Sample : 01826-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MMC-CON-0306

Quant Time: Mar 08 04:40:43 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

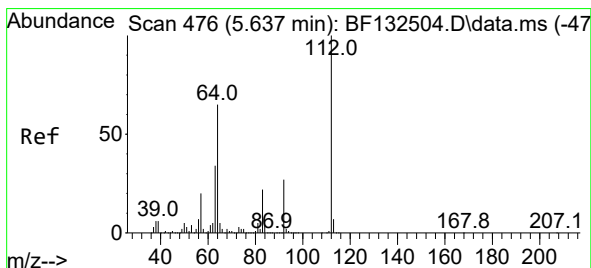
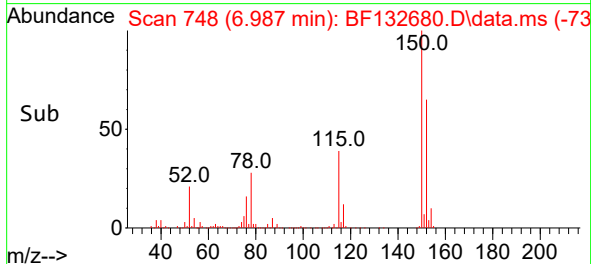
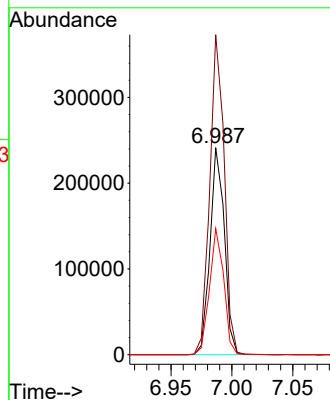
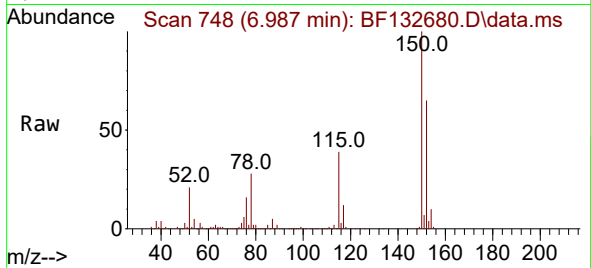




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

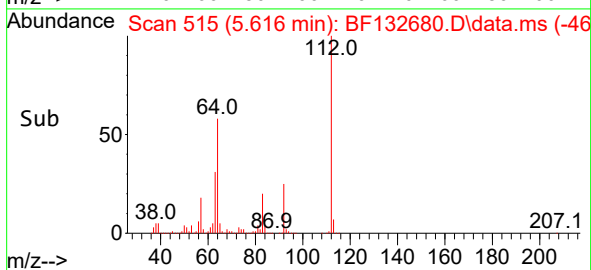
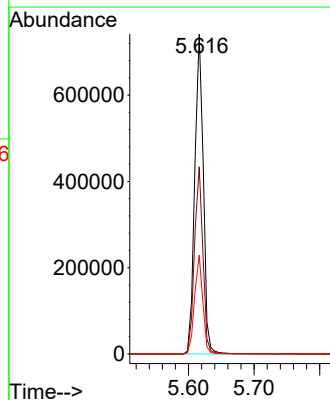
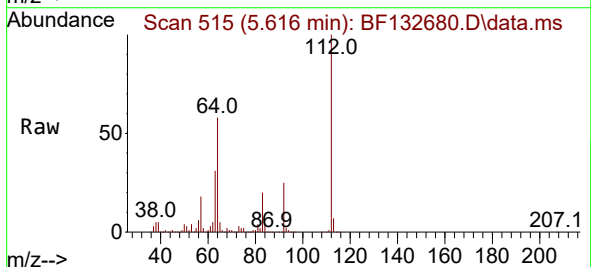
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0306

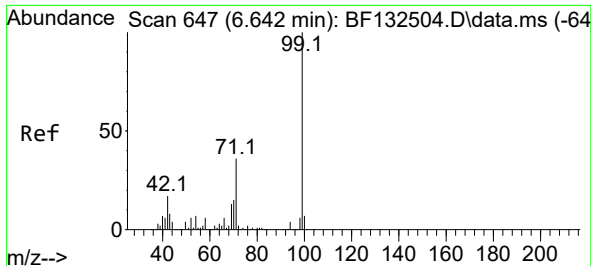
Tgt Ion:152 Resp: 197216
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.2
115 60.9 47.8 71.6



#5
2-Fluorophenol
Concen: 55.464 ng
RT: 5.616 min Scan# 515
Delta R.T. 0.000 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

Tgt Ion:112 Resp: 673979
Ion Ratio Lower Upper
112 100
64 58.5 51.6 77.4
63 30.9 27.4 41.2

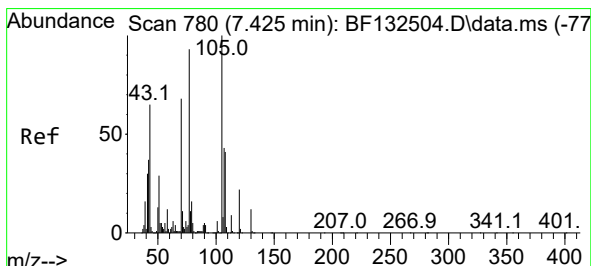
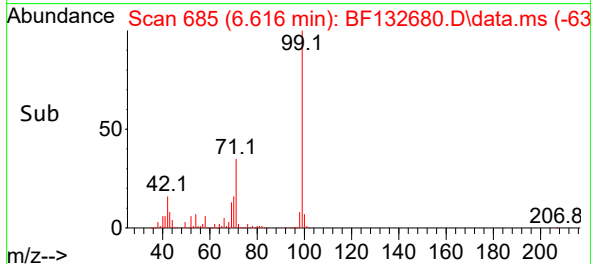
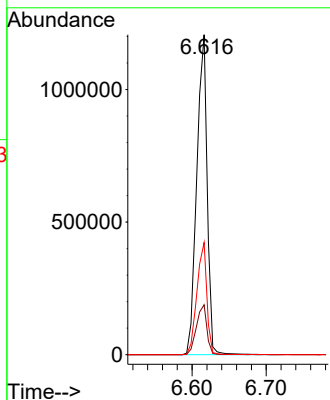
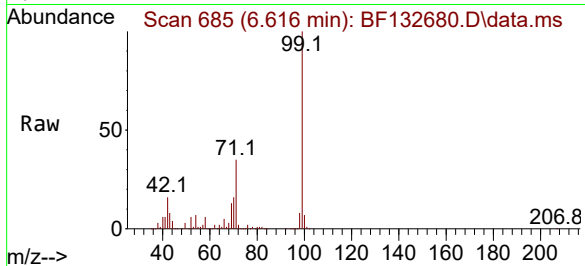




#7
Phenol-d6
Concen: 73.996 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

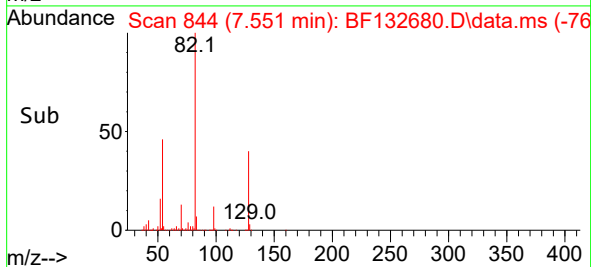
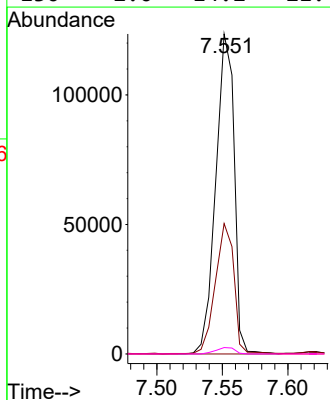
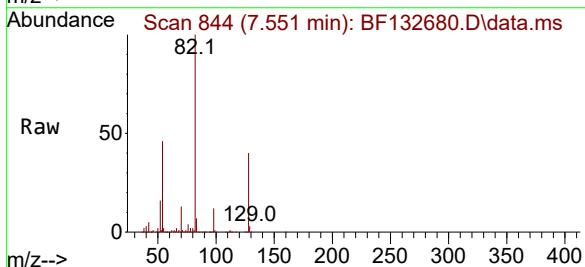
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0306

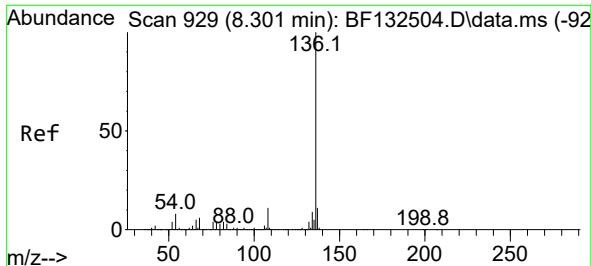
Tgt Ion: 99 Resp: 1173496
Ion Ratio Lower Upper
99 100
42 15.6 13.9 20.9
71 35.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.321 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.147 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

Tgt Ion: 70 Resp: 120250
Ion Ratio Lower Upper
70 100
42 40.7 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

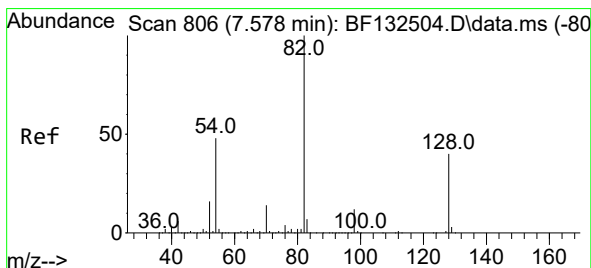
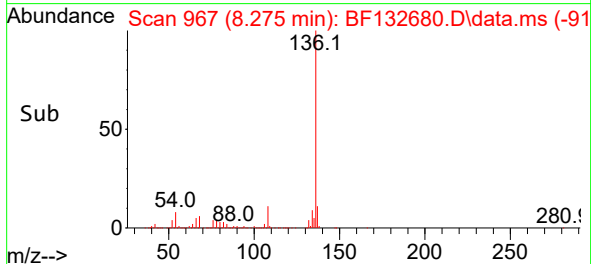
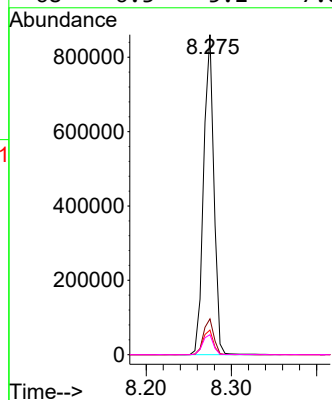
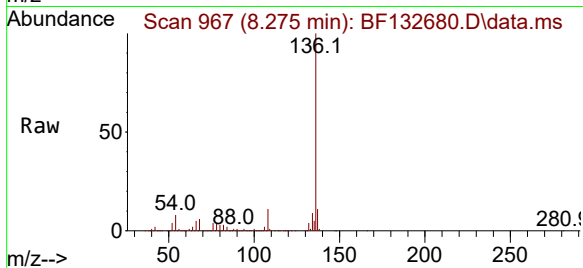




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

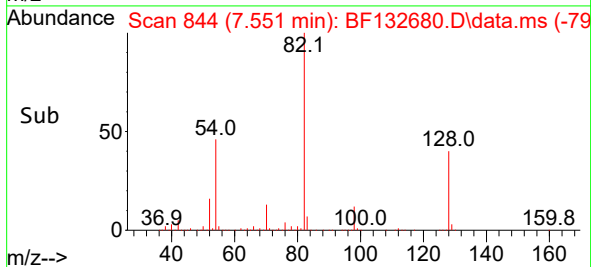
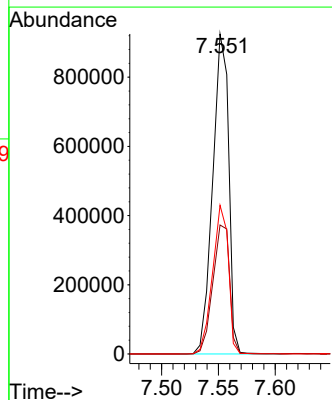
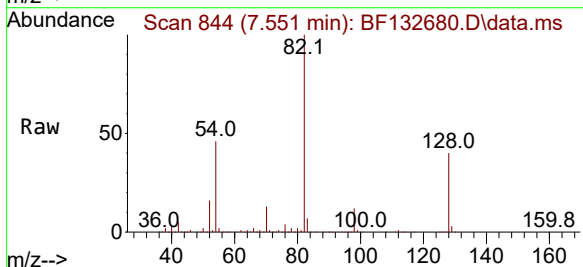
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0306

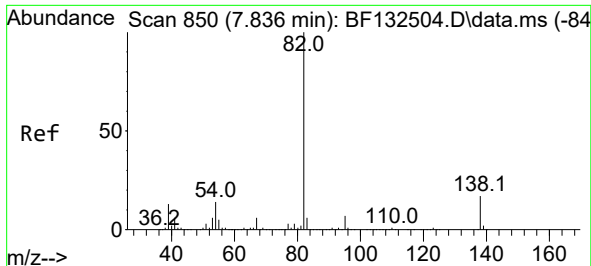
Tgt Ion:136 Resp: 719688
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.7 6.2 9.4
68 6.3 5.2 7.8



#23
Nitrobenzene-d5
Concen: 59.716 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

Tgt Ion: 82 Resp: 905843
Ion Ratio Lower Upper
82 100
128 40.3 32.2 48.2
54 46.5 38.4 57.6

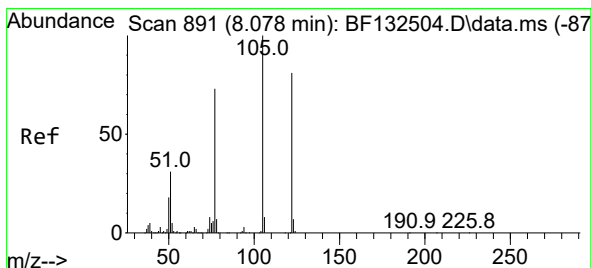
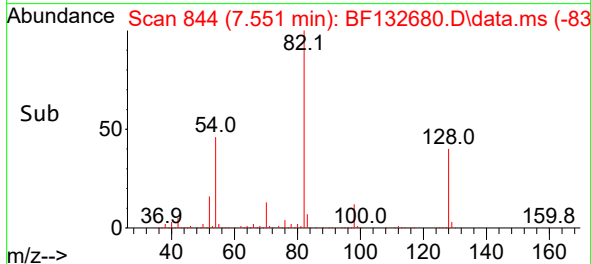
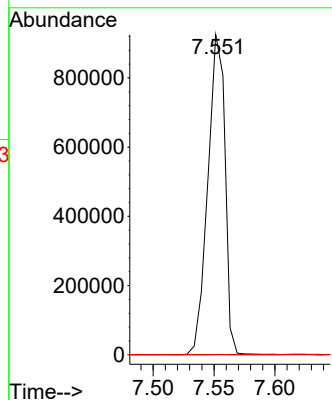
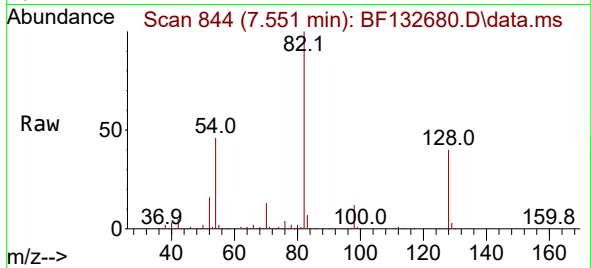




#25
Isophorone
Concen: 31.147 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

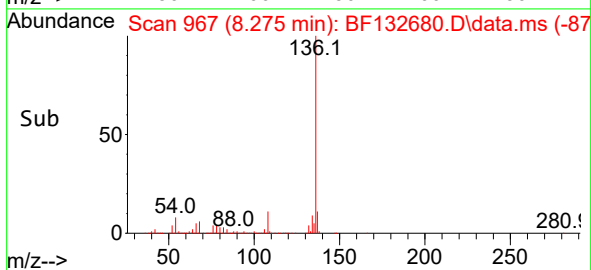
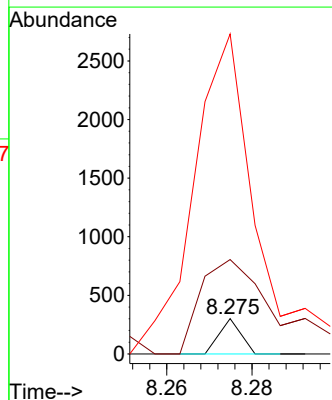
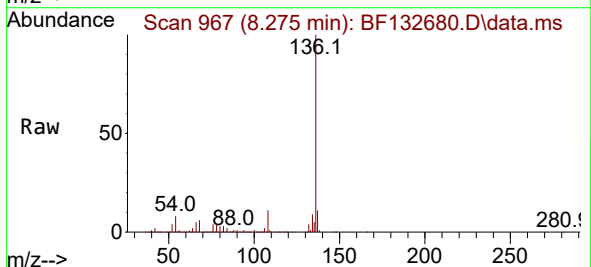
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0306

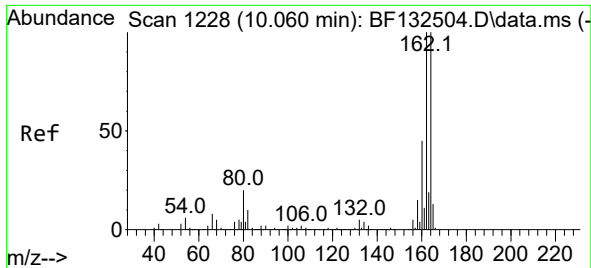
Tgt Ion: 82 Resp: 905831
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.847 ng
RT: 8.275 min Scan# 967
Delta R.T. 0.218 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

Tgt Ion:122 Resp: 107
Ion Ratio Lower Upper
122 100
105 266.6 102.6 142.6#
77 904.0 70.2 110.2#

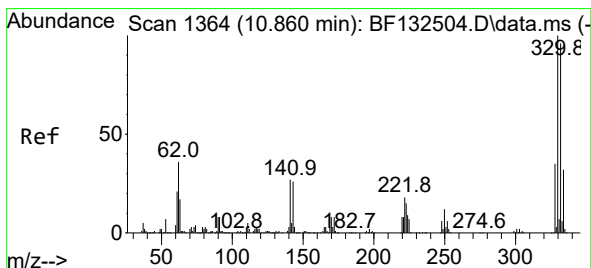
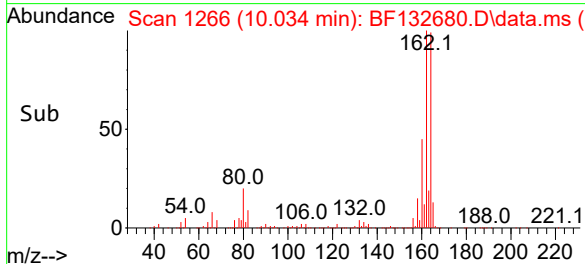
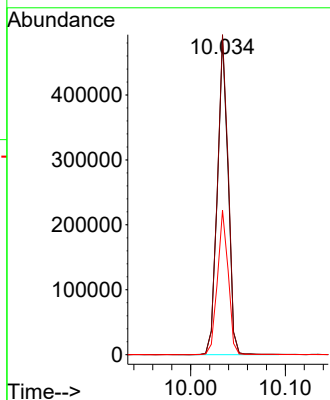
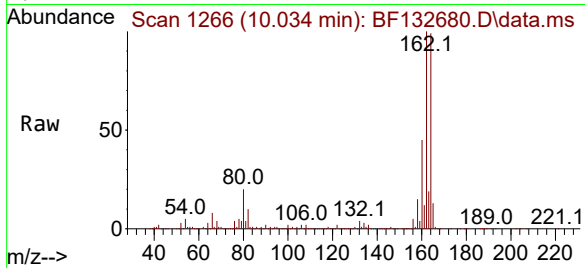




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.034 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

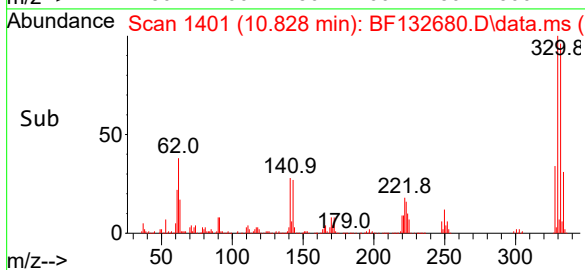
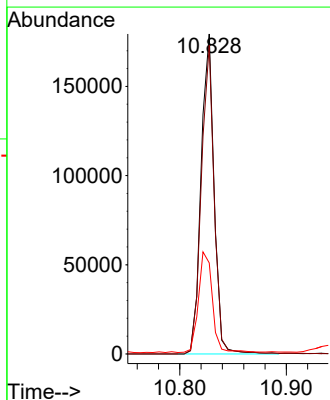
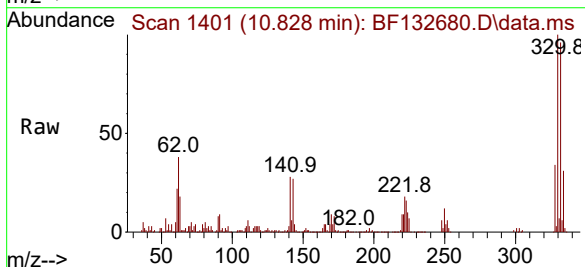
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0306

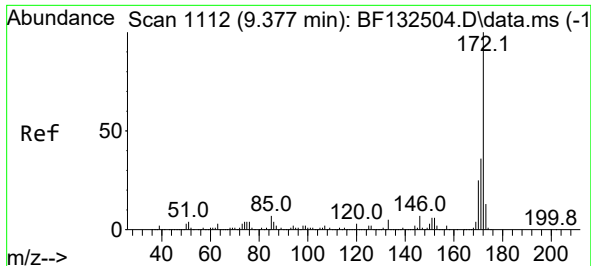
Tgt Ion:164 Resp: 382780
Ion Ratio Lower Upper
164 100
162 101.1 79.8 119.8
160 45.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 36.979 ng
RT: 10.828 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

Tgt Ion:330 Resp: 152866
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 33.6 28.4 42.6

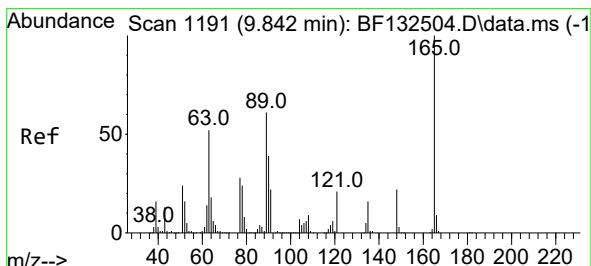
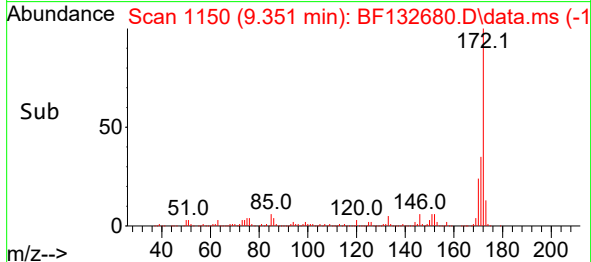
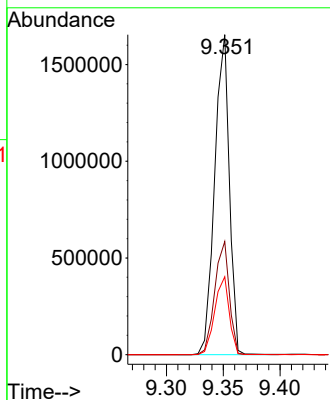
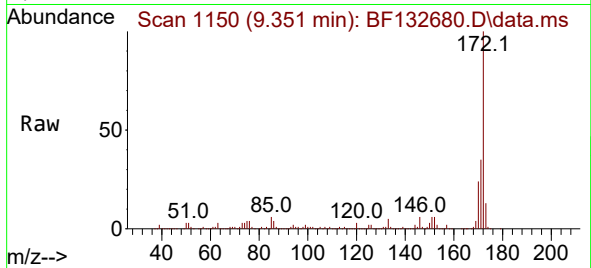




#45
2-Fluorobiphenyl
Concen: 59.148 ng
RT: 9.351 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

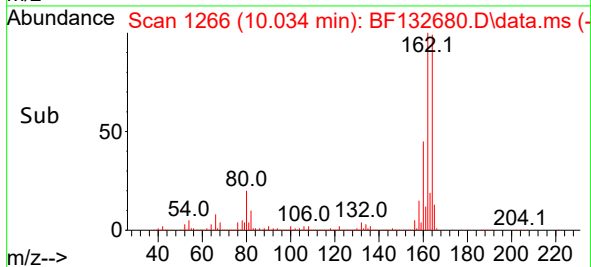
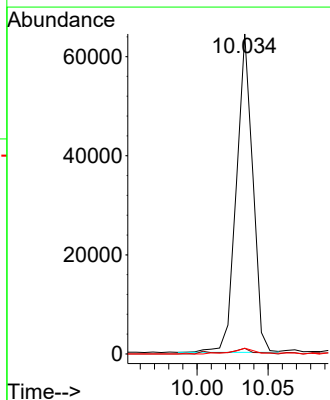
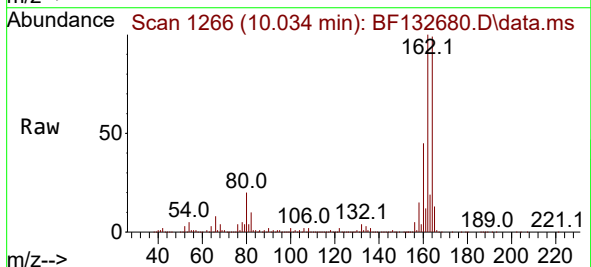
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0306

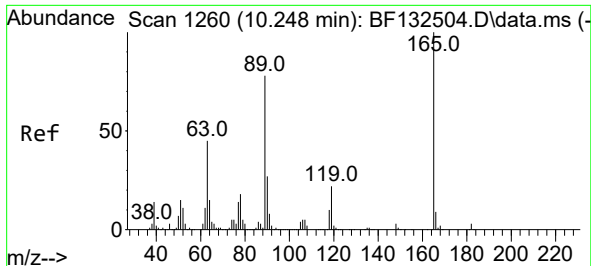
Tgt Ion:172 Resp: 1486912
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 8.105 ng
RT: 10.034 min Scan# 1266
Delta R.T. 0.212 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

Tgt Ion:165 Resp: 51444
Ion Ratio Lower Upper
165 100
63 1.7 47.3 70.9#
89 1.8 48.9 73.3#

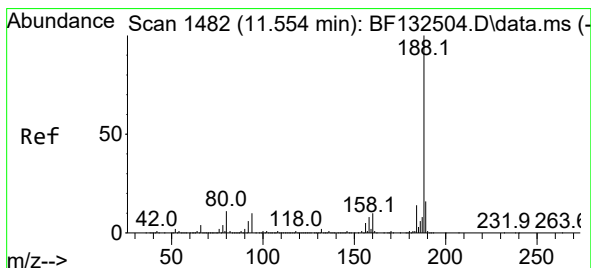
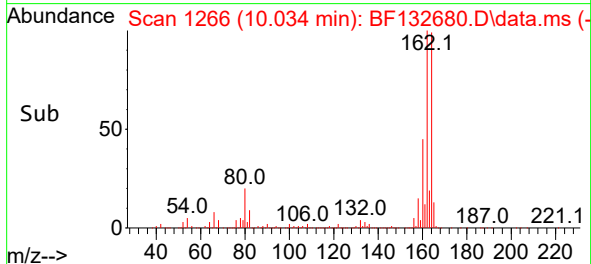
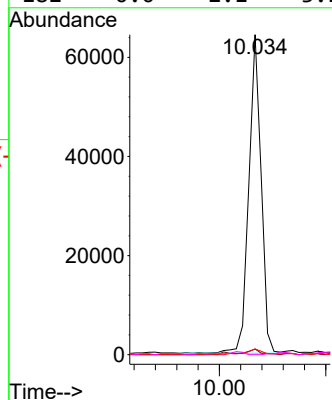
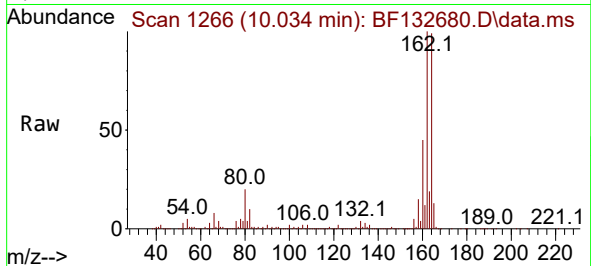




#57
2,4-Dinitrotoluene
Concen: 6.112 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

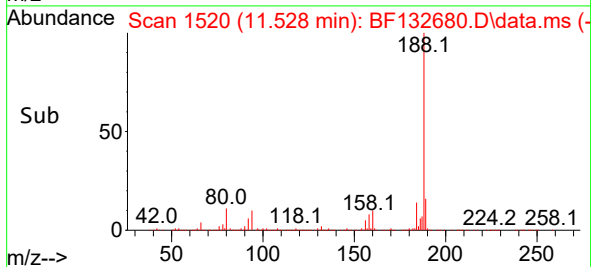
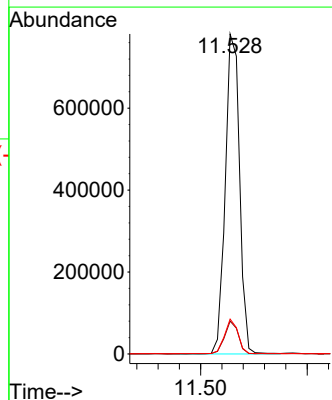
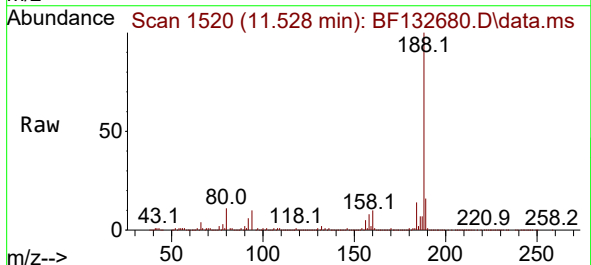
Instrument :
BNA_F
ClientSampleId :
MMC-CON-0306

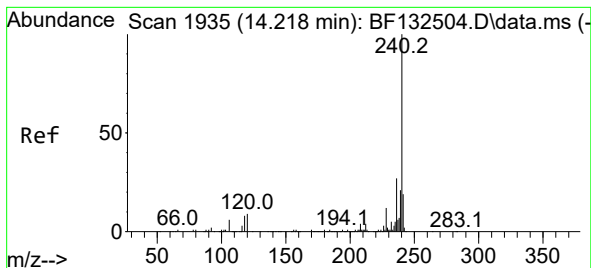
Tgt Ion:165 Resp: 51611
Ion Ratio Lower Upper
165 100
63 1.7 36.5 54.7#
89 1.8 62.4 93.6#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 1520
Delta R.T. -0.006 min
Lab File: BF132680.D
Acq: 07 Mar 2023 16:24

Tgt Ion:188 Resp: 724605
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.9 8.7 13.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.186 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BF132680.D

Acq: 07 Mar 2023 16:24

Instrument :

BNA_F

ClientSampleId :

MMC-CON-0306

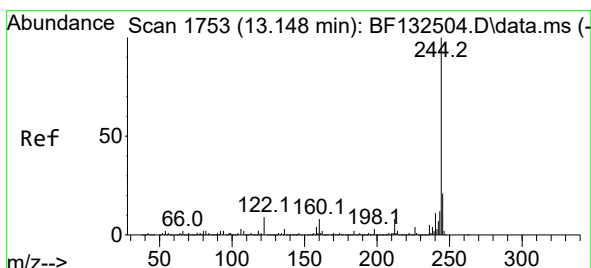
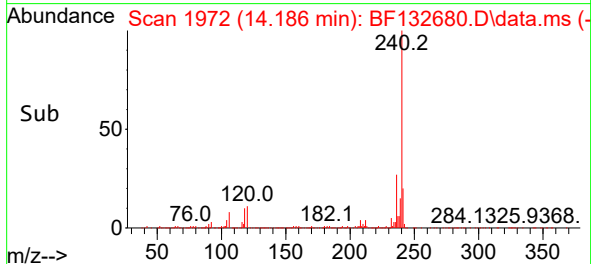
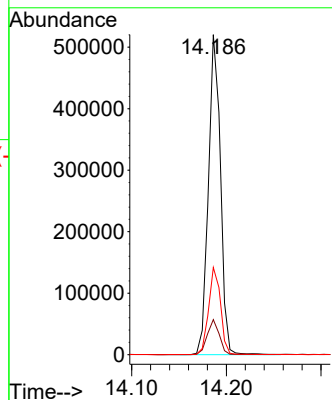
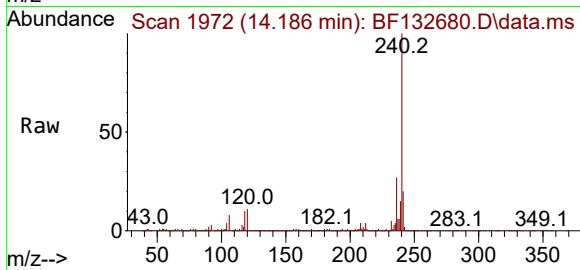
Tgt Ion:240 Resp: 459588

Ion Ratio Lower Upper

240 100

120 11.0 7.2 10.8#

236 27.2 21.8 32.6



#79

Terphenyl-d14

Concen: 65.738 ng

RT: 13.122 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BF132680.D

Acq: 07 Mar 2023 16:24

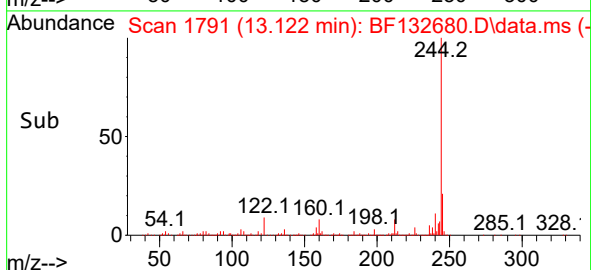
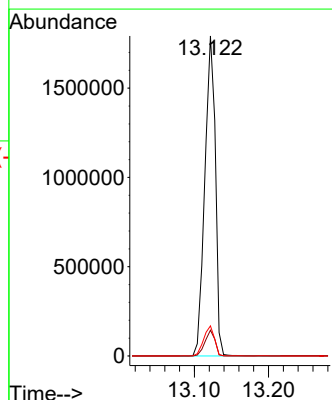
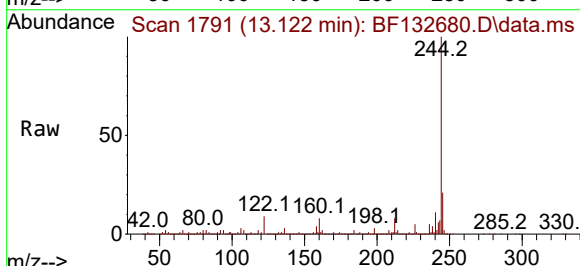
Tgt Ion:244 Resp: 1786930

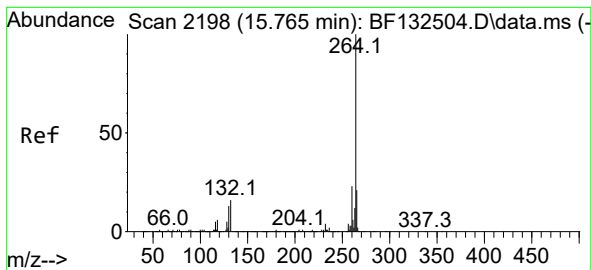
Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 9.4 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.733 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132680.D
 Acq: 07 Mar 2023 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MMC-CON-0306

Tgt Ion:264 Resp: 375623
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 20.9 17.1 25.7

