

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021522\
 Data File : BF126885.D
 Acq On : 15 Feb 2022 11:59
 Operator : CG\JU
 Sample : PB142676BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142676BL

Quant Time: Feb 16 00:15:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

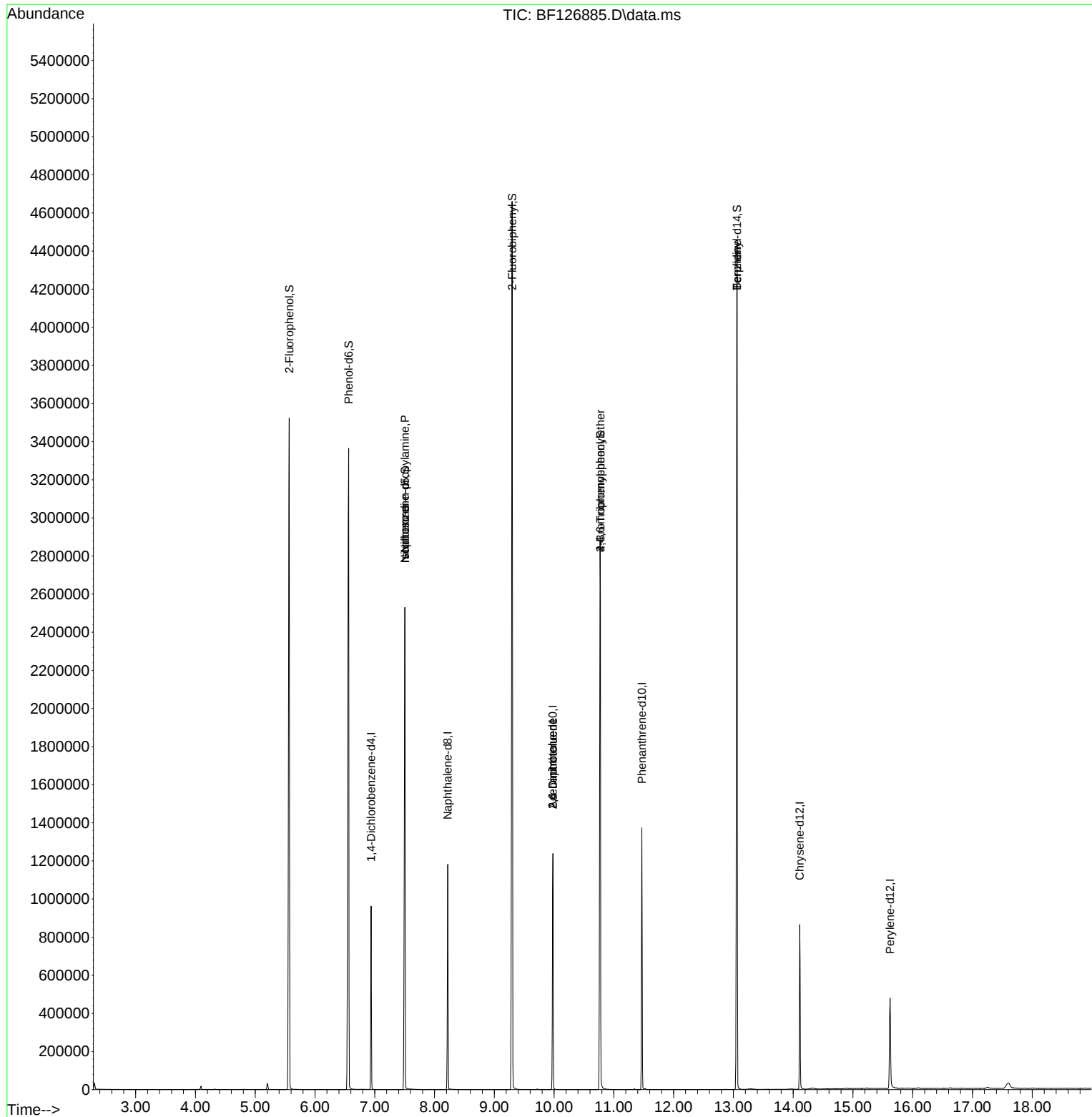
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	116030	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	476025	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	246741	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	437577	20.000	ng	0.00
76) Chrysene-d12	14.110	240	275917	20.000	ng	-0.01
86) Perylene-d12	15.621	264	208453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	979671	129.997	ng	0.01
7) Phenol-d6	6.563	99	1289305	126.730	ng	0.00
23) Nitrobenzene-d5	7.504	82	919679	89.142	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	366542	138.567	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1413423	86.228	ng	0.00
79) Terphenyl-d14	13.063	244	1615779	83.950	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	124466	19.319	ng	# 77
25) Isophorone	7.504	82	919668	53.206	ng	# 68
51) 2,6-Dinitrotoluene	9.980	165	31238	8.837	ng	# 21
57) 2,4-Dinitrotoluene	9.980	165	31238	6.684	ng	# 16
67) 4-Bromophenyl-phenylether	10.774	248	22081	4.643	ng	# 1
77) Benzidine	13.063	184	24128	3.323	ng	# 96

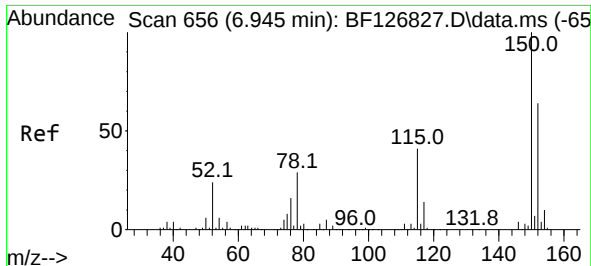
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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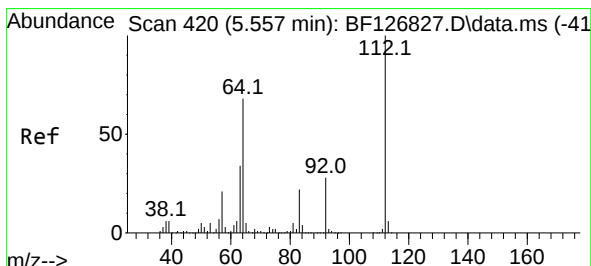
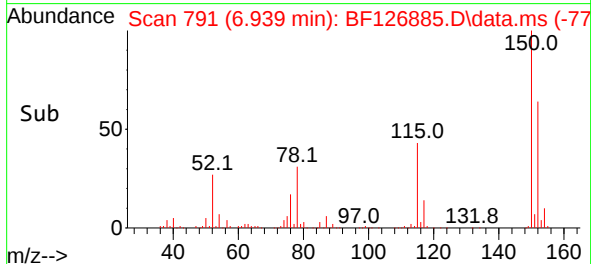
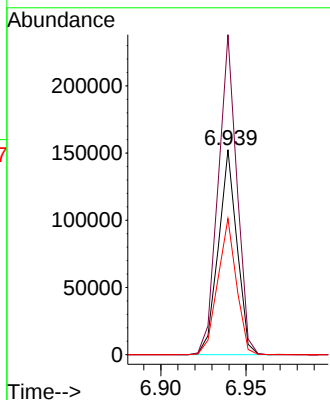
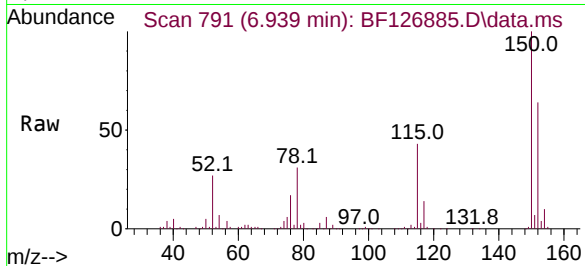




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

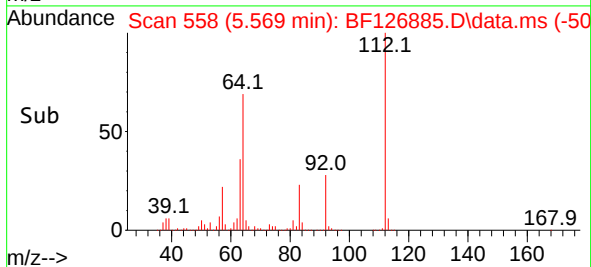
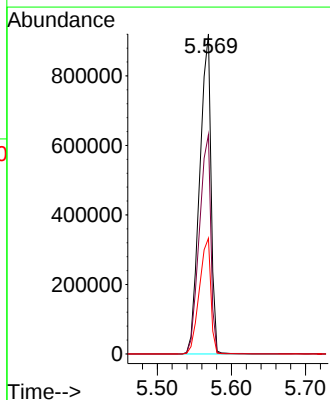
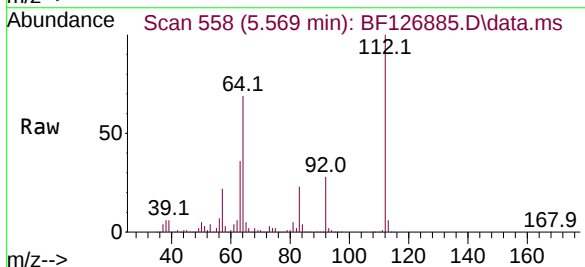
Instrument :
BNA_F
ClientSampleId :
PB142676BL

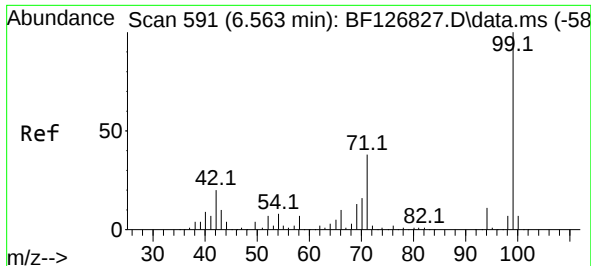
Tgt Ion:152 Resp: 116030
Ion Ratio Lower Upper
152 100
150 156.1 124.3 186.5
115 66.4 50.5 75.7



#5
2-Fluorophenol
Concen: 129.997 ng
RT: 5.569 min Scan# 558
Delta R.T. 0.012 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

Tgt Ion:112 Resp: 979671
Ion Ratio Lower Upper
112 100
64 68.5 54.3 81.5
63 36.1 27.5 41.3

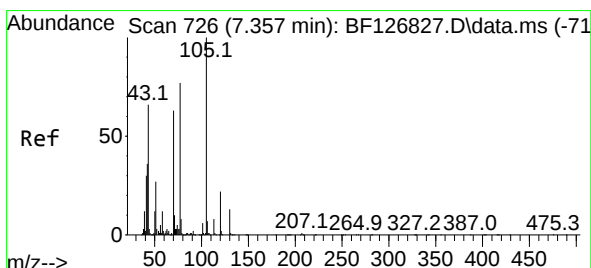
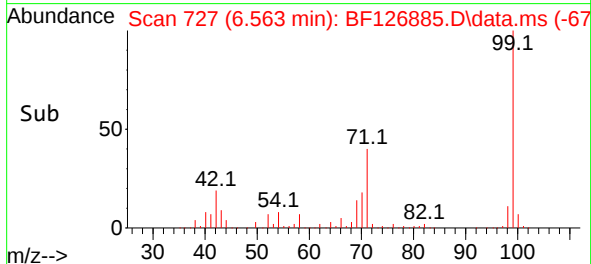
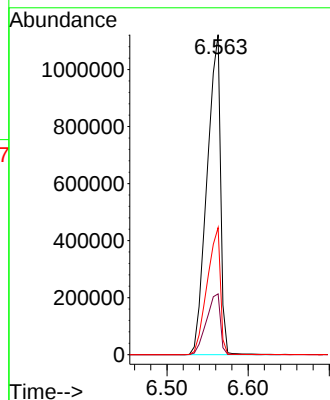
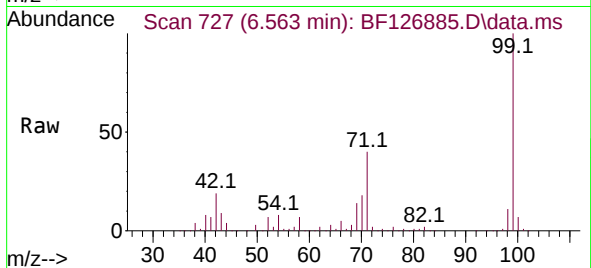




#7
Phenol-d6
Concen: 126.730 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

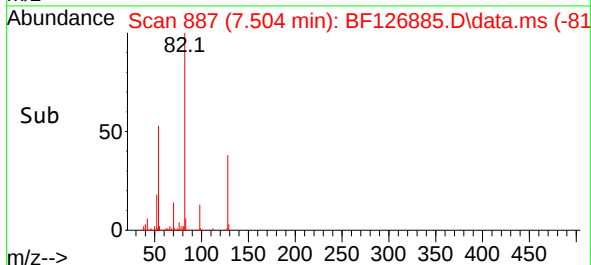
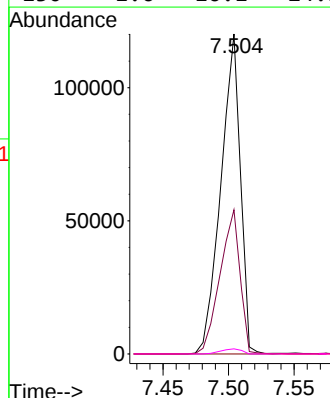
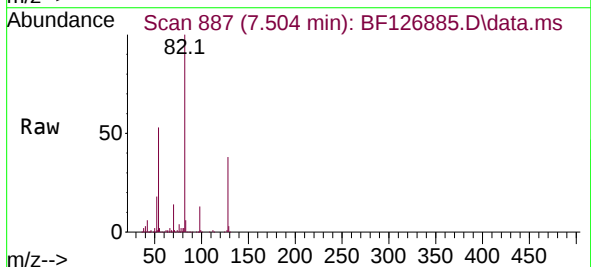
Instrument :
BNA_F
ClientSampleId :
PB142676BL

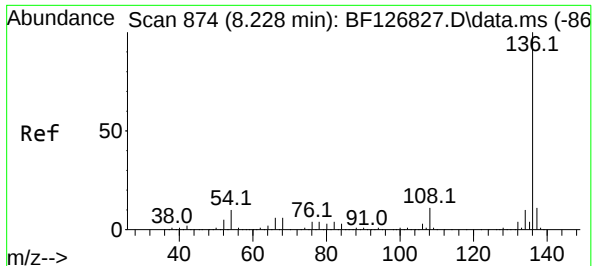
Tgt Ion: 99 Resp: 1289305
Ion Ratio Lower Upper
99 100
42 19.0 15.8 23.6
71 39.7 30.6 45.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.319 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

Tgt Ion: 70 Resp: 124466
Ion Ratio Lower Upper
70 100
42 45.0 46.3 69.5#
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

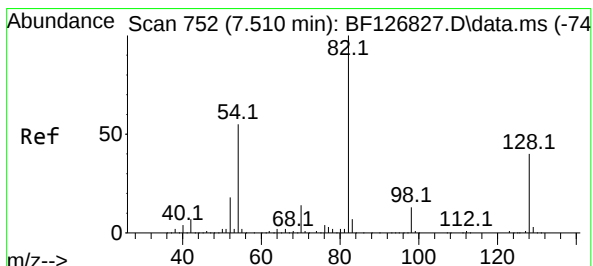
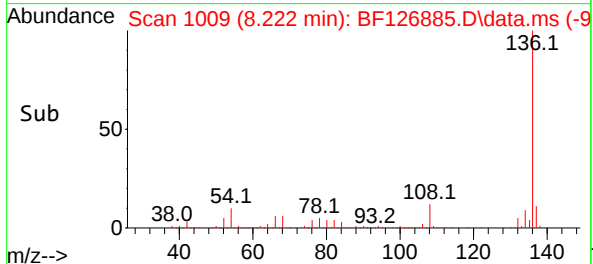
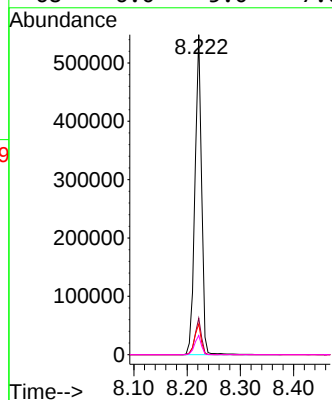
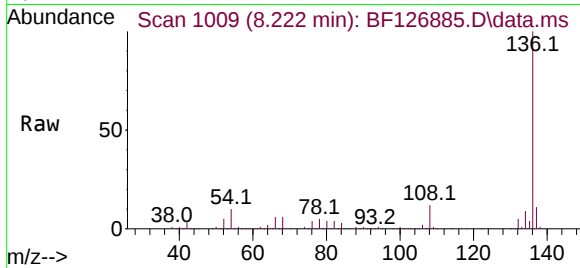




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

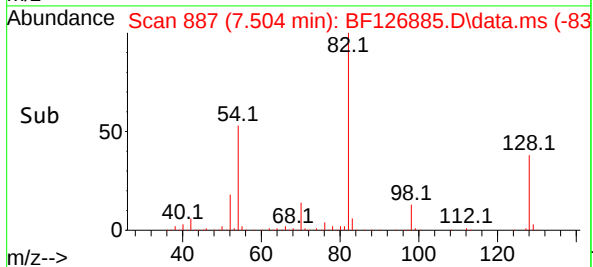
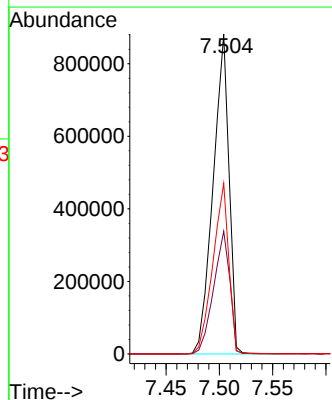
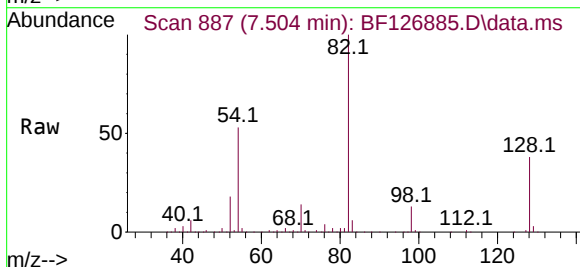
Instrument :
BNA_F
ClientSampleId :
PB142676BL

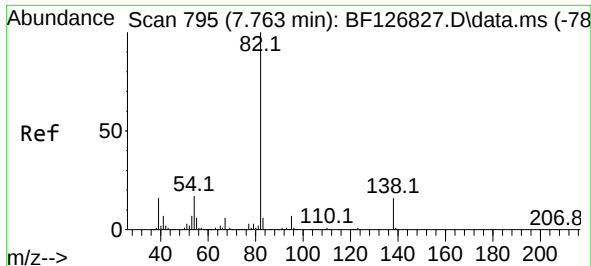
Tgt Ion:136 Resp: 476025
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 9.6 8.0 12.0
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 89.142 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

Tgt Ion: 82 Resp: 919679
Ion Ratio Lower Upper
82 100
128 38.3 31.6 47.4
54 53.3 43.7 65.5

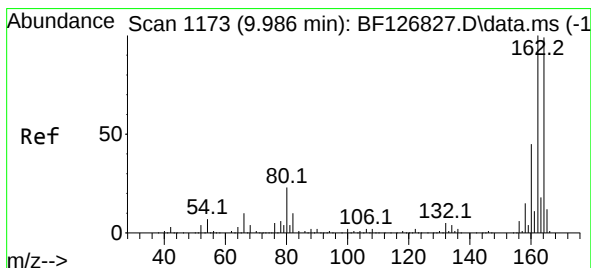
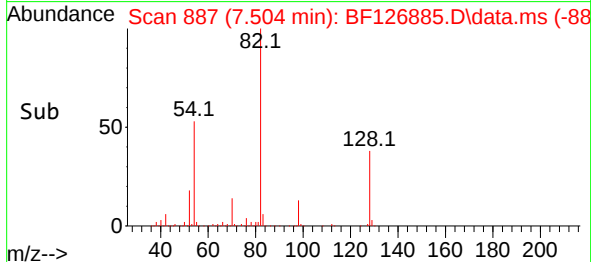
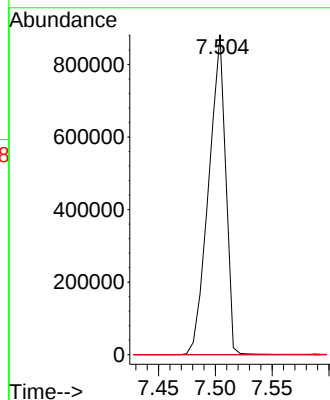
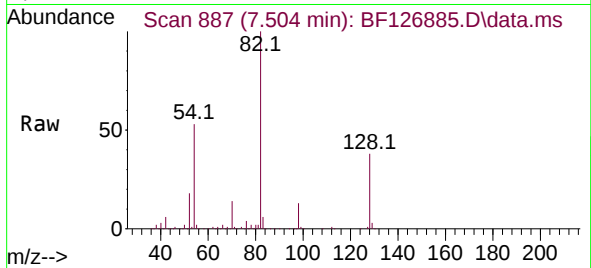




#25
Isophorone
Concen: 53.206 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

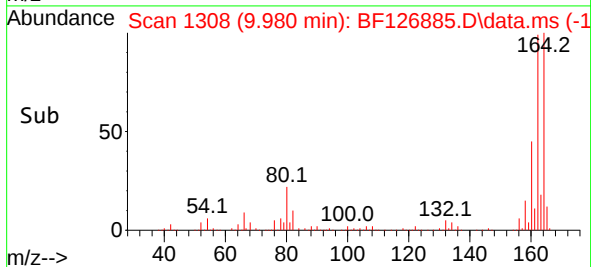
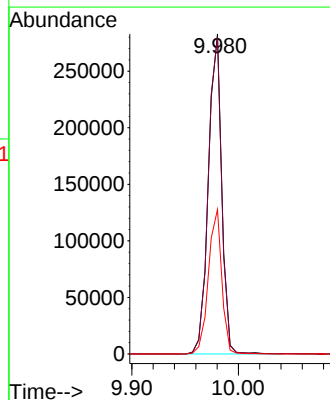
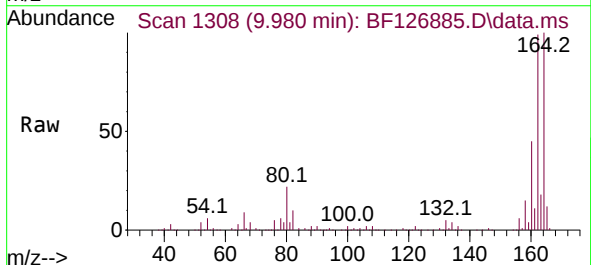
Instrument :
BNA_F
ClientSampleId :
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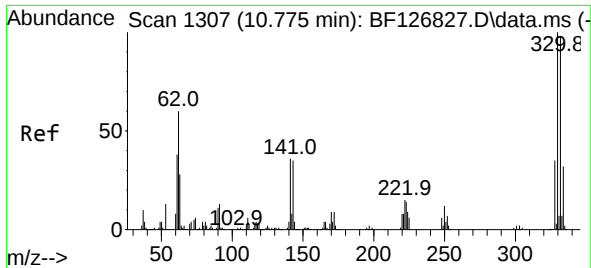
Tgt Ion: 82 Resp: 919668
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

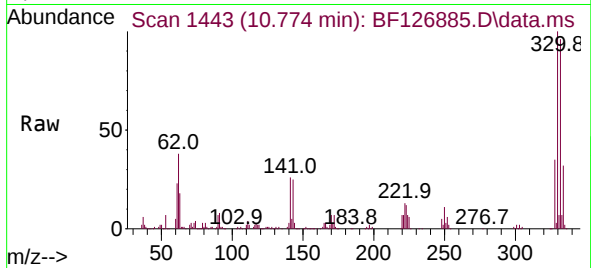
Tgt Ion: 164 Resp: 246741
Ion Ratio Lower Upper
164 100
162 99.0 80.9 121.3
160 45.1 36.0 54.0



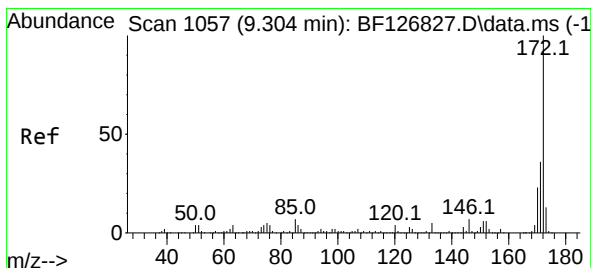
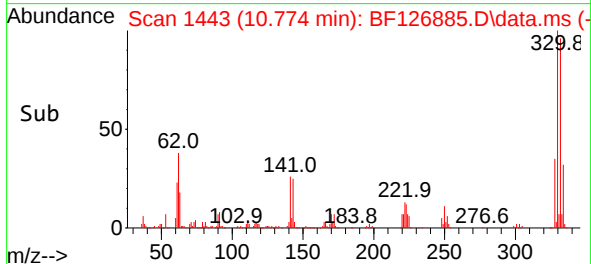
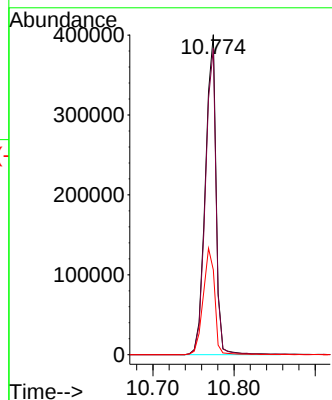


#42
2,4,6-Tribromophenol
Concen: 138.567 ng
RT: 10.774 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

Instrument :
BNA_F
ClientSampleId :
PB142676BL

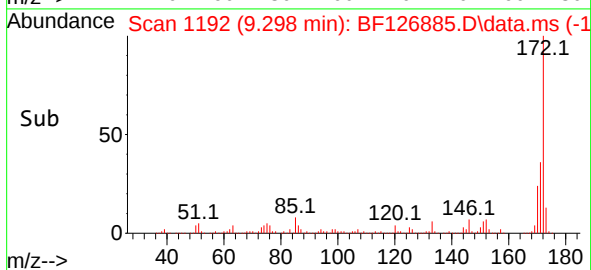
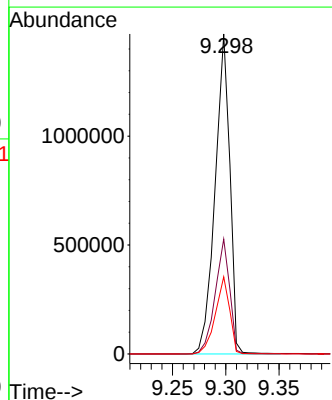
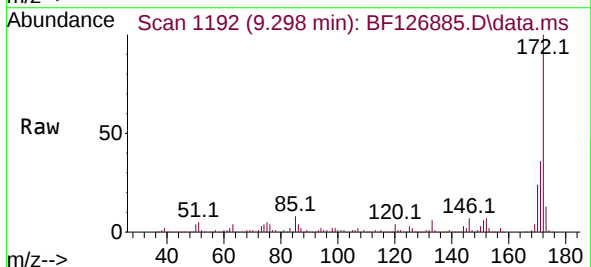


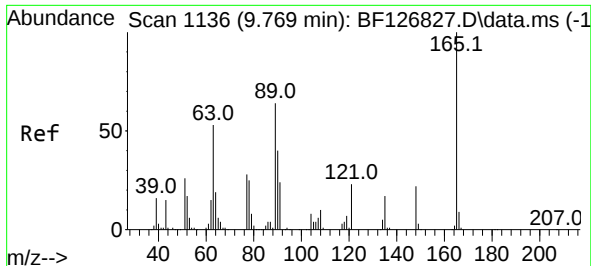
Tgt Ion:330 Resp: 366542
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.4
141 35.6 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 86.228 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

Tgt Ion:172 Resp: 1413423
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.1 18.7 28.1

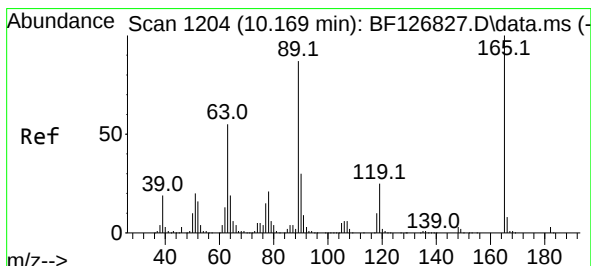
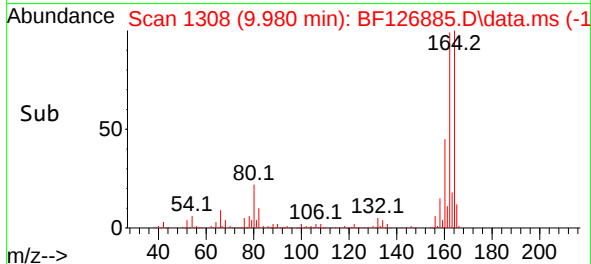
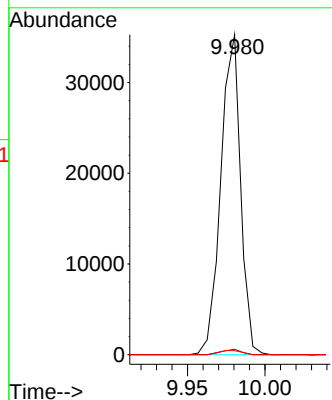
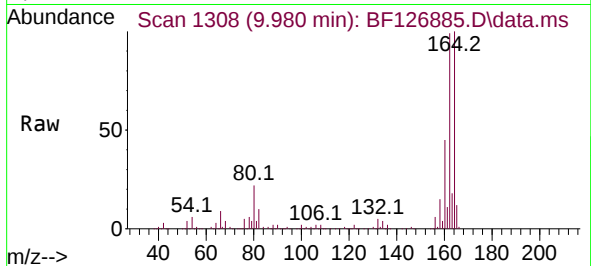




#51
2,6-Dinitrotoluene
Concen: 8.837 ng
RT: 9.980 min Scan# 1136
Delta R.T. 0.211 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

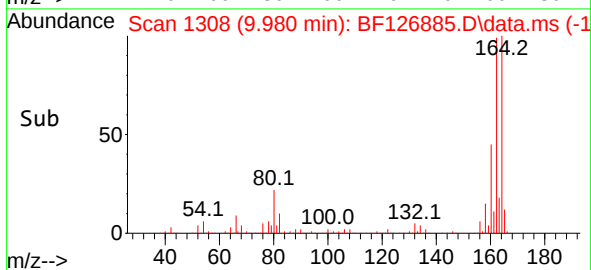
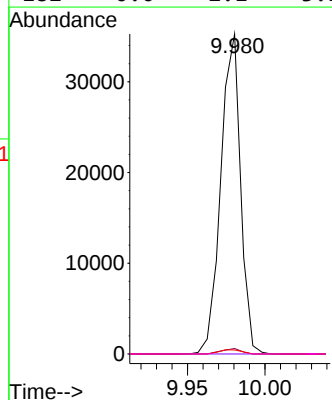
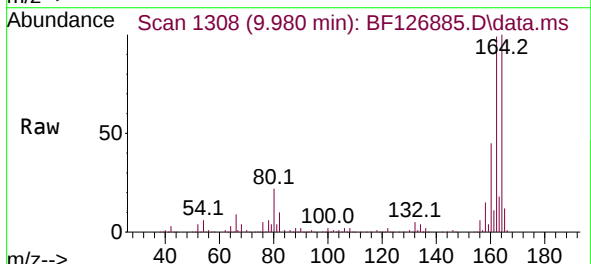
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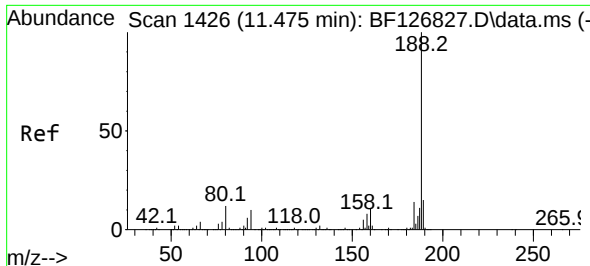
Tgt Ion:165 Resp: 31238
Ion Ratio Lower Upper
165 100
63 1.7 49.9 74.9#
89 1.3 51.0 76.4#



#57
2,4-Dinitrotoluene
Concen: 6.684 ng
RT: 9.980 min Scan# 1308
Delta R.T. -0.188 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

Tgt Ion:165 Resp: 31238
Ion Ratio Lower Upper
165 100
63 1.7 43.9 65.9#
89 1.3 69.8 104.8#
182 0.0 2.1 3.1#

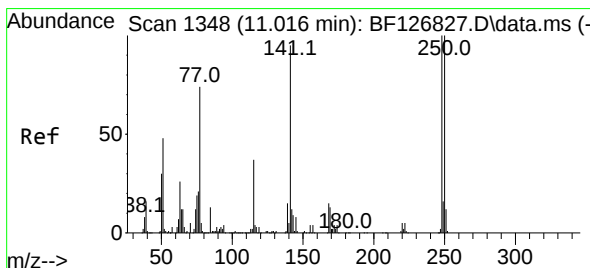
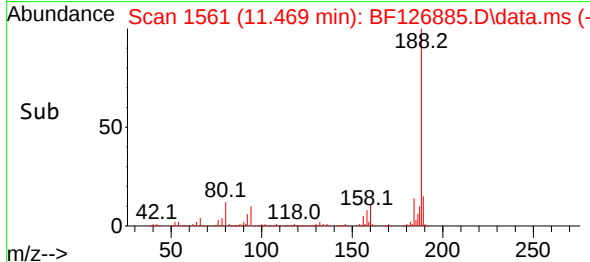
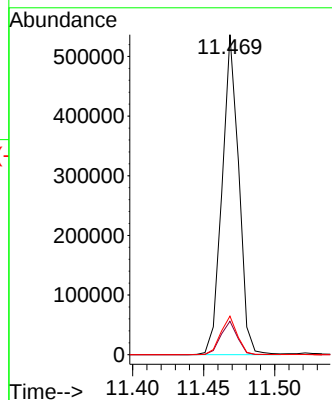
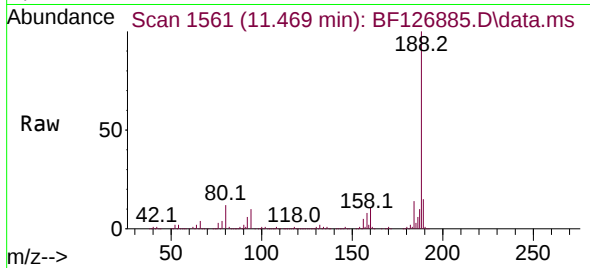




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

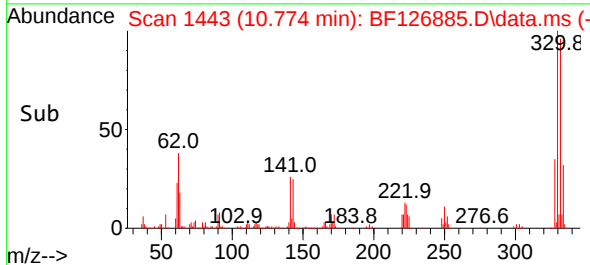
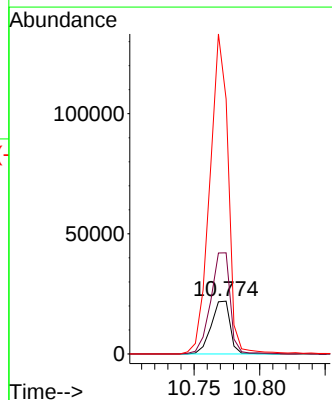
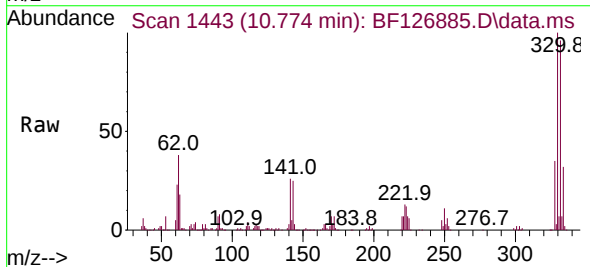
Instrument :
BNA_F
ClientSampleId :
PB142676BL

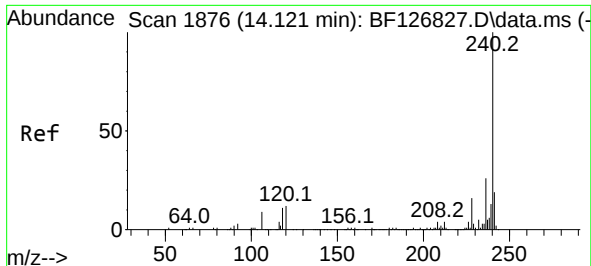
Tgt Ion:188 Resp: 437577
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 12.0 9.5 14.3



#67
4-Bromophenyl-phenylether
Concen: 4.643 ng
RT: 10.774 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

Tgt Ion:248 Resp: 22081
Ion Ratio Lower Upper
248 100
250 191.5 80.0 120.0#
141 482.7 75.6 113.4#

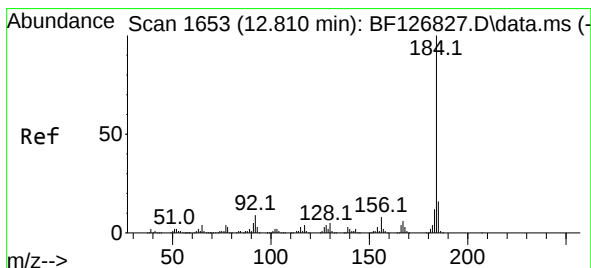
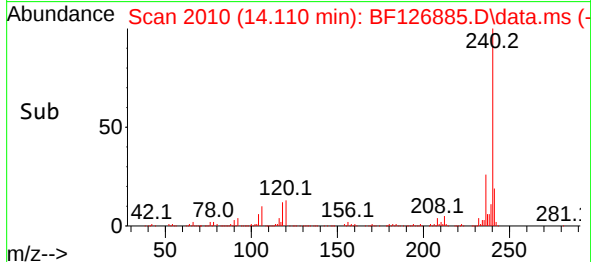
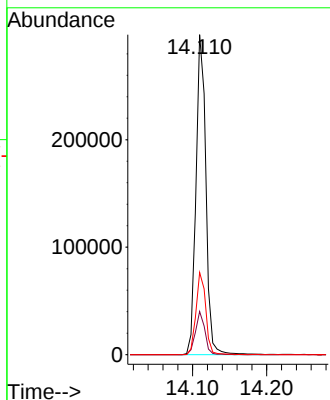
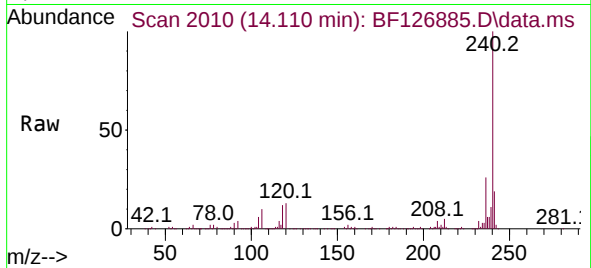




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

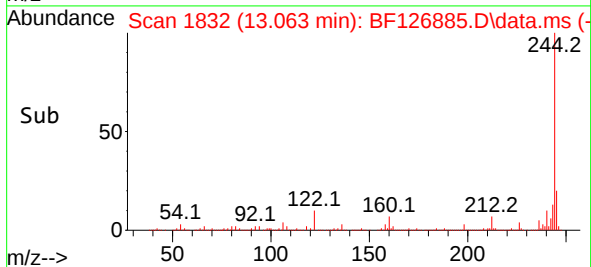
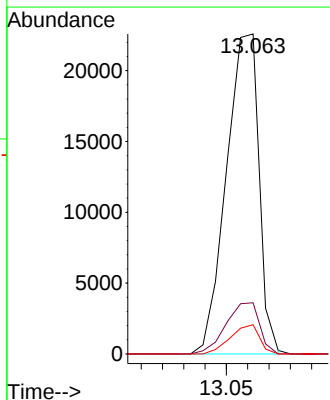
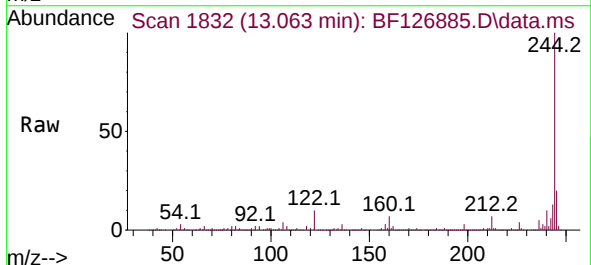
Instrument :
BNA_F
ClientSampleId :
PB142676BL

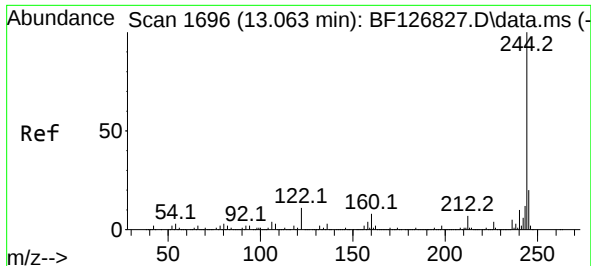
Tgt Ion:240 Resp: 275917
Ion Ratio Lower Upper
240 100
120 13.5 9.8 14.6
236 25.7 20.5 30.7



#77
Benzidine
Concen: 3.323 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.253 min
Lab File: BF126885.D
Acq: 15 Feb 2022 11:59

Tgt Ion:184 Resp: 24128
Ion Ratio Lower Upper
184 100
185 16.0 12.5 18.7
183 9.2 9.6 14.4#

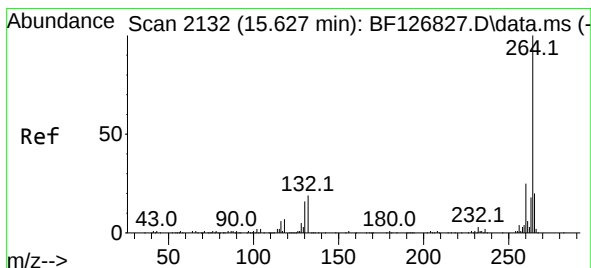
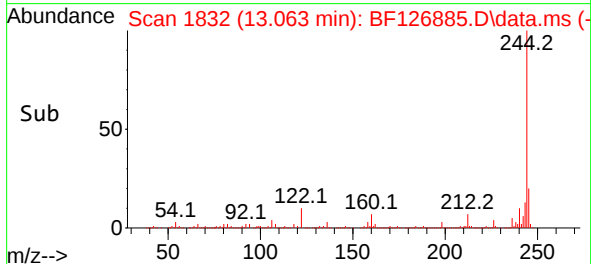
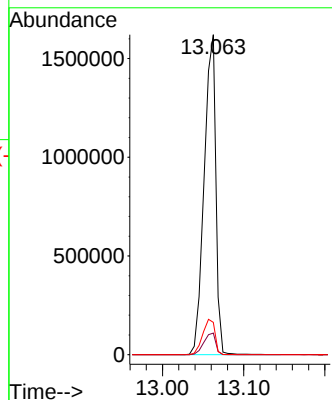
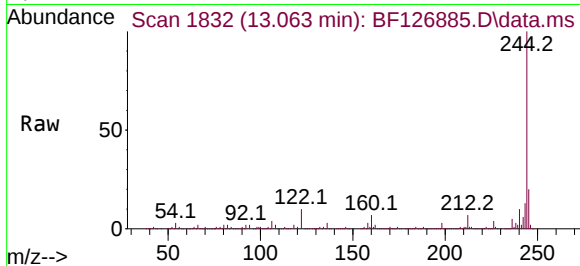




#79
 Terphenyl-d14
 Concen: 83.950 ng
 RT: 13.063 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126885.D
 Acq: 15 Feb 2022 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB142676BL

Tgt Ion:244 Resp: 1615779
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.1 9.0 13.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126885.D
 Acq: 15 Feb 2022 11:59

Tgt Ion:264 Resp: 208453
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 20.4 15.9 23.9

