

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
 Data File : BF132417.D
 Acq On : 13 Feb 2023 19:07
 Operator : CG\JU
 Sample : 01442-02RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 14 01:39:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 14 00:51:00 2023
 Response via : Initial Calibration

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

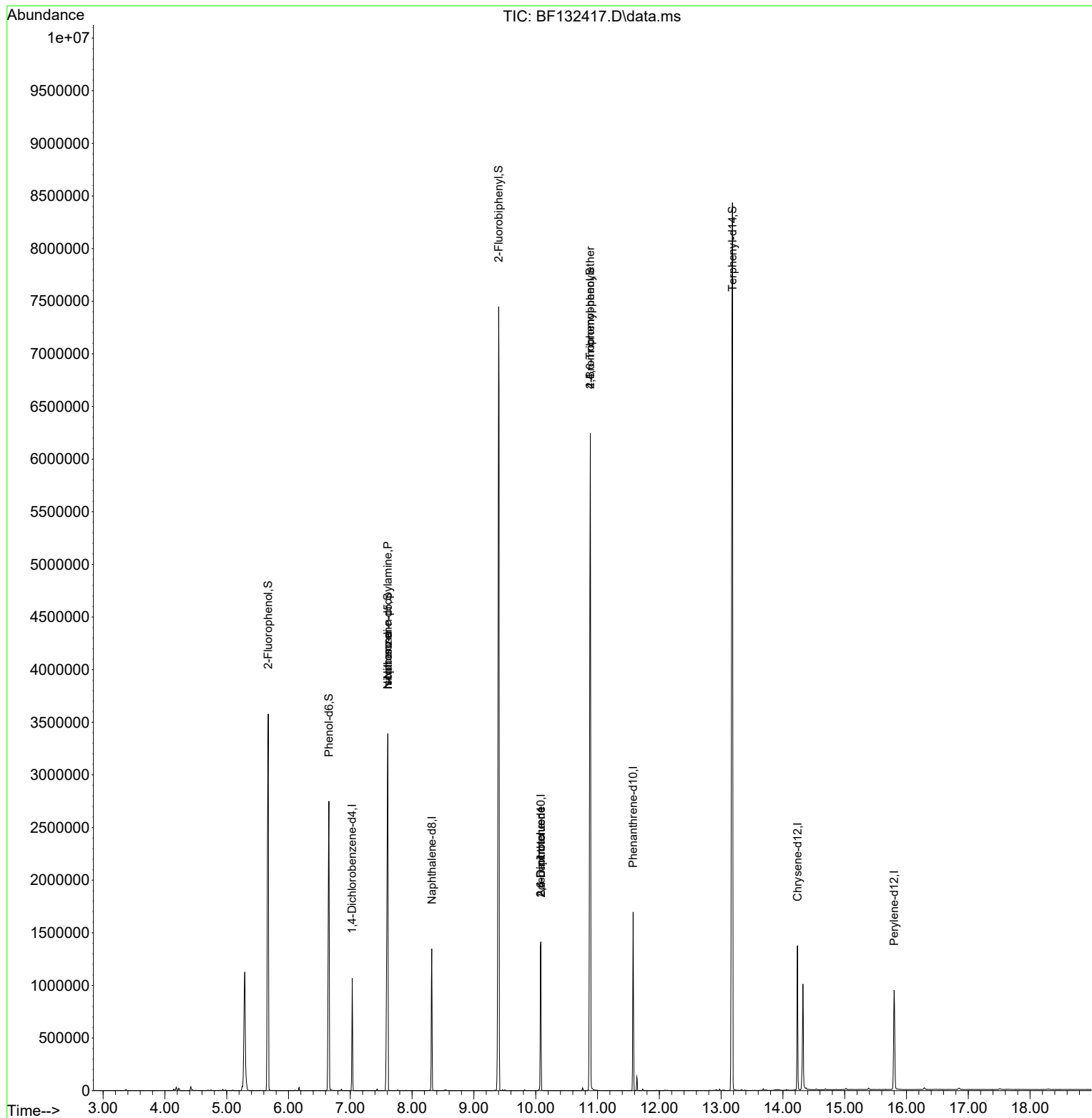
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.031	152	155944	20.000	ng	0.00
21) Naphthalene-d8	8.319	136	592330	20.000	ng	0.00
39) Acenaphthene-d10	10.083	164	305505	20.000	ng	0.00
64) Phenanthrene-d10	11.577	188	575016	20.000	ng	0.00
76) Chrysene-d12	14.236	240	432087	20.000	ng	0.00
86) Perylene-d12	15.801	264	452793	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	1478900	173.059	ng	0.02
7) Phenol-d6	6.654	99	1300338	122.093	ng	0.00
23) Nitrobenzene-d5	7.607	82	1603388	161.483	ng	0.00
42) 2,4,6-Tribromophenol	10.883	330	1122442	276.090	ng	0.00
45) 2-Fluorobiphenyl	9.401	172	3039836	144.048	ng	0.00
79) Terphenyl-d14	13.183	244	3879222	150.993	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.607	70	203579	33.498	ng	# 73
25) Isophorone	7.607	82	1600574	91.499	ng	# 61
51) 2,6-Dinitrotoluene	10.083	165	39097	7.745	ng	# 31
57) 2,4-Dinitrotoluene	10.083	165	39097	5.895	ng	# 29
67) 4-Bromophenyl-phenylether	10.883	248	60912	9.076	ng	# 1

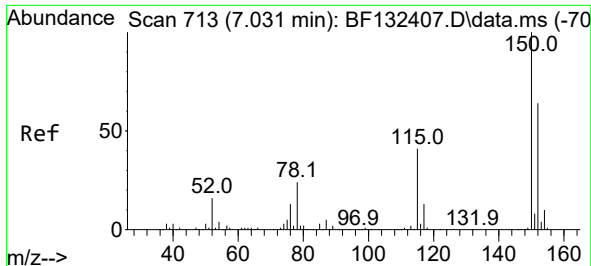
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021323\
Data File : BF132417.D
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Operator : CG\JU
Sample : 01442-02RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

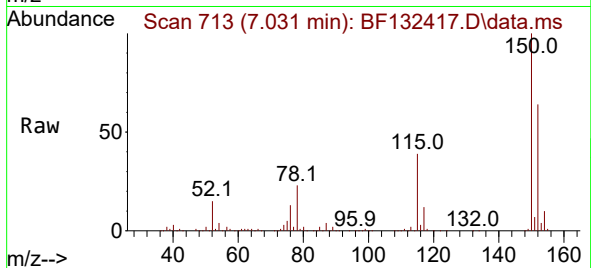
Quant Time: Feb 14 01:39:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 14 00:51:00 2023
Response via : Initial Calibration



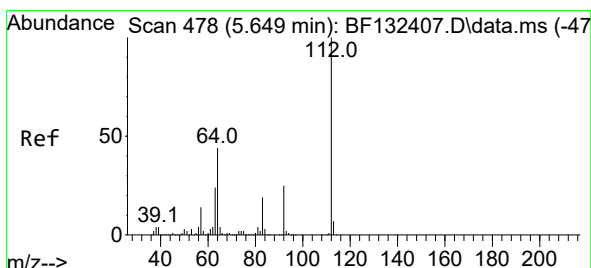
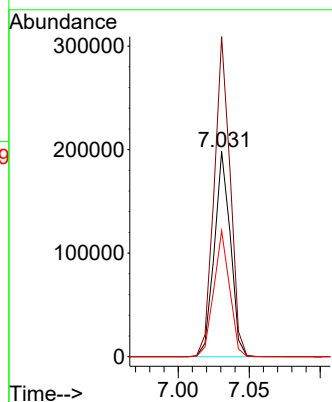
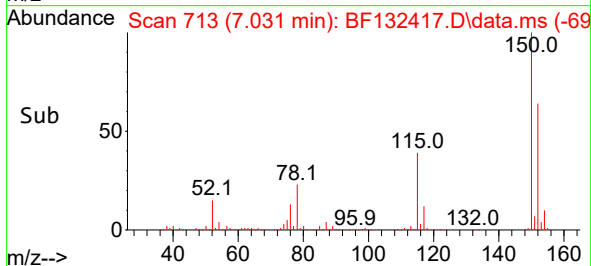


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.031 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07

Instrument :
BNA_F
ClientSampleId :

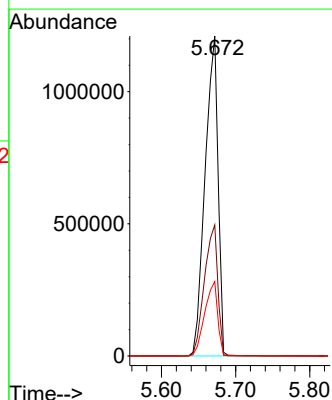
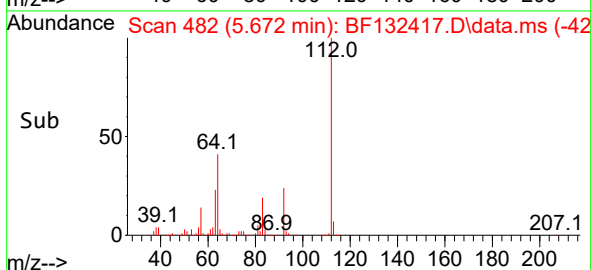
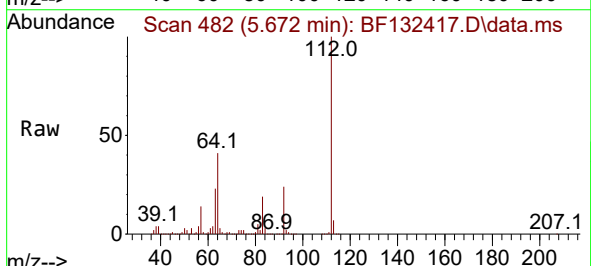


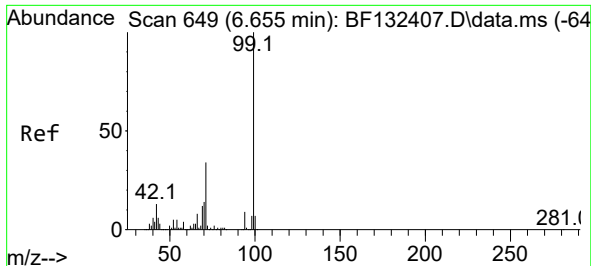
Tgt Ion:152 Resp: 155944
Ion Ratio Lower Upper
152 100
150 155.9 124.4 186.6
115 61.4 50.6 75.8



#5
2-Fluorophenol
Concen: 173.059 ng
RT: 5.672 min Scan# 482
Delta R.T. 0.023 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07

Tgt Ion:112 Resp: 1478900
Ion Ratio Lower Upper
112 100
64 41.0 34.8 52.2
63 23.2 19.3 28.9

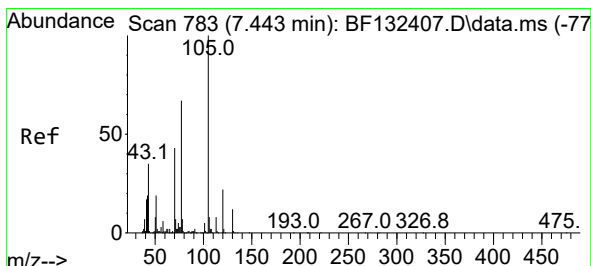
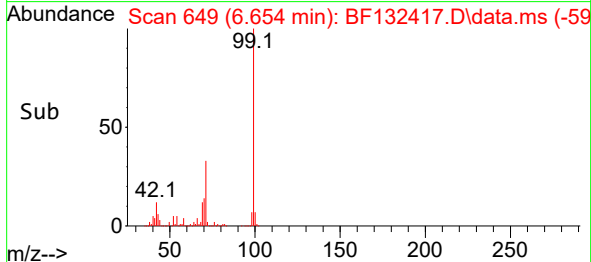
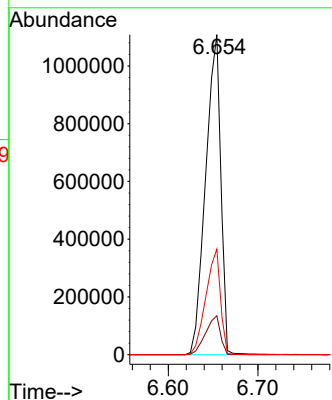
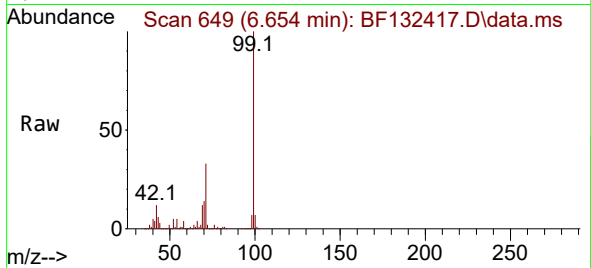




#7
Phenol-d6
Concen: 122.093 ng
RT: 6.654 min Scan# 64
Delta R.T. -0.001 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07

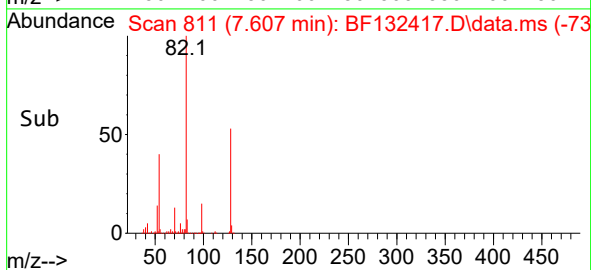
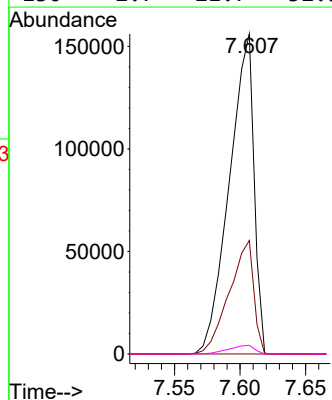
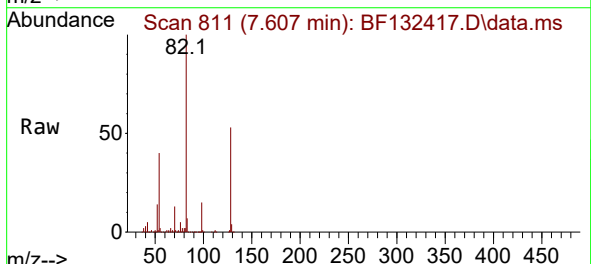
Instrument :
BNA_F
ClientSampleId :

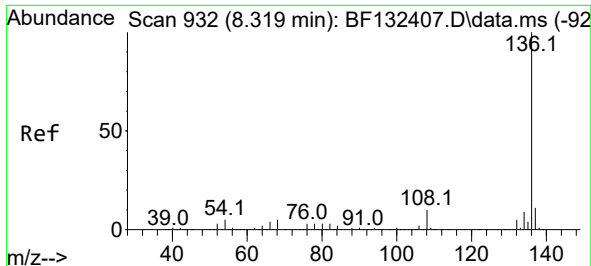
Tgt Ion: 99 Resp: 1300338
Ion Ratio Lower Upper
99 100
42 12.2 10.1 15.1
71 33.0 26.8 40.2



#19
n-Nitroso-di-n-propylamine
Concen: 33.498 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.164 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07

Tgt Ion: 70 Resp: 203579
Ion Ratio Lower Upper
70 100
42 35.4 36.0 54.0#
101 0.0 9.4 14.2#
130 2.7 21.7 32.5#

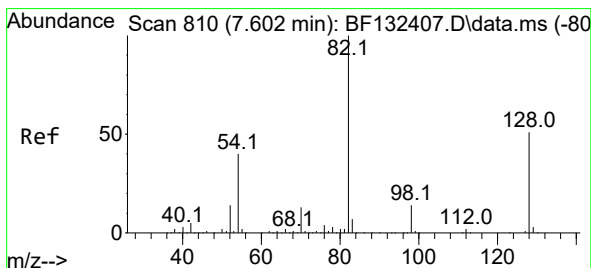
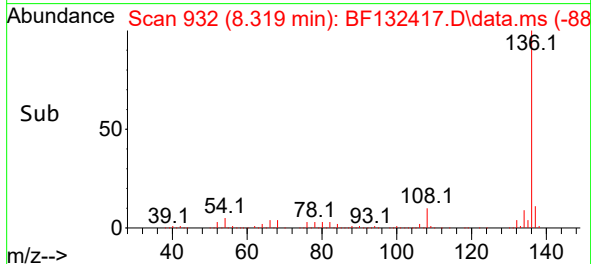
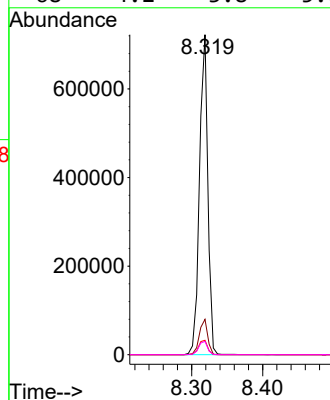
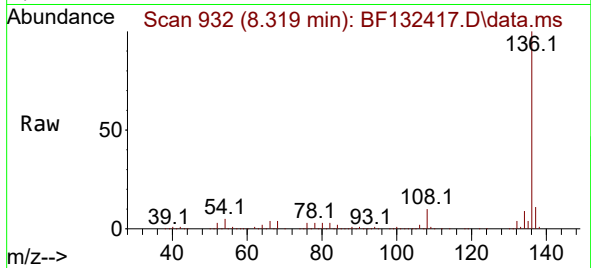




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.319 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07

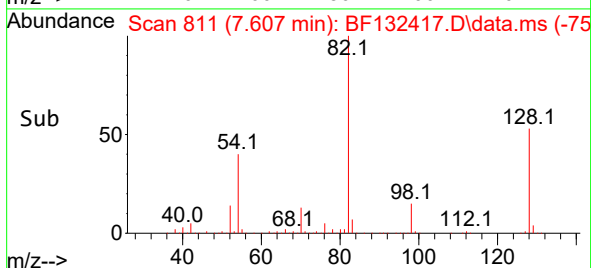
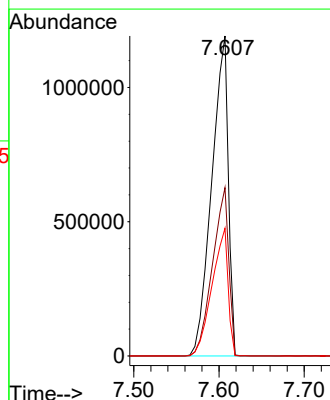
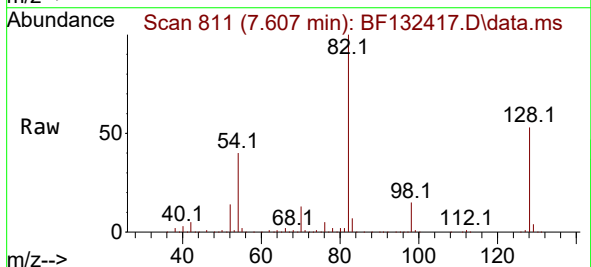
Instrument :
BNA_F
ClientSampleId :

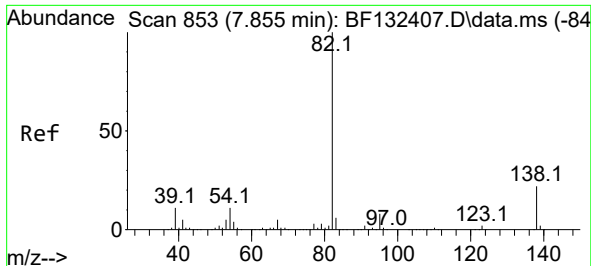
Tgt Ion:136 Resp: 592330
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 4.5 4.2 6.2
68 4.2 3.8 5.6



#23
Nitrobenzene-d5
Concen: 161.483 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.005 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07

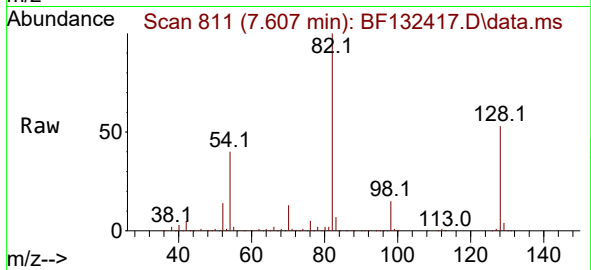
Tgt Ion: 82 Resp: 1603388
Ion Ratio Lower Upper
82 100
128 52.6 40.7 61.1
54 39.9 32.3 48.5



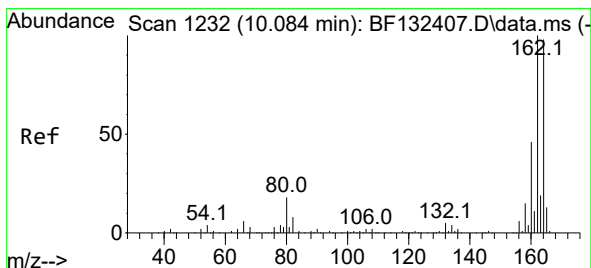
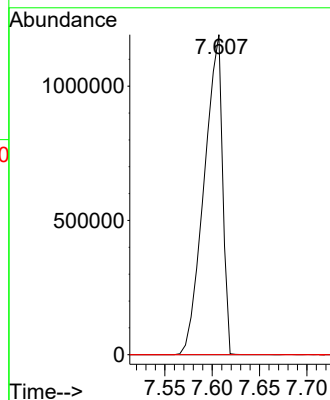
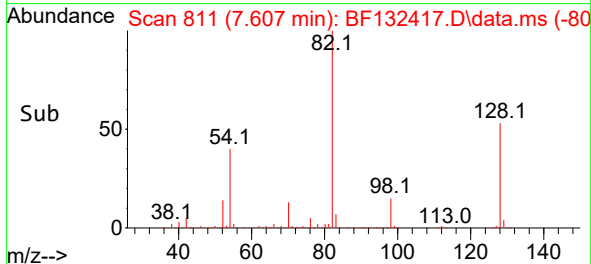


#25
Isophorone
Concen: 91.499 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.248 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07

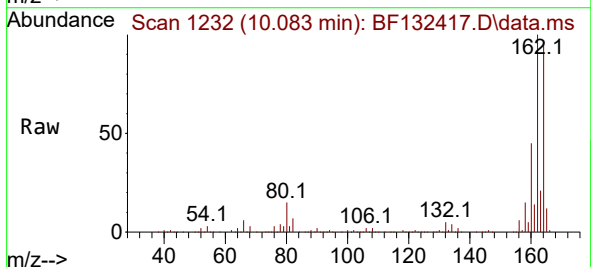
Instrument :
BNA_F
ClientSampleId :



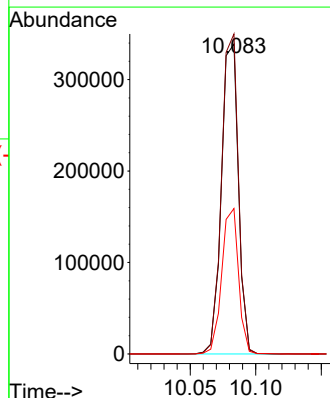
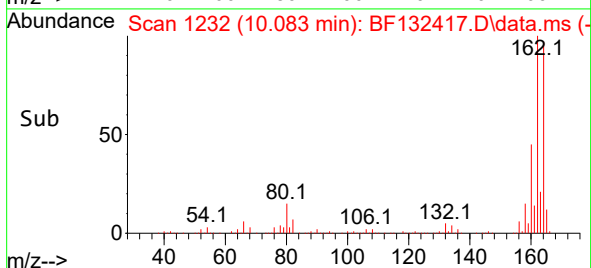
Tgt Ion: 82 Resp: 1600574
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 17.2 25.8#

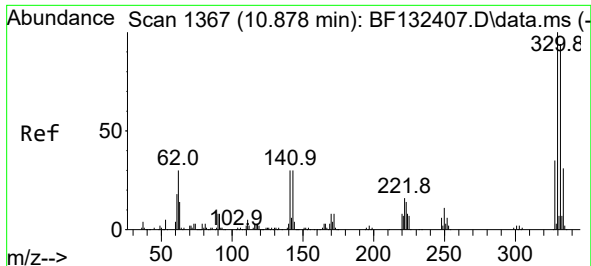


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.083 min Scan# 1232
Delta R.T. -0.001 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07



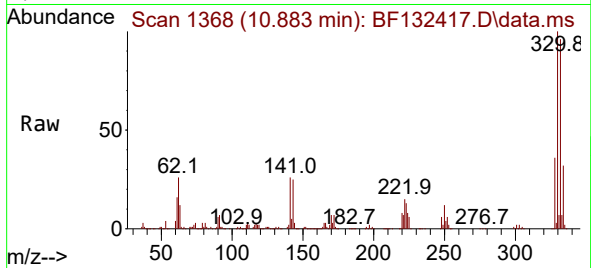
Tgt Ion: 164 Resp: 305505
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 46.9 37.4 56.0



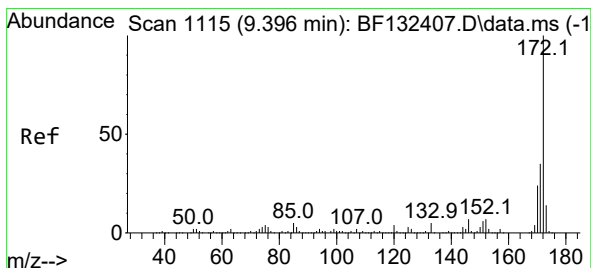
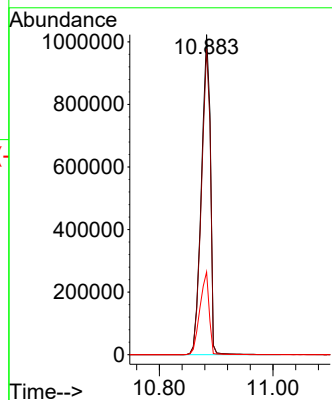
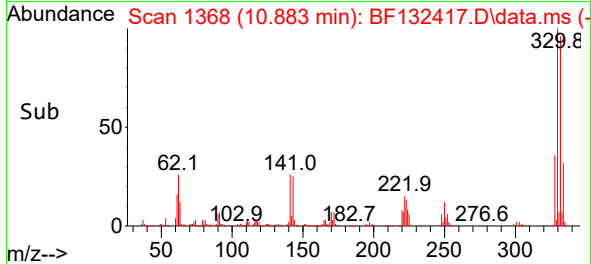


#42
 2,4,6-Tribromophenol
 Concen: 276.090 ng
 RT: 10.883 min Scan# 1116
 Delta R.T. 0.005 min
 Lab File: BF132417.D
 Acq: 13 Feb 2023 19:07

Instrument :
 BNA_F
 ClientSampleId :

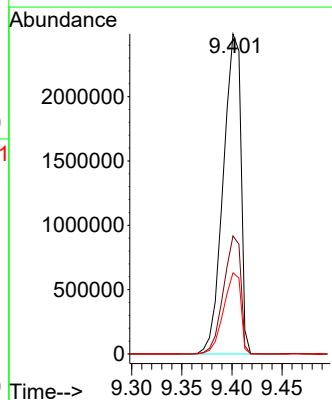
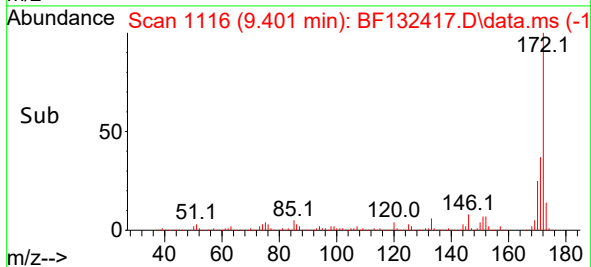
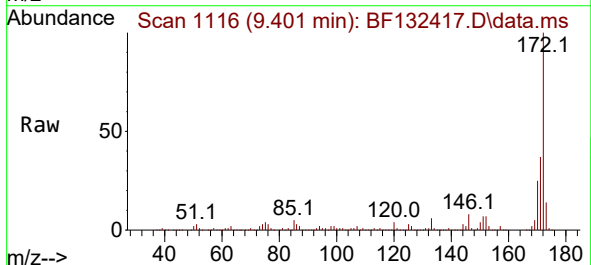


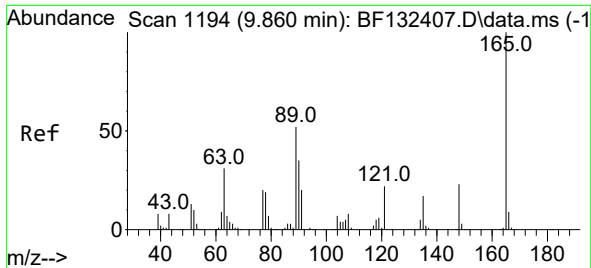
Tgt Ion:330 Resp: 1122442
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.7 115.1
 141 26.7 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 144.048 ng
 RT: 9.401 min Scan# 1116
 Delta R.T. 0.005 min
 Lab File: BF132417.D
 Acq: 13 Feb 2023 19:07

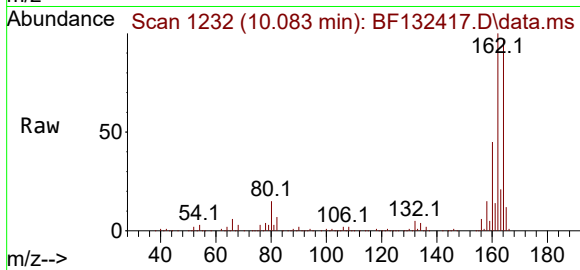
Tgt Ion:172 Resp: 3039836
 Ion Ratio Lower Upper
 172 100
 171 36.9 28.3 42.5
 170 25.4 19.3 28.9



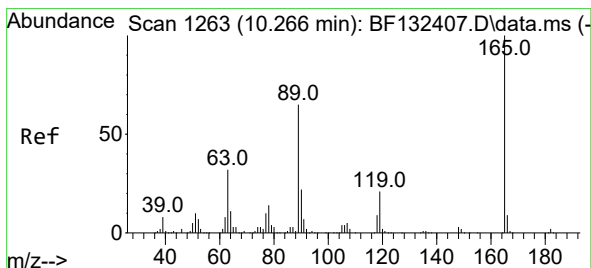
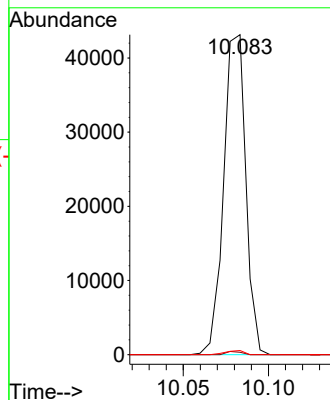
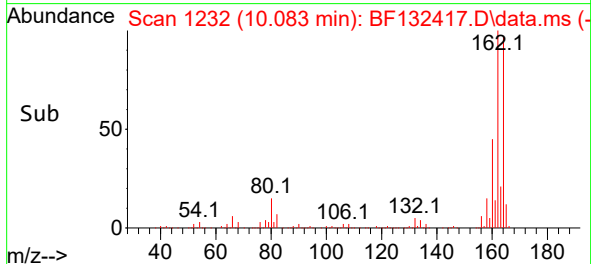


#51
2,6-Dinitrotoluene
Concen: 7.745 ng
RT: 10.083 min Scan# 1194
Delta R.T. 0.223 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07

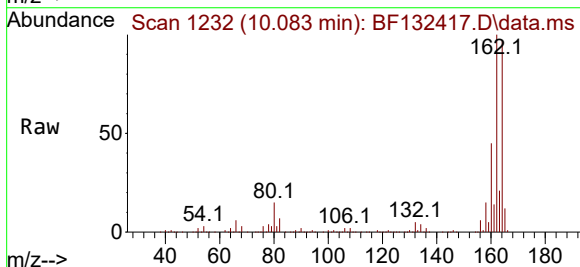
Instrument :
BNA_F
ClientSampleId :



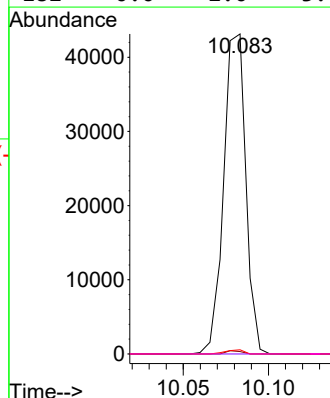
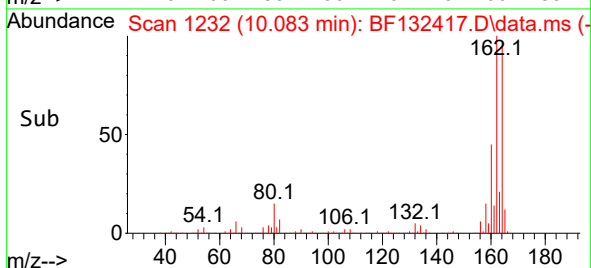
Tgt Ion:165 Resp: 39097
Ion Ratio Lower Upper
165 100
63 0.7 34.0 51.0#
89 1.3 41.8 62.6#

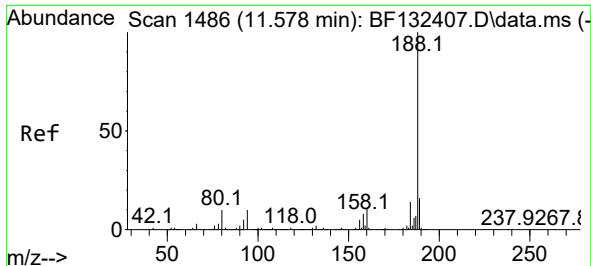


#57
2,4-Dinitrotoluene
Concen: 5.895 ng
RT: 10.083 min Scan# 1232
Delta R.T. -0.183 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07



Tgt Ion:165 Resp: 39097
Ion Ratio Lower Upper
165 100
63 0.7 25.4 38.2#
89 1.3 52.2 78.2#
182 0.0 2.0 3.0#

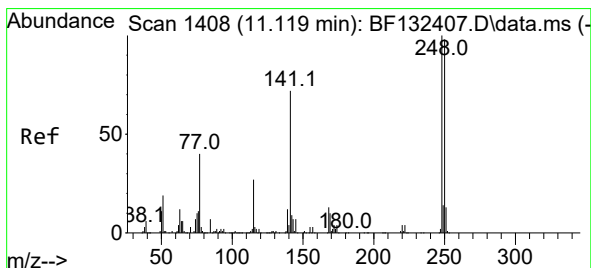
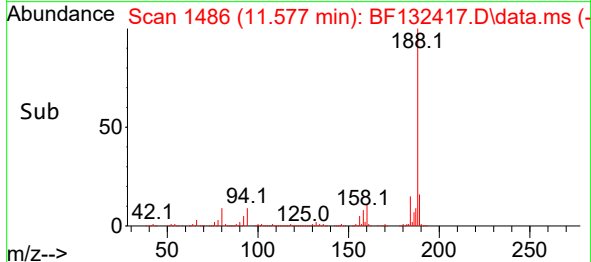
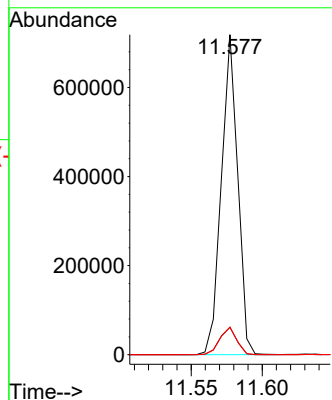
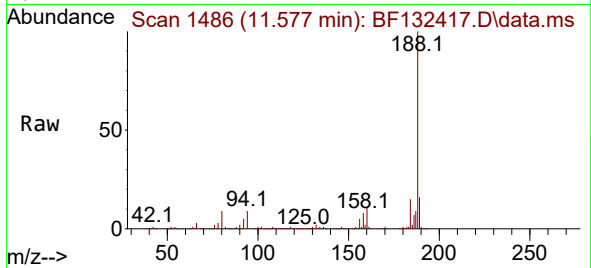




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.577 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07

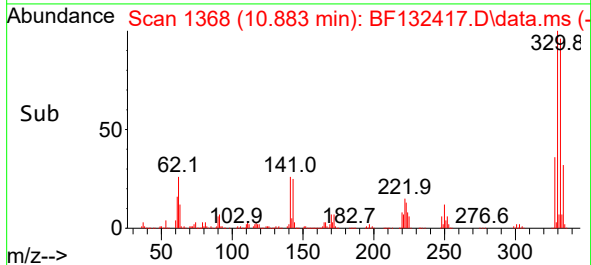
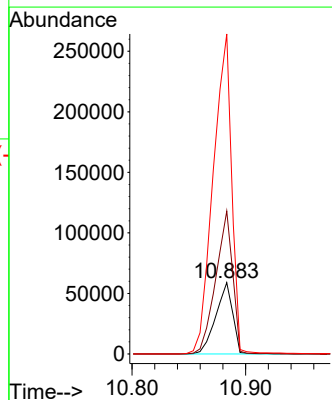
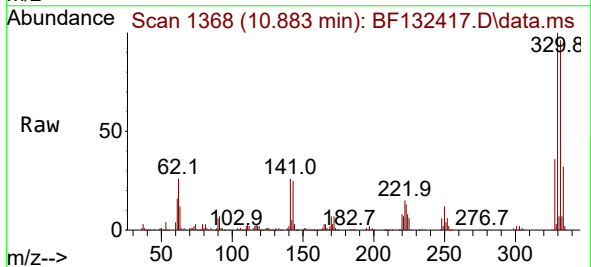
Instrument :
BNA_F
ClientSampleId :

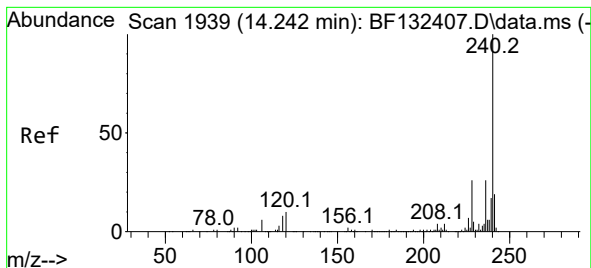
Tgt Ion:188 Resp: 575016
Ion Ratio Lower Upper
188 100
94 8.6 7.8 11.6
80 8.6 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 9.076 ng
RT: 10.883 min Scan# 1368
Delta R.T. -0.236 min
Lab File: BF132417.D
Acq: 13 Feb 2023 19:07

Tgt Ion:248 Resp: 60912
Ion Ratio Lower Upper
248 100
250 200.2 78.1 117.1#
141 448.4 57.9 86.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.236 min Scan# 1938

Delta R.T. -0.006 min

Lab File: BF132417.D

Acq: 13 Feb 2023 19:07

Instrument :

BNA_F

ClientSampleId :

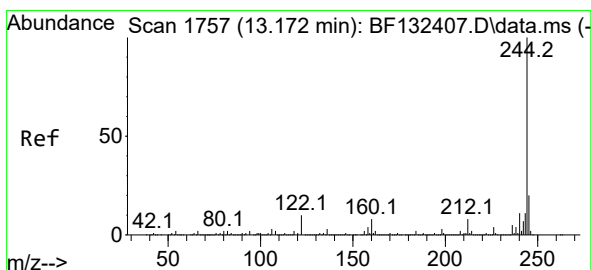
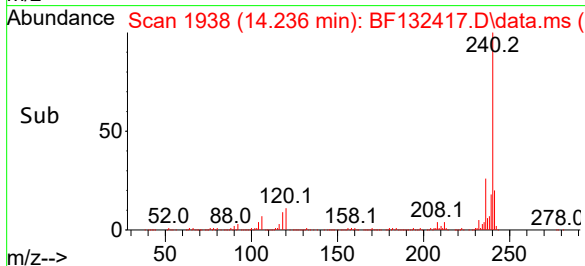
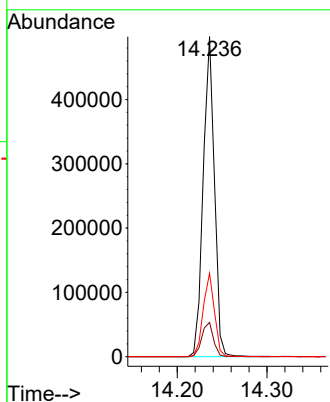
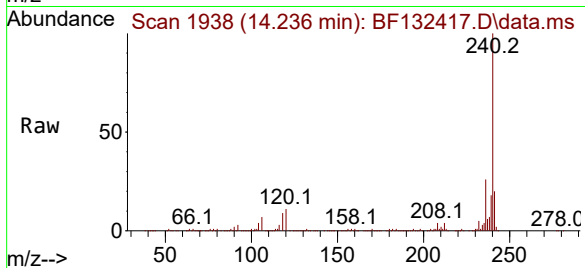
Tgt Ion:240 Resp: 432087

Ion Ratio Lower Upper

240 100

120 10.7 7.7 11.5

236 26.1 21.1 31.7



#79

Terphenyl-d14

Concen: 150.993 ng

RT: 13.183 min Scan# 1759

Delta R.T. 0.011 min

Lab File: BF132417.D

Acq: 13 Feb 2023 19:07

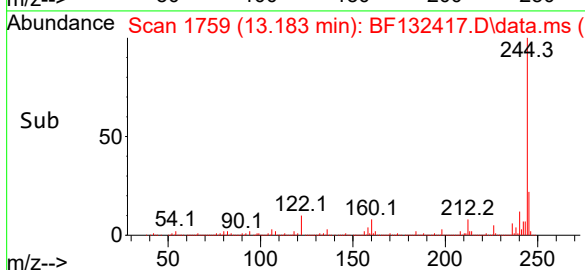
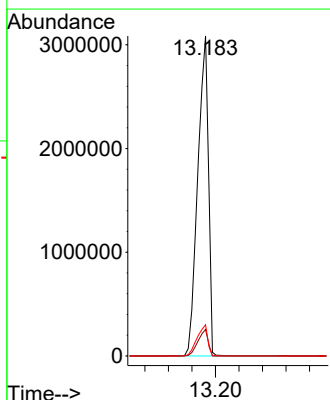
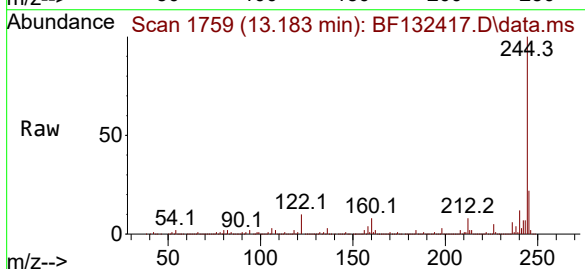
Tgt Ion:244 Resp: 3879222

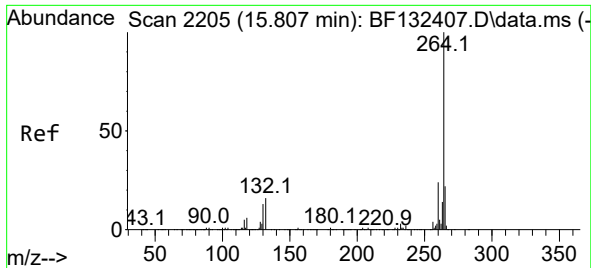
Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

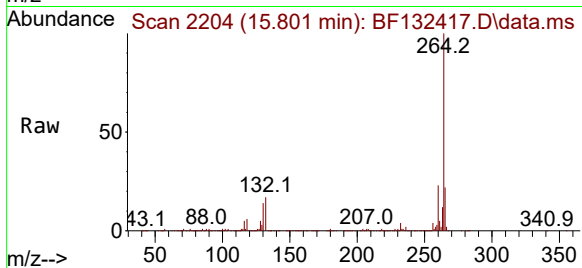
122 9.7 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.801 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132417.D
 Acq: 13 Feb 2023 19:07

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 452793
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.9 17.7 26.5

