

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
 Data File : BF135633.D
 Acq On : 06 Oct 2023 17:21
 Operator : CG\JU
 Sample : 04622-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 01:49:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

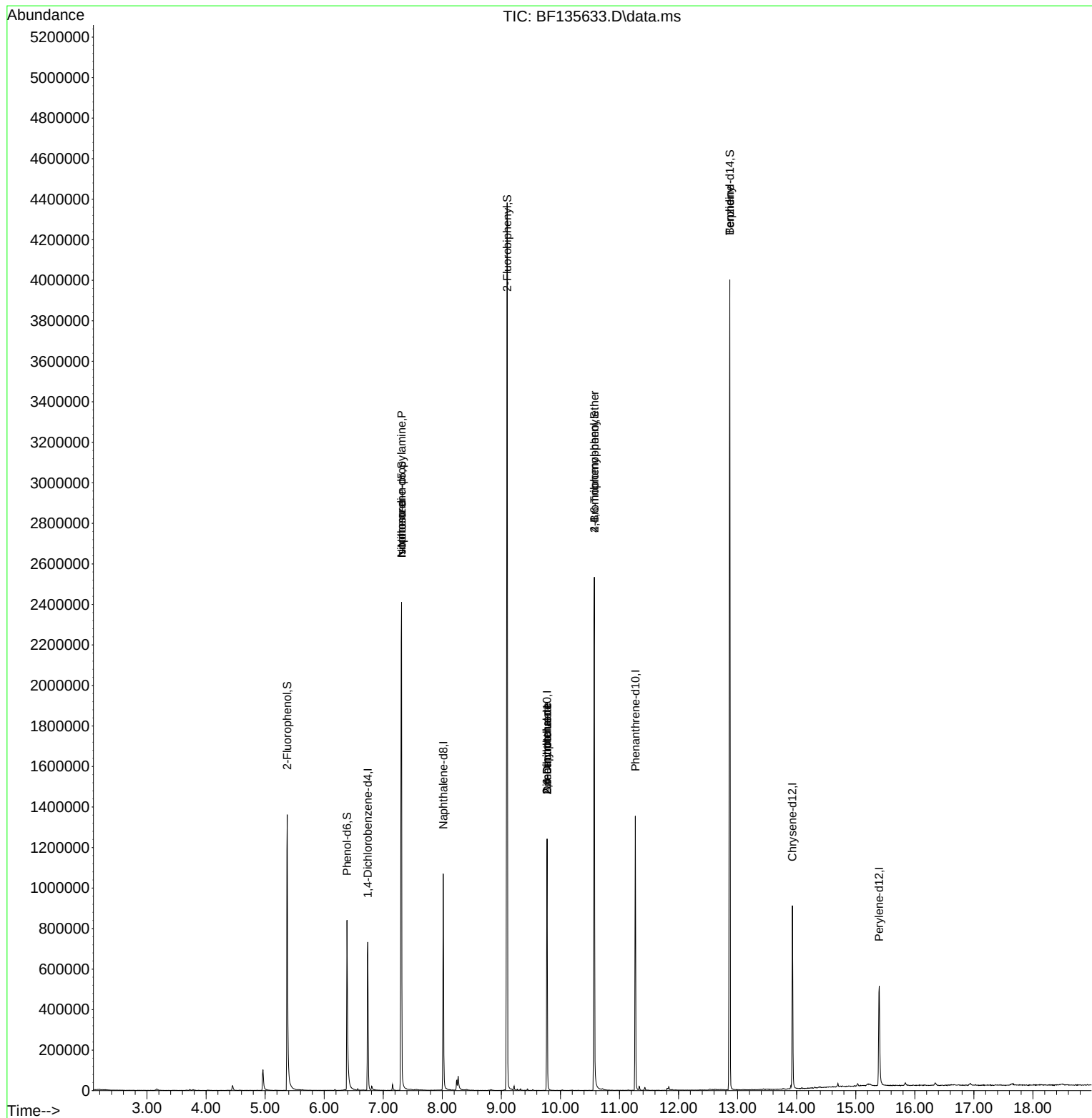
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	117082	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	451386	20.000	ng	# 0.00
39) Acenaphthene-d10	9.775	164	236647	20.000	ng	0.00
64) Phenanthrene-d10	11.269	188	475272	20.000	ng	0.00
76) Chrysene-d12	13.927	240	301879	20.000	ng	0.00
86) Perylene-d12	15.398	264	254800	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	435536	60.503	ng	0.00
7) Phenol-d6	6.387	99	325088	35.515	ng	0.00
23) Nitrobenzene-d5	7.310	82	836650	100.700	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	321842	136.855	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1457398	92.915	ng	0.00
79) Terphenyl-d14	12.869	244	1557635	79.987	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.310	70	112153	19.781	ng	# 78
25) Isophorone	7.310	82	836640	54.839	ng	# 65
50) Dimethylphthalate	9.775	163	46852	2.928	ng	# 1
51) 2,6-Dinitrotoluene	9.775	165	30557	8.718	ng	# 17
57) 2,4-Dinitrotoluene	9.775	165	30557	6.964	ng	# 18
67) 4-Bromophenyl-phenylether	10.575	248	19512	4.128	ng	# 1
77) Benzidine	12.869	184	20179	3.263	ng	# 95

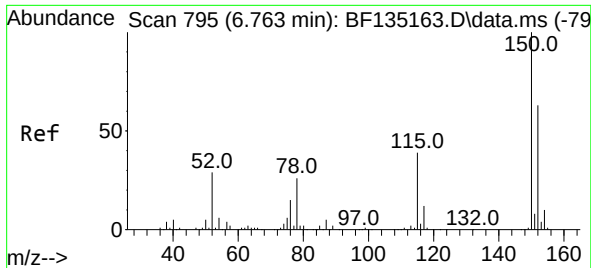
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100623\
Data File : BF135633.D
Acq On : 06 Oct 2023 17:21
Operator : CG\JU
Sample : 04622-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

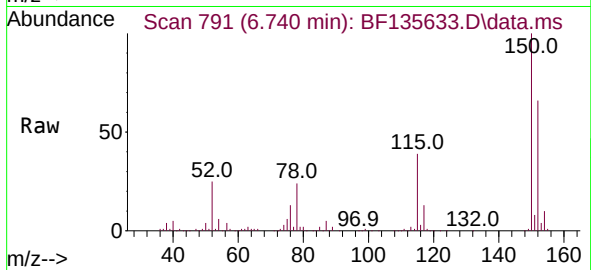
Quant Time: Oct 07 01:49:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 04 17:06:20 2023
Response via : Initial Calibration



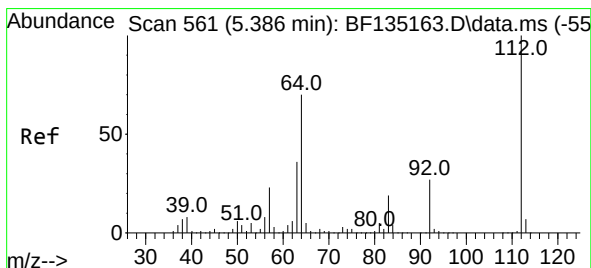
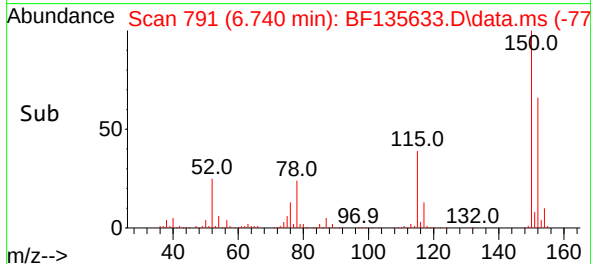
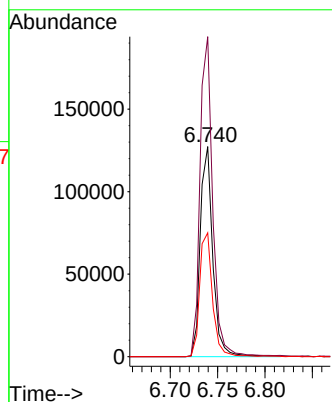


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

Instrument :
BNA_F
ClientSampleId :

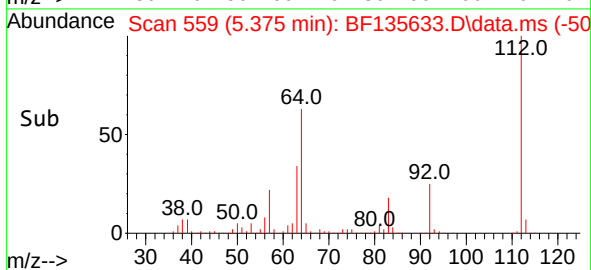
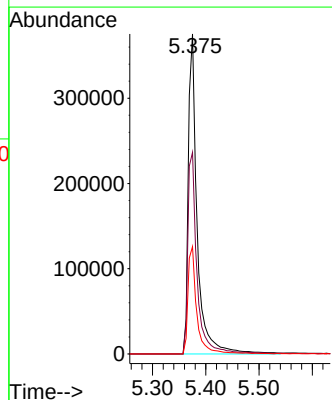
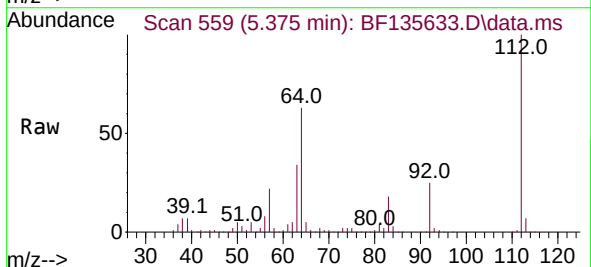


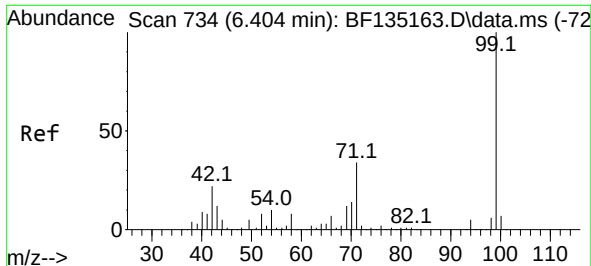
Tgt Ion:152 Resp: 117082
Ion Ratio Lower Upper
152 100
150 152.4 127.8 191.6
115 59.0 49.8 74.8



#5
2-Fluorophenol
Concen: 60.503 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

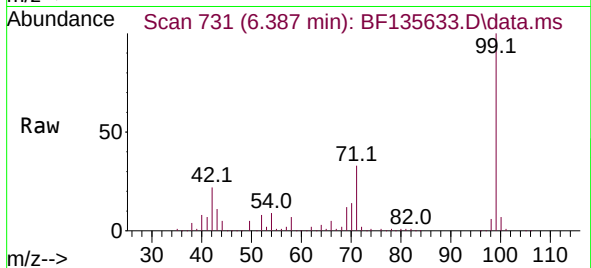
Tgt Ion:112 Resp: 435536
Ion Ratio Lower Upper
112 100
64 63.0 55.9 83.9
63 33.6 29.0 43.6



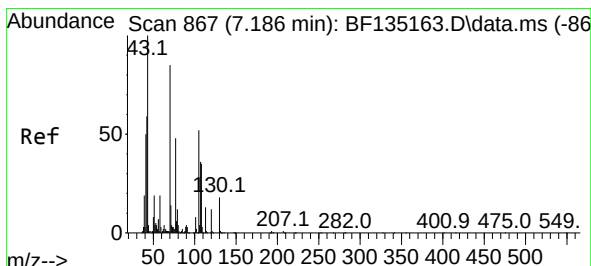
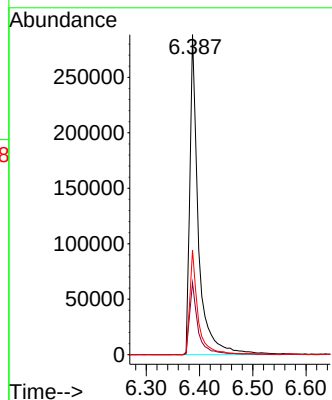
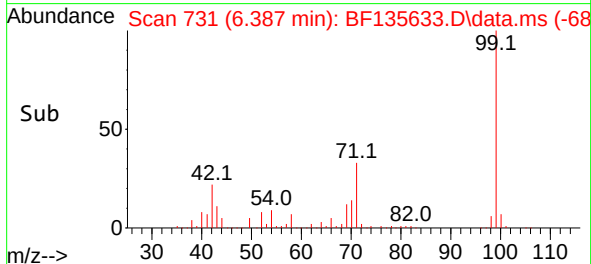


#7
Phenol-d6
Concen: 35.515 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

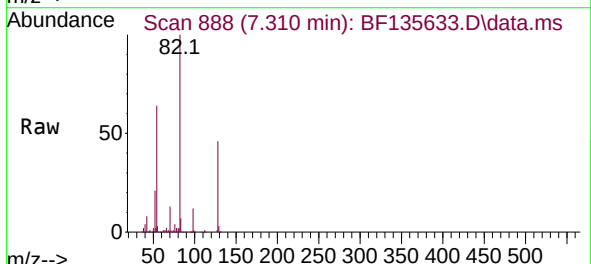
Instrument :
BNA_F
ClientSampleId :



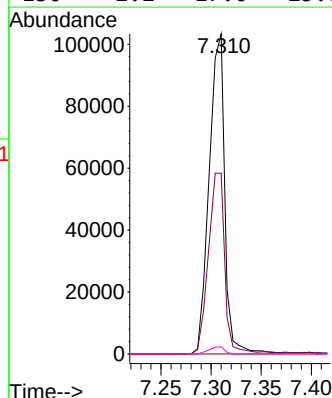
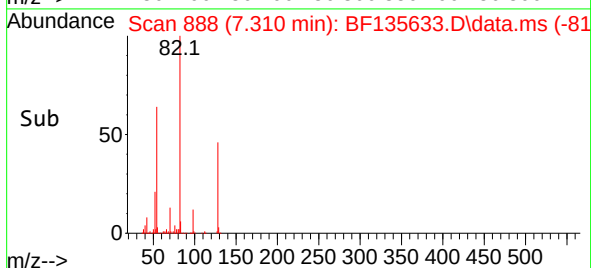
Tgt Ion: 99 Resp: 325088
Ion Ratio Lower Upper
99 100
42 22.5 17.9 26.9
71 32.7 27.0 40.6

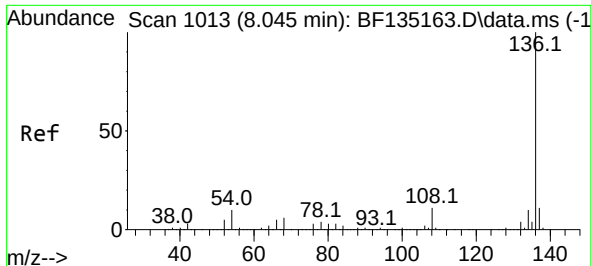


#19
n-Nitroso-di-n-propylamine
Concen: 19.781 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.153 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21



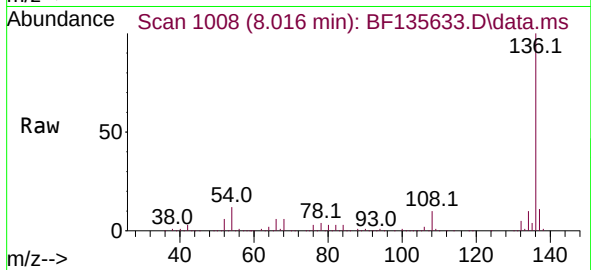
Tgt Ion: 70 Resp: 112153
Ion Ratio Lower Upper
70 100
42 56.5 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#



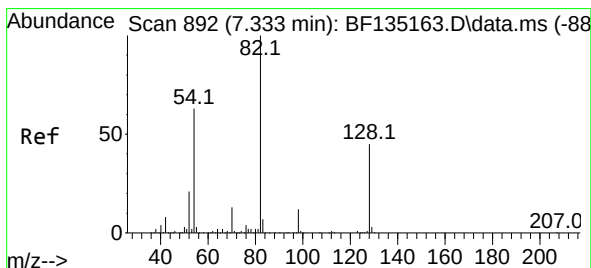
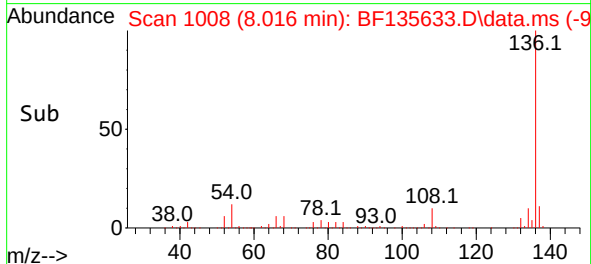
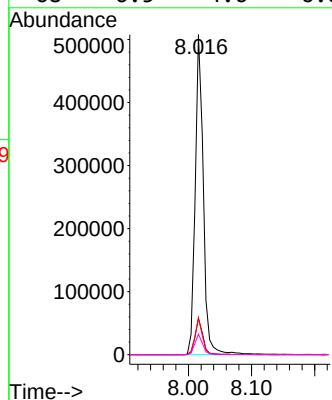


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. 0.000 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

Instrument :
BNA_F
ClientSampleId :

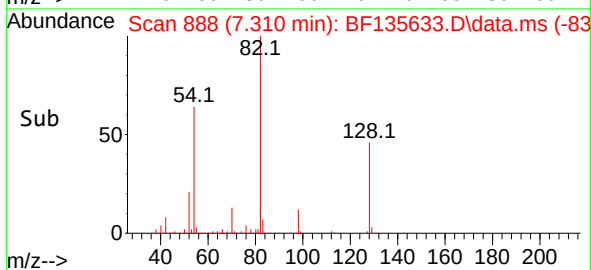
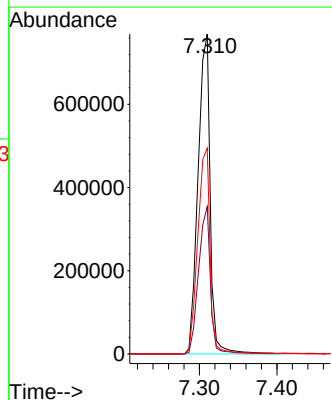
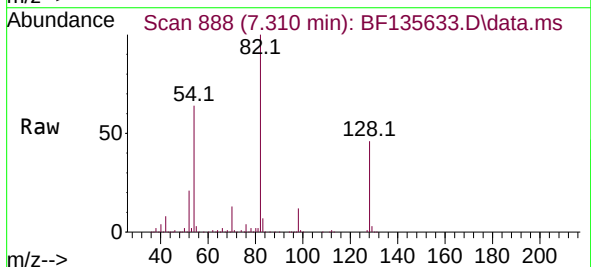


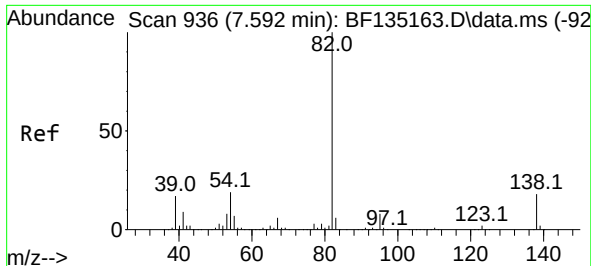
Tgt Ion:136 Resp: 451386
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 11.5 7.7 11.5#
68 6.5 4.6 6.8



#23
Nitrobenzene-d5
Concen: 100.700 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

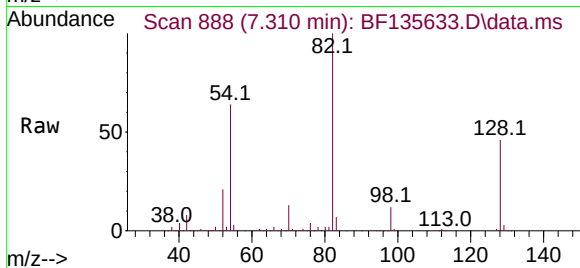
Tgt Ion: 82 Resp: 836650
Ion Ratio Lower Upper
82 100
128 46.1 35.8 53.6
54 64.3 50.6 76.0



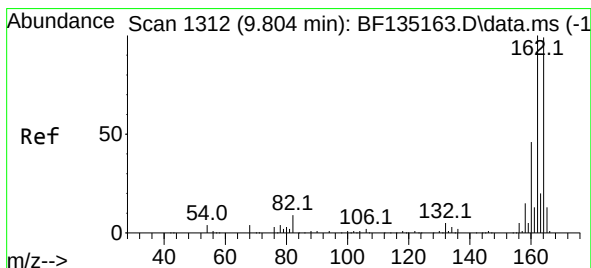
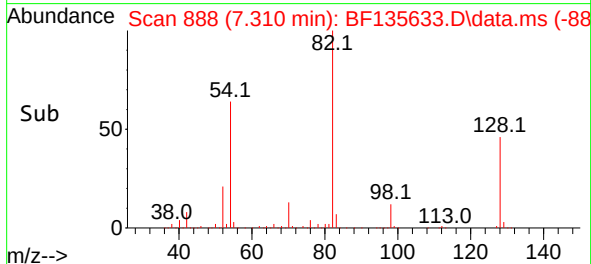
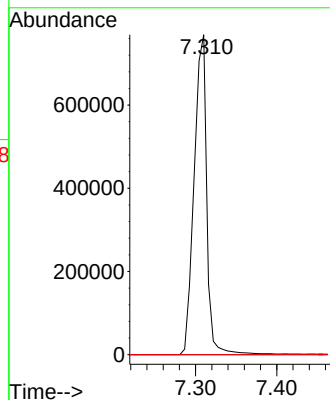


#25
Isophorone
Concen: 54.839 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

Instrument :
BNA_F
ClientSampleId :

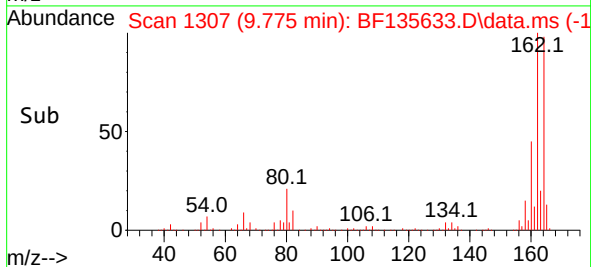
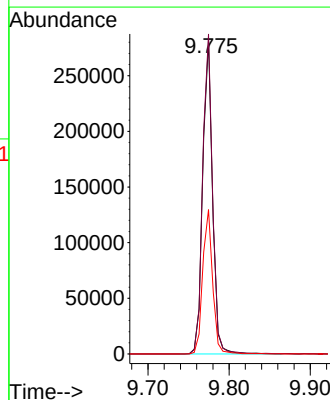
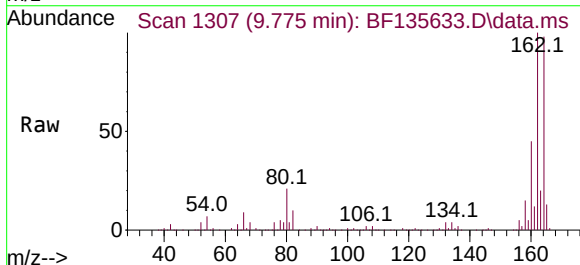


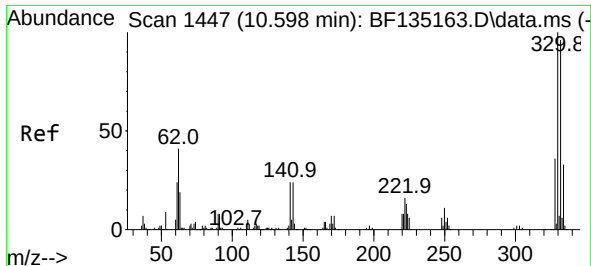
Tgt Ion: 82 Resp: 836640
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

Tgt Ion: 164 Resp: 236647
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 46.0 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 136.855 ng

RT: 10.575 min Scan# 1443

Delta R.T. 0.006 min

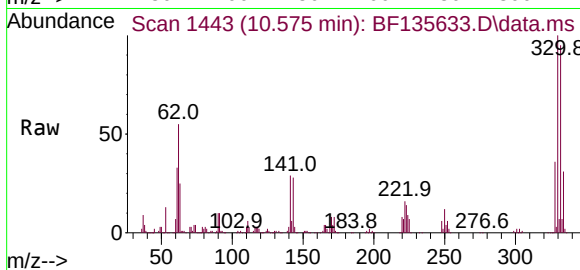
Lab File: BF135633.D

Acq: 06 Oct 2023 17:21

Instrument :

BNA_F

ClientSampleId :



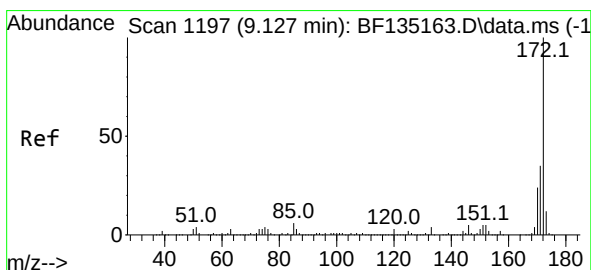
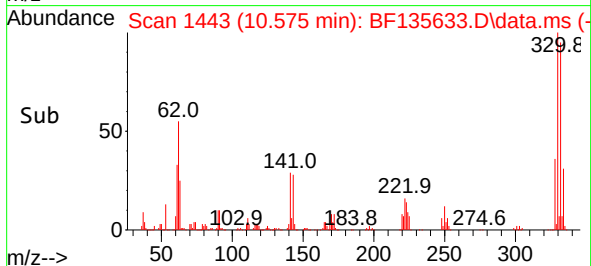
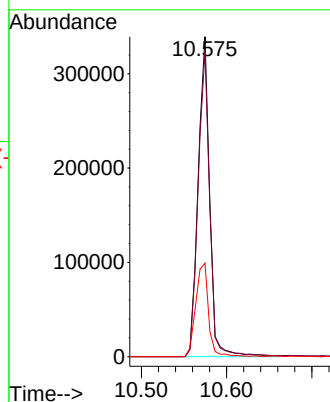
Tgt Ion:330 Resp: 321842

Ion Ratio Lower Upper

330 100

332 95.8 77.3 115.9

141 32.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 92.915 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF135633.D

Acq: 06 Oct 2023 17:21

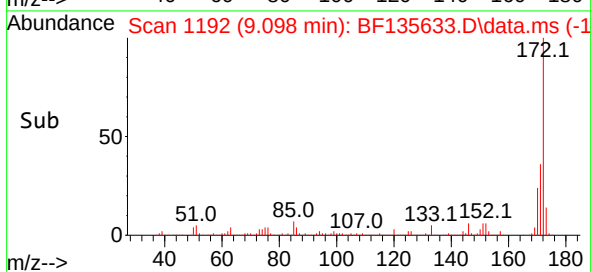
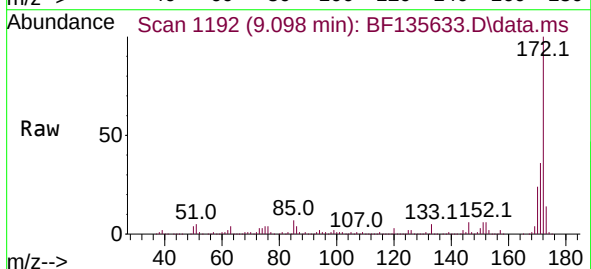
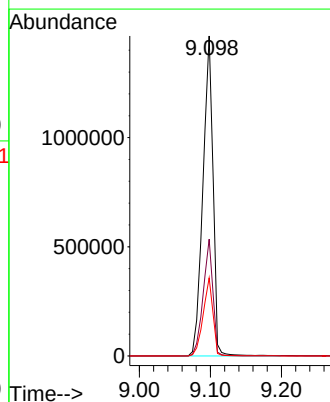
Tgt Ion:172 Resp: 1457398

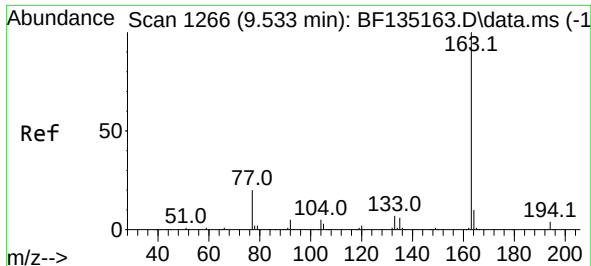
Ion Ratio Lower Upper

172 100

171 36.5 28.4 42.6

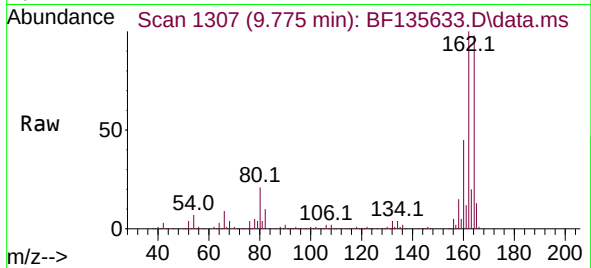
170 24.4 19.0 28.4



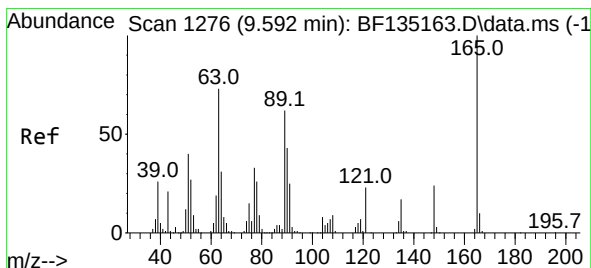
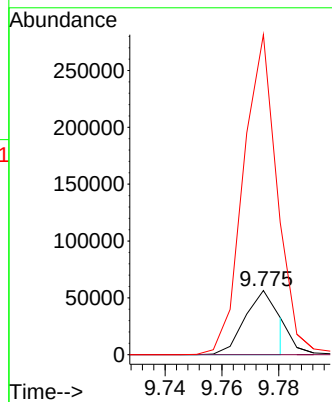
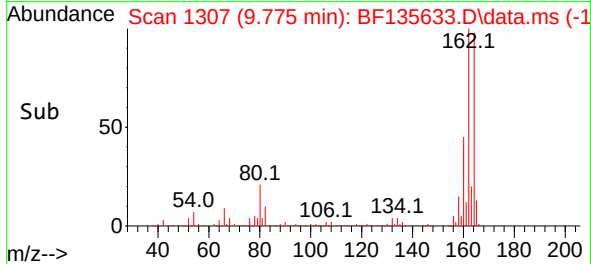


#50
Dimethylphthalate
Concen: 2.928 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.271 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

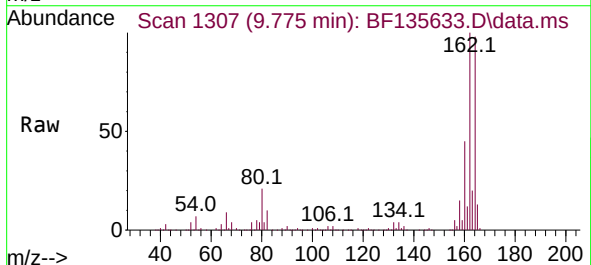
Instrument :
BNA_F
ClientSampleId :



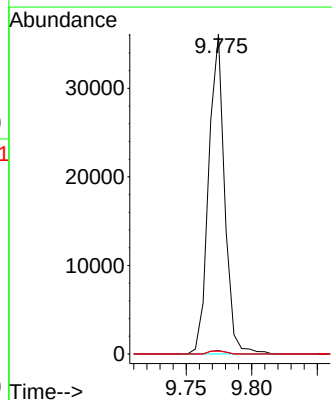
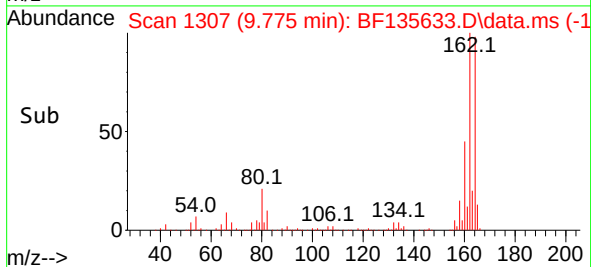
Tgt Ion:163 Resp: 46852
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 498.3 8.1 12.1#

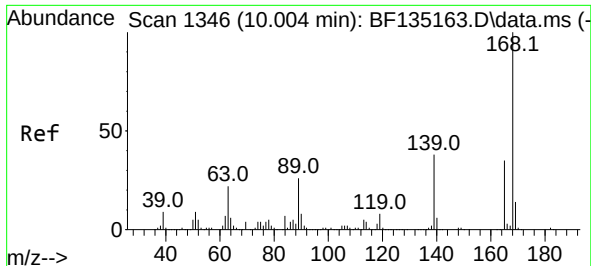


#51
2,6-Dinitrotoluene
Concen: 8.718 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.200 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21



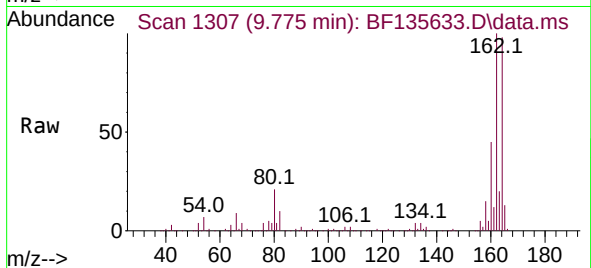
Tgt Ion:165 Resp: 30557
Ion Ratio Lower Upper
165 100
63 1.1 59.4 89.2#
89 0.9 49.8 74.8#



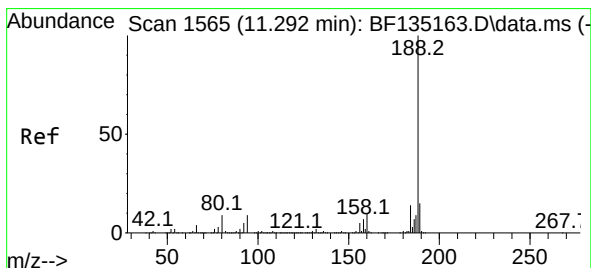
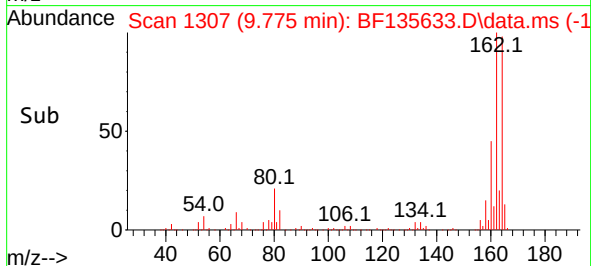
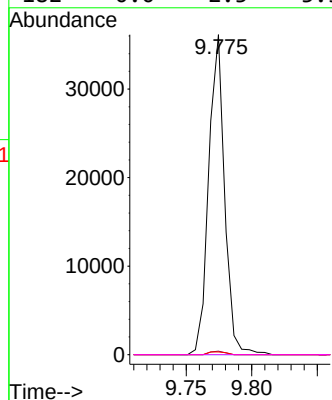


#57
2,4-Dinitrotoluene
Concen: 6.964 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

Instrument :
BNA_F
ClientSampleId :

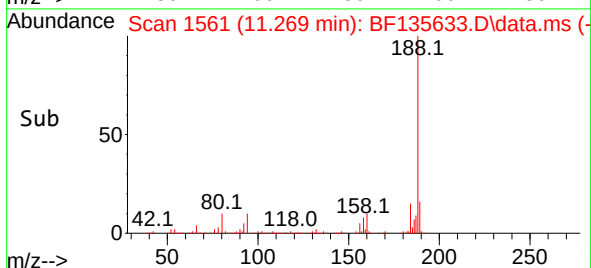
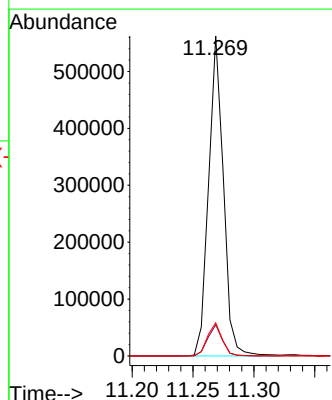
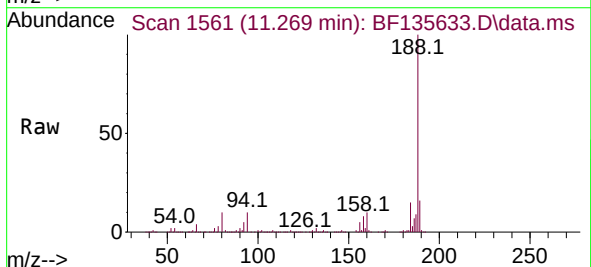


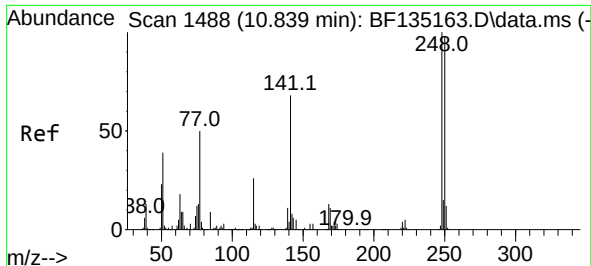
Tgt Ion:165 Resp: 30557
Ion Ratio Lower Upper
165 100
63 1.1 50.1 75.1#
89 0.9 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.269 min Scan# 1561
Delta R.T. 0.000 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

Tgt Ion:188 Resp: 475272
Ion Ratio Lower Upper
188 100
94 9.7 7.0 10.6
80 10.4 7.5 11.3

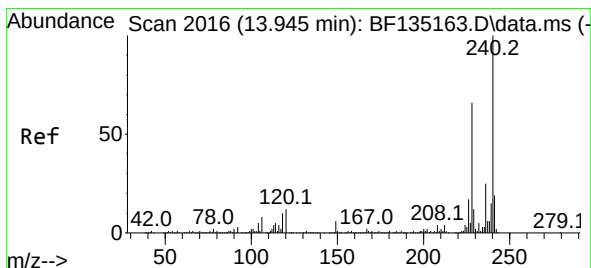
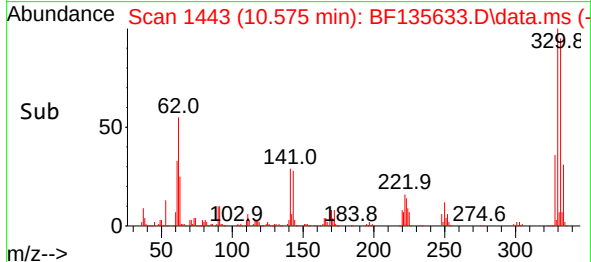
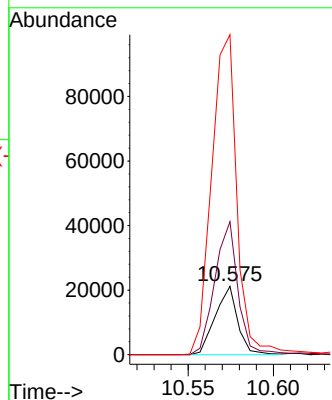
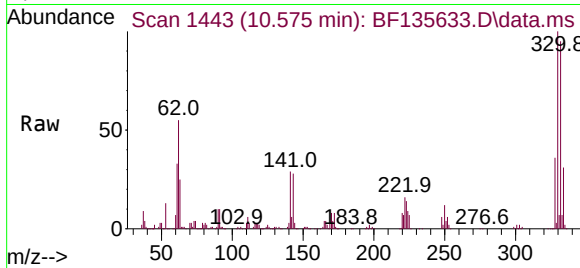




#67
4-Bromophenyl-phenylether
Concen: 4.128 ng
RT: 10.575 min Scan# 1488
Delta R.T. -0.235 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

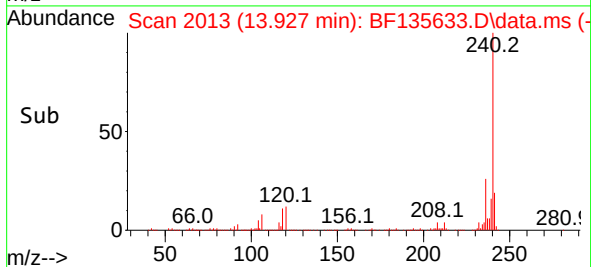
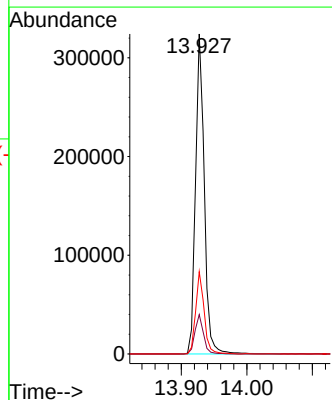
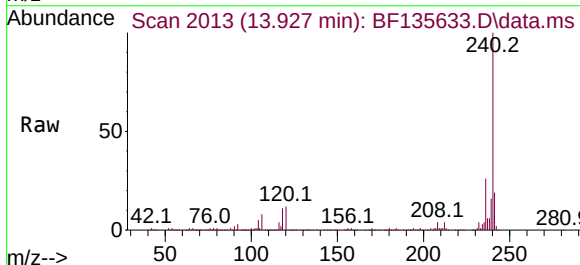
Instrument :
BNA_F
ClientSampleId :

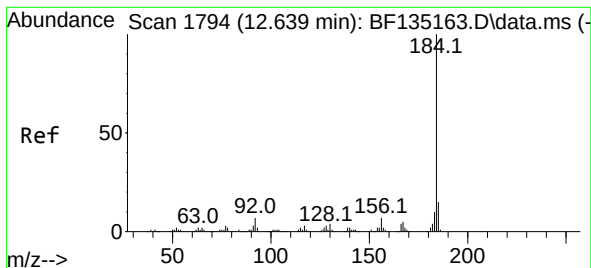
Tgt Ion:248 Resp: 19512
Ion Ratio Lower Upper
248 100
250 194.4 78.6 117.8#
141 468.2 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

Tgt Ion:240 Resp: 301879
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 25.7 19.8 29.8





#77

Benzidine

Concen: 3.263 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.253 min

Lab File: BF135633.D

Acq: 06 Oct 2023 17:21

Instrument :

BNA_F

ClientSampleId :

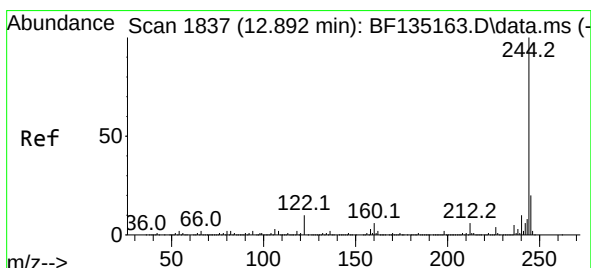
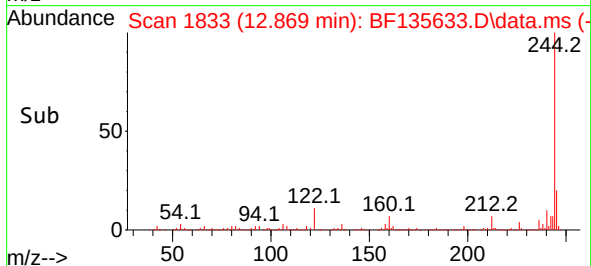
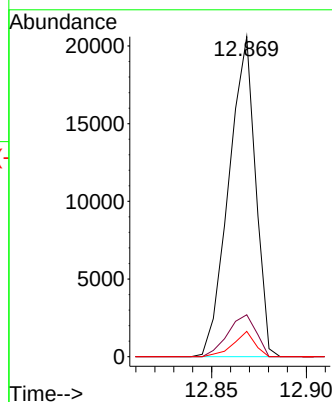
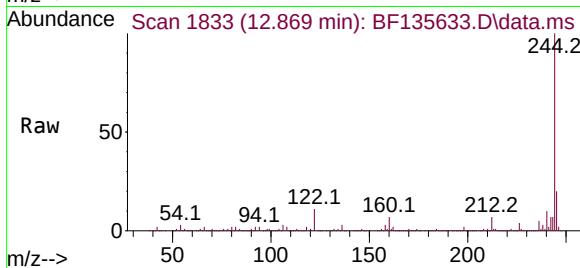
Tgt Ion:184 Resp: 20179

Ion Ratio Lower Upper

184 100

185 13.1 11.7 17.5

183 7.9 8.2 12.4#



#79

Terphenyl-d14

Concen: 79.987 ng

RT: 12.869 min Scan# 1833

Delta R.T. 0.006 min

Lab File: BF135633.D

Acq: 06 Oct 2023 17:21

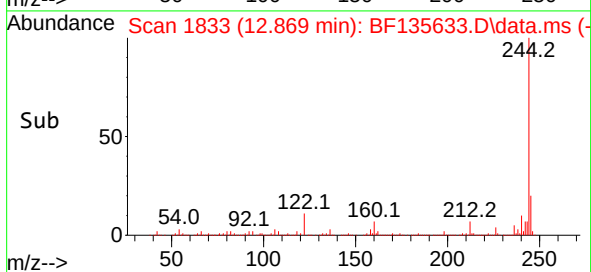
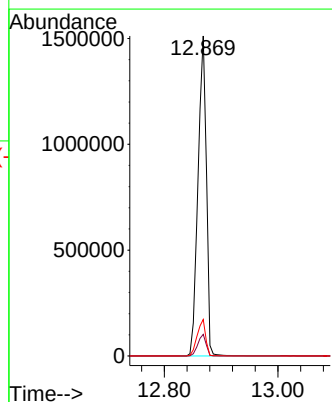
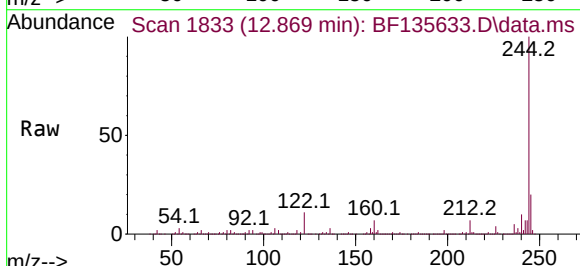
Tgt Ion:244 Resp: 1557635

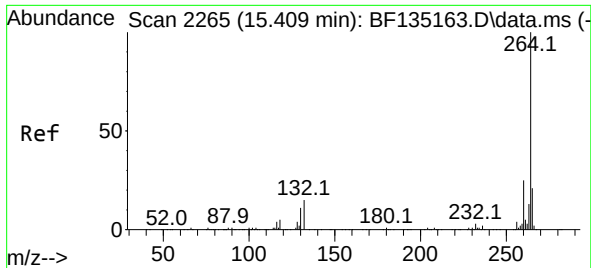
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

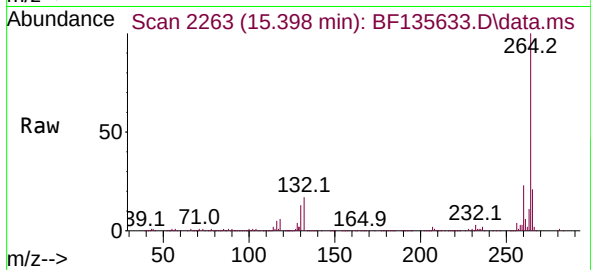
122 11.4 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF135633.D
Acq: 06 Oct 2023 17:21

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 254800
Ion Ratio Lower Upper
264 100
260 22.8 19.8 29.6
265 21.0 17.0 25.4

