

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022323\
 Data File : BF132519.D
 Acq On : 23 Feb 2023 14:22
 Operator : CG\JU
 Sample : PB151028BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151028BL

Quant Time: Feb 24 00:36:40 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)

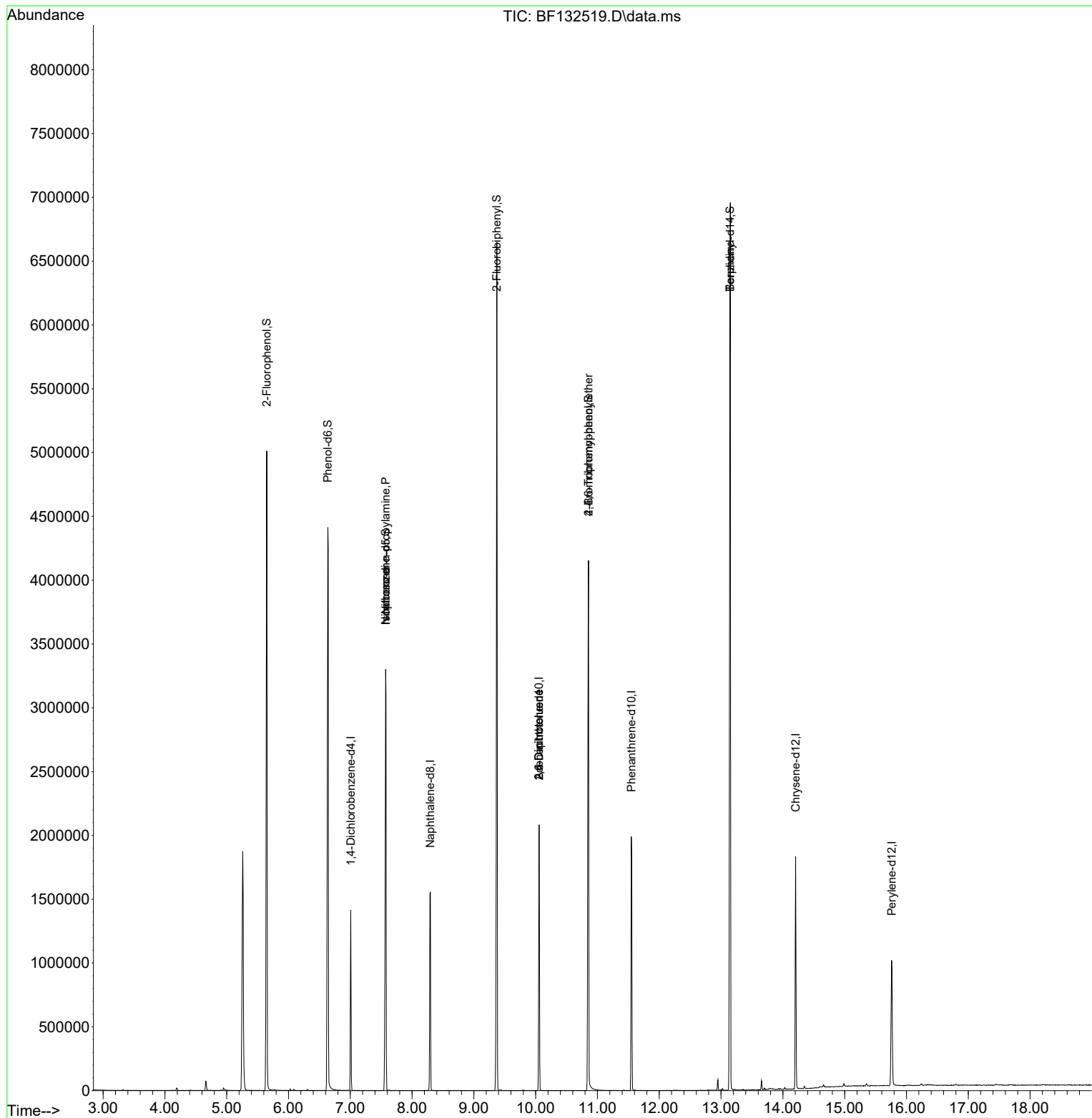
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	189419	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	702216	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	388042	20.000	ng	0.00
64) Phenanthrene-d10	11.548	188	765069	20.000	ng	0.00
76) Chrysene-d12	14.207	240	588176	20.000	ng	-0.01
86) Perylene-d12	15.759	264	488967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.648	112	1450536	124.284	ng	0.01
7) Phenol-d6	6.637	99	1900010	124.739	ng	0.00
23) Nitrobenzene-d5	7.572	82	1288045	87.025	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	540400	128.953	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	2018047	79.187	ng	0.00
79) Terphenyl-d14	13.148	244	2638905	75.857	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.572	70	174738	18.640	ng	# 78
25) Isophorone	7.572	82	1285377	45.297	ng	# 67
51) 2,6-Dinitrotoluene	10.054	165	51160	7.951	ng	# 22
57) 2,4-Dinitrotoluene	10.054	165	51160	5.976	ng	# 21
67) 4-Bromophenyl-phenylether	10.854	248	34765	4.017	ng	# 1
77) Benzidine	13.148	184	40102	2.801	ng	# 95

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

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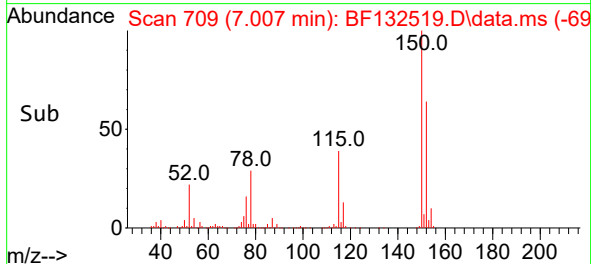
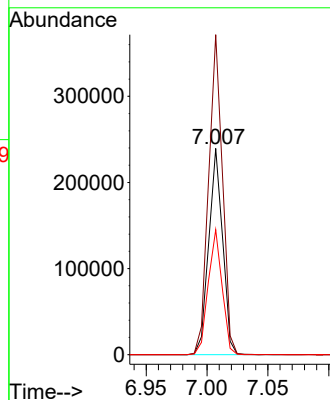
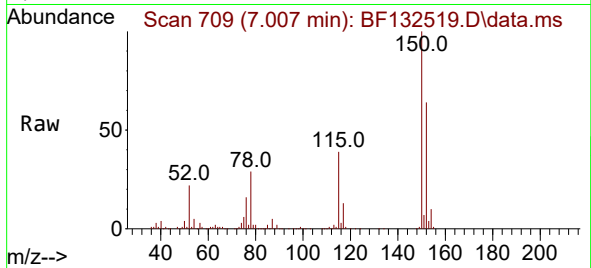




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.007 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

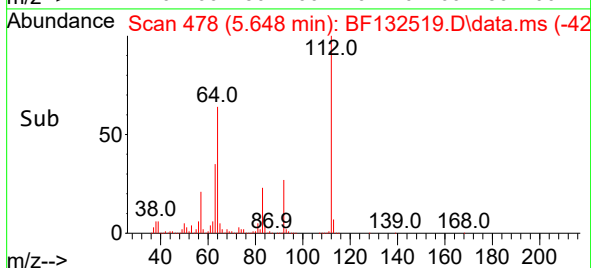
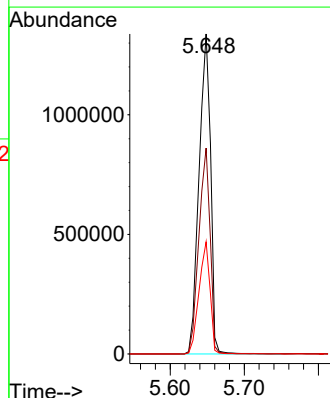
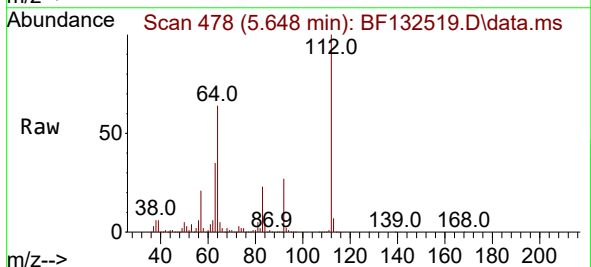
Instrument :
BNA_F
ClientSampleId :
PB151028BL

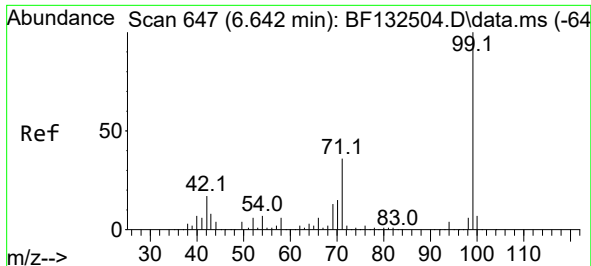
Tgt Ion:152 Resp: 189419
Ion Ratio Lower Upper
152 100
150 155.2 125.4 188.2
115 60.6 47.8 71.6



#5
2-Fluorophenol
Concen: 124.284 ng
RT: 5.648 min Scan# 478
Delta R.T. 0.012 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

Tgt Ion:112 Resp: 1450536
Ion Ratio Lower Upper
112 100
64 64.4 51.6 77.4
63 35.1 27.4 41.2

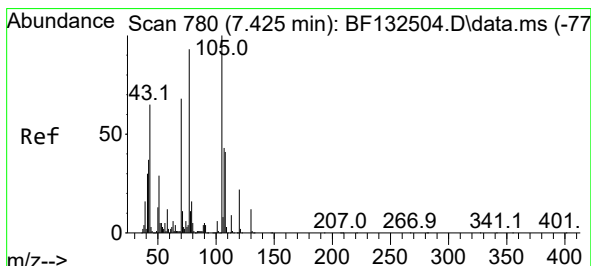
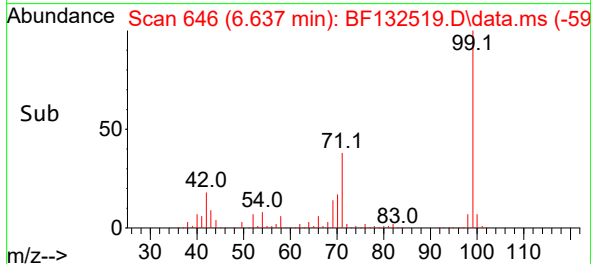
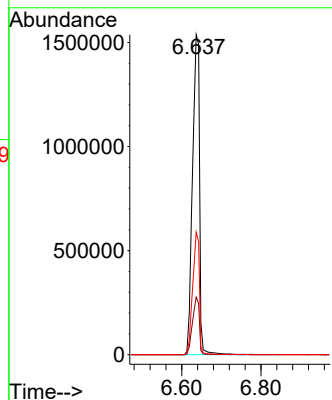
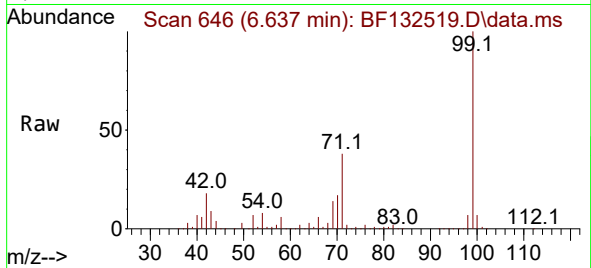




#7
Phenol-d6
Concen: 124.739 ng
RT: 6.637 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

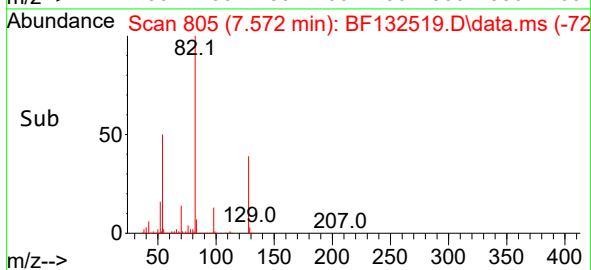
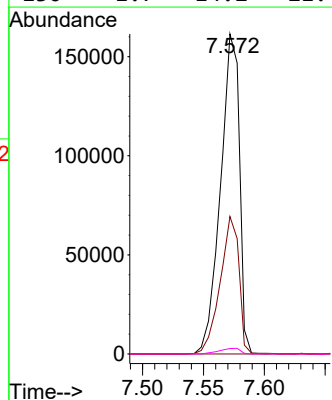
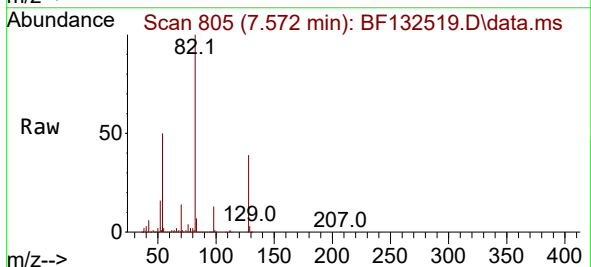
Instrument :
BNA_F
ClientSampleId :
PB151028BL

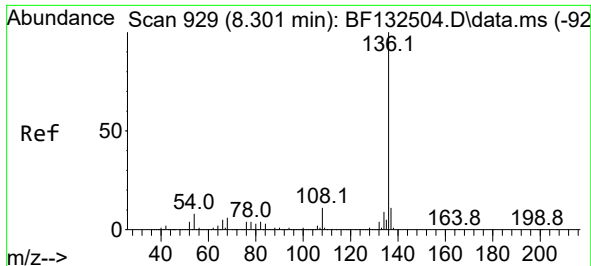
Tgt Ion: 99 Resp: 1900010
Ion Ratio Lower Upper
99 100
42 18.0 13.9 20.9
71 38.3 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.640 ng
RT: 7.572 min Scan# 805
Delta R.T. 0.147 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

Tgt Ion: 70 Resp: 174738
Ion Ratio Lower Upper
70 100
42 42.9 44.1 66.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.4#

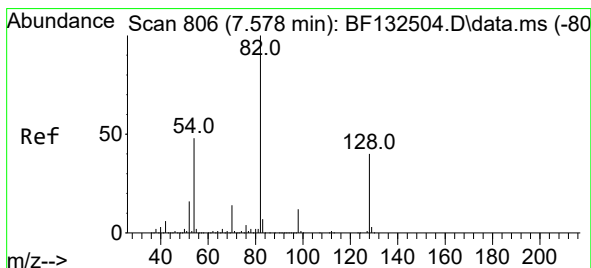
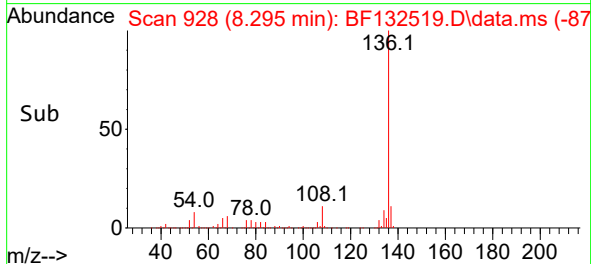
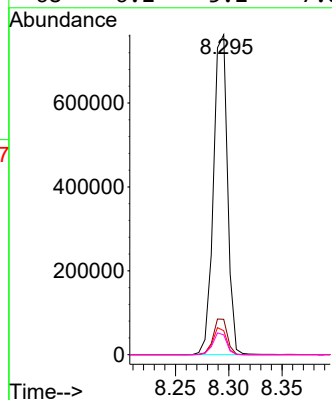
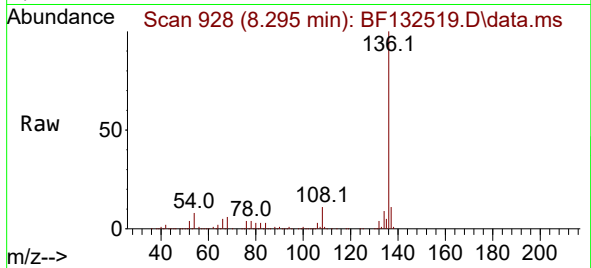




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

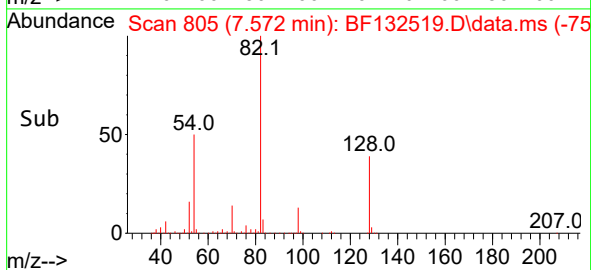
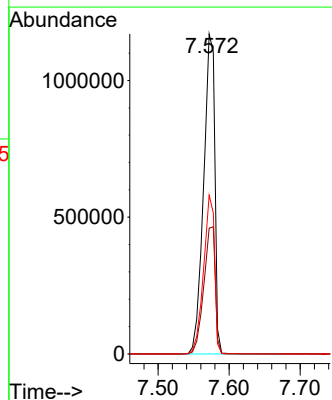
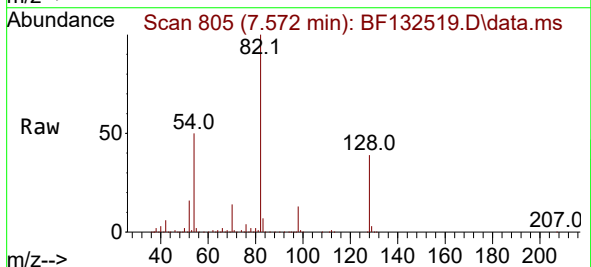
Instrument :
BNA_F
ClientSampleId :
PB151028BL

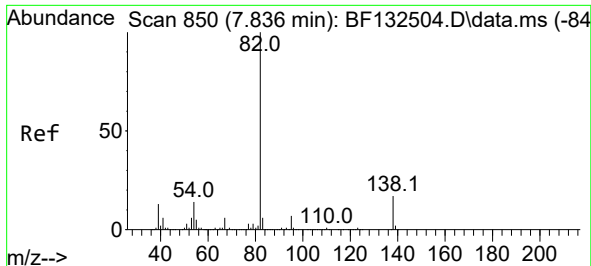
Tgt Ion:136 Resp: 702216
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 6.2 9.4
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 87.025 ng
RT: 7.572 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

Tgt Ion: 82 Resp: 1288045
Ion Ratio Lower Upper
82 100
128 39.3 32.2 48.2
54 49.6 38.4 57.6

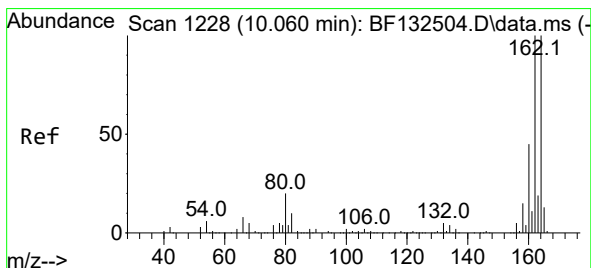
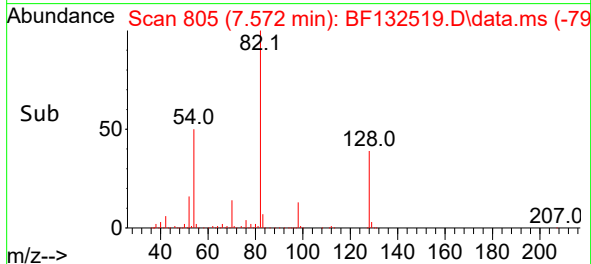
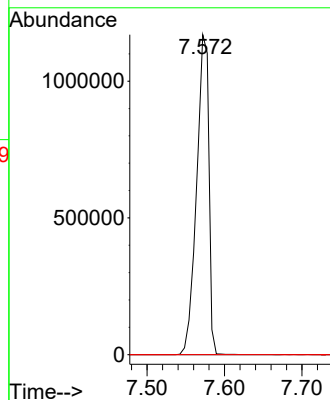
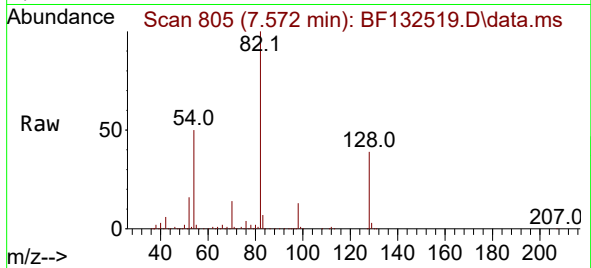




#25
Isophorone
Concen: 45.297 ng
RT: 7.572 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

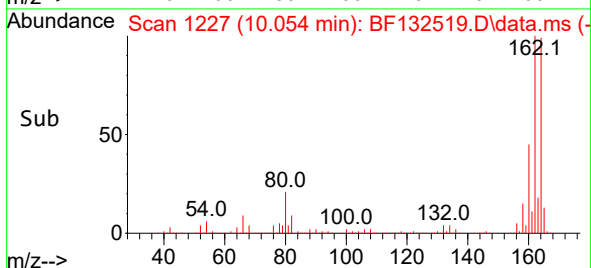
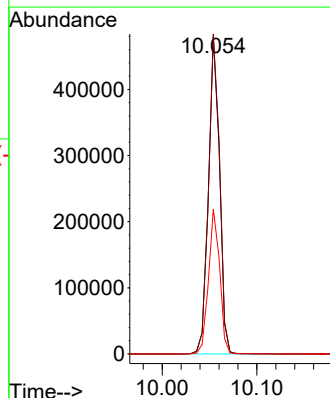
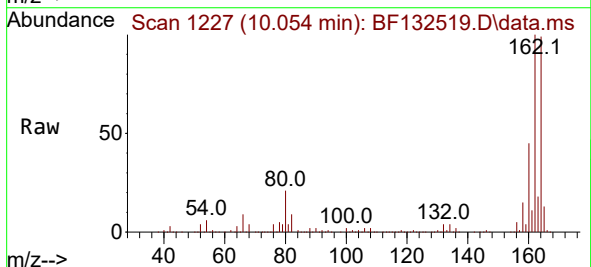
Instrument :
BNA_F
ClientSampleId :
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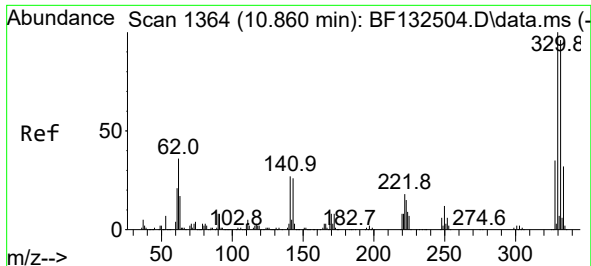
Tgt Ion: 82 Resp: 1285377
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

Tgt Ion:164 Resp: 388042
Ion Ratio Lower Upper
164 100
162 100.9 79.8 119.8
160 45.7 35.8 53.6

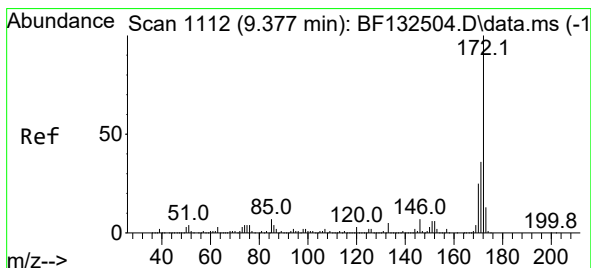
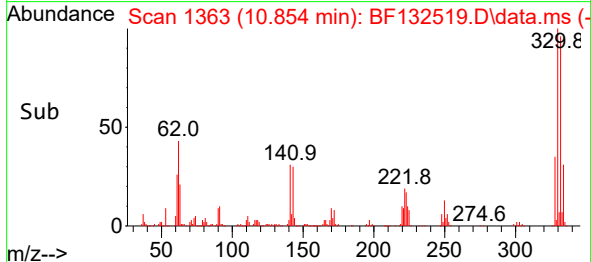
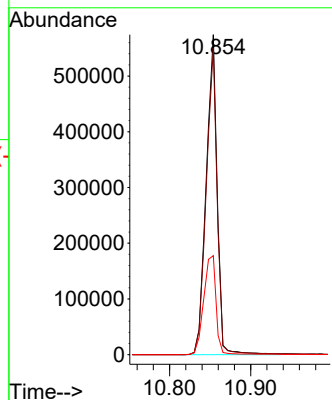
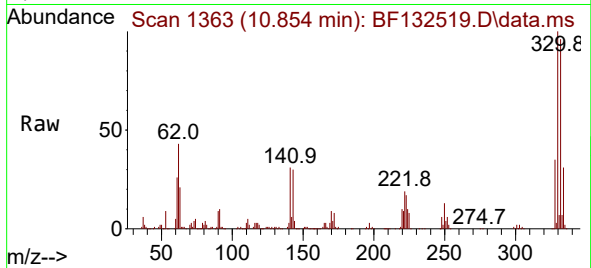




#42
2,4,6-Tribromophenol
Concen: 128.953 ng
RT: 10.854 min Scan# 1111
Delta R.T. -0.006 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

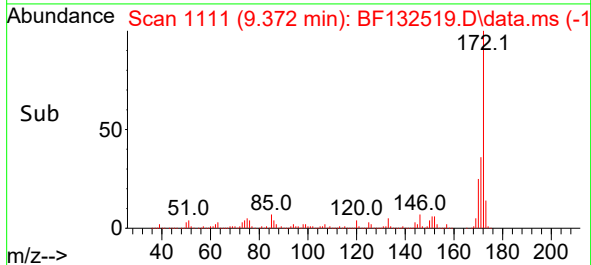
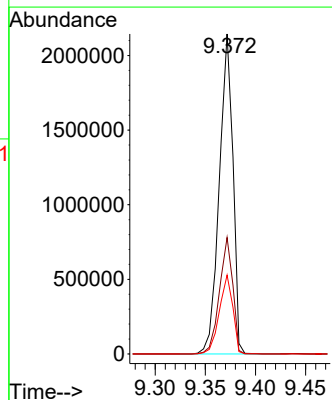
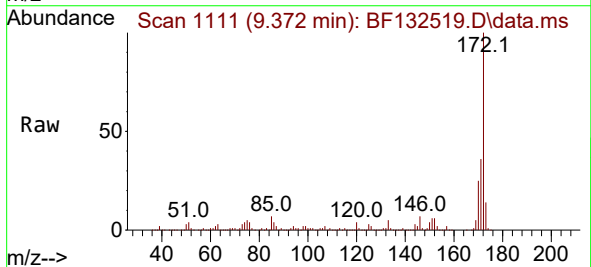
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ClientSampleId :
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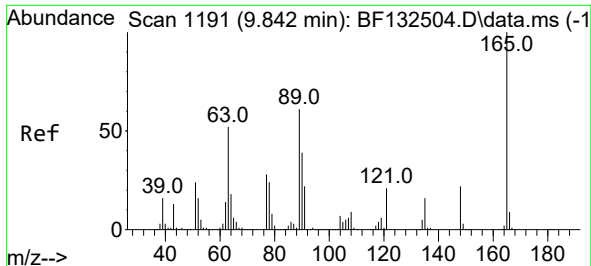
Tgt Ion:330 Resp: 540400
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 35.1 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 79.187 ng
RT: 9.372 min Scan# 1111
Delta R.T. -0.005 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

Tgt Ion:172 Resp: 2018047
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.7 19.7 29.5

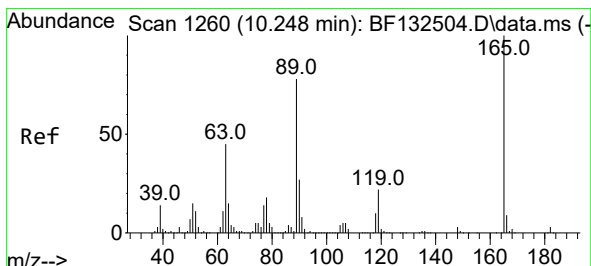
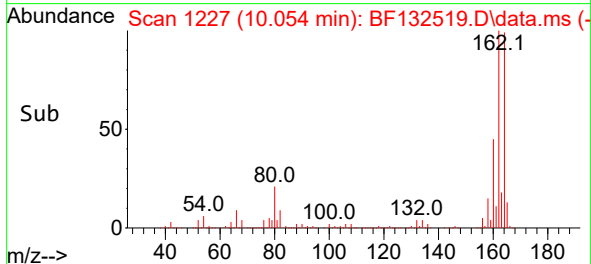
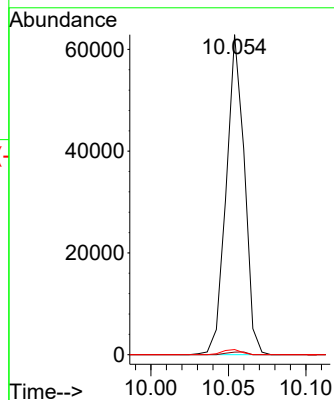
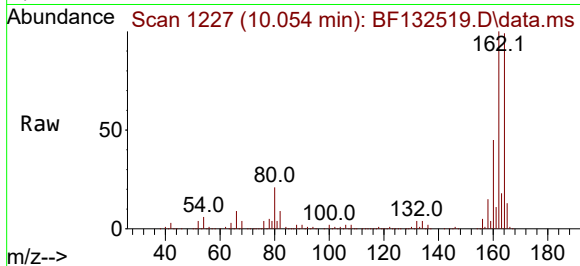




#51
2,6-Dinitrotoluene
Concen: 7.951 ng
RT: 10.054 min Scan# 1191
Delta R.T. 0.212 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

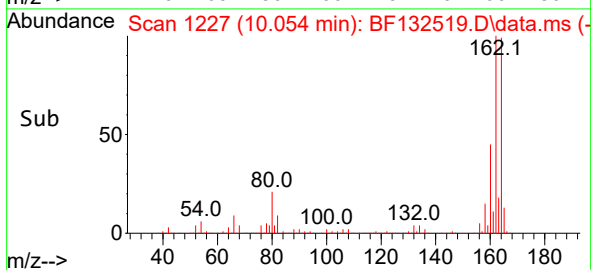
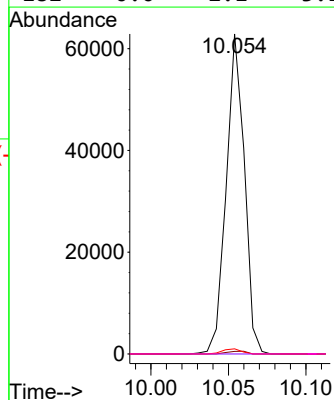
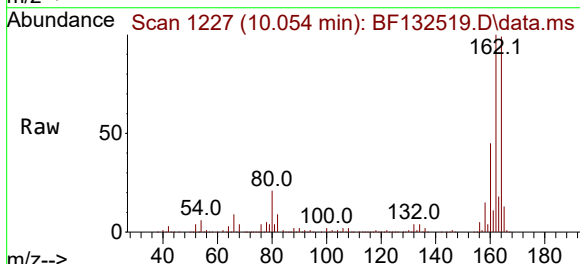
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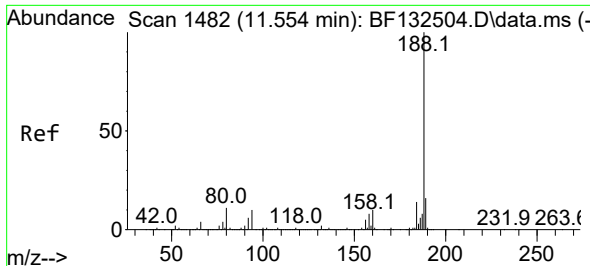
Tgt Ion:165 Resp: 51160
Ion Ratio Lower Upper
165 100
63 0.8 47.3 70.9#
89 1.6 48.9 73.3#



#57
2,4-Dinitrotoluene
Concen: 5.976 ng
RT: 10.054 min Scan# 1227
Delta R.T. -0.194 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

Tgt Ion:165 Resp: 51160
Ion Ratio Lower Upper
165 100
63 0.8 36.5 54.7#
89 1.6 62.4 93.6#
182 0.0 2.1 3.1#

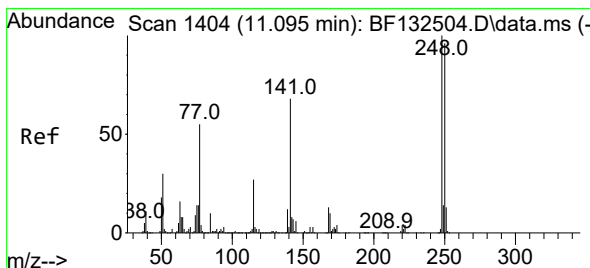
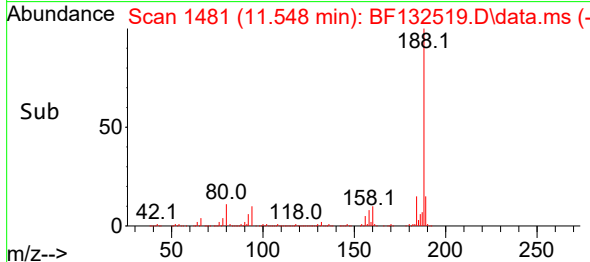
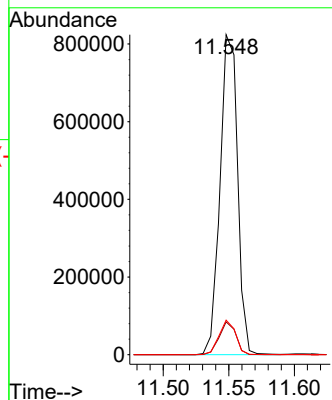
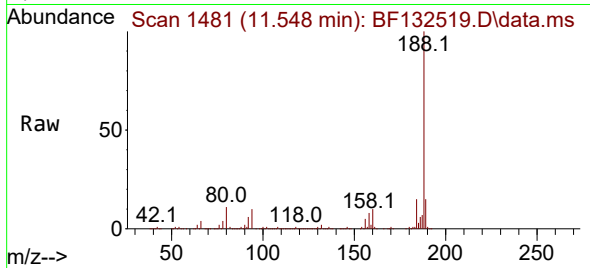




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.548 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

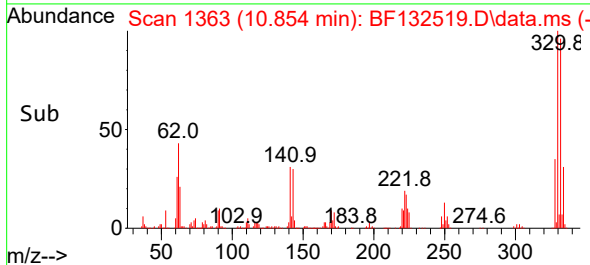
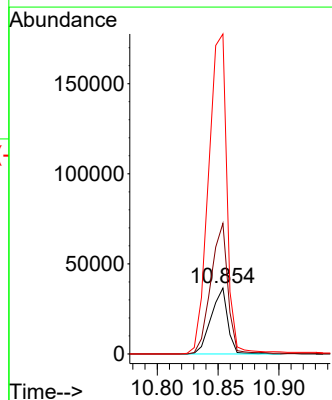
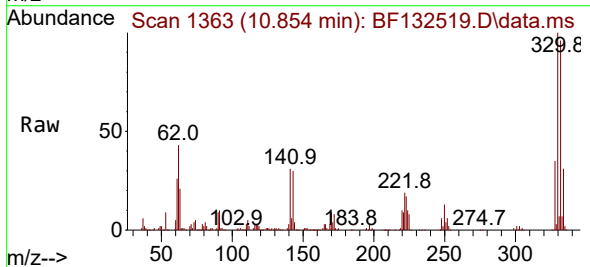
Instrument :
BNA_F
ClientSampleId :
PB151028BL

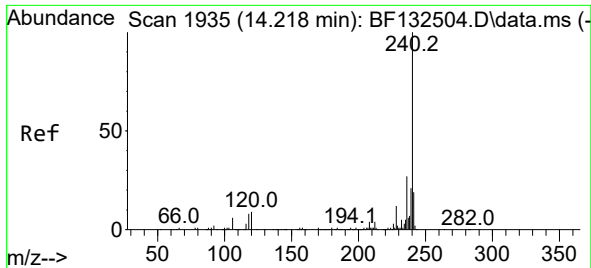
Tgt Ion:188 Resp: 765069
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 10.8 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 4.017 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.241 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

Tgt Ion:248 Resp: 34765
Ion Ratio Lower Upper
248 100
250 197.9 77.0 115.4#
141 484.8 54.2 81.2#

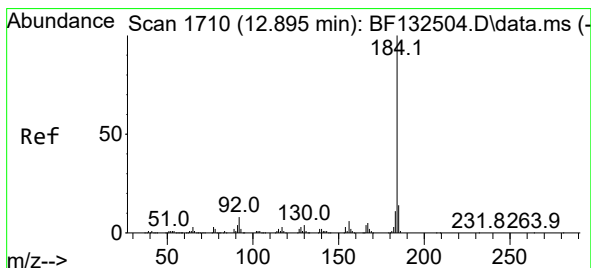
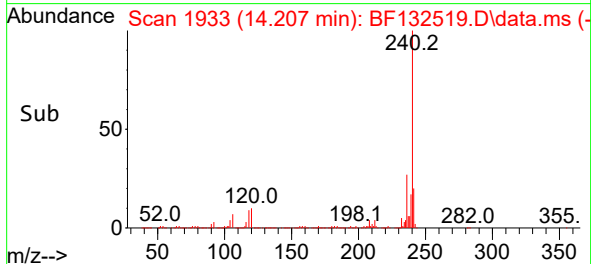
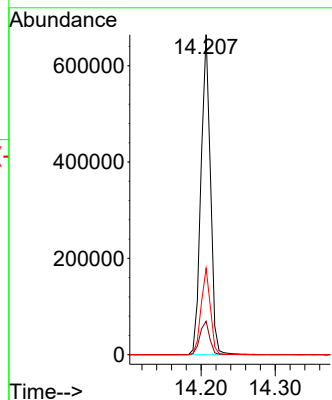
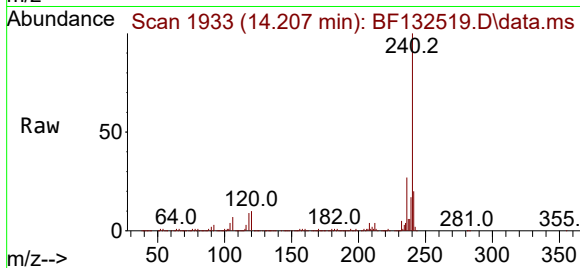




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

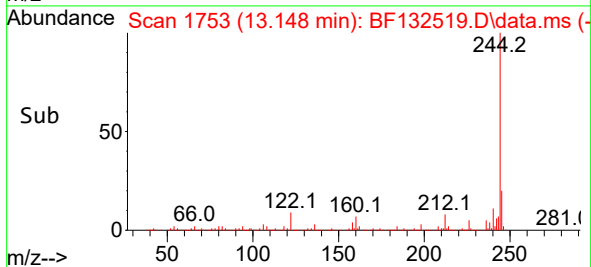
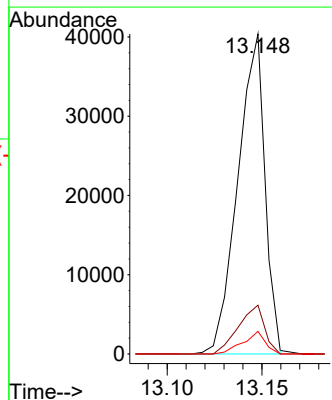
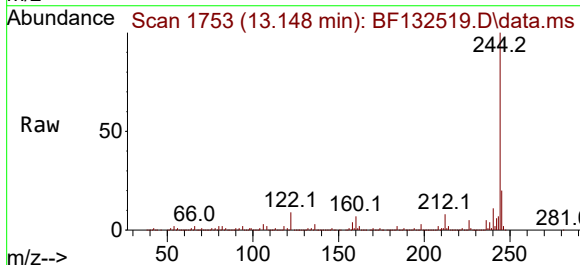
Instrument :
BNA_F
ClientSampleId :
PB151028BL

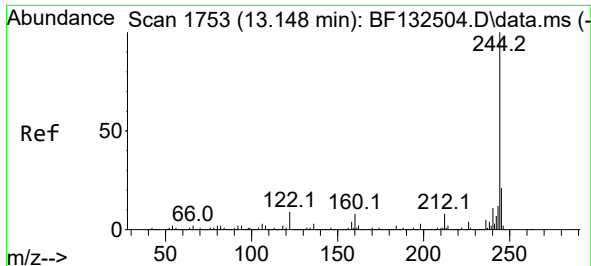
Tgt Ion:240 Resp: 588176
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 27.0 21.8 32.6



#77
Benzidine
Concen: 2.801 ng
RT: 13.148 min Scan# 1753
Delta R.T. 0.253 min
Lab File: BF132519.D
Acq: 23 Feb 2023 14:22

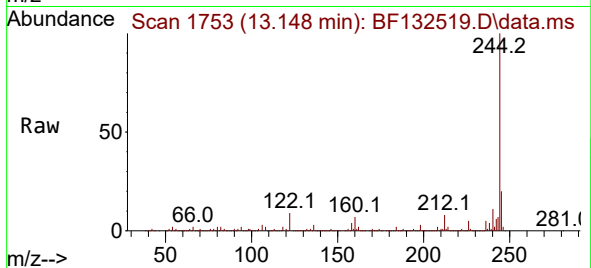
Tgt Ion:184 Resp: 40102
Ion Ratio Lower Upper
184 100
185 15.3 11.7 17.5
183 7.0 8.7 13.1#



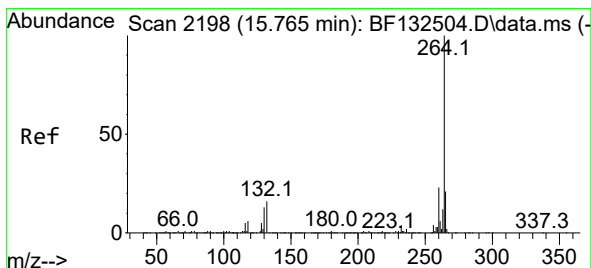
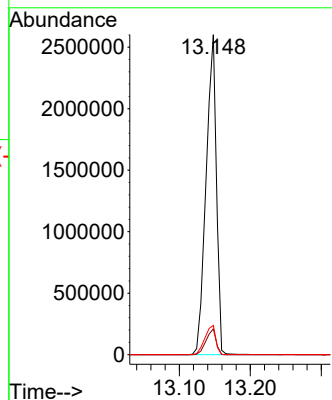
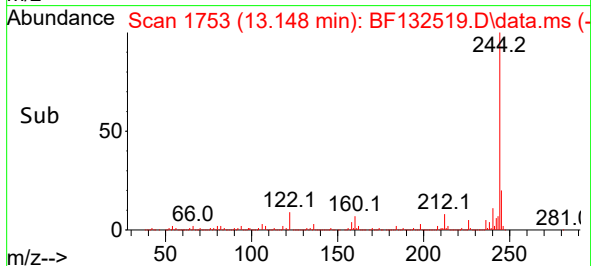


#79
 Terphenyl-d14
 Concen: 75.857 ng
 RT: 13.148 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132519.D
 Acq: 23 Feb 2023 14:22

Instrument :
 BNA_F
 ClientSampleId :
 PB151028BL



Tgt Ion:244 Resp: 2638905
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.759 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF132519.D
 Acq: 23 Feb 2023 14:22

Tgt Ion:264 Resp: 488967
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.8 28.2
 265 21.9 17.1 25.7

