

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126842.D
 Acq On : 10 Feb 2022 14:33
 Operator : CG\JU
 Sample : N1432-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-5

Quant Time: Feb 10 15:11:27 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)

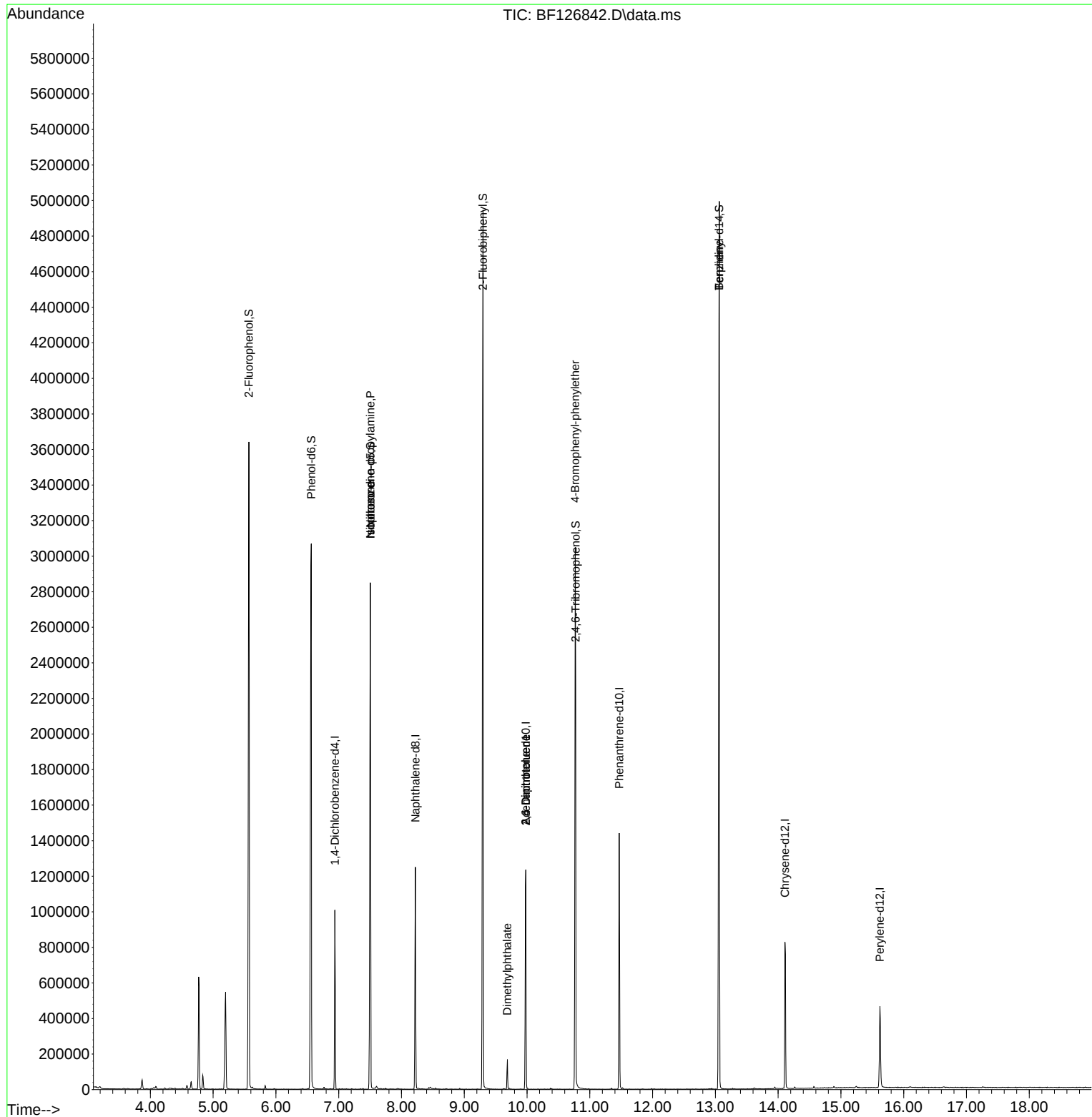
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	121185	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	482720	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	249617	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	445729	20.000	ng	0.00
76) Chrysene-d12	14.110	240	268912	20.000	ng	-0.01
86) Perylene-d12	15.621	264	197938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	960158	121.988	ng	0.01
7) Phenol-d6	6.563	99	1174936	110.576	ng	0.00
23) Nitrobenzene-d5	7.504	82	930179	88.910	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	354500	132.470	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1429421	86.200	ng	0.00
79) Terphenyl-d14	13.063	244	1714558	91.403	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.504	70	124534	18.508	ng	# 79
25) Isophorone	7.504	82	930171	53.067	ng	# 68
50) Dimethylphthalate	9.686	163	51793	2.932	ng	98
51) 2,6-Dinitrotoluene	9.980	165	31960	8.937	ng	# 20
57) 2,4-Dinitrotoluene	9.980	165	31960	6.759	ng	# 16
67) 4-Bromophenyl-phenylether	10.769	248	20906	4.316	ng	# 1
77) Benzidine	13.063	184	24999	3.533	ng	97

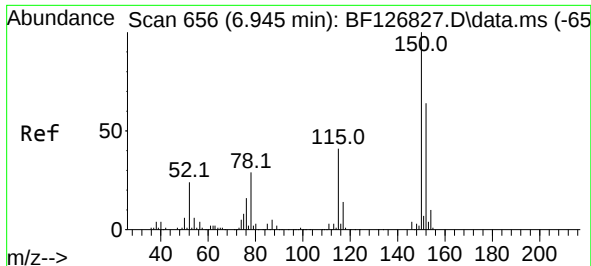
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
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QLast Update : Thu Feb 10 00:44:00 2022
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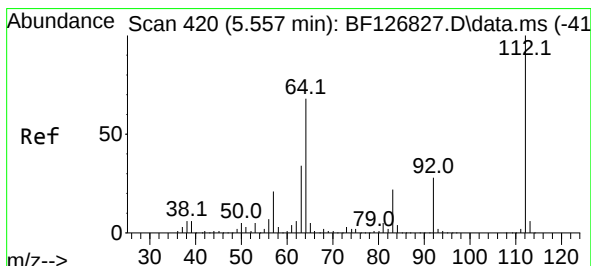
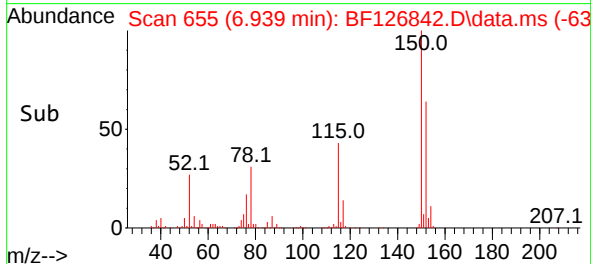
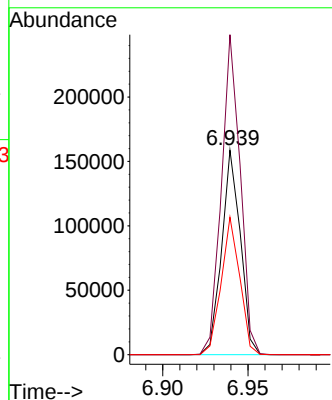
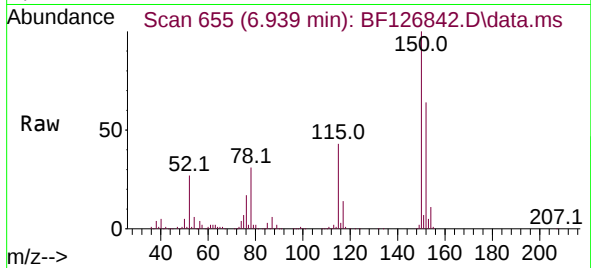




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

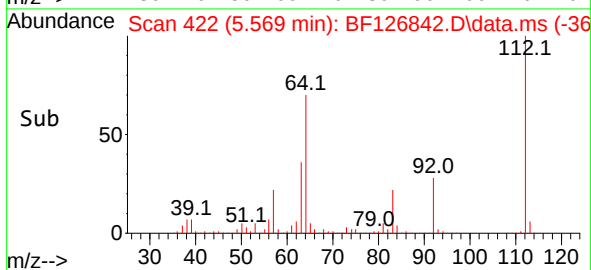
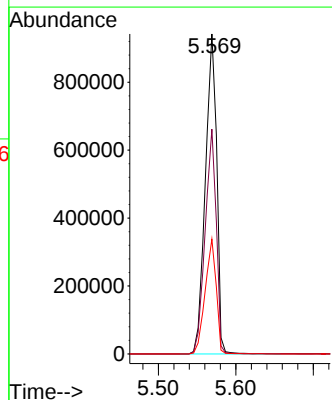
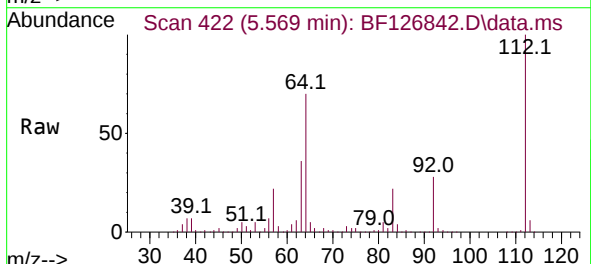
Instrument :
BNA_F
ClientSampleId :
SP-5

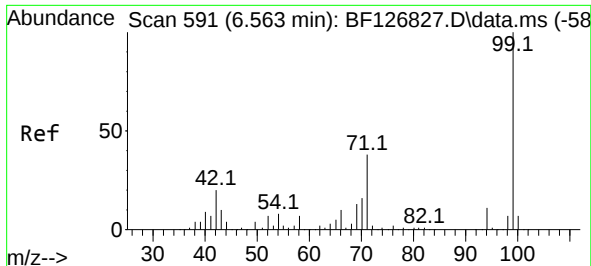
Tgt Ion:152 Resp: 121185
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 67.2 50.5 75.7



#5
2-Fluorophenol
Concen: 121.988 ng
RT: 5.569 min Scan# 422
Delta R.T. 0.012 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

Tgt Ion:112 Resp: 960158
Ion Ratio Lower Upper
112 100
64 70.2 54.3 81.5
63 35.9 27.5 41.3



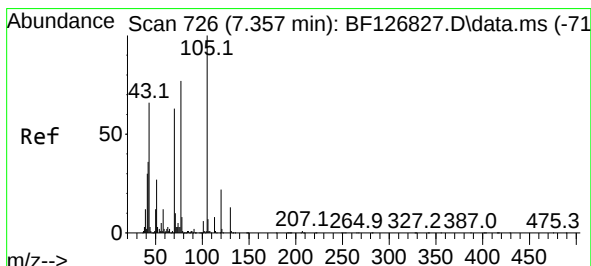
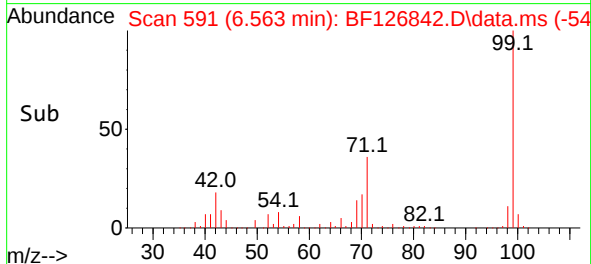
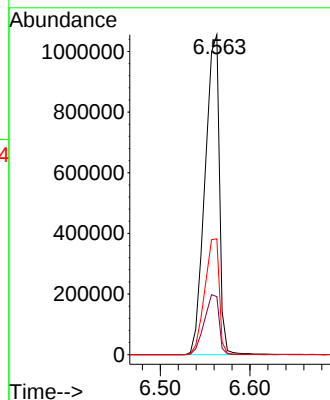
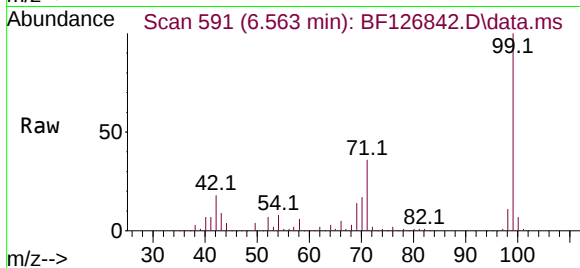


#7
Phenol-d6
Concen: 110.576 ng
RT: 6.563 min Scan# 591
Delta R.T. -0.000 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

Instrument :
BNA_F
ClientSampleId :
SP-5

Tgt Ion: 99 Resp: 1174936

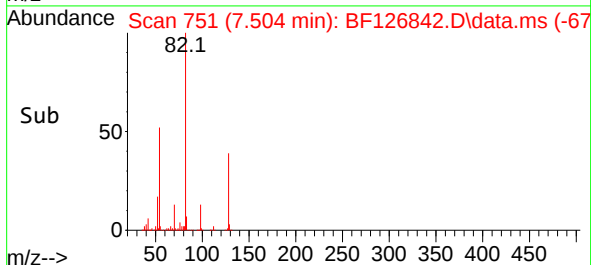
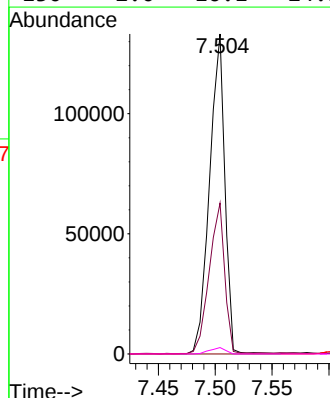
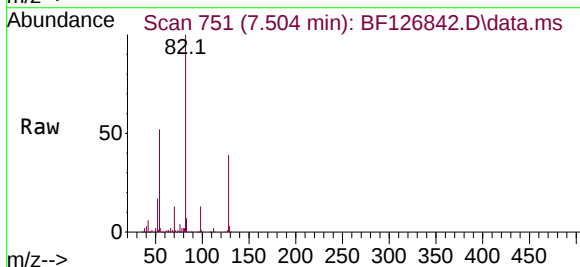
Ion	Ratio	Lower	Upper
99	100		
42	18.1	15.8	23.6
71	36.2	30.6	45.8

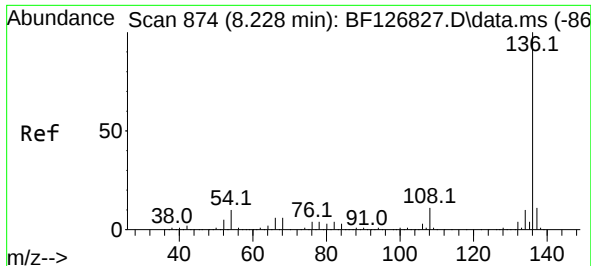


#19
n-Nitroso-di-n-propylamine
Concen: 18.508 ng
RT: 7.504 min Scan# 751
Delta R.T. 0.147 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

Tgt Ion: 70 Resp: 124534

Ion	Ratio	Lower	Upper
70	100		
42	47.2	46.3	69.5
101	0.0	7.5	11.3#
130	2.0	16.1	24.1#

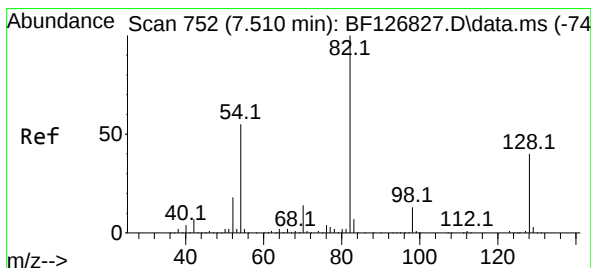
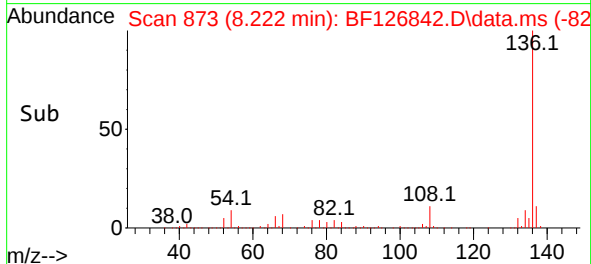
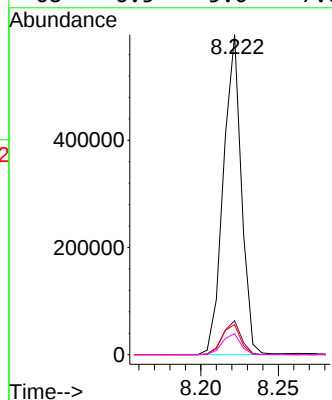
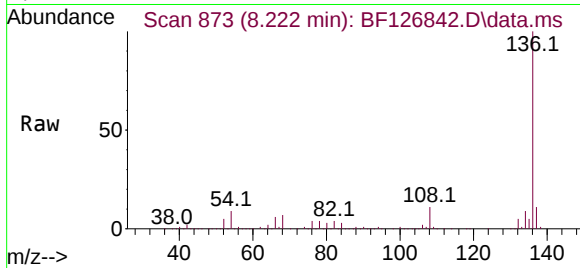




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

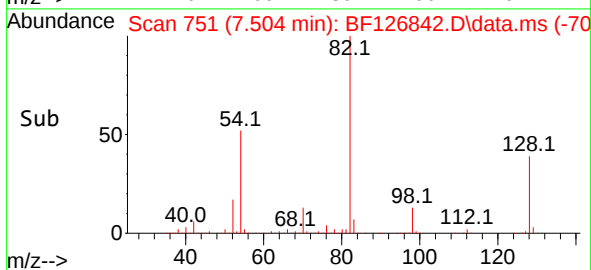
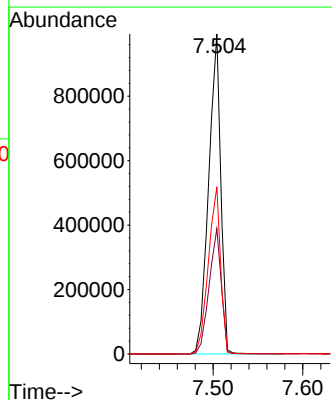
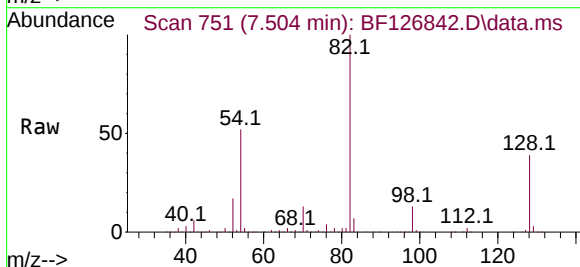
Instrument :
BNA_F
ClientSampleId :
SP-5

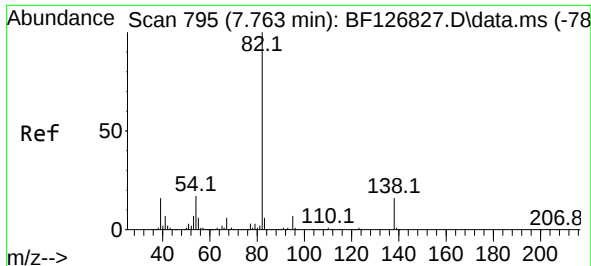
Tgt Ion:136 Resp: 482720
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.4 8.0 12.0
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 88.910 ng
RT: 7.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

Tgt Ion: 82 Resp: 930179
Ion Ratio Lower Upper
82 100
128 39.1 31.6 47.4
54 52.3 43.7 65.5

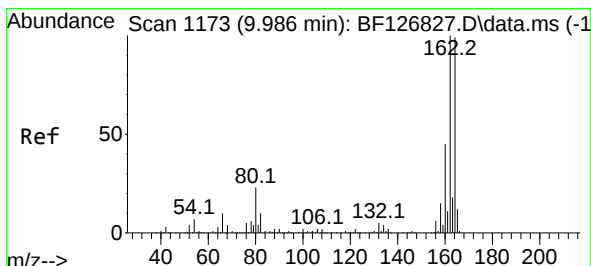
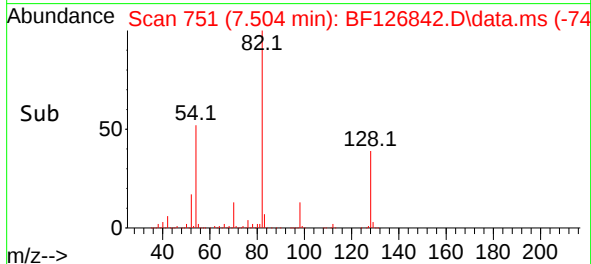
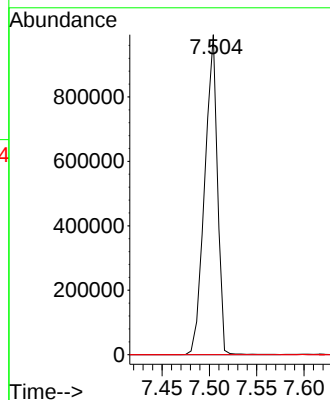
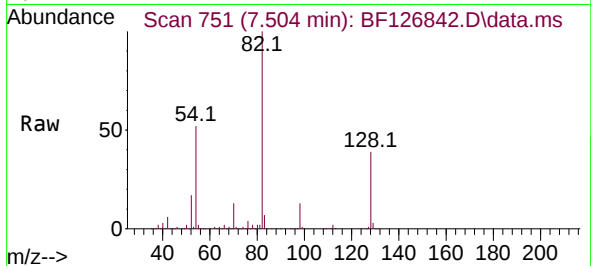




#25
Isophorone
Concen: 53.067 ng
RT: 7.504 min Scan# 71
Delta R.T. -0.259 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

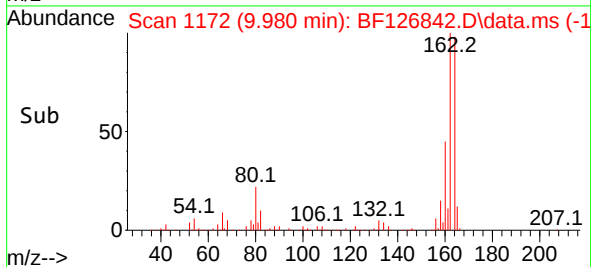
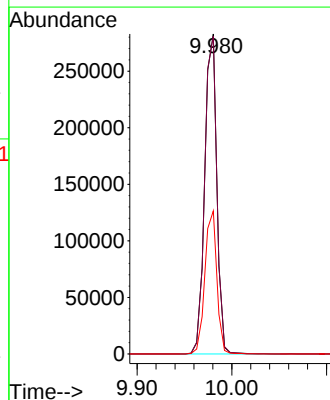
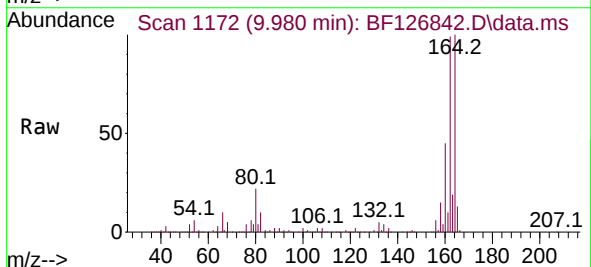
Instrument :
BNA_F
ClientSampleId :
SP-5

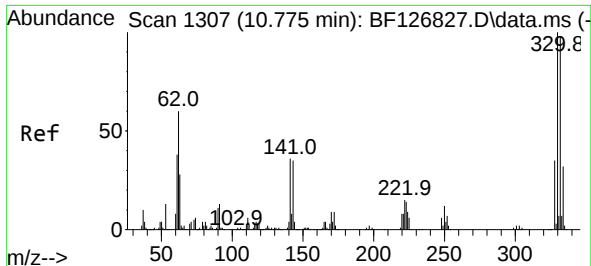
Tgt Ion: 82 Resp: 930171
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 12.6 19.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

Tgt Ion:164 Resp: 249617
Ion Ratio Lower Upper
164 100
162 99.3 80.9 121.3
160 44.7 36.0 54.0

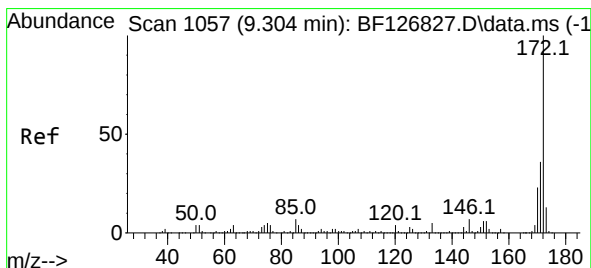
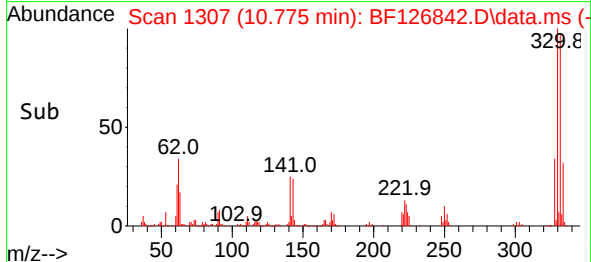
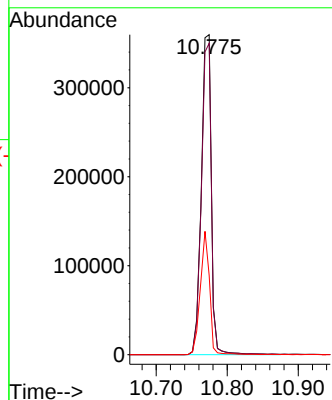
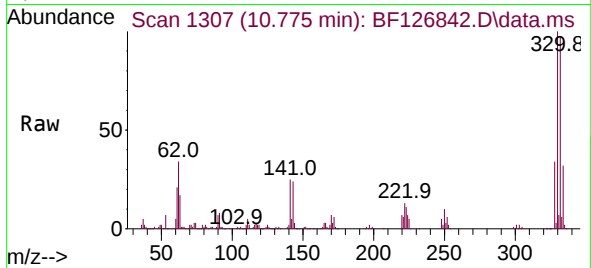




#42
 2,4,6-Tribromophenol
 Concen: 132.470 ng
 RT: 10.775 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126842.D
 Acq: 10 Feb 2022 14:33

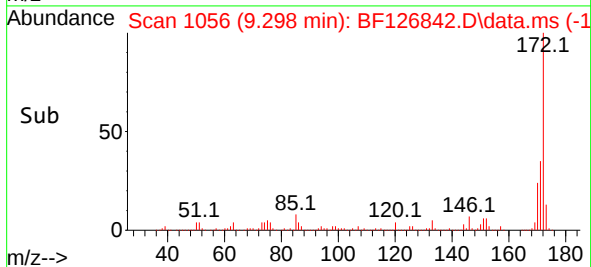
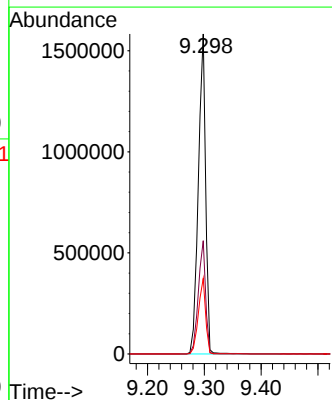
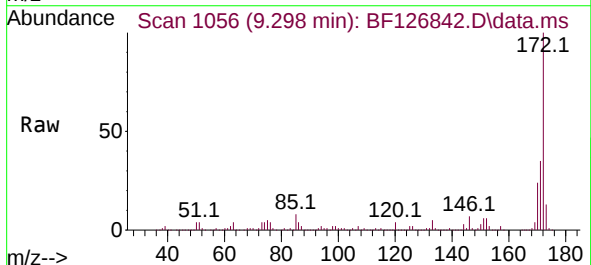
Instrument :
 BNA_F
 ClientSampleId :
 SP-5

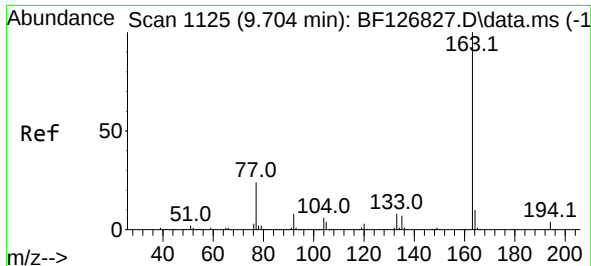
Tgt Ion:330 Resp: 354500
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.2 117.4
 141 35.5 31.2 46.8



#45
 2-Fluorobiphenyl
 Concen: 86.200 ng
 RT: 9.298 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: BF126842.D
 Acq: 10 Feb 2022 14:33

Tgt Ion:172 Resp: 1429421
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 23.6 18.7 28.1

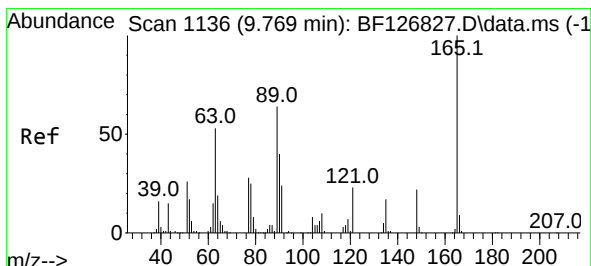
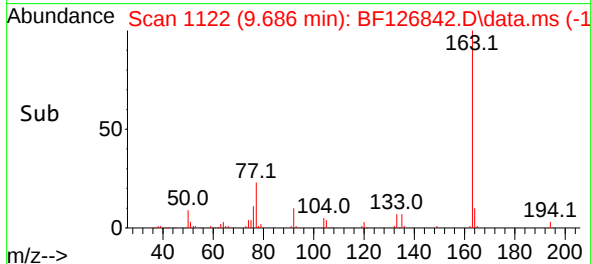
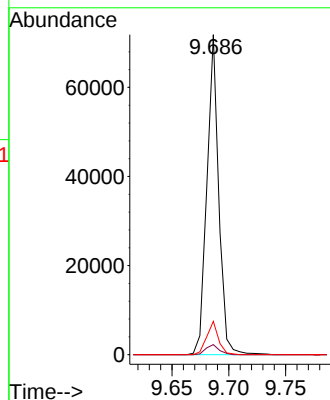
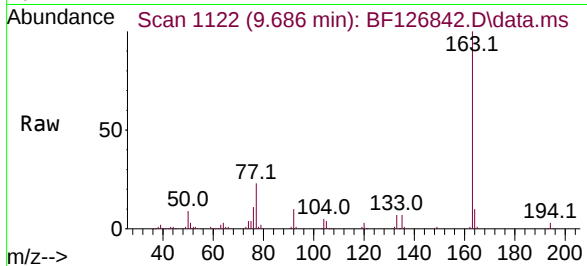




#50
Dimethylphthalate
Concen: 2.932 ng
RT: 9.686 min Scan# 1122
Delta R.T. -0.018 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

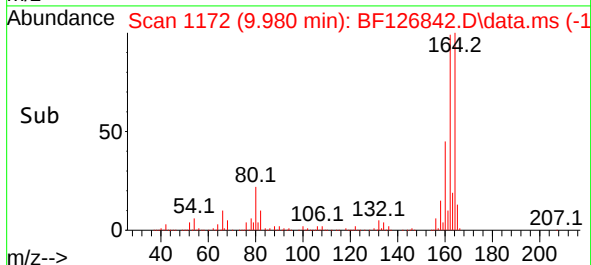
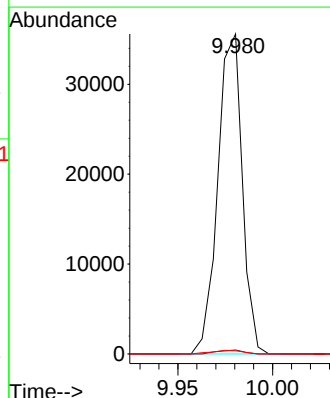
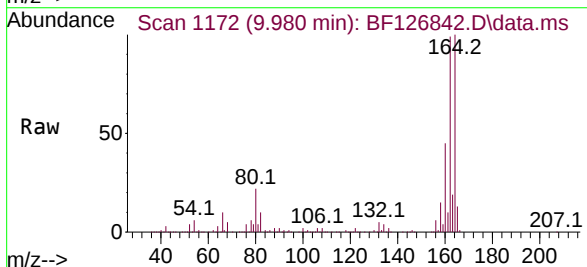
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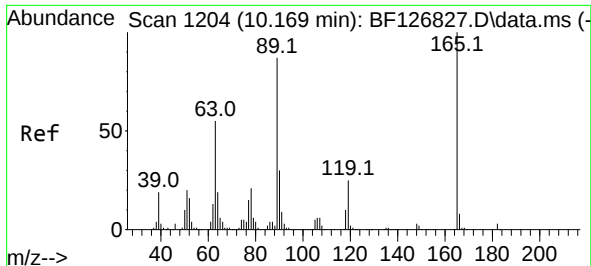
Tgt Ion:163 Resp: 51793
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.6
164 10.4 7.8 11.6



#51
2,6-Dinitrotoluene
Concen: 8.937 ng
RT: 9.980 min Scan# 1172
Delta R.T. 0.211 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

Tgt Ion:165 Resp: 31960
Ion Ratio Lower Upper
165 100
63 1.3 49.9 74.9#
89 1.0 51.0 76.4#

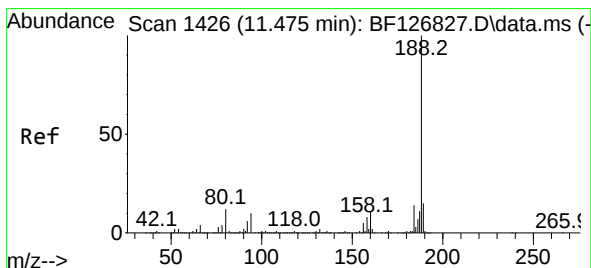
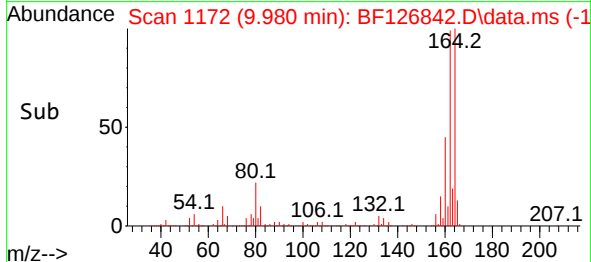
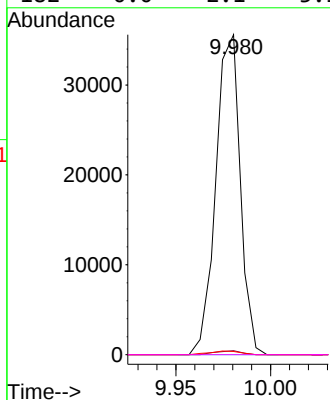
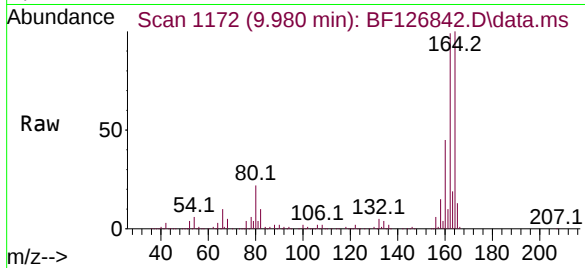




#57
2,4-Dinitrotoluene
Concen: 6.759 ng
RT: 9.980 min Scan# 1172
Delta R.T. -0.188 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

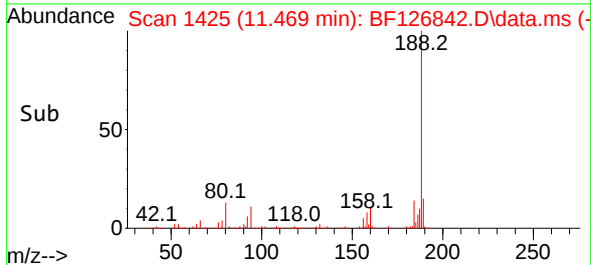
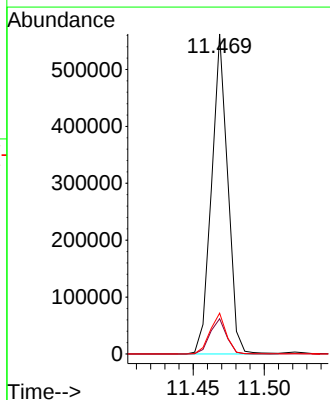
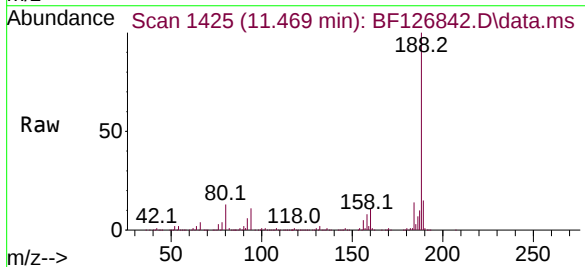
Instrument :
BNA_F
ClientSampleId :
SP-5

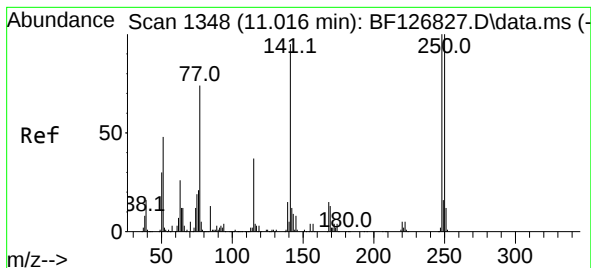
Tgt Ion:165 Resp: 31960
Ion Ratio Lower Upper
165 100
63 1.3 43.9 65.9#
89 1.0 69.8 104.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

Tgt Ion:188 Resp: 445729
Ion Ratio Lower Upper
188 100
94 11.0 8.1 12.1
80 12.8 9.5 14.3

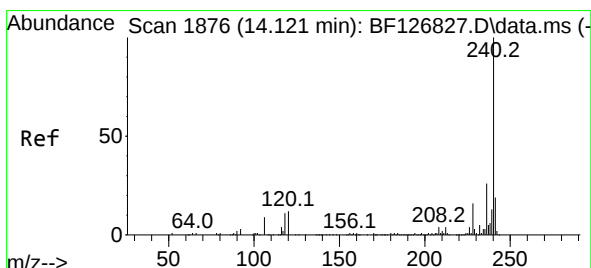
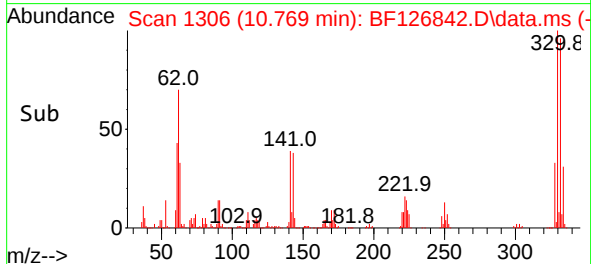
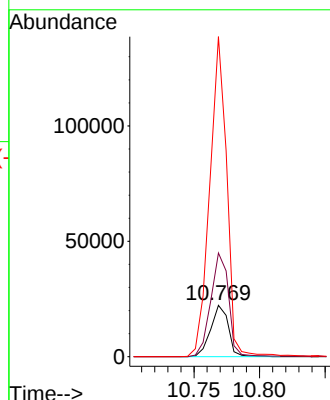
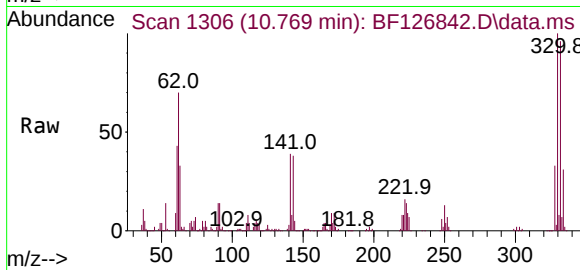




#67
4-Bromophenyl-phenylether
Concen: 4.316 ng
RT: 10.769 min Scan# 11
Delta R.T. -0.247 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

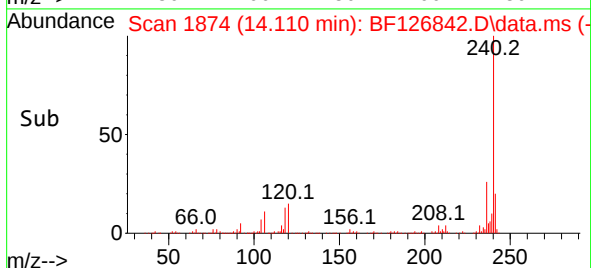
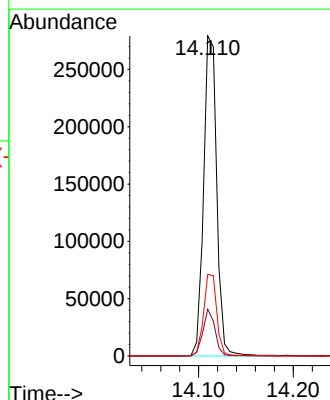
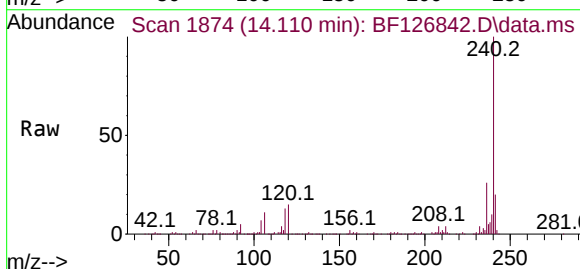
Instrument :
BNA_F
ClientSampleId :
SP-5

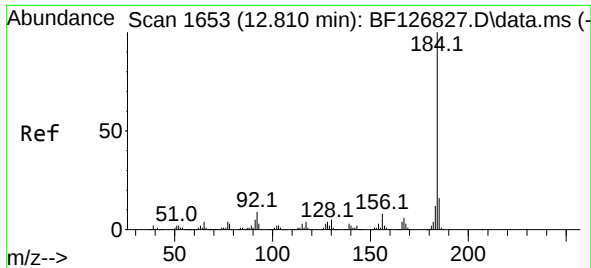
Tgt Ion:248 Resp: 20906
Ion Ratio Lower Upper
248 100
250 201.9 80.0 120.0#
141 622.9 75.6 113.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.012 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

Tgt Ion:240 Resp: 268912
Ion Ratio Lower Upper
240 100
120 14.6 9.8 14.6
236 25.5 20.5 30.7

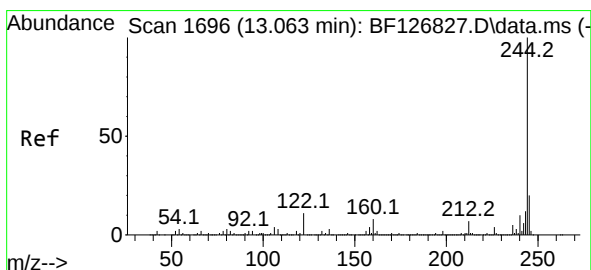
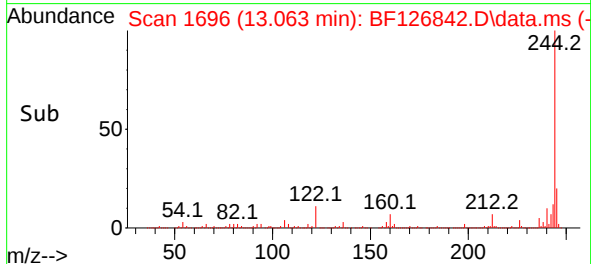
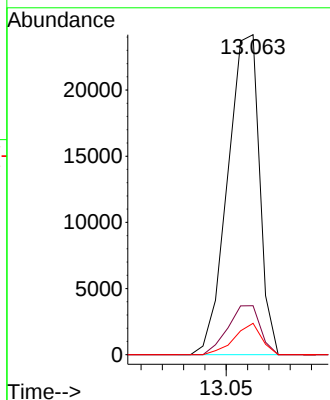
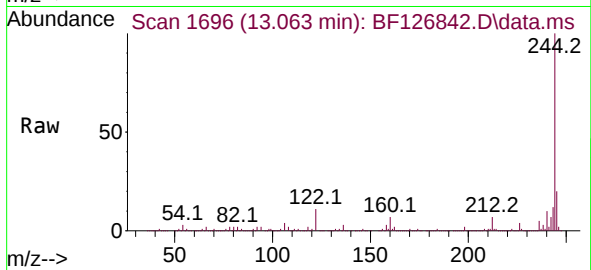




#77
Benzidine
Concen: 3.533 ng
RT: 13.063 min Scan# 1696
Delta R.T. 0.253 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

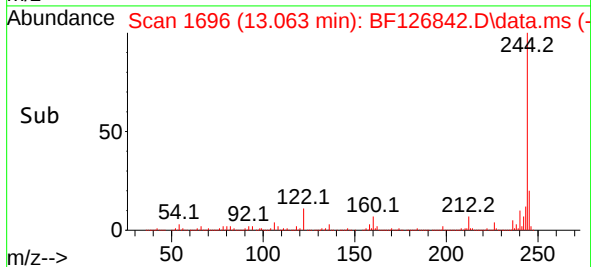
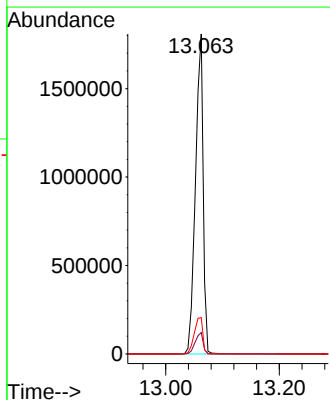
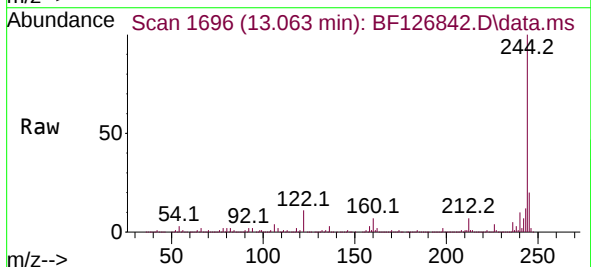
Instrument :
BNA_F
ClientSampleId :
SP-5

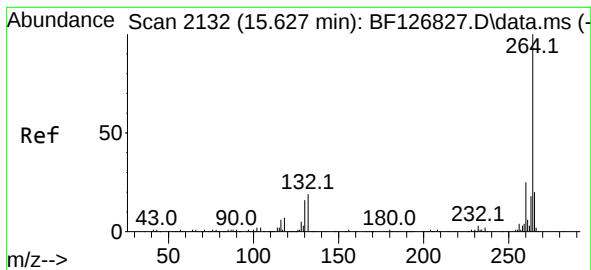
Tgt Ion:184 Resp: 24999
Ion Ratio Lower Upper
184 100
185 15.3 12.5 18.7
183 9.8 9.6 14.4



#79
Terphenyl-d14
Concen: 91.403 ng
RT: 13.063 min Scan# 1696
Delta R.T. -0.000 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

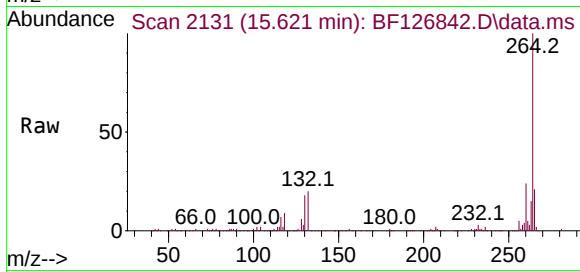
Tgt Ion:244 Resp: 1714558
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.3 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126842.D
Acq: 10 Feb 2022 14:33

Instrument :
BNA_F
ClientSampleId :
SP-5



Tgt Ion:264 Resp: 197938

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.3	15.9	23.9

