

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134171.D
 Acq On : 09 Jul 2023 05:02
 Operator : CG\JU
 Sample : 03507-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 05:48:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

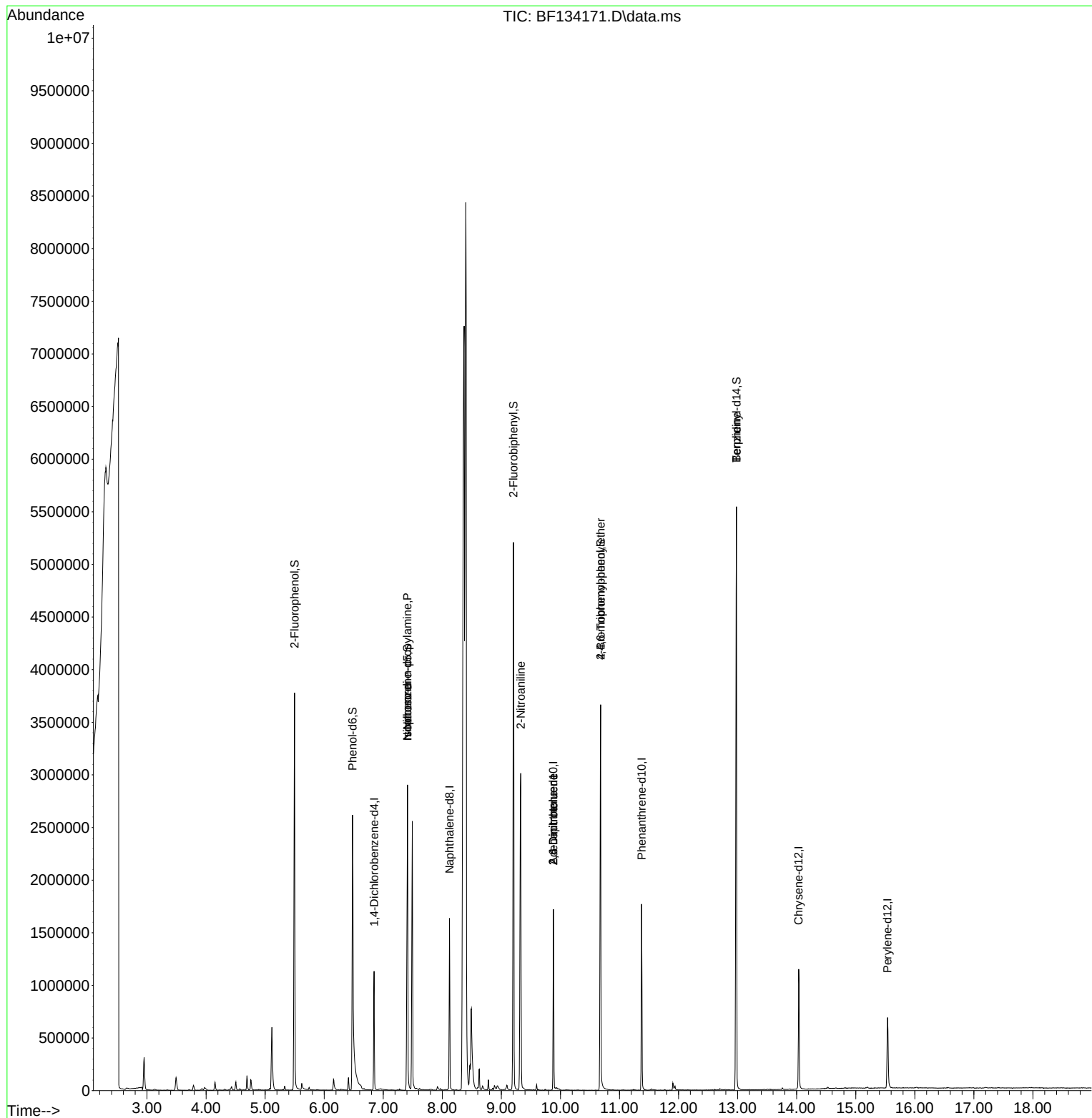
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	162382	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	652533	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	321920	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	623953	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	409771	20.000	ng	#-0.02
86) Perylene-d12	15.539	264	359229	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1072566	110.490	ng	0.01
7) Phenol-d6	6.480	99	1316790	110.301	ng	-0.01
23) Nitrobenzene-d5	7.410	82	998636	82.497	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	511798	126.801	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1727804	78.033	ng	0.00
79) Terphenyl-d14	12.980	244	2201307	86.459	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	122	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	141098	18.637	ng	# 76
25) Isophorone	7.410	82	998626	45.392	ng	# 64
48) 2-Nitroaniline	9.327	65	38452	5.584	ng	# 15
51) 2,6-Dinitrotoluene	9.880	165	41018	8.150	ng	# 23
57) 2,4-Dinitrotoluene	9.880	165	41018	6.171	ng	# 22
67) 4-Bromophenyl-phenylether	10.680	248	30048	4.531	ng	# 1
77) Benzidine	12.980	184	28889	2.963	ng	# 94

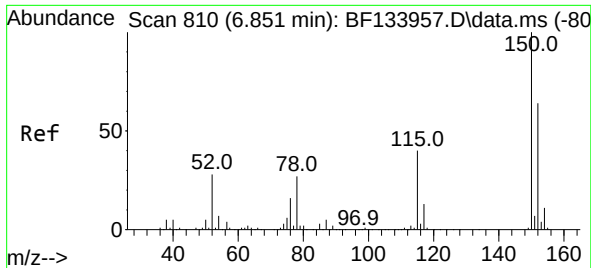
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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BNA_F
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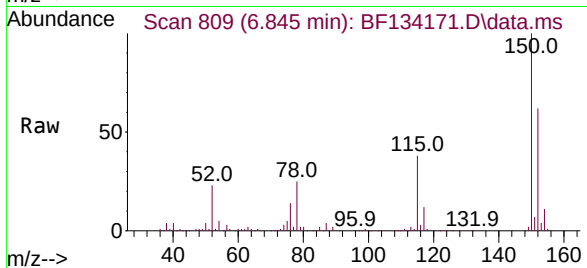
Quant Time: Jul 09 05:48:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 30 18:35:29 2023
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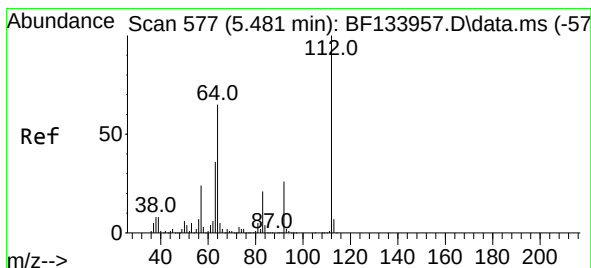
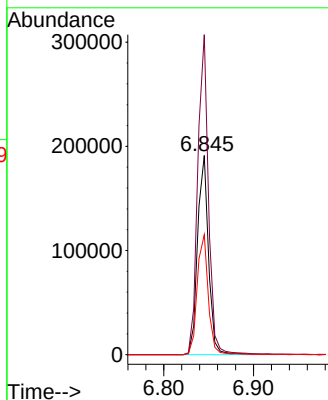
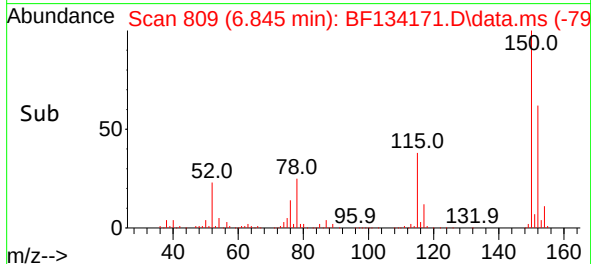


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

Instrument :
BNA_F
ClientSampleId :

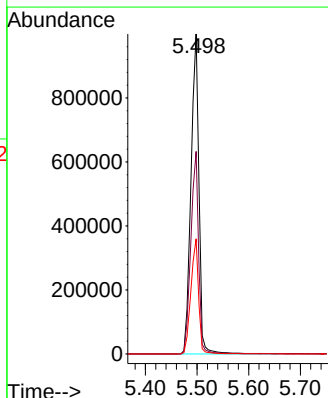
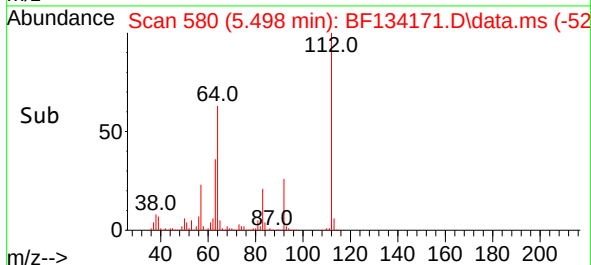
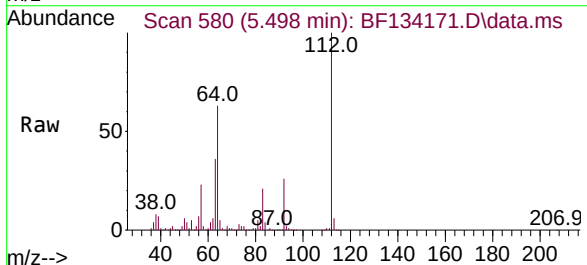


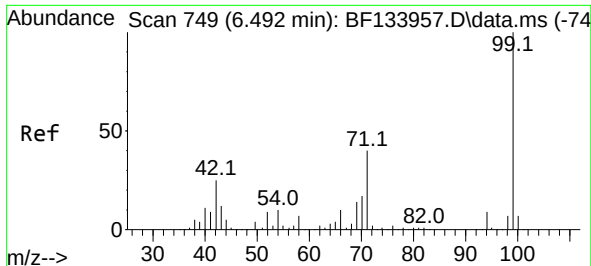
Tgt Ion:152 Resp: 162382
Ion Ratio Lower Upper
152 100
150 160.6 124.5 186.7
115 60.2 50.2 75.2



#5
2-Fluorophenol
Concen: 110.490 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

Tgt Ion:112 Resp: 1072566
Ion Ratio Lower Upper
112 100
64 63.3 52.1 78.1
63 36.0 28.6 42.8

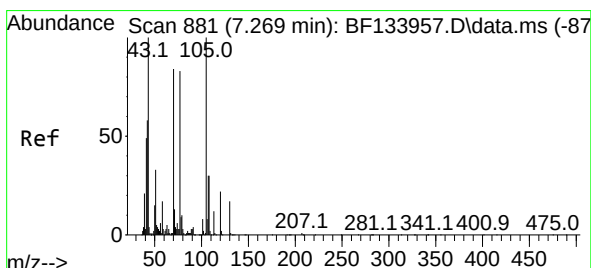
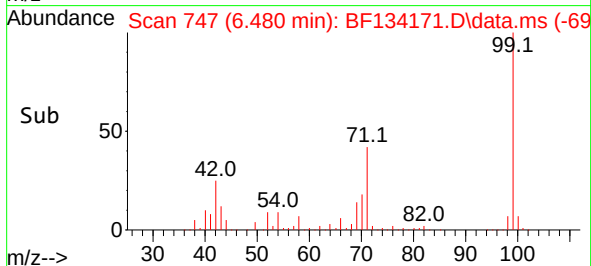
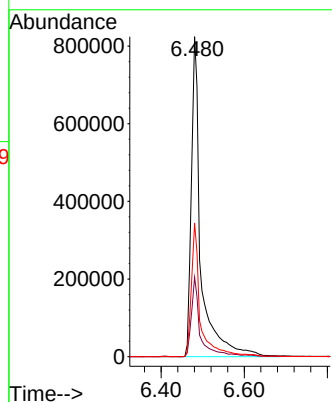
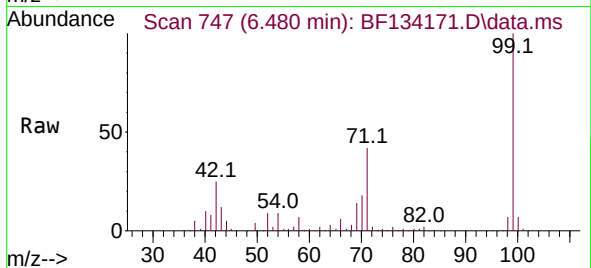




#7
Phenol-d6
Concen: 110.301 ng
RT: 6.480 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

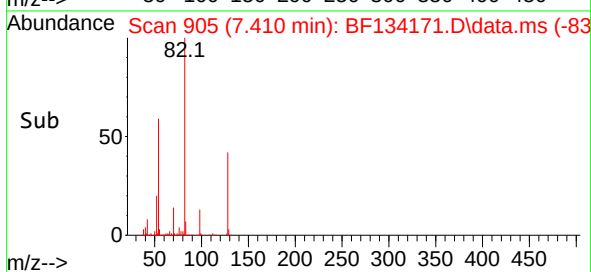
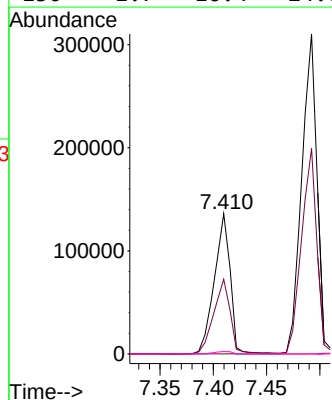
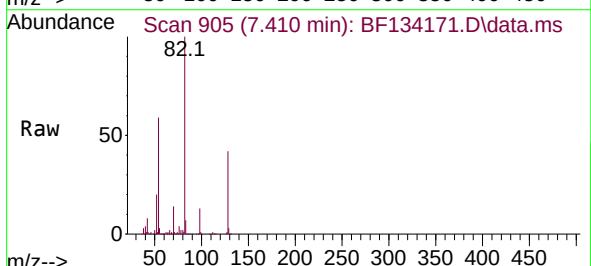
Instrument :
BNA_F
ClientSampleId :

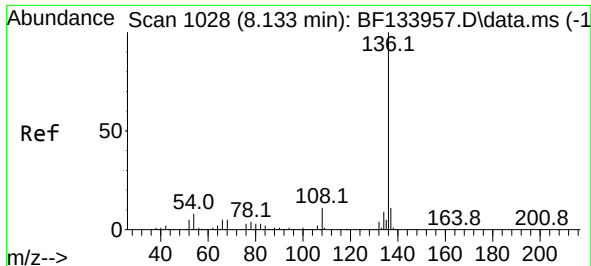
Tgt Ion: 99 Resp: 1316790
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 41.8 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 18.637 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

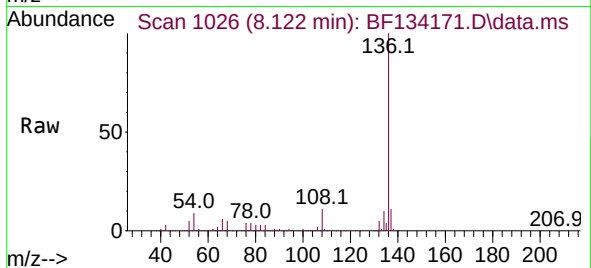
Tgt Ion: 70 Resp: 141098
Ion Ratio Lower Upper
70 100
42 53.3 54.7 82.1#
101 0.0 7.7 11.5#
130 1.7 16.4 24.6#



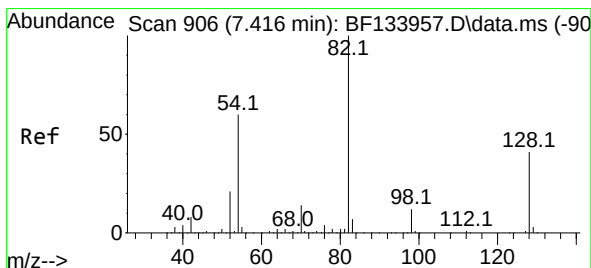
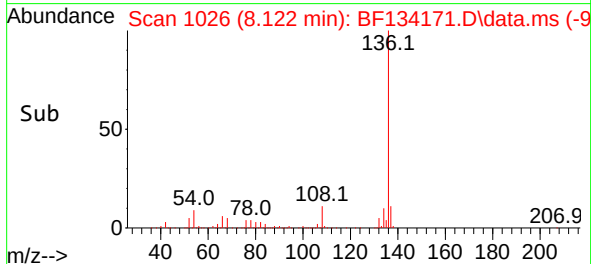
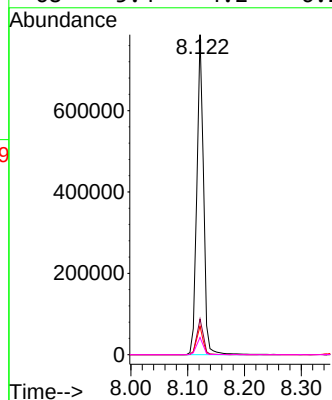


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

Instrument :
BNA_F
ClientSampleId :

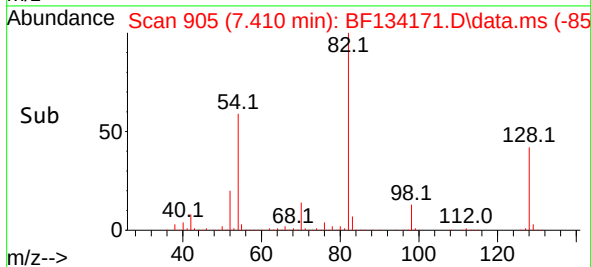
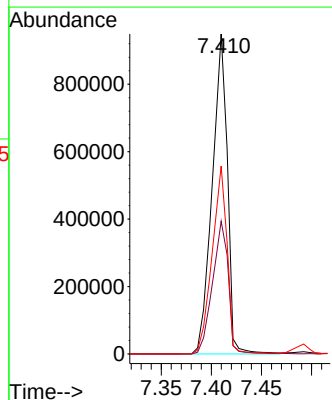
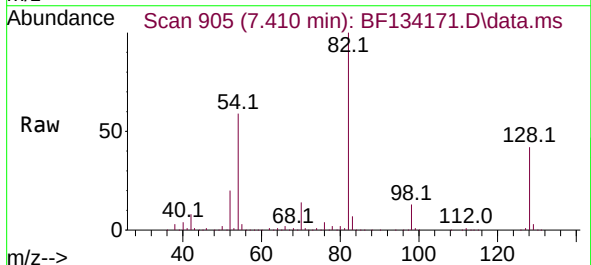


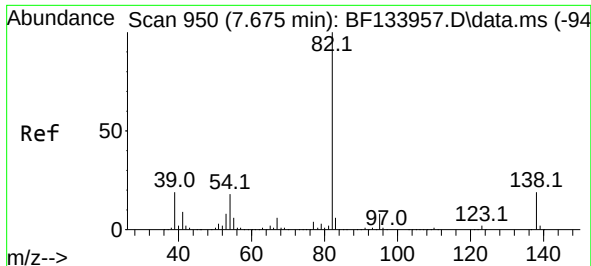
Tgt Ion:136 Resp: 652533
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 8.9 6.5 9.7
68 5.4 4.2 6.2



#23
Nitrobenzene-d5
Concen: 82.497 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

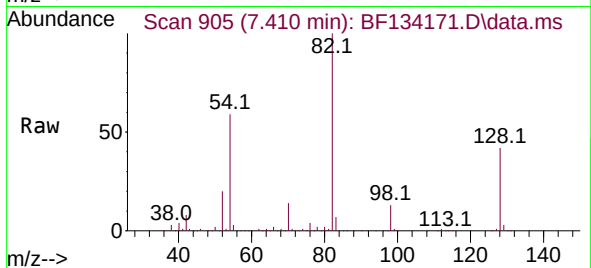
Tgt Ion: 82 Resp: 998636
Ion Ratio Lower Upper
82 100
128 41.5 32.5 48.7
54 58.7 48.2 72.2



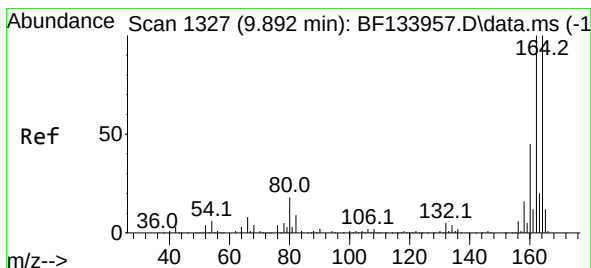
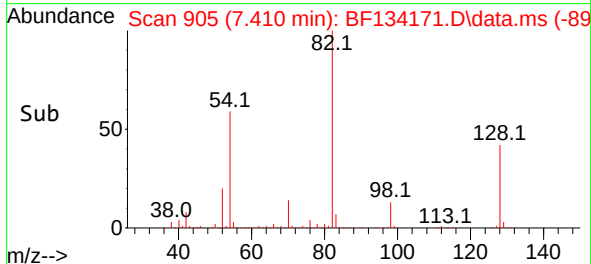
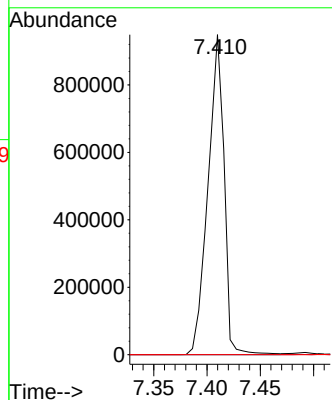


#25
Isophorone
Concen: 45.392 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

Instrument :
BNA_F
ClientSampleId :

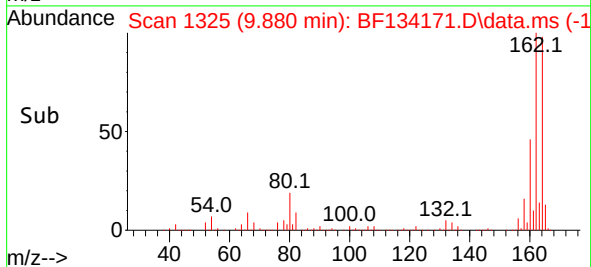
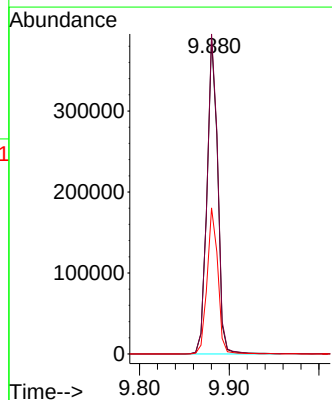
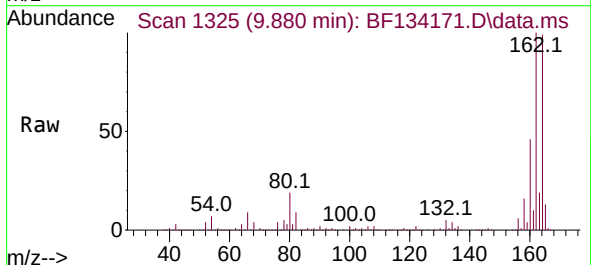


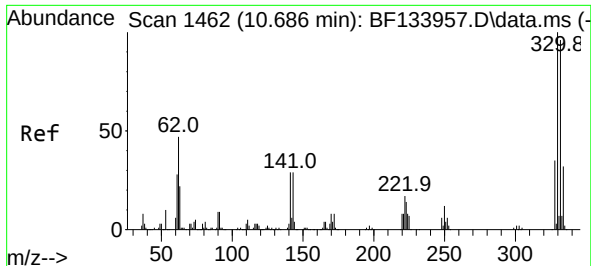
Tgt Ion: 82 Resp: 998626
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

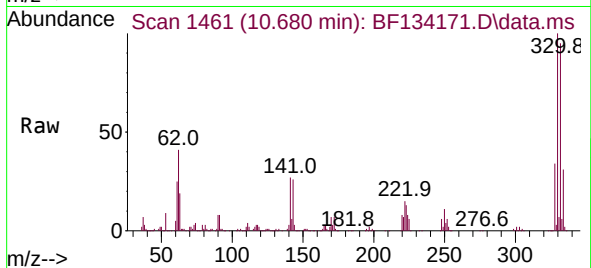
Tgt Ion: 164 Resp: 321920
Ion Ratio Lower Upper
164 100
162 101.2 80.0 120.0
160 46.2 35.9 53.9



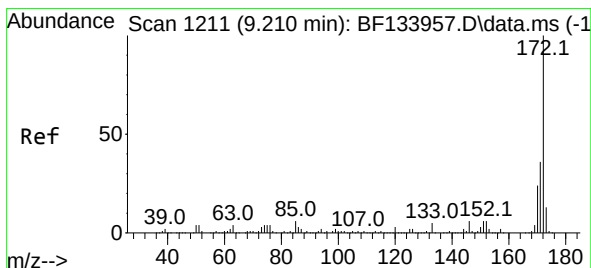
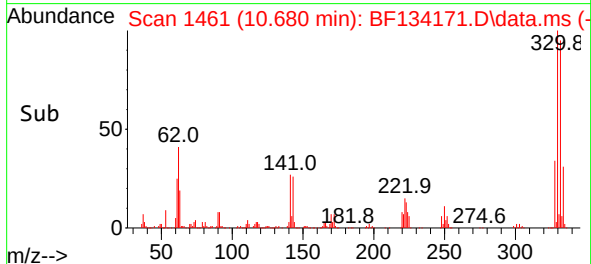
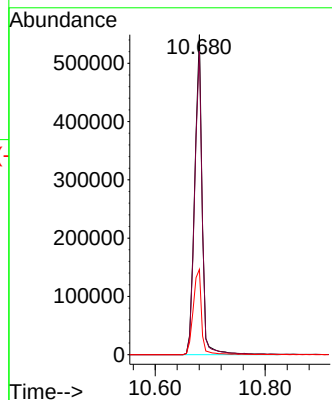


#42
2,4,6-Tribromophenol
Concen: 126.801 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

Instrument :
BNA_F
ClientSampleId :

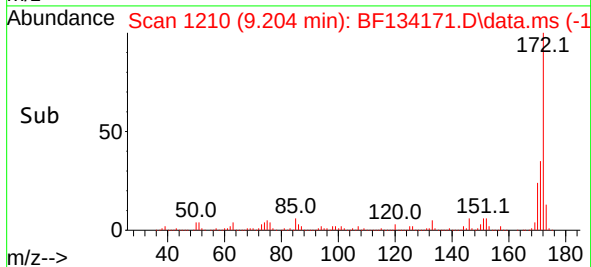
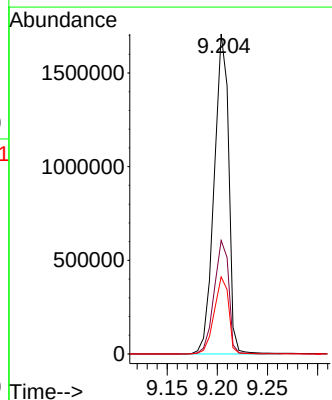
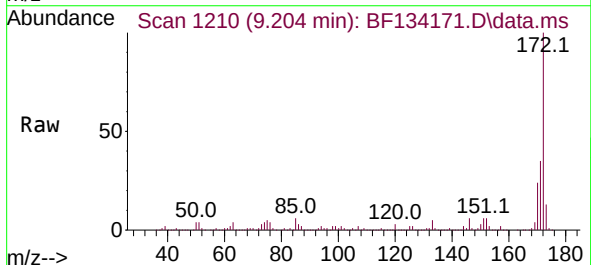


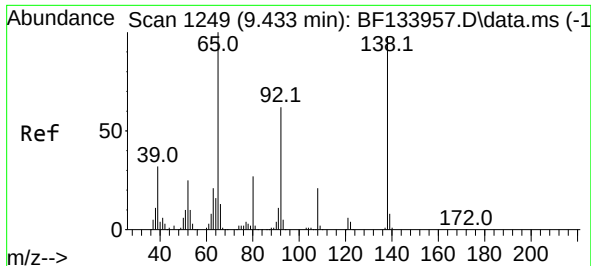
Tgt Ion:330 Resp: 511798
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.6
141 30.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 78.033 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

Tgt Ion:172 Resp: 1727804
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 24.1 19.4 29.0

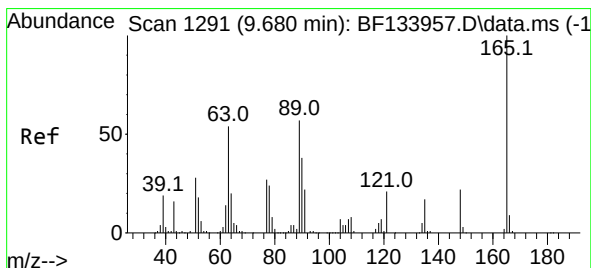
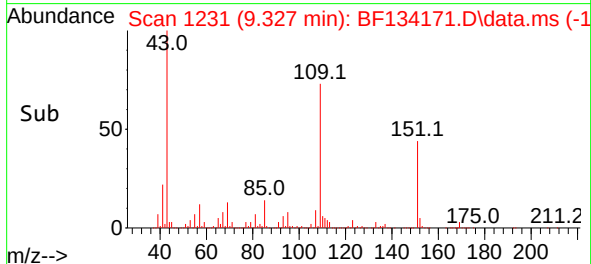
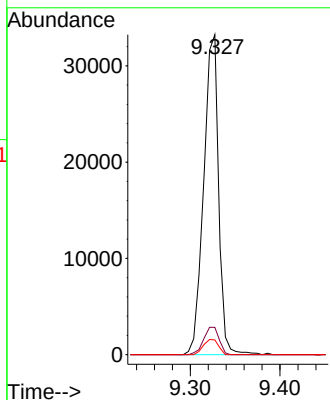
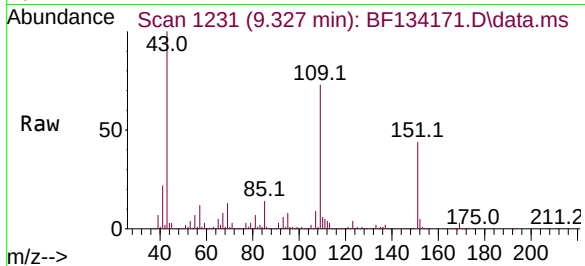




#48
2-Nitroaniline
Concen: 5.584 ng
RT: 9.327 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

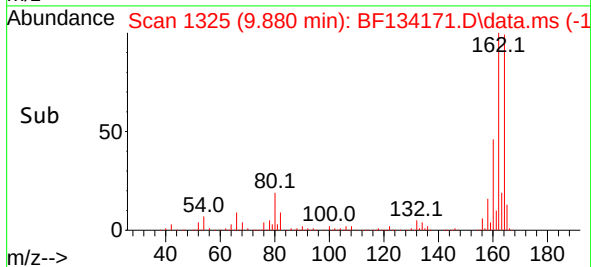
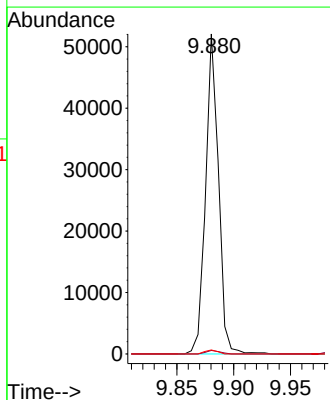
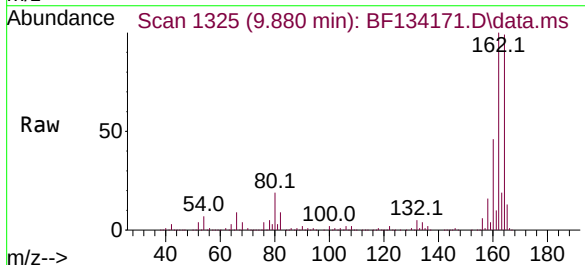
Instrument :
BNA_F
ClientSampleId :

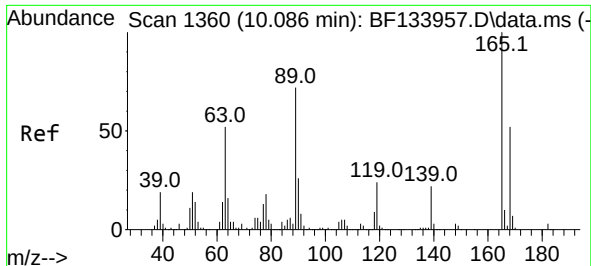
Tgt Ion: 65 Resp: 38452
Ion Ratio Lower Upper
65 100
92 8.6 49.5 74.3#
138 4.6 78.0 117.0#



#51
2,6-Dinitrotoluene
Concen: 8.150 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.200 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

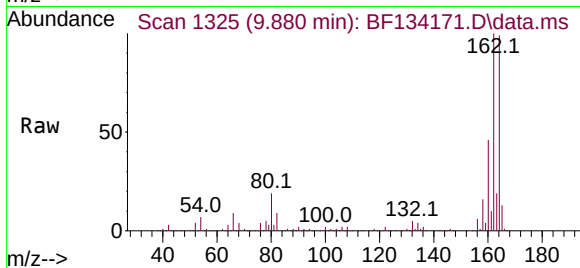
Tgt Ion:165 Resp: 41018
Ion Ratio Lower Upper
165 100
63 1.1 48.5 72.7#
89 1.3 45.5 68.3#



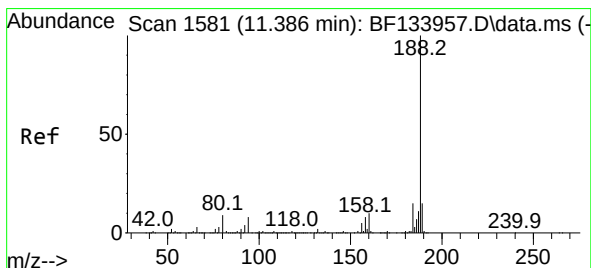
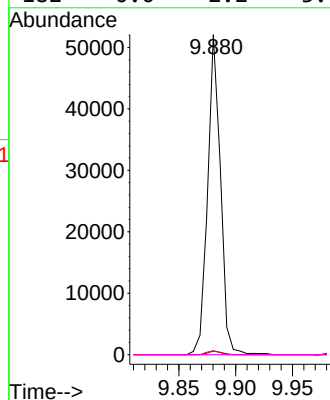
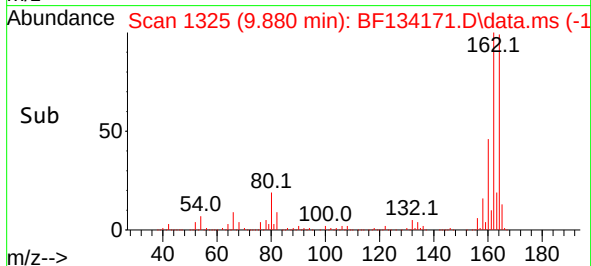


#57
2,4-Dinitrotoluene
Concen: 6.171 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

Instrument :
BNA_F
ClientSampleId :

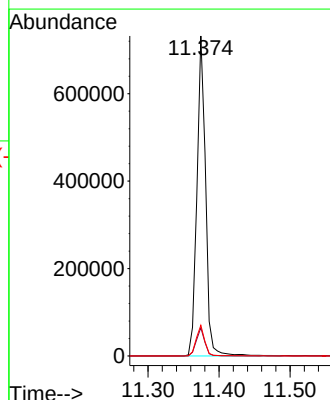
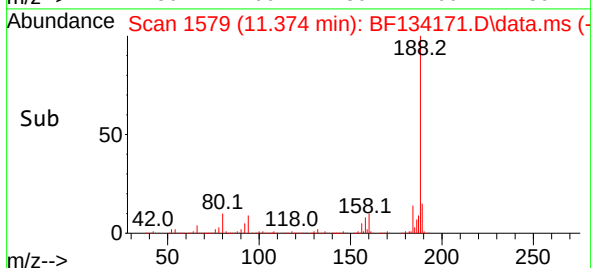
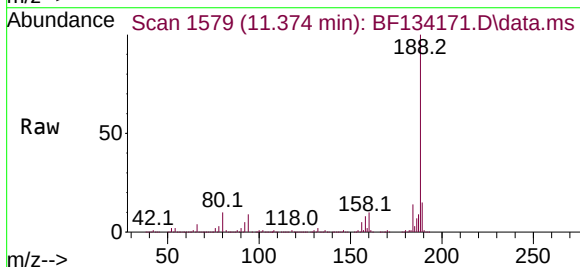


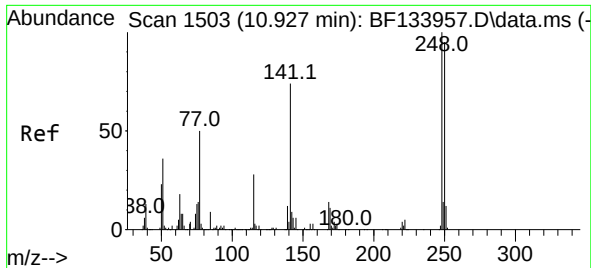
Tgt Ion:165 Resp: 41018
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.3 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

Tgt Ion:188 Resp: 623953
Ion Ratio Lower Upper
188 100
94 8.8 6.4 9.6
80 9.6 7.3 10.9

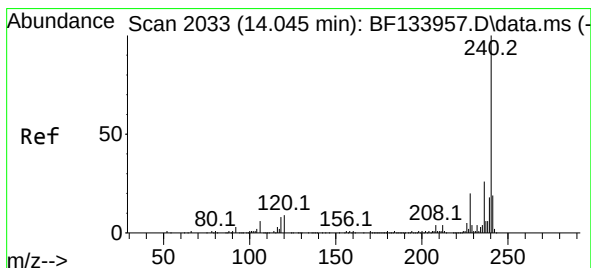
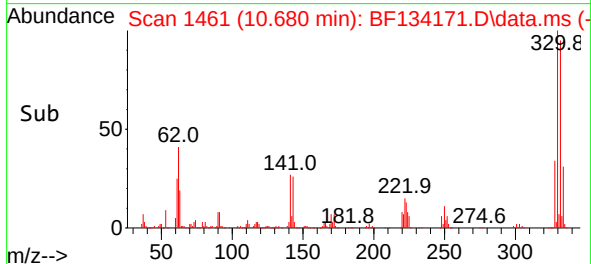
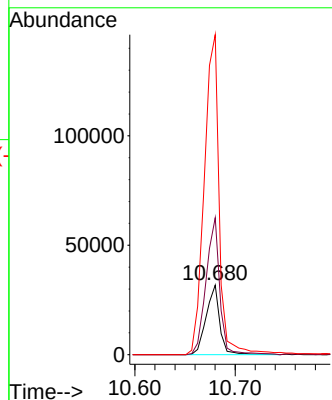
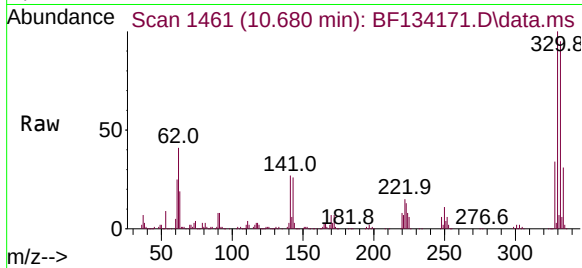




#67
4-Bromophenyl-phenylether
Concen: 4.531 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

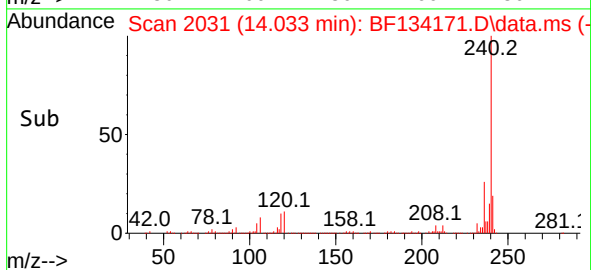
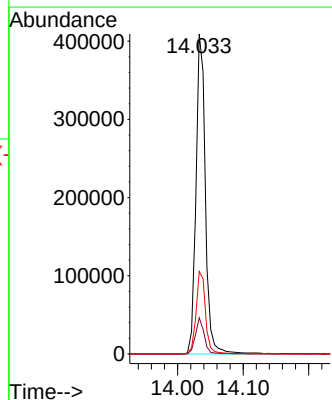
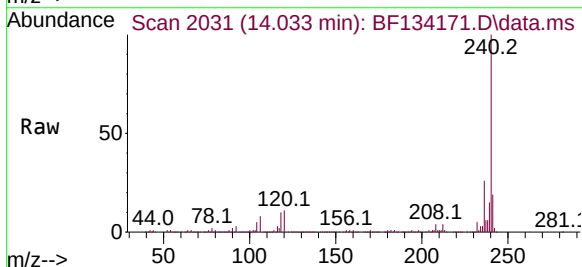
Instrument :
BNA_F
ClientSampleId :

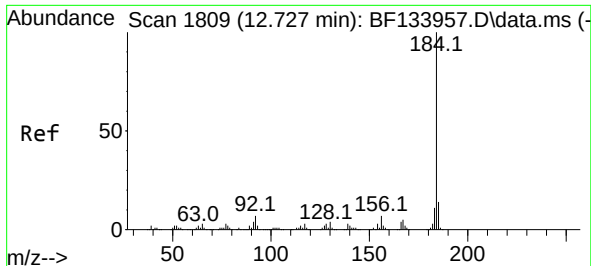
Tgt Ion:248 Resp: 30048
Ion Ratio Lower Upper
248 100
250 197.1 76.2 114.4#
141 460.2 59.0 88.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

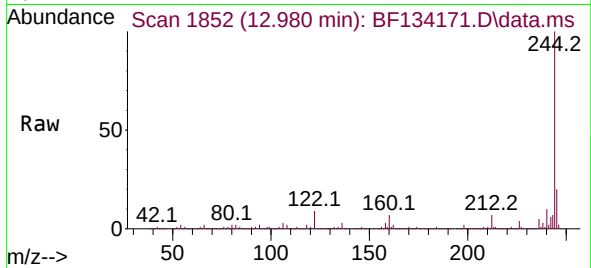
Tgt Ion:240 Resp: 409771
Ion Ratio Lower Upper
240 100
120 11.3 7.4 11.0#
236 25.8 21.0 31.6



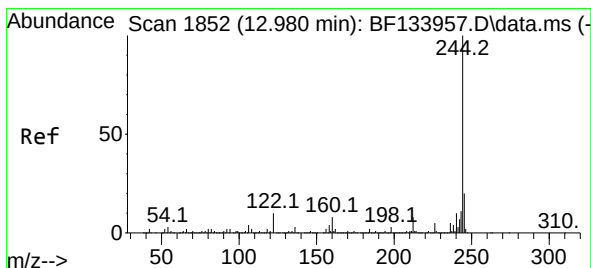
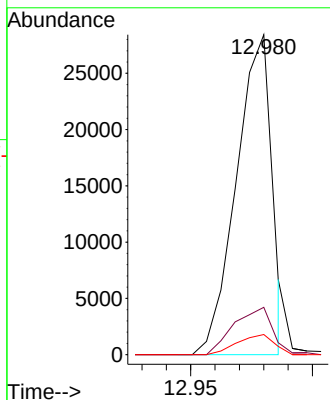
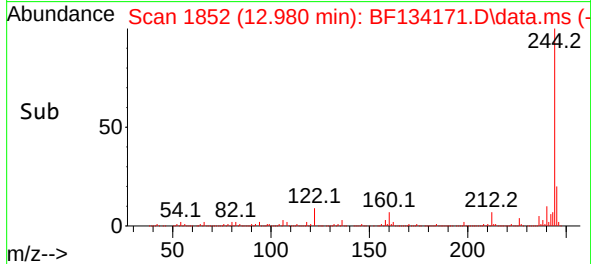


#77
Benzidine
Concen: 2.963 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

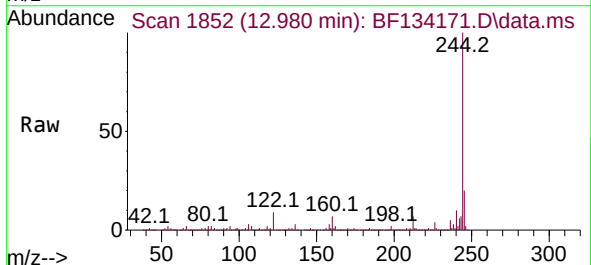
Instrument :
BNA_F
ClientSampleId :



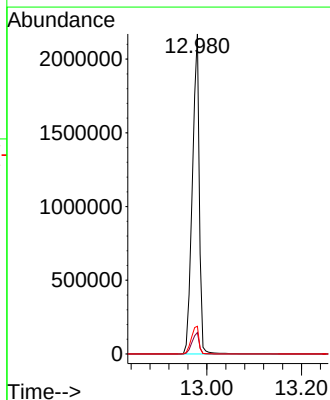
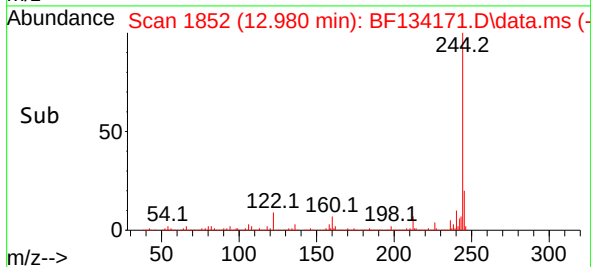
Tgt Ion:184 Resp: 28889
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 6.3 8.8 13.2#

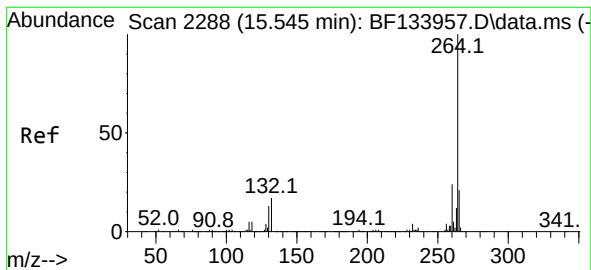


#79
Terphenyl-d14
Concen: 86.459 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02



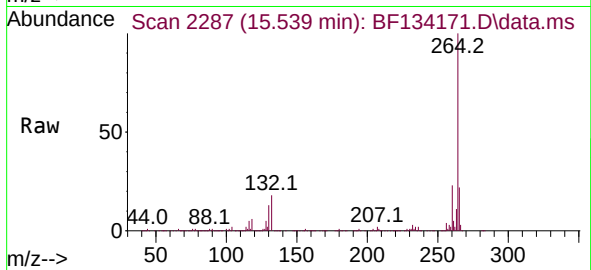
Tgt Ion:244 Resp: 2201307
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 8.6 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF134171.D
Acq: 09 Jul 2023 05:02

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 359229

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	21.7	16.6	25.0

