

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133880.D
 Acq On : 21 Jun 2023 20:05
 Operator : CG\JU
 Sample : 03262-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 05:59:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

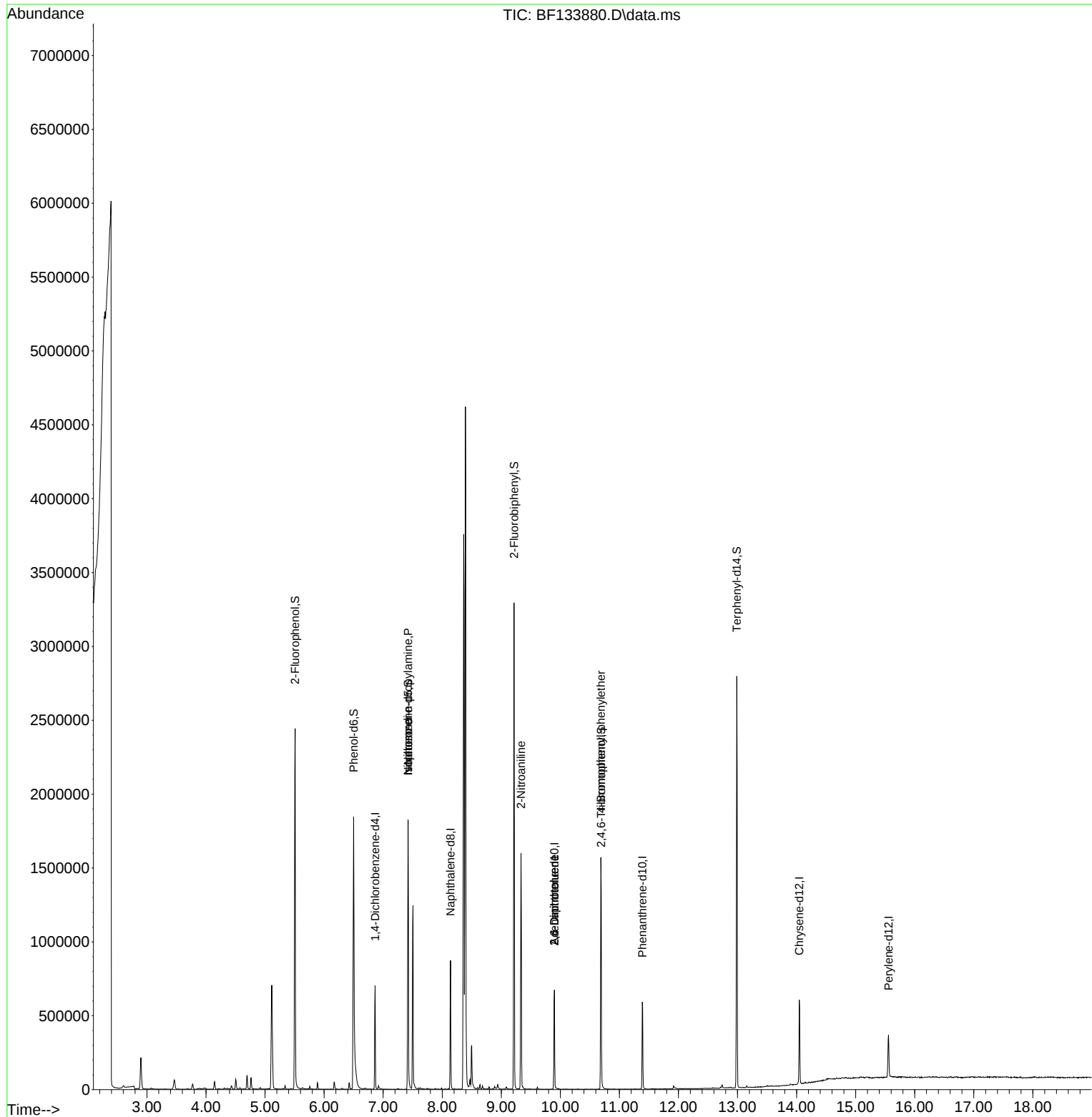
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	96977	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	336139	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	133430	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	229733	20.000	ng	0.00
76) Chrysene-d12	14.045	240	195226	20.000	ng	0.00
86) Perylene-d12	15.557	264	135347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	629744	113.050	ng	0.02
7) Phenol-d6	6.498	99	728414	100.458	ng	0.00
23) Nitrobenzene-d5	7.422	82	535350	86.746	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	185726	109.963	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	876966	93.429	ng	0.00
79) Terphenyl-d14	12.986	244	947796	75.122	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	76468	16.575	ng	# 79
25) Isophorone	7.422	82	535344	47.250	ng	# 65
48) 2-Nitroaniline	9.334	65	16648	5.897	ng	# 15
51) 2,6-Dinitrotoluene	9.898	165	17004	8.272	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	17004	6.504	ng	# 20
67) 4-Bromophenyl-phenylether	10.686	248	11605	4.526	ng	# 1

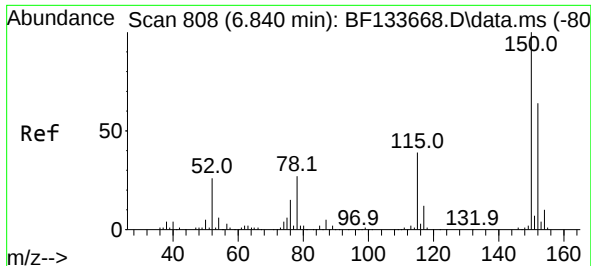
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
Data File : BF133880.D
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Operator : CG\JU
Sample : 03262-08
Misc :
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Instrument :
BNA_F
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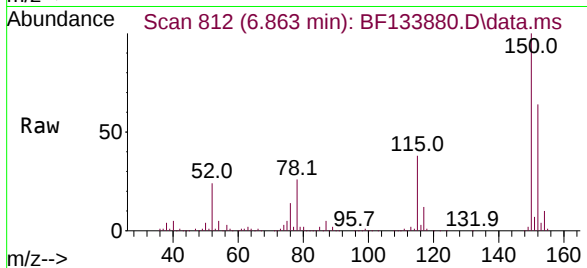
Quant Time: Jun 22 05:59:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
Response via : Initial Calibration



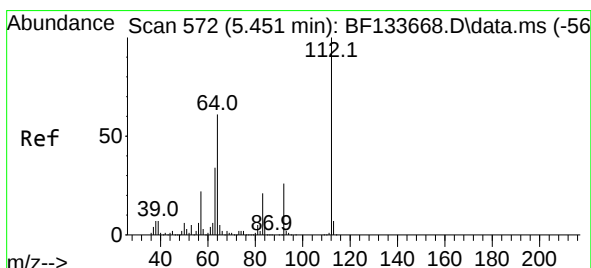
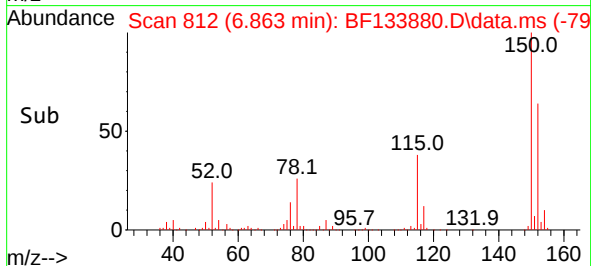
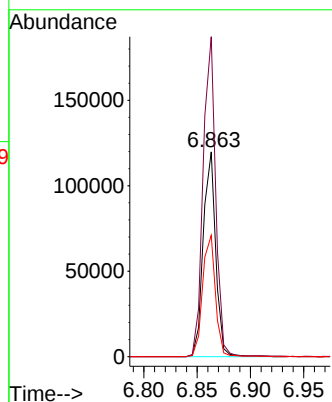


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

Instrument :
BNA_F
ClientSampleId :

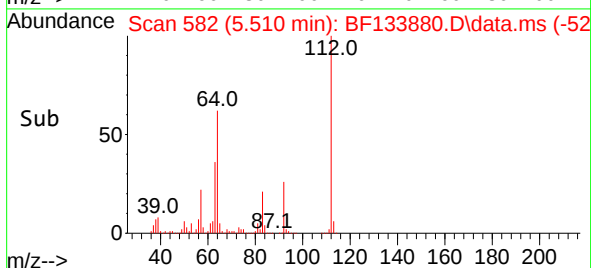
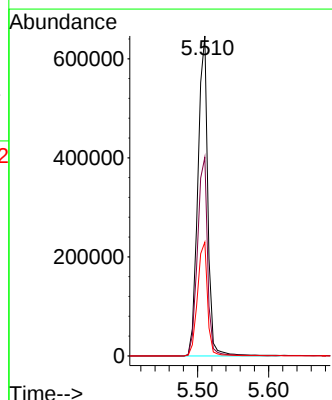
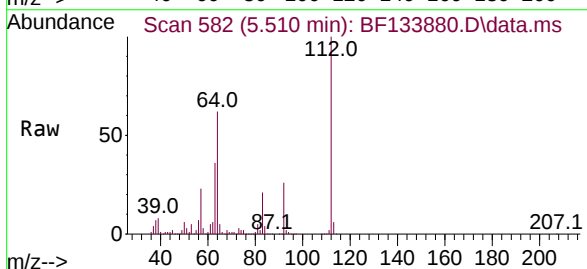


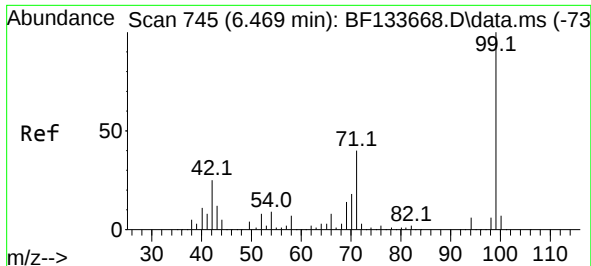
Tgt Ion:152 Resp: 96977
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 59.2 48.5 72.7



#5
2-Fluorophenol
Concen: 113.050 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.024 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

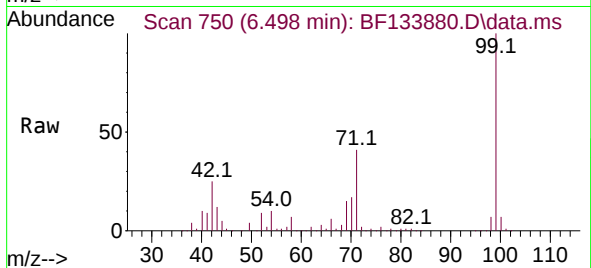
Tgt Ion:112 Resp: 629744
Ion Ratio Lower Upper
112 100
64 62.1 49.0 73.4
63 35.5 26.8 40.2



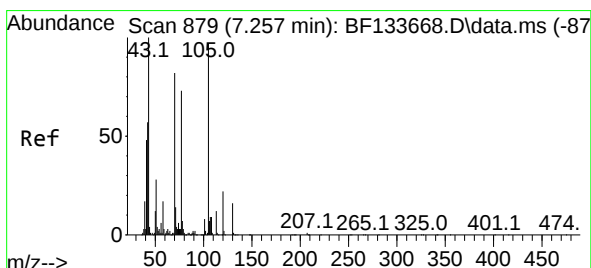
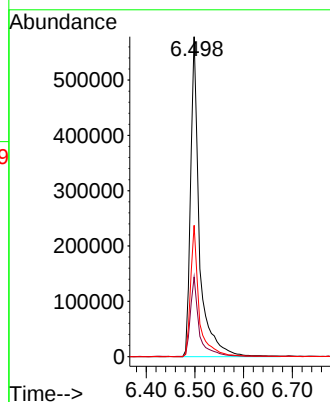
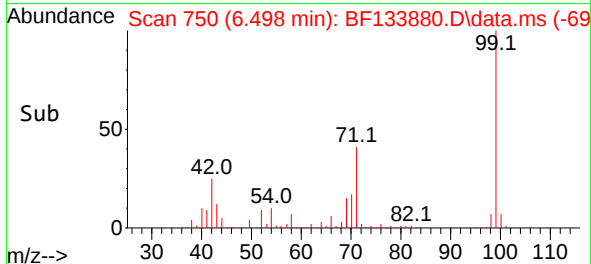


#7
Phenol-d6
Concen: 100.458 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

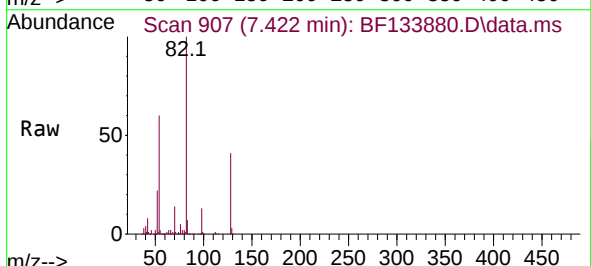
Instrument :
BNA_F
ClientSampleId :



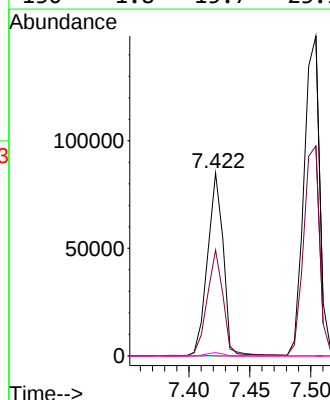
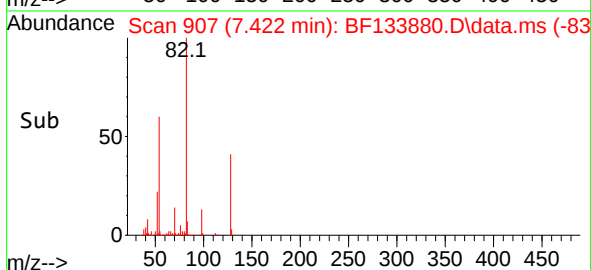
Tgt Ion: 99 Resp: 728414
Ion Ratio Lower Upper
99 100
42 24.9 19.9 29.9
71 41.0 32.2 48.4

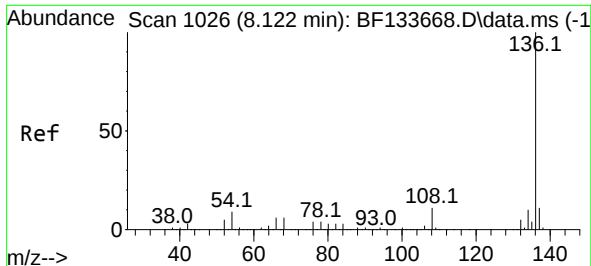


#19
n-Nitroso-di-n-propylamine
Concen: 16.575 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05



Tgt Ion: 70 Resp: 76468
Ion Ratio Lower Upper
70 100
42 57.9 55.8 83.8
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#

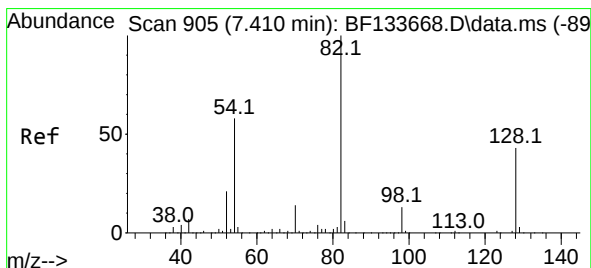
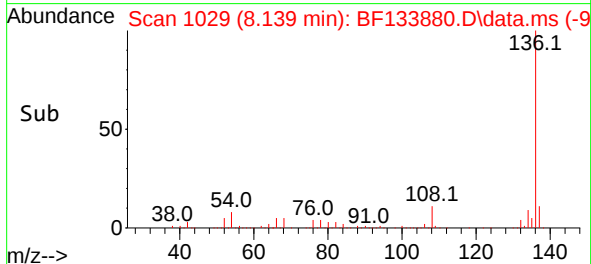
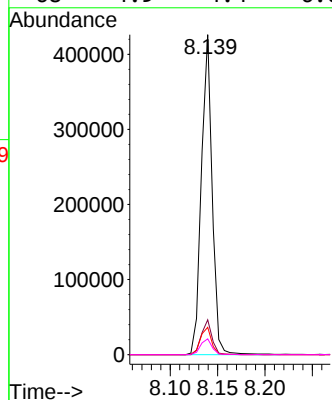
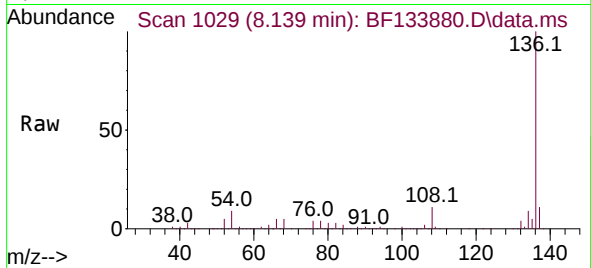




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

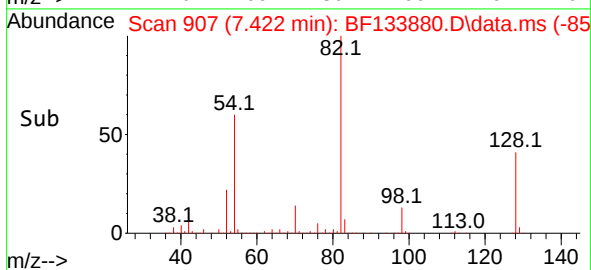
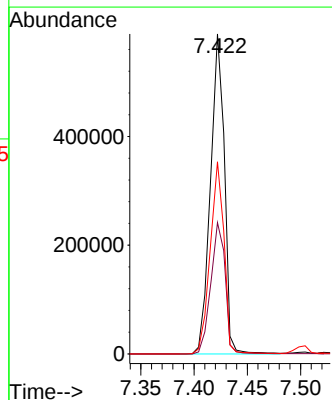
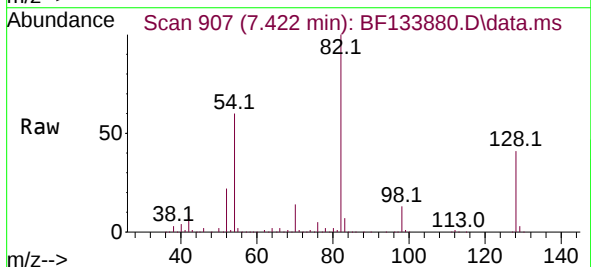
Instrument :
BNA_F
ClientSampleId :

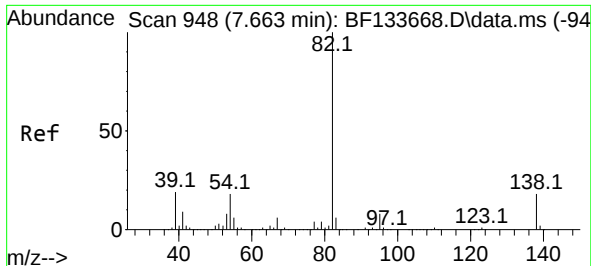
Tgt Ion:136 Resp: 336139
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 7.4 11.0
68 4.9 4.4 6.6



#23
Nitrobenzene-d5
Concen: 86.746 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

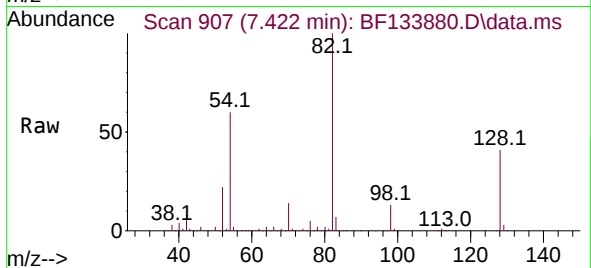
Tgt Ion: 82 Resp: 535350
Ion Ratio Lower Upper
82 100
128 41.0 34.2 51.2
54 60.0 46.5 69.7



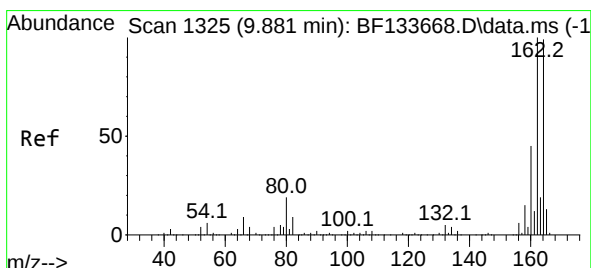
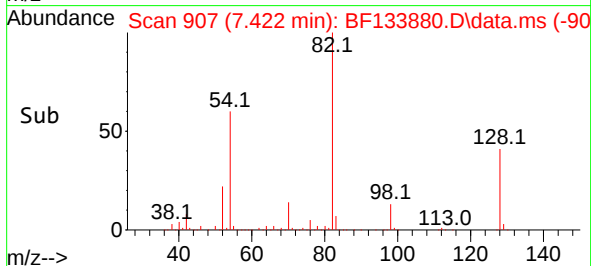
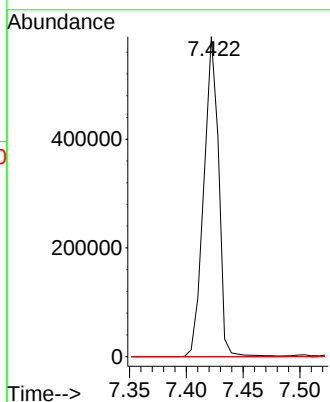


#25
Isophorone
Concen: 47.250 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

Instrument :
BNA_F
ClientSampleId :

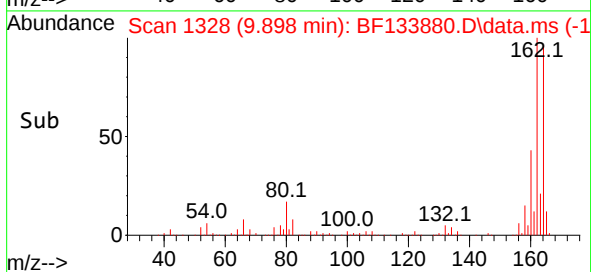
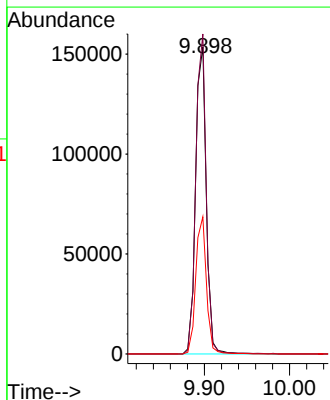
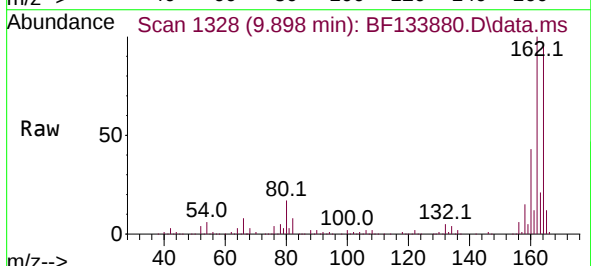


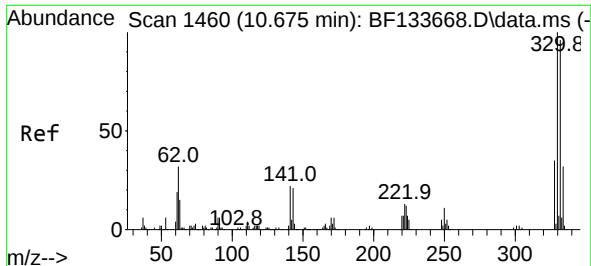
Tgt Ion: 82 Resp: 535344
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

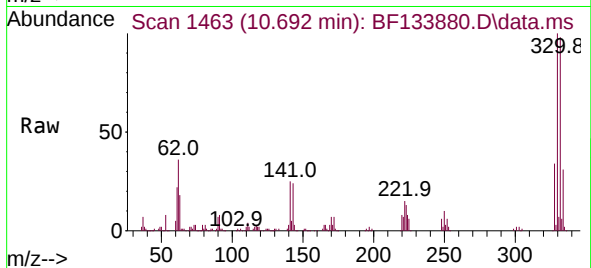
Tgt Ion:164 Resp: 133430
Ion Ratio Lower Upper
164 100
162 104.2 80.8 121.2
160 44.7 36.7 55.1



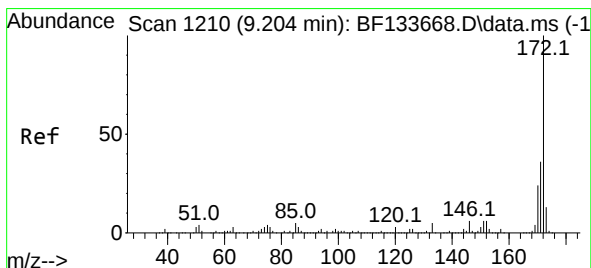
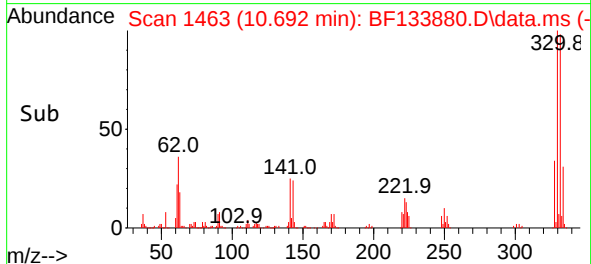
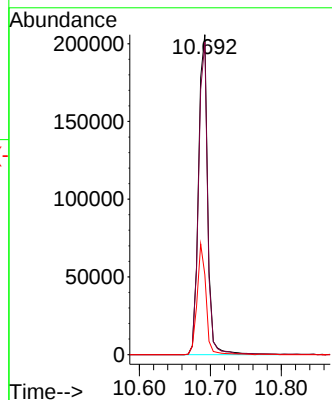


#42
 2,4,6-Tribromophenol
 Concen: 109.963 ng
 RT: 10.692 min Scan# 1463
 Delta R.T. 0.000 min
 Lab File: BF133880.D
 Acq: 21 Jun 2023 20:05

Instrument :
 BNA_F
 ClientSampleId :

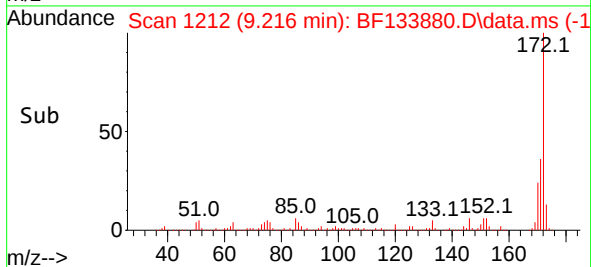
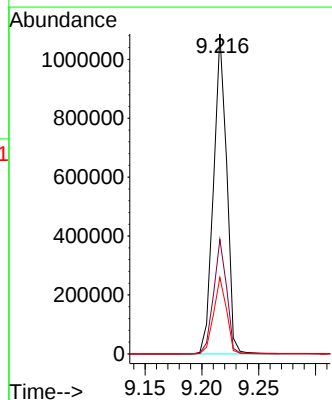
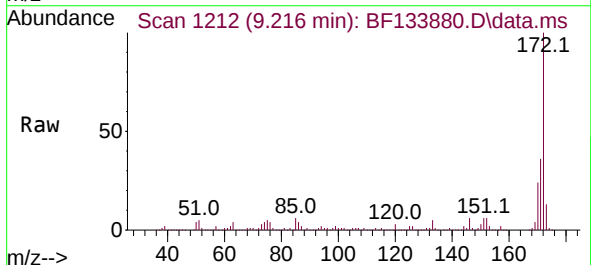


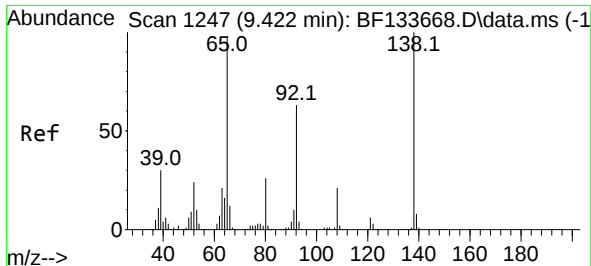
Tgt Ion:330 Resp: 185726
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.2 115.8
 141 33.3 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 93.429 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: BF133880.D
 Acq: 21 Jun 2023 20:05

Tgt Ion:172 Resp: 876966
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.9 19.1 28.7

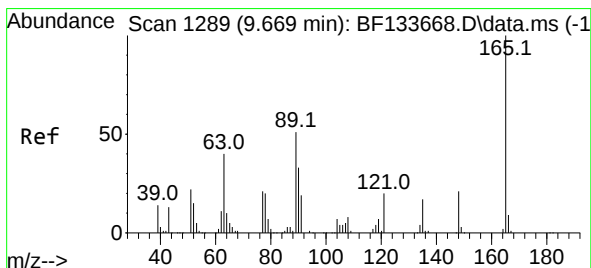
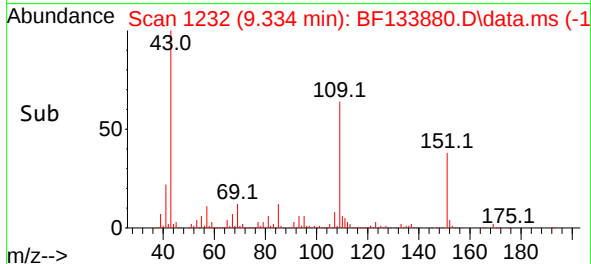
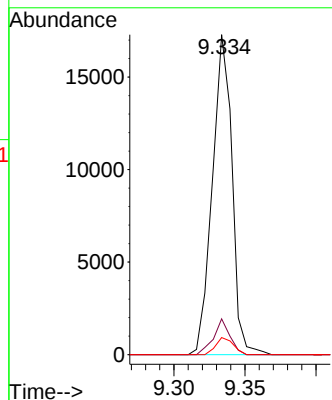
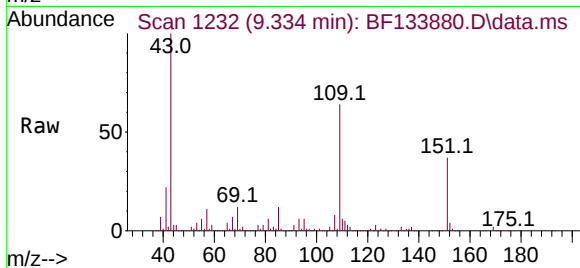




#48
2-Nitroaniline
Concen: 5.897 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

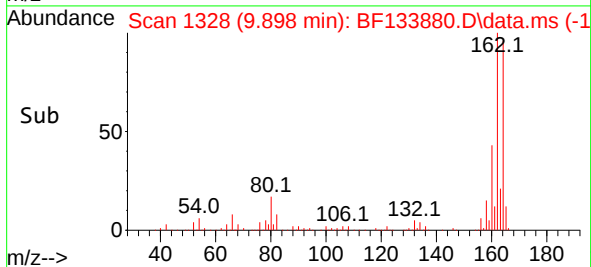
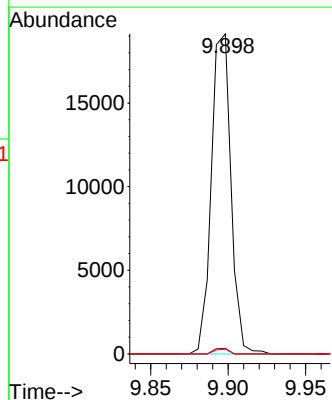
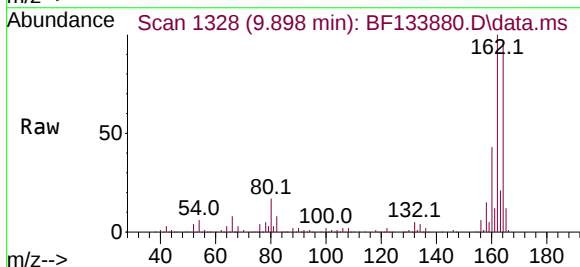
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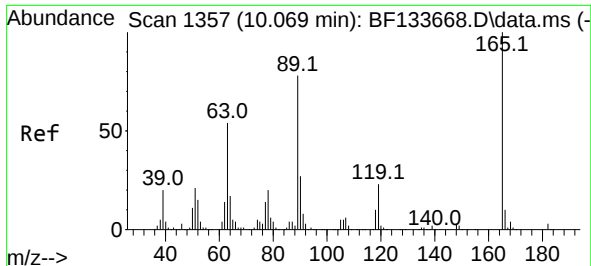
Tgt Ion: 65 Resp: 16648
Ion Ratio Lower Upper
65 100
92 11.2 51.8 77.6#
138 5.3 82.1 123.1#



#51
2,6-Dinitrotoluene
Concen: 8.272 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.218 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

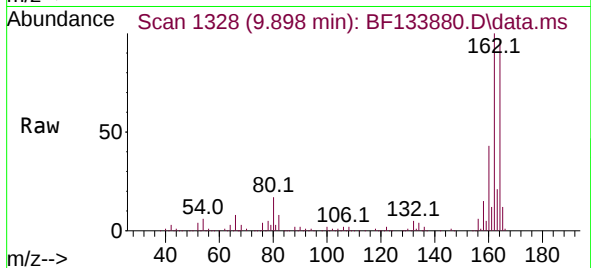
Tgt Ion: 165 Resp: 17004
Ion Ratio Lower Upper
165 100
63 1.7 42.1 63.1#
89 1.5 40.9 61.3#



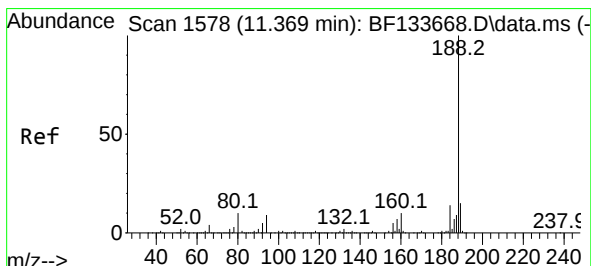
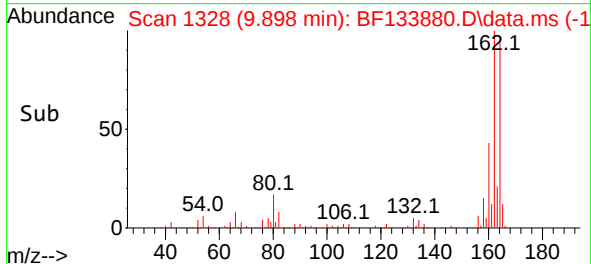
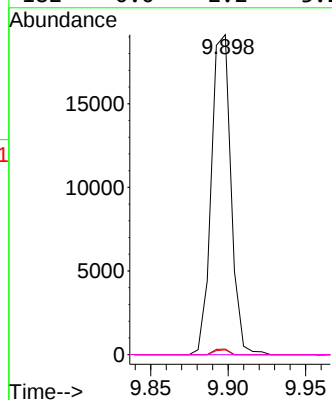


#57
2,4-Dinitrotoluene
Concen: 6.504 ng
RT: 9.898 min Scan# 1357
Delta R.T. -0.188 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

Instrument :
BNA_F
ClientSampleId :

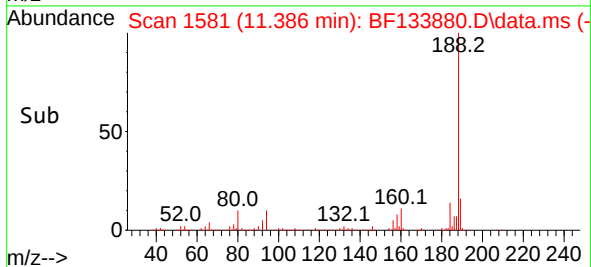
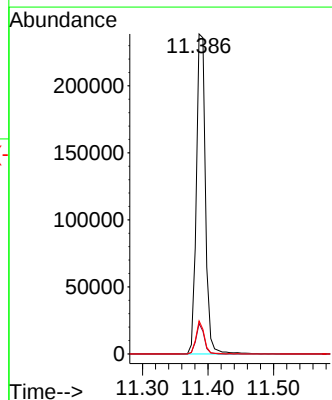
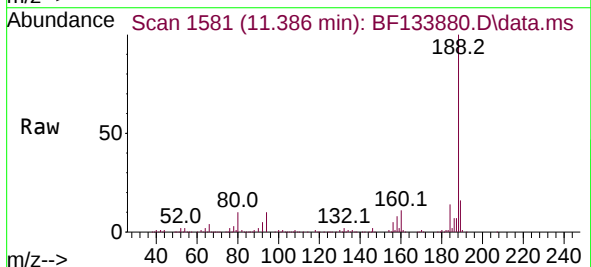


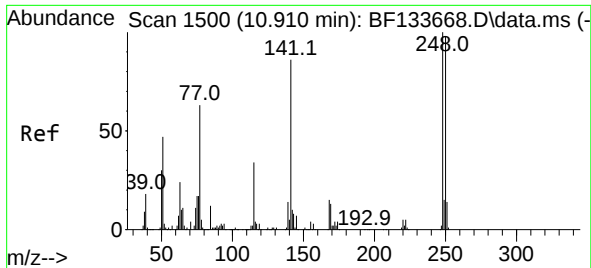
Tgt Ion:165 Resp: 17004
Ion Ratio Lower Upper
165 100
63 1.7 43.0 64.6#
89 1.5 62.6 93.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

Tgt Ion:188 Resp: 229733
Ion Ratio Lower Upper
188 100
94 9.5 6.8 10.2
80 10.3 7.8 11.6

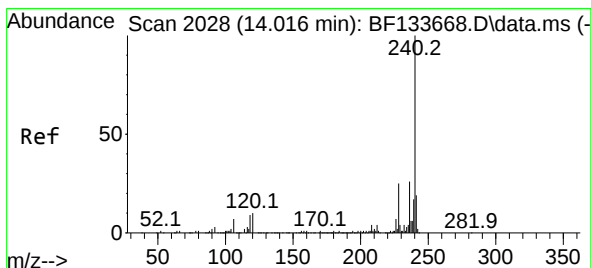
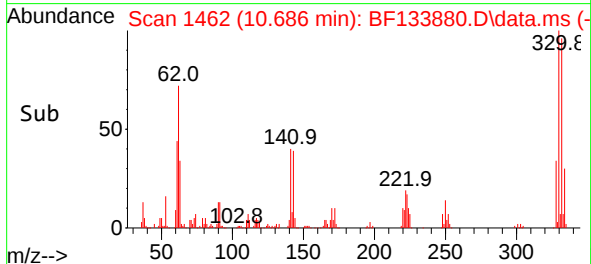
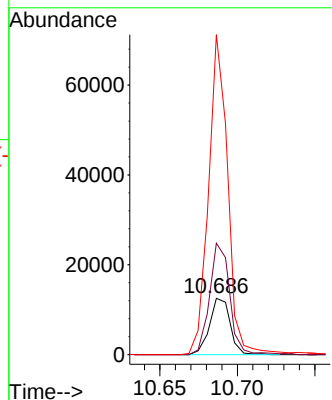
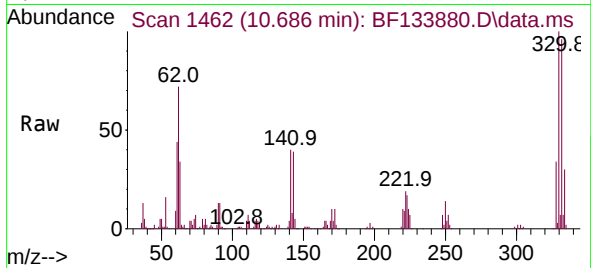




#67
4-Bromophenyl-phenylether
Concen: 4.526 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

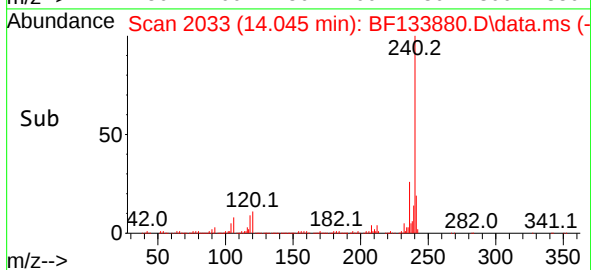
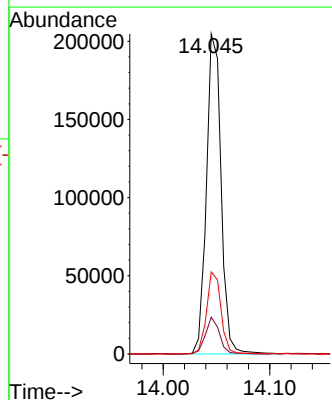
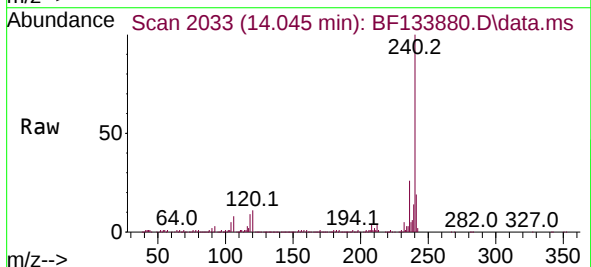
Instrument :
BNA_F
ClientSampleId :

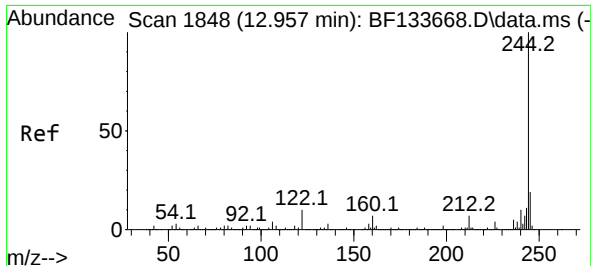
Tgt Ion:248 Resp: 11605
Ion Ratio Lower Upper
248 100
250 197.9 78.3 117.5#
141 568.1 69.0 103.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF133880.D
Acq: 21 Jun 2023 20:05

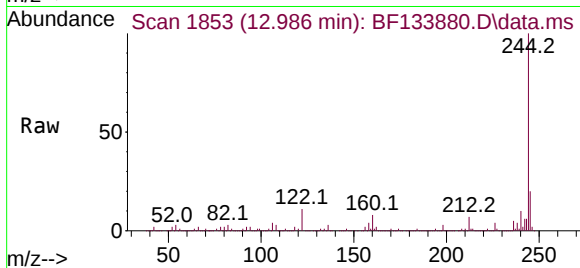
Tgt Ion:240 Resp: 195226
Ion Ratio Lower Upper
240 100
120 11.5 8.1 12.1
236 25.6 20.5 30.7



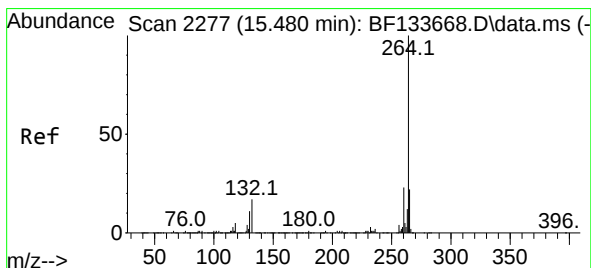
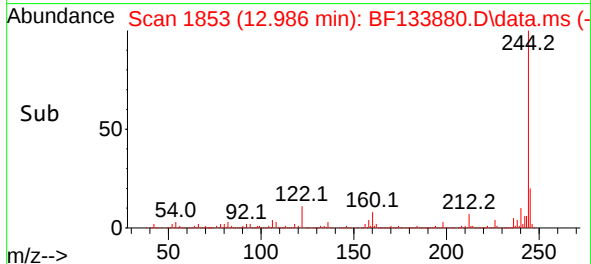
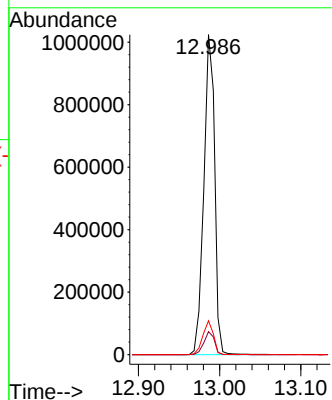


#79
 Terphenyl-d14
 Concen: 75.122 ng
 RT: 12.986 min Scan# 1848
 Delta R.T. 0.000 min
 Lab File: BF133880.D
 Acq: 21 Jun 2023 20:05

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 947796
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.6 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF133880.D
 Acq: 21 Jun 2023 20:05

Tgt Ion:264 Resp: 135347
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 19.7 17.8 26.6

