

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126484.D
 Acq On : 4 Jan 2022 23:43
 Operator : JU/CG
 Sample : M5330-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-25-(13-18)-12-29-21

Quant Time: Jan 05 02:02:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

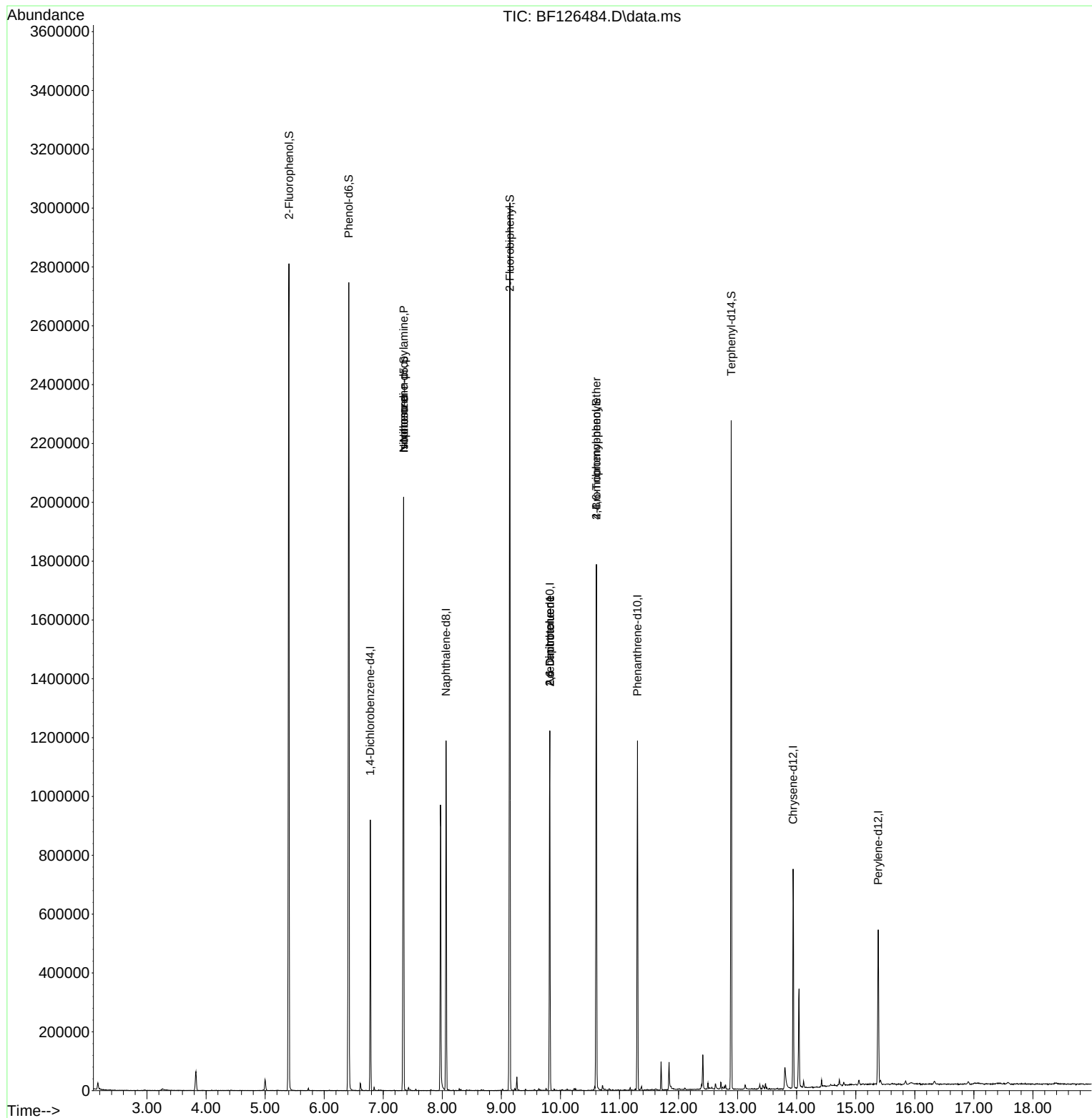
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	123226	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	531868	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	243171	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	379544	20.000	ng	0.00
76) Chrysene-d12	13.939	240	243236	20.000	ng	-0.01
86) Perylene-d12	15.380	264	208016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	864504	100.748	ng	0.01
7) Phenol-d6	6.416	99	1097006	98.705	ng	0.00
23) Nitrobenzene-d5	7.345	82	698615	67.444	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	211124	112.354	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	954236	69.054	ng	0.00
79) Terphenyl-d14	12.892	244	747733	59.728	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	86758	13.680	ng	# 81
25) Isophorone	7.345	82	698605	37.675	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	30736	9.375	ng	# 20
57) 2,4-Dinitrotoluene	9.822	165	30736	7.267	ng	# 14
67) 4-Bromophenyl-phenylether	10.610	248	11586	3.439	ng	# 1
77) Benzidine	12.892	184	9390	Below Cal		96

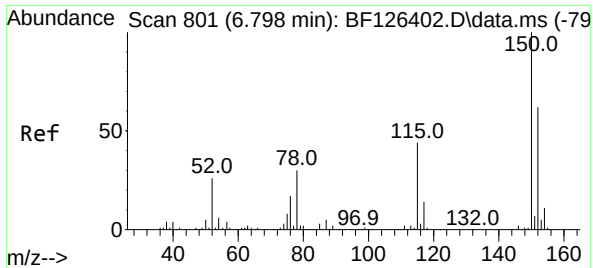
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

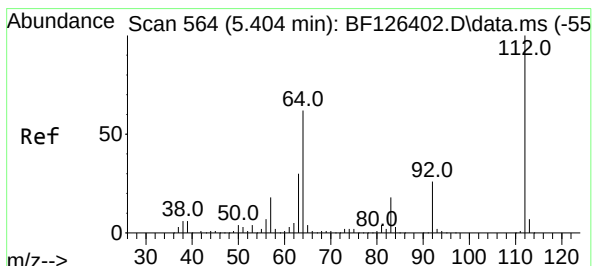
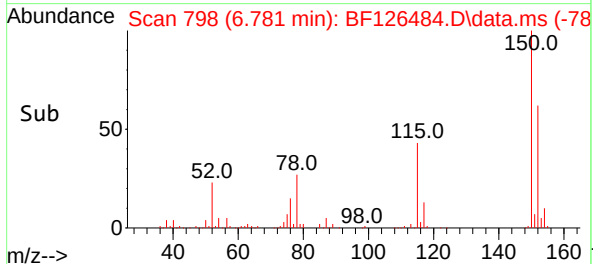
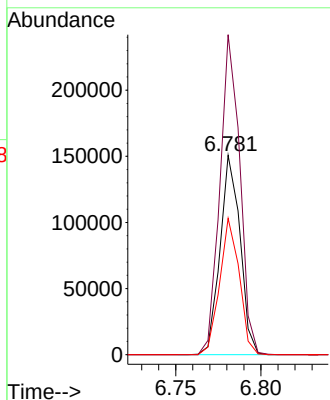
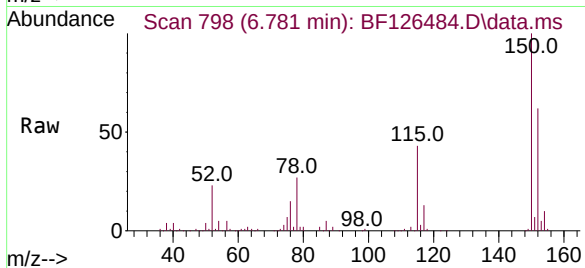




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

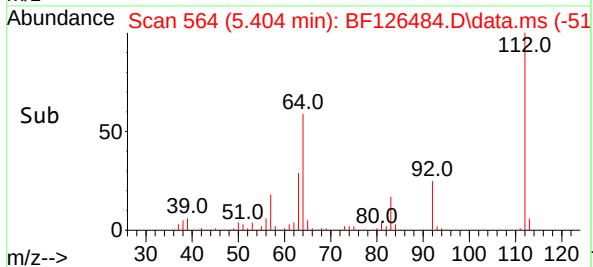
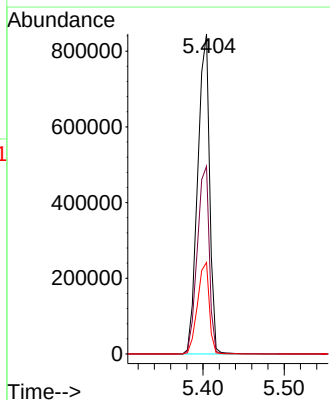
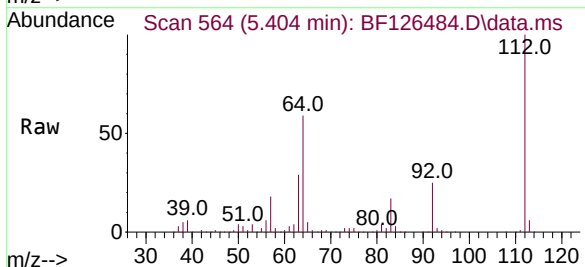
Instrument :
BNA_F
ClientSampleId :
DB-25-(13-18)-12-29-21

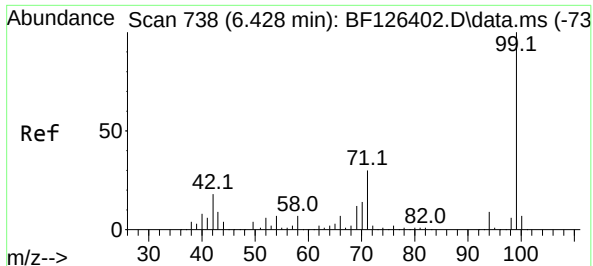
Tgt Ion:152 Resp: 123226
Ion Ratio Lower Upper
152 100
150 160.6 128.1 192.1
115 68.4 56.7 85.1



#5
2-Fluorophenol
Concen: 100.748 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

Tgt Ion:112 Resp: 864504
Ion Ratio Lower Upper
112 100
64 58.7 49.5 74.3
63 28.6 23.9 35.9

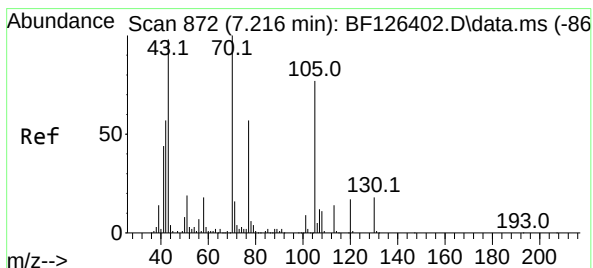
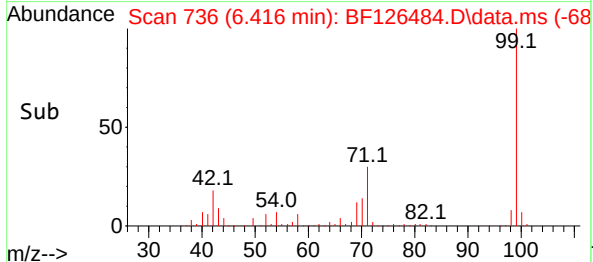
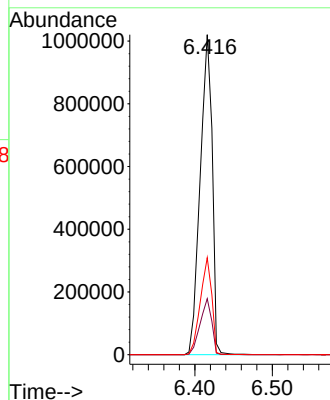
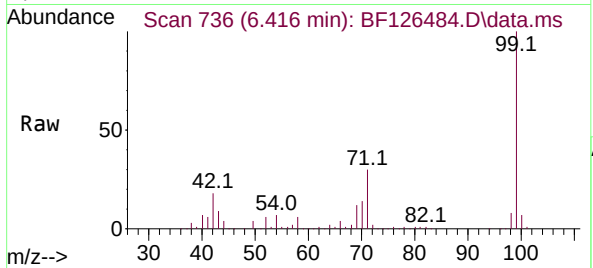




#7
Phenol-d6
Concen: 98.705 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

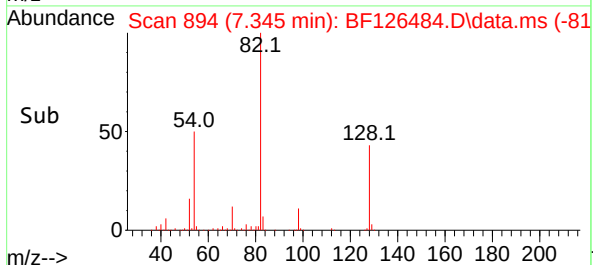
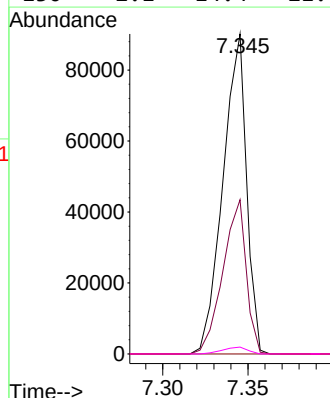
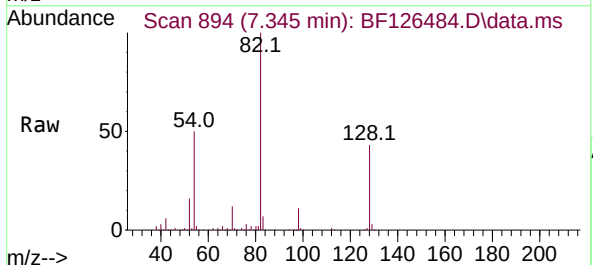
Instrument :
BNA_F
ClientSampleId :
DB-25-(13-18)-12-29-21

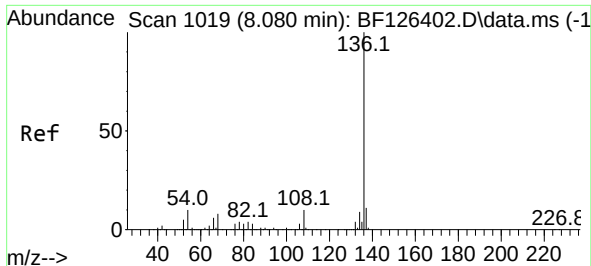
Tgt Ion: 99 Resp: 1097006
Ion Ratio Lower Upper
99 100
42 17.5 14.2 21.4
71 30.3 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.680 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

Tgt Ion: 70 Resp: 86758
Ion Ratio Lower Upper
70 100
42 48.2 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#

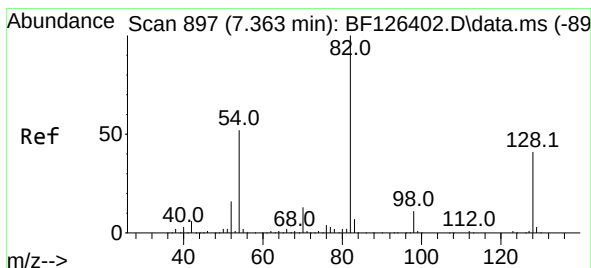
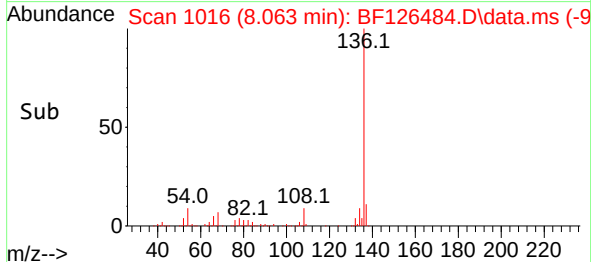
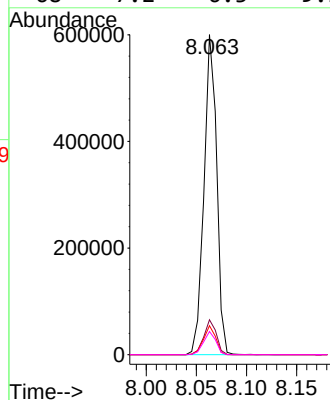
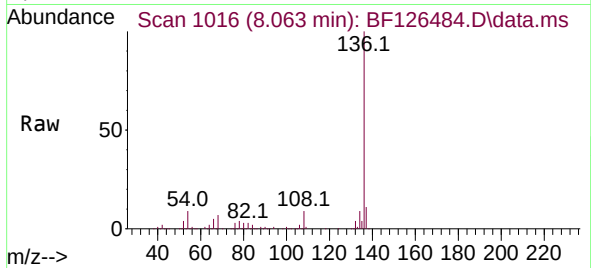




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

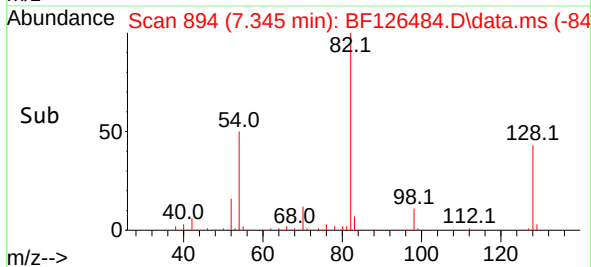
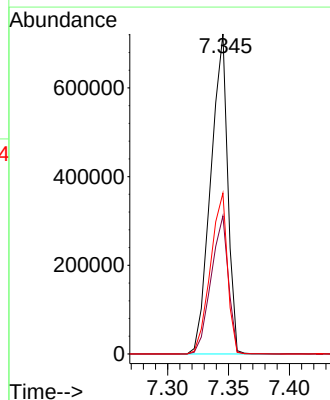
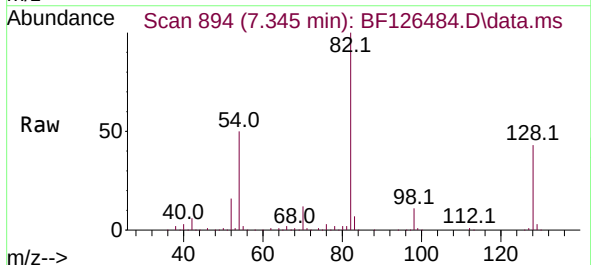
Instrument :
BNA_F
ClientSampleId :
DB-25-(13-18)-12-29-21

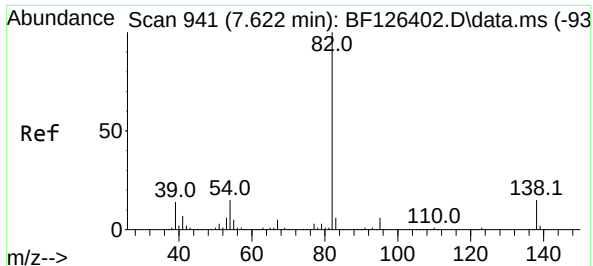
Tgt	Ion:136	Resp:	531868
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.0	7.8	11.6
68	7.2	6.3	9.5



#23
Nitrobenzene-d5
Concen: 67.444 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

Tgt Ion: 82	Resp: 698615
Ion Ratio	Lower Upper
82 100	
128 43.1	32.7 49.1
54 50.2	41.7 62.5

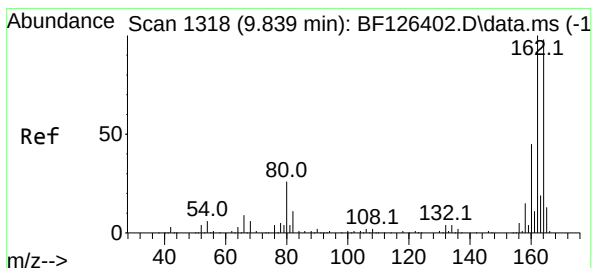
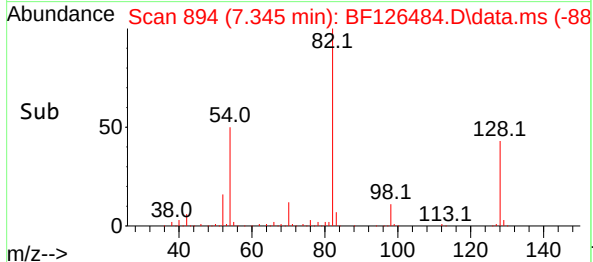
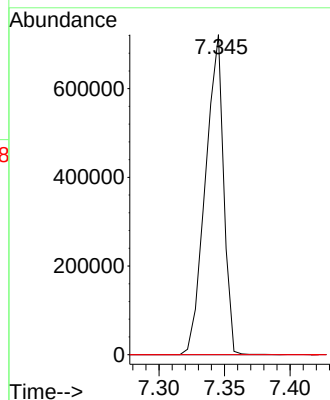
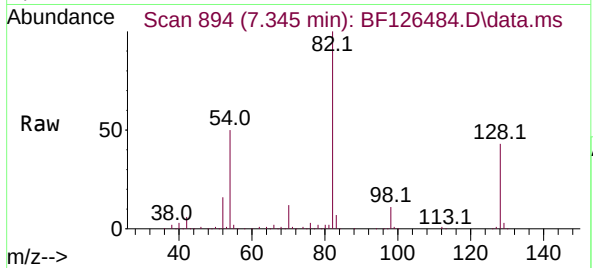




#25
Isophorone
Concen: 37.675 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

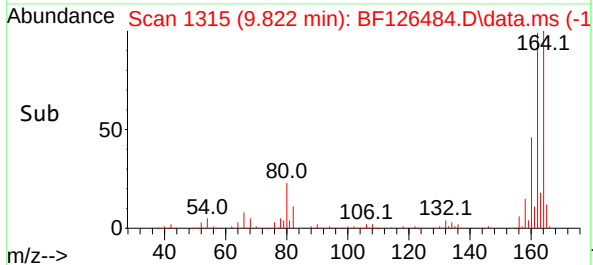
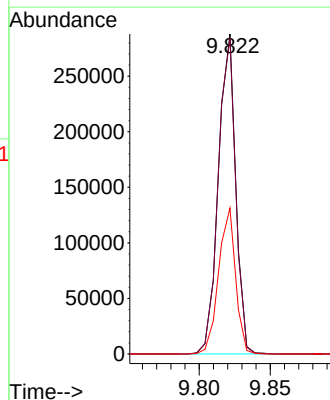
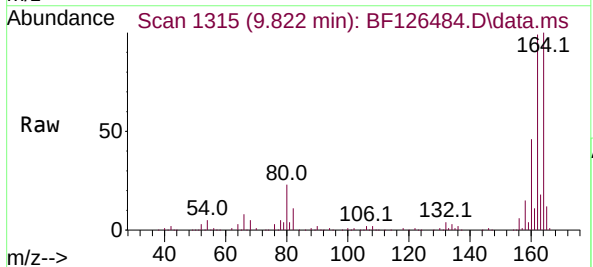
Instrument :
BNA_F
ClientSampleId :
DB-25-(13-18)-12-29-21

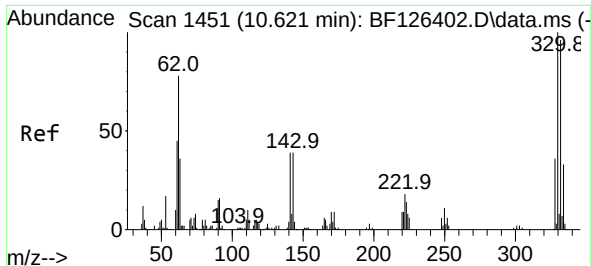
Tgt Ion: 82 Resp: 698605
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

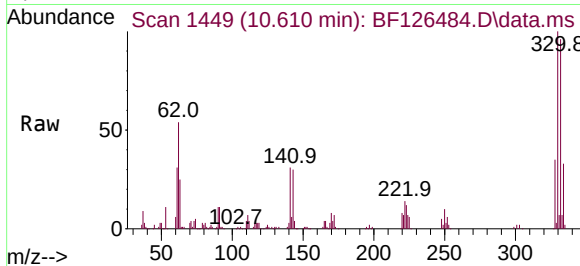
Tgt Ion: 164 Resp: 243171
Ion Ratio Lower Upper
164 100
162 98.6 81.4 122.0
160 45.6 36.6 54.8



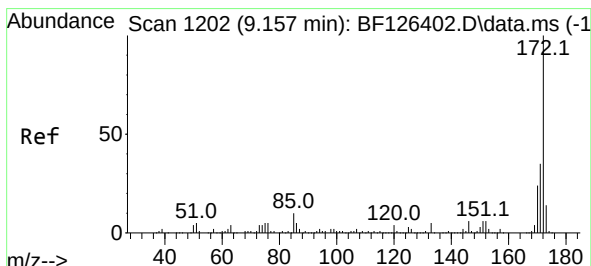
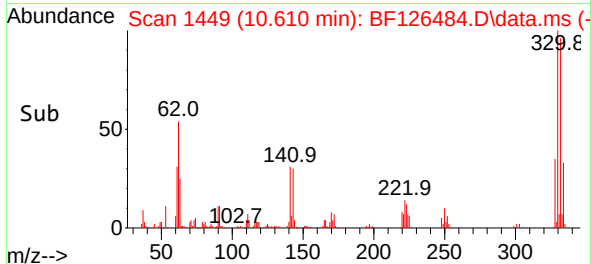
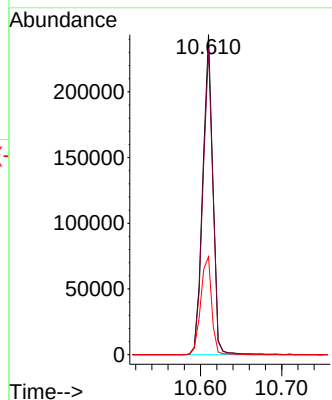


#42
2,4,6-Tribromophenol
Concen: 112.354 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

Instrument :
BNA_F
ClientSampleId :
DB-25-(13-18)-12-29-21

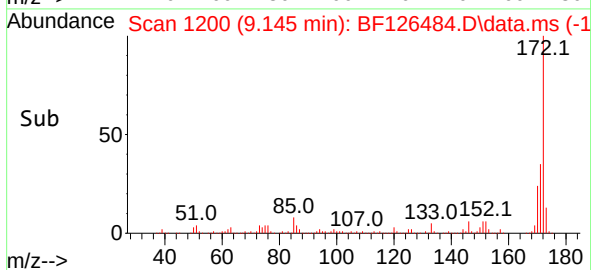
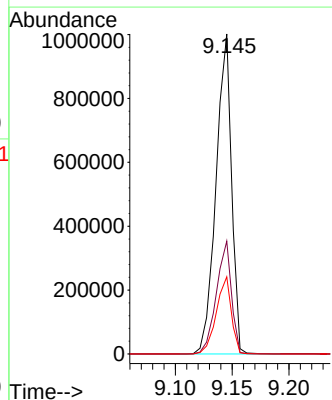
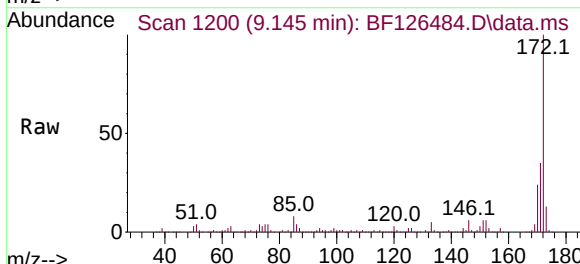


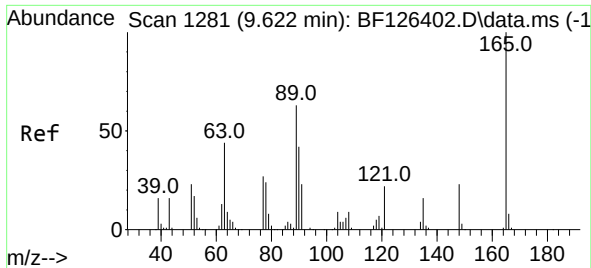
Tgt Ion:330 Resp: 211124
Ion Ratio Lower Upper
330 100
332 95.2 76.0 114.0
141 33.0 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 69.054 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

Tgt Ion:172 Resp: 954236
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 24.1 19.0 28.6

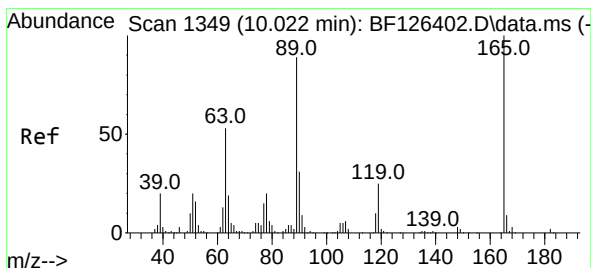
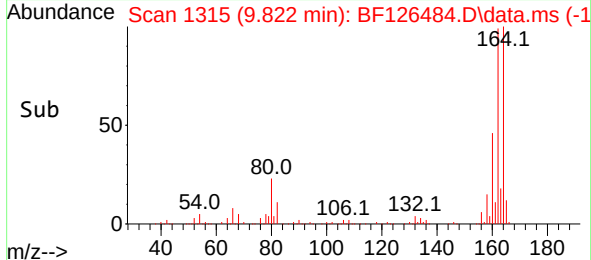
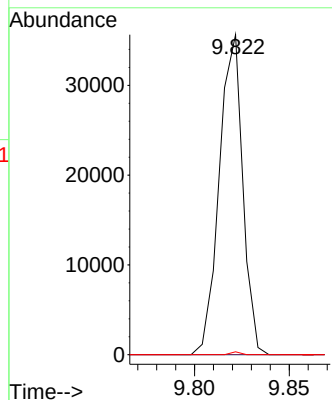
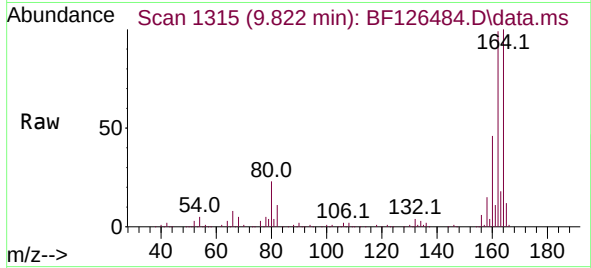




#51
2,6-Dinitrotoluene
Concen: 9.375 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.212 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

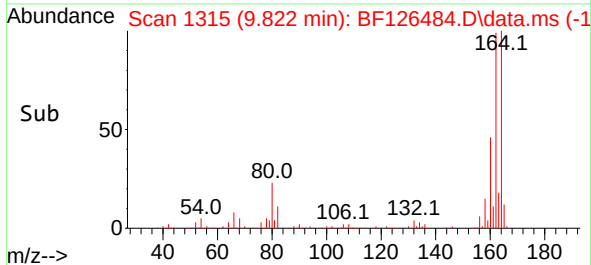
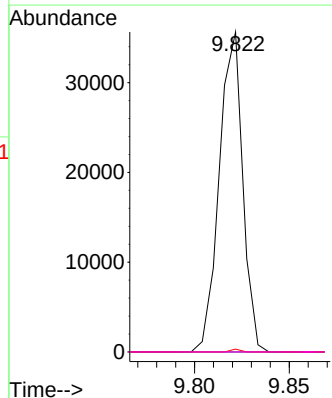
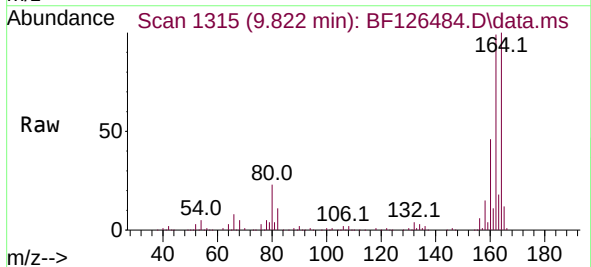
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ClientSampleId :
DB-25-(13-18)-12-29-21

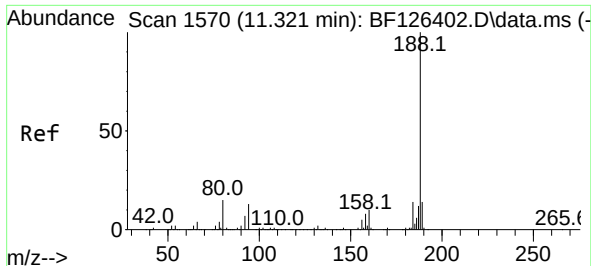
Tgt Ion:165 Resp: 30736
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.9 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.267 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

Tgt Ion:165 Resp: 30736
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.9 71.0 106.4#
182 0.0 1.6 2.4#

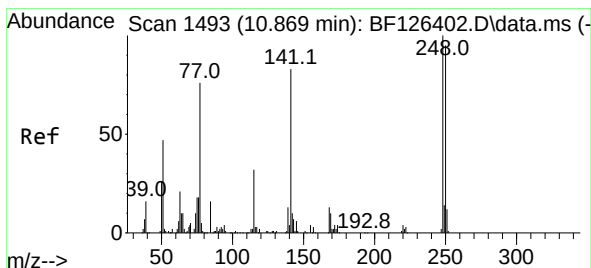
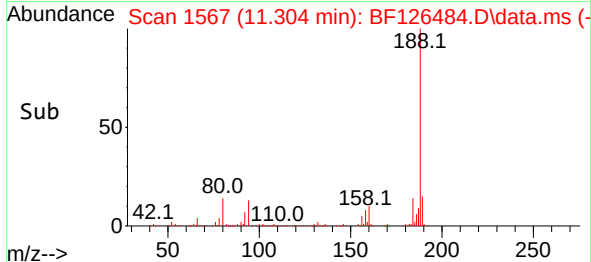
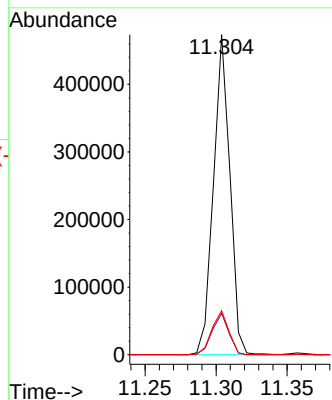
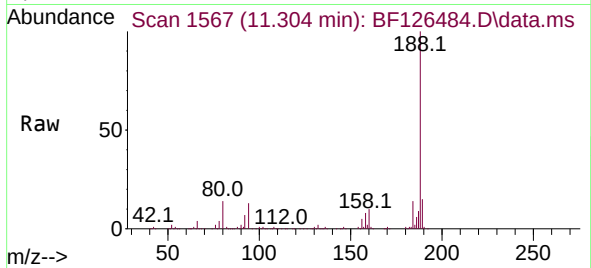




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

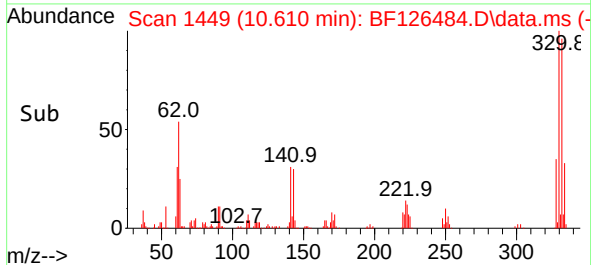
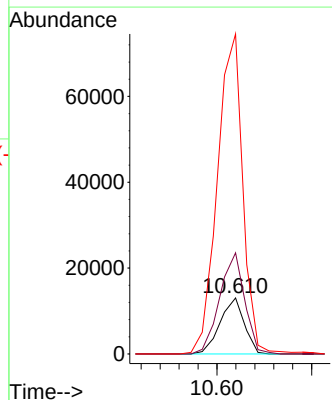
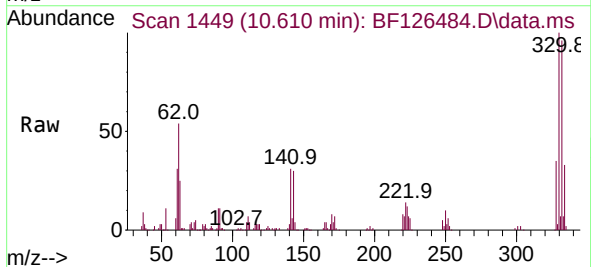
Instrument :
BNA_F
ClientSampleId :
DB-25-(13-18)-12-29-21

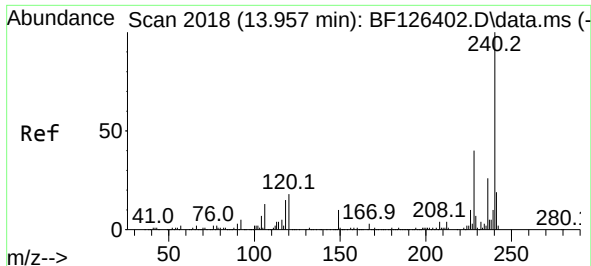
Tgt Ion:188 Resp: 379544
Ion Ratio Lower Upper
188 100
94 13.0 10.1 15.1
80 13.7 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.439 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

Tgt Ion:248 Resp: 11586
Ion Ratio Lower Upper
248 100
250 180.3 76.2 114.4#
141 570.5 66.2 99.4#

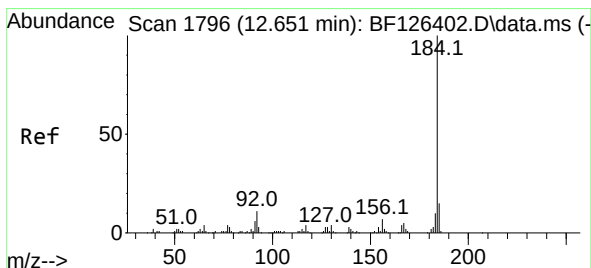
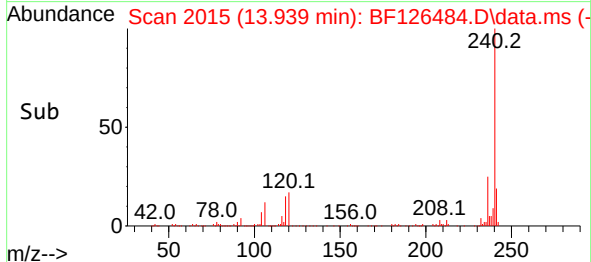
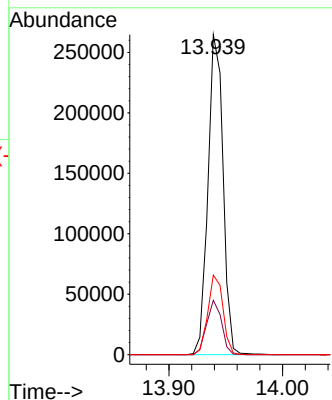
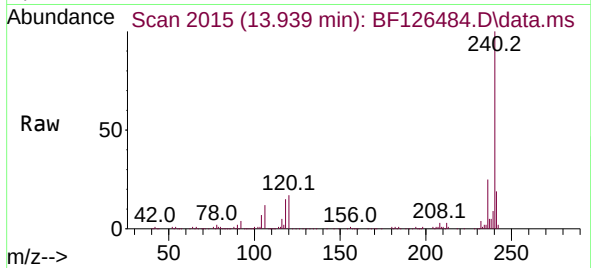




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

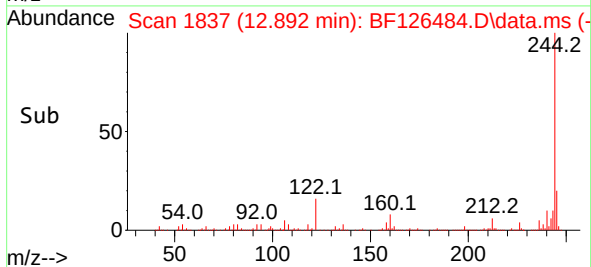
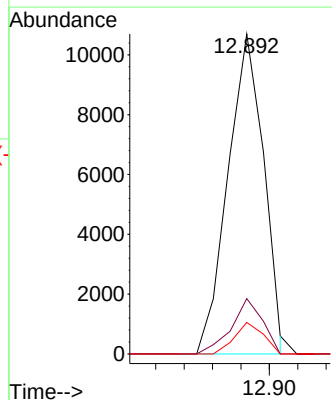
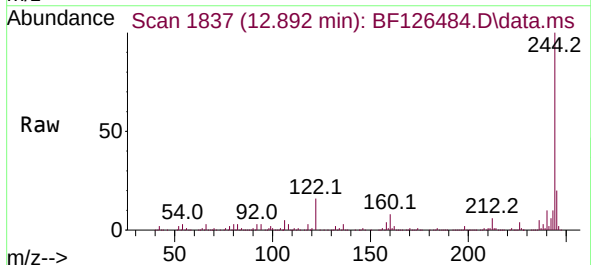
Instrument :
BNA_F
ClientSampleId :
DB-25-(13-18)-12-29-21

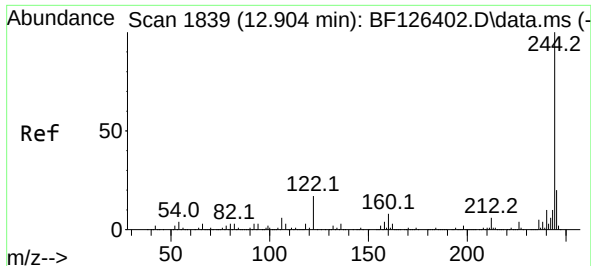
Tgt Ion:240 Resp: 243236
Ion Ratio Lower Upper
240 100
120 17.0 14.4 21.6
236 24.9 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126484.D
Acq: 4 Jan 2022 23:43

Tgt Ion:184 Resp: 9390
Ion Ratio Lower Upper
184 100
185 17.3 11.8 17.8
183 9.9 8.2 12.2

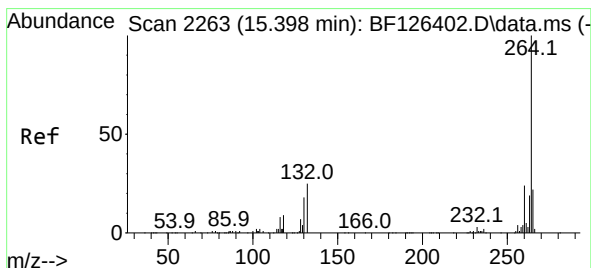
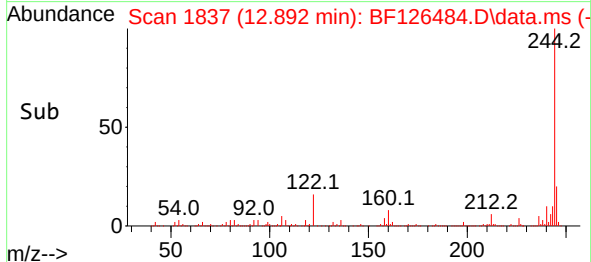
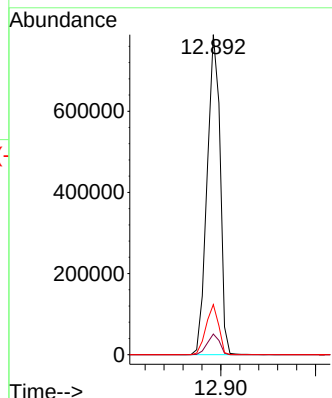
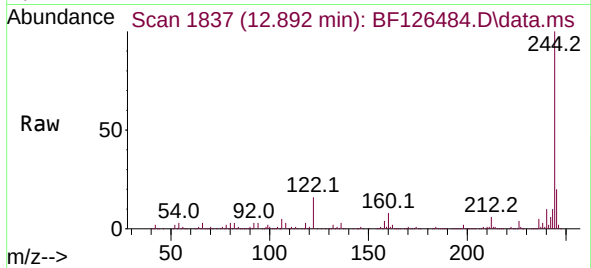




#79
 Terphenyl-d14
 Concen: 59.728 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126484.D
 Acq: 4 Jan 2022 23:43

Instrument :
 BNA_F
 ClientSampleId :
 DB-25-(13-18)-12-29-21

Tgt Ion:244 Resp: 747733
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 15.6 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126484.D
 Acq: 4 Jan 2022 23:43

Tgt Ion:264 Resp: 208016
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.3 17.4 26.2

