

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128048.D
 Acq On : 03 May 2022 16:20
 Operator : CG\JU
 Sample : N2663-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-25

Quant Time: May 04 04:26:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

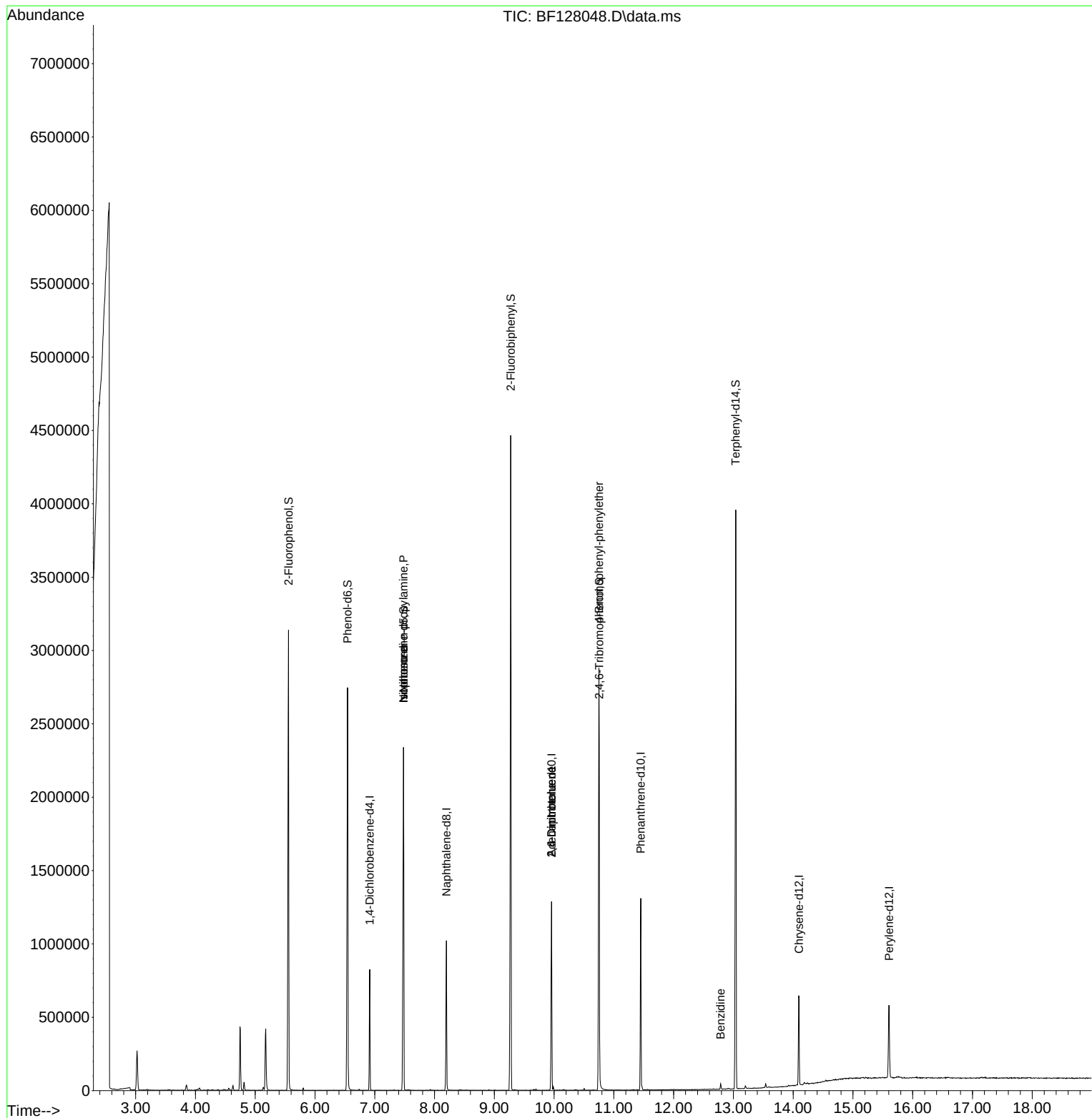
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	102744	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	418049	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	251816	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	454880	20.000	ng	0.00
76) Chrysene-d12	14.098	240	214791	20.000	ng	0.00
86) Perylene-d12	15.604	264	224148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	795866	123.379	ng	0.02
7) Phenol-d6	6.545	99	983764	117.533	ng	0.00
23) Nitrobenzene-d5	7.481	82	853635	96.021	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	375228	148.022	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1419911	95.392	ng	0.00
79) Terphenyl-d14	13.039	244	1386802	118.061	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.481	70	117346	22.903	ng	Qvalue
25) Isophorone	7.481	82	853630	57.051	ng	# 80
51) 2,6-Dinitrotoluene	9.957	165	32934	9.007	ng	# 68
57) 2,4-Dinitrotoluene	9.957	165	32934	6.800	ng	# 21
67) 4-Bromophenyl-phenylether	10.751	248	23537	4.668	ng	# 25
77) Benzidine	12.786	184	12799	3.149	ng	# 1

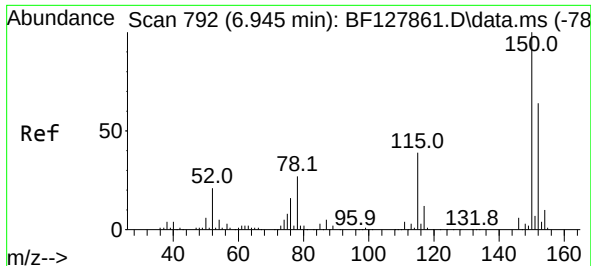
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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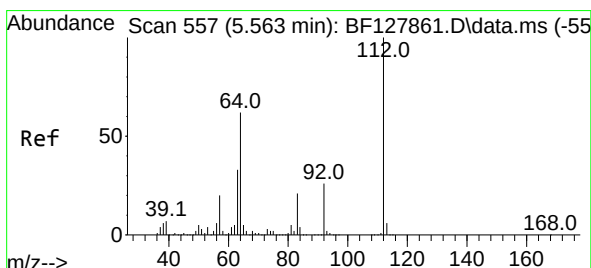
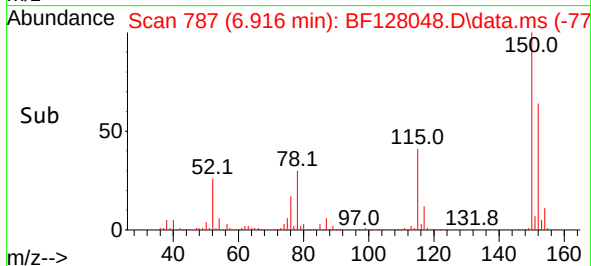
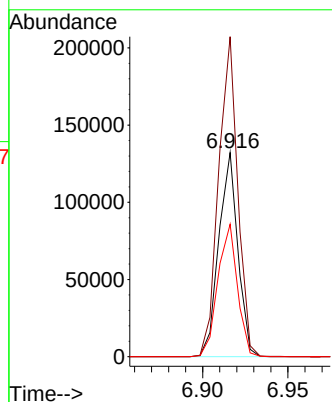
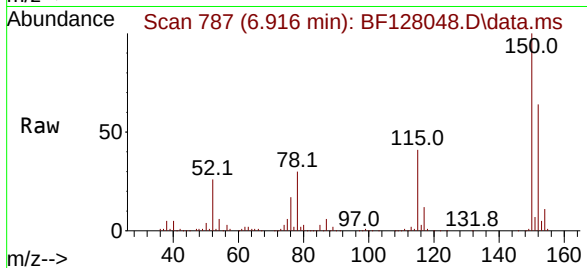




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128048.D
 Acq: 03 May 2022 16:20

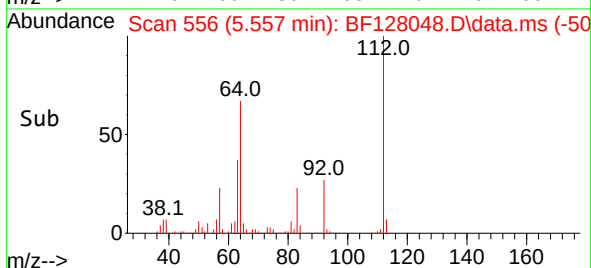
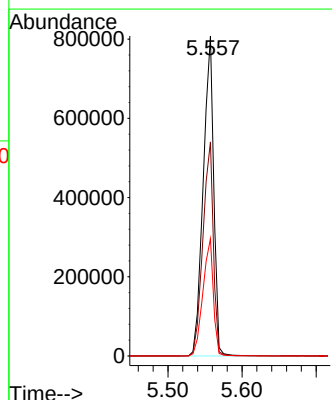
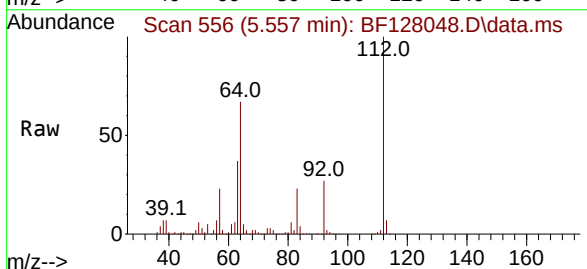
Instrument :
 BNA_F
 ClientSampleId :
 TP-25

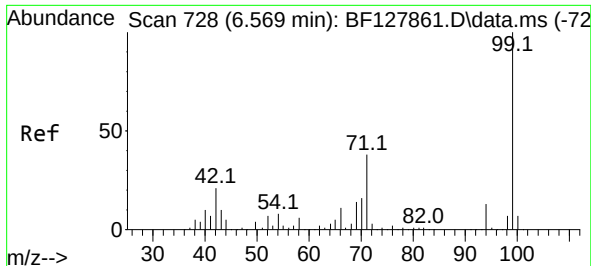
Tgt Ion:152 Resp: 102744
 Ion Ratio Lower Upper
 152 100
 150 156.7 125.3 187.9
 115 64.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 123.379 ng
 RT: 5.557 min Scan# 556
 Delta R.T. 0.018 min
 Lab File: BF128048.D
 Acq: 03 May 2022 16:20

Tgt Ion:112 Resp: 795866
 Ion Ratio Lower Upper
 112 100
 64 66.9 49.5 74.3
 63 36.6 26.3 39.5

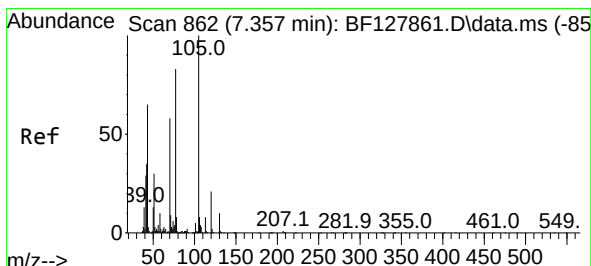
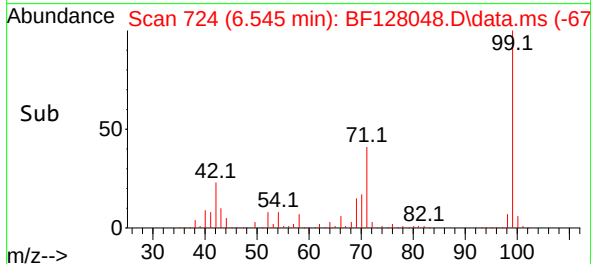
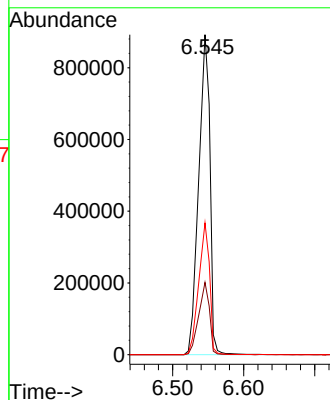
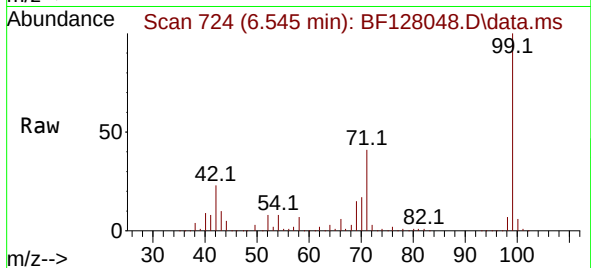




#7
Phenol-d6
Concen: 117.533 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

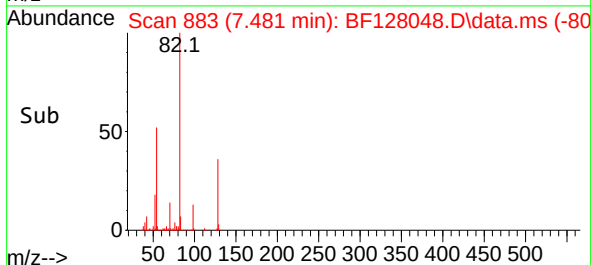
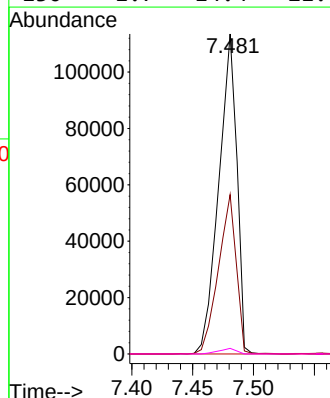
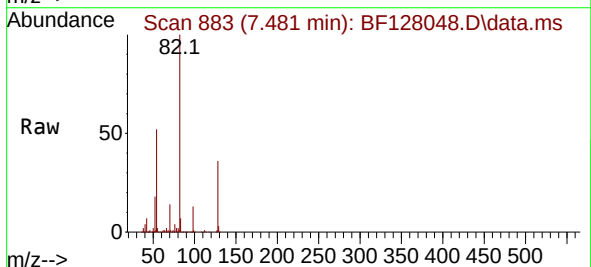
Instrument :
BNA_F
ClientSampleId :
TP-25

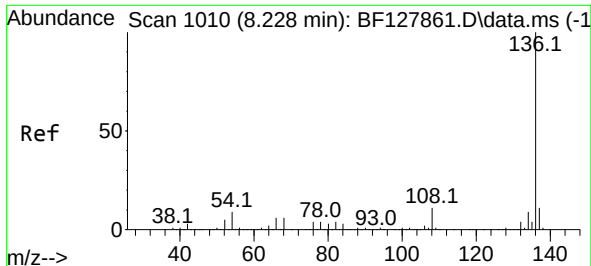
Tgt Ion: 99 Resp: 983764
Ion Ratio Lower Upper
99 100
42 22.6 16.6 24.8
71 41.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.903 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion: 70 Resp: 117346
Ion Ratio Lower Upper
70 100
42 49.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

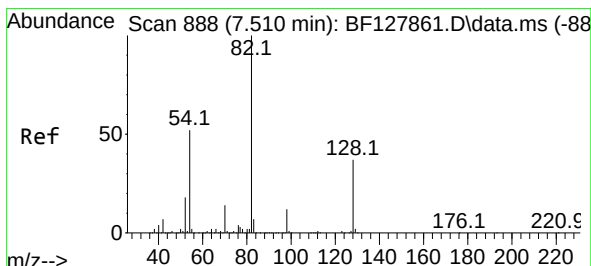
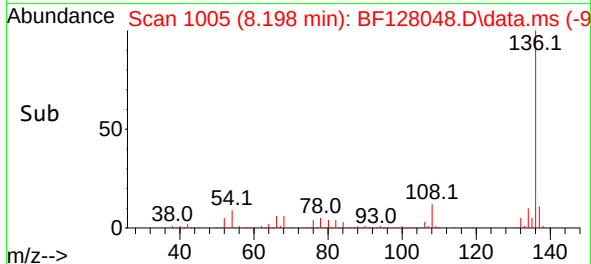
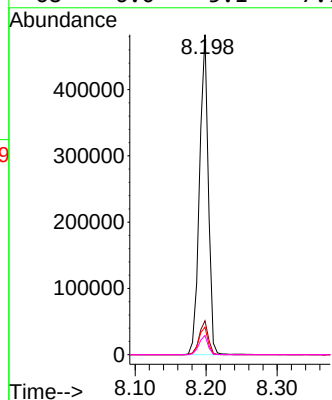
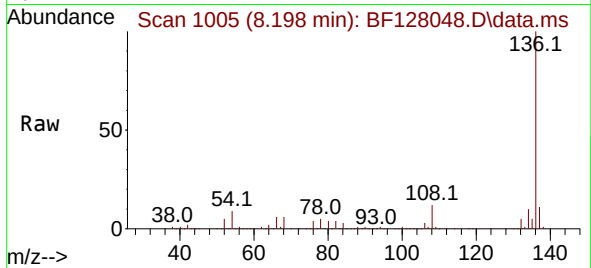




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

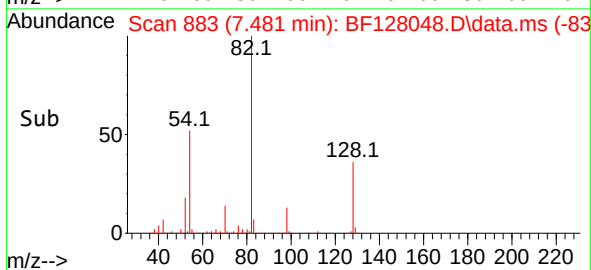
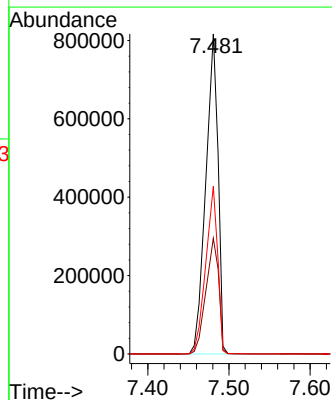
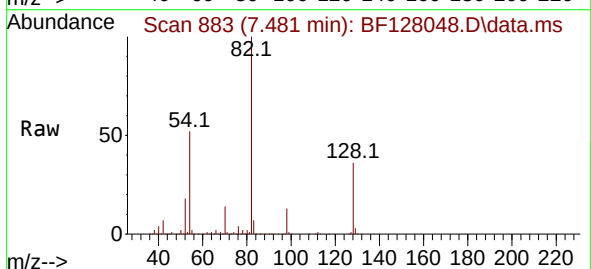
Instrument :
BNA_F
ClientSampleId :
TP-25

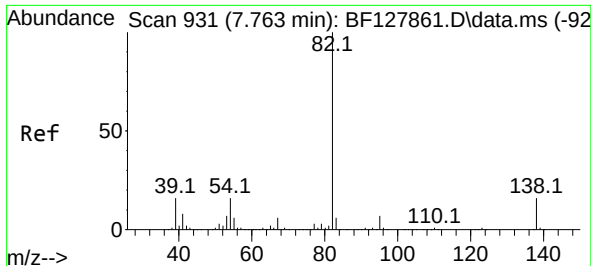
Tgt Ion:136	Resp: 418049
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 8.6	6.8 10.2
68 6.0	5.1 7.7



#23
Nitrobenzene-d5
Concen: 96.021 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion: 82	Resp: 853635
Ion Ratio	Lower Upper
82 100	
128 36.2	30.0 45.0
54 52.4	41.3 61.9

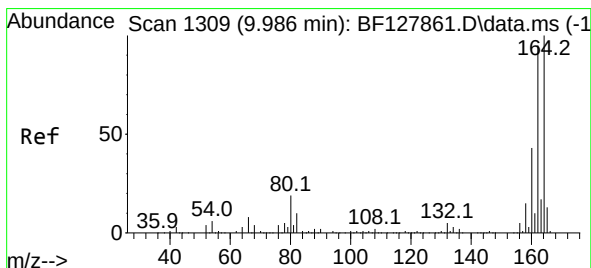
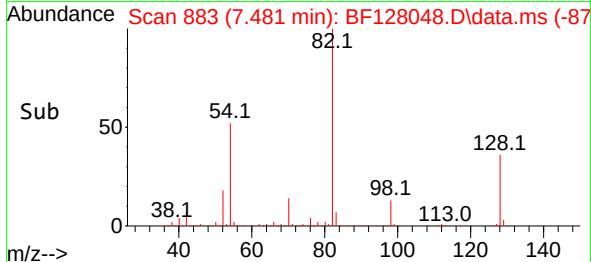
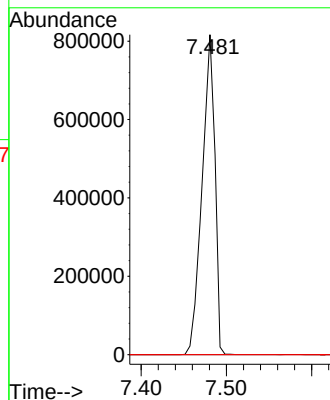
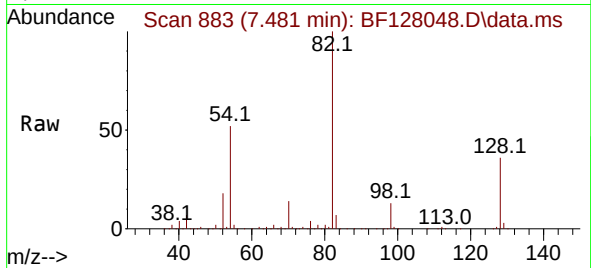




#25
Isophorone
Concen: 57.051 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

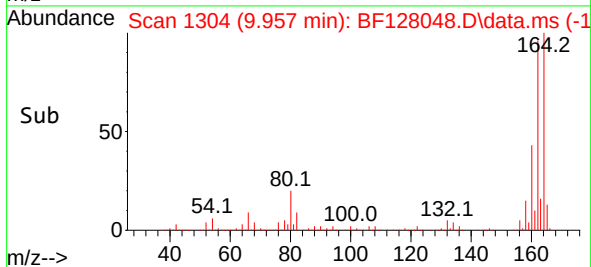
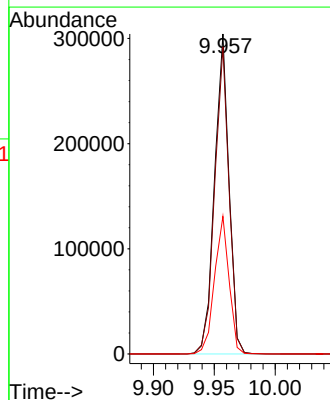
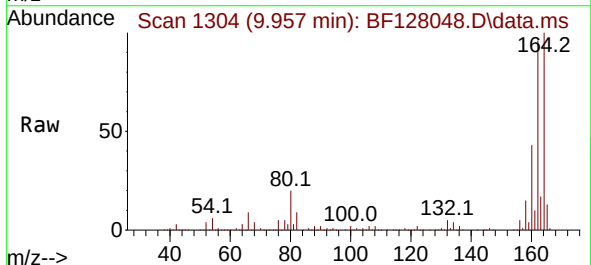
Instrument :
BNA_F
ClientSampleId :
TP-25

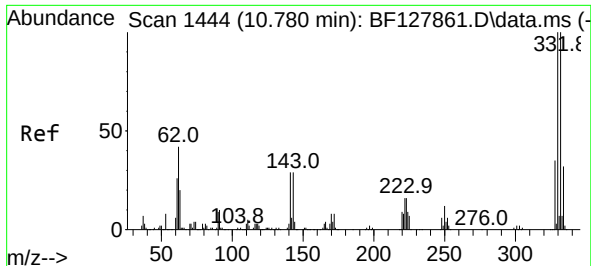
Tgt Ion: 82 Resp: 853630
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion: 164 Resp: 251816
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 43.0 34.8 52.2

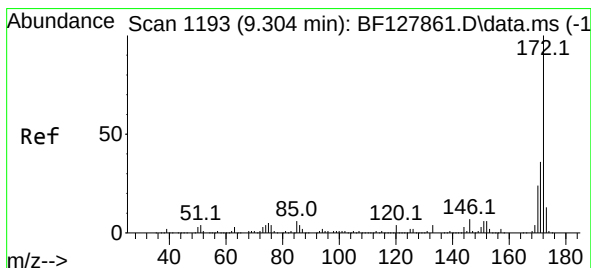
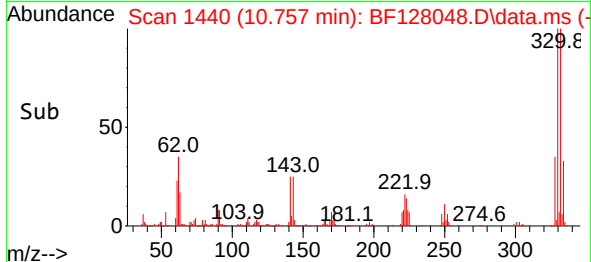
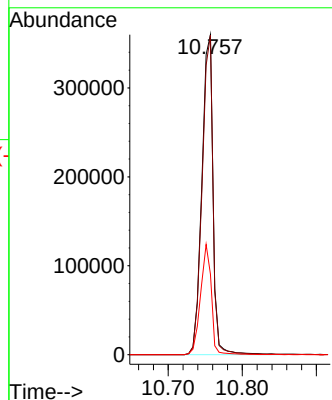
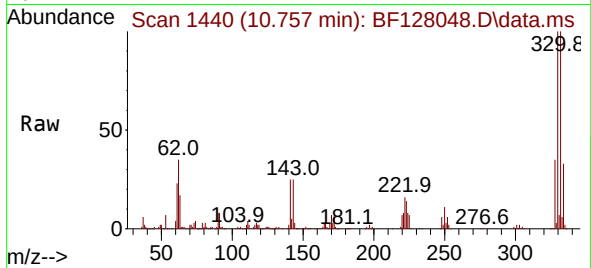




#42
2,4,6-Tribromophenol
Concen: 148.022 ng
RT: 10.757 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

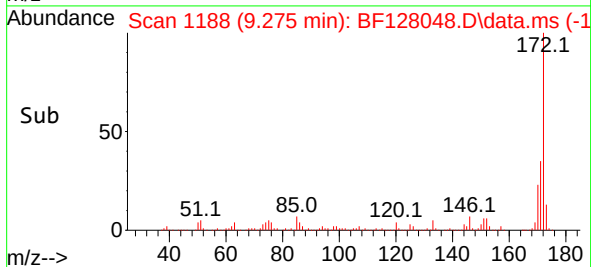
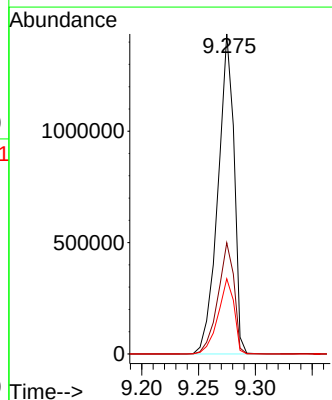
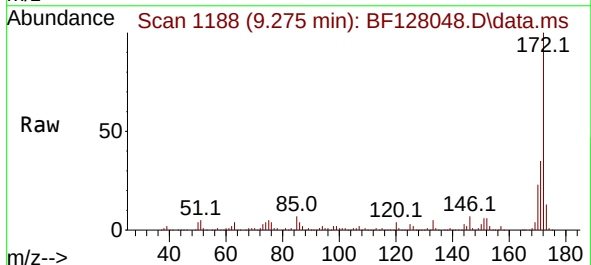
Instrument :
BNA_F
ClientSampleId :
TP-25

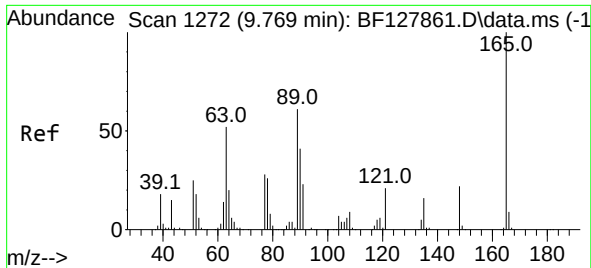
Tgt Ion:330 Resp: 375228
Ion Ratio Lower Upper
330 100
332 97.2 79.0 118.4
141 33.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 95.392 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion:172 Resp: 1419911
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.5 19.1 28.7

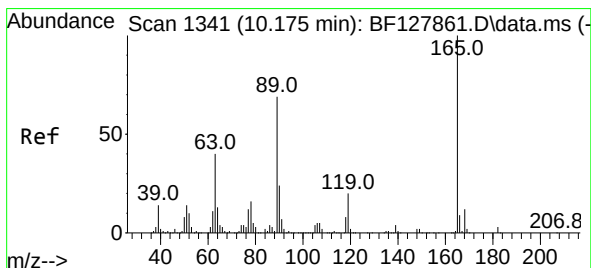
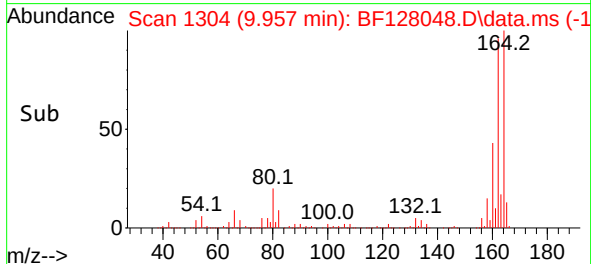
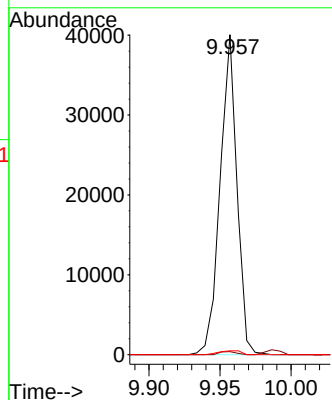
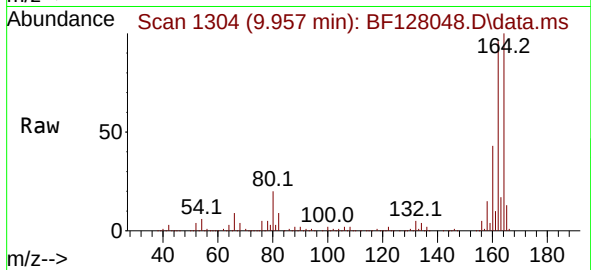




#51
2,6-Dinitrotoluene
Concen: 9.007 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

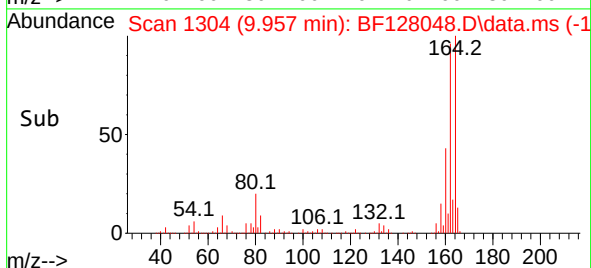
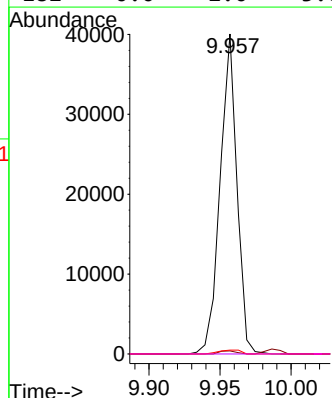
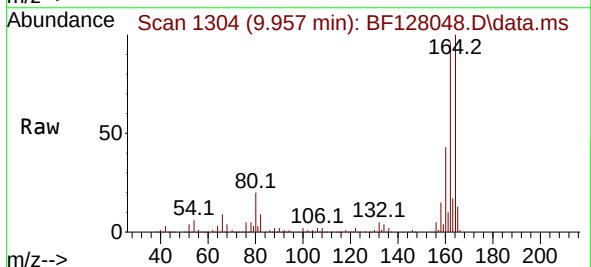
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TP-25

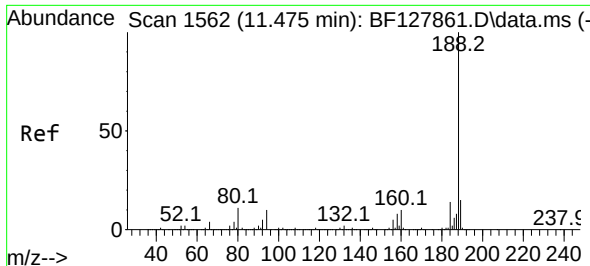
Tgt Ion:165 Resp: 32934
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.800 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion:165 Resp: 32934
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

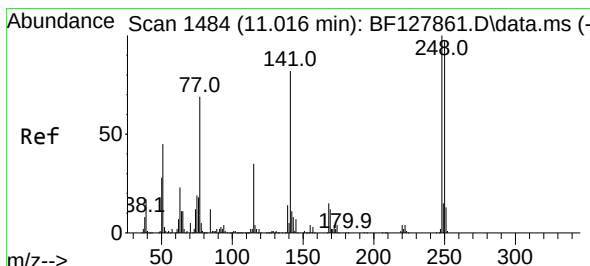
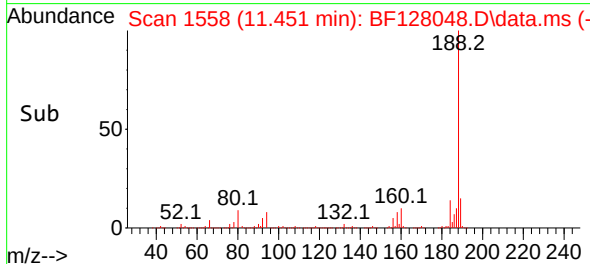
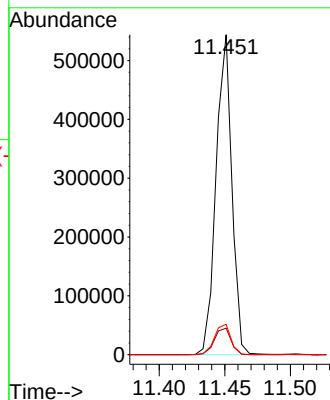
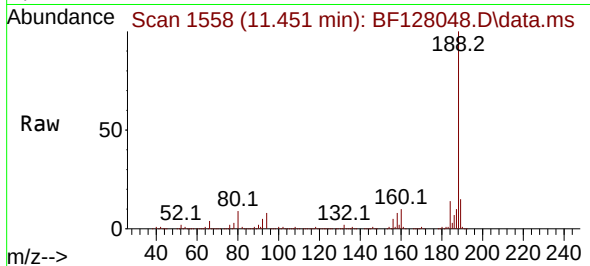




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

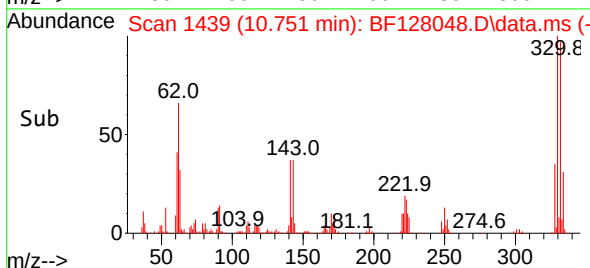
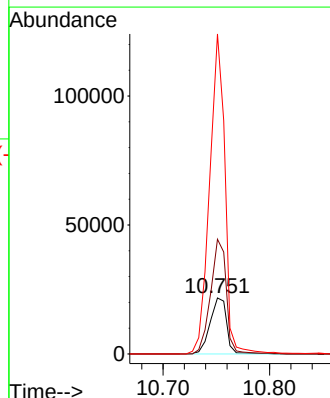
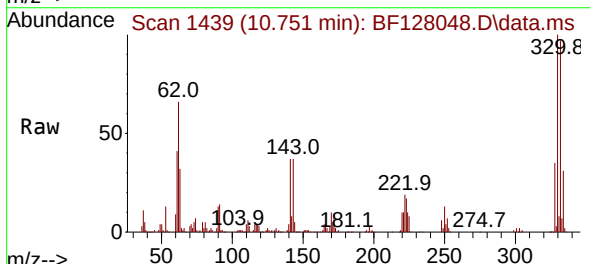
Instrument :
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TP-25

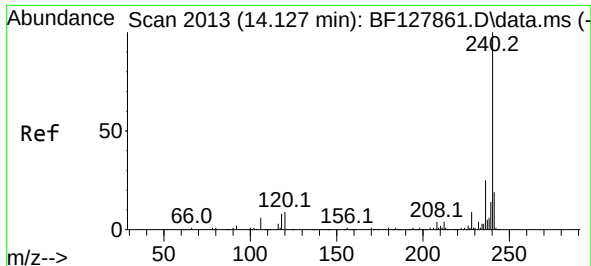
Tgt Ion:188 Resp: 454880
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.668 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.247 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion:248 Resp: 23537
Ion Ratio Lower Upper
248 100
250 204.6 77.7 116.5#
141 571.0 65.6 98.4#

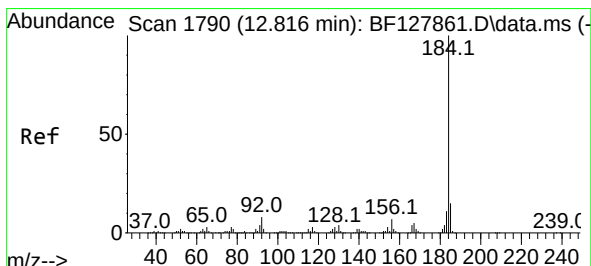
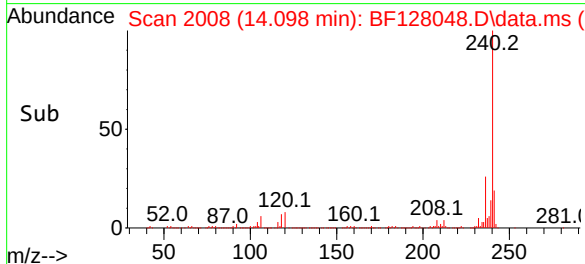
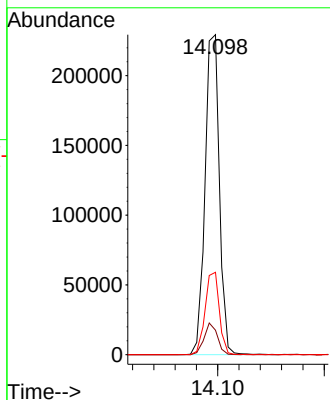
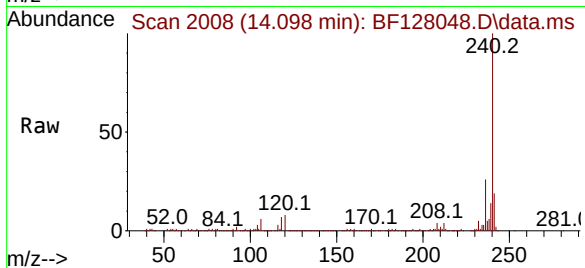




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

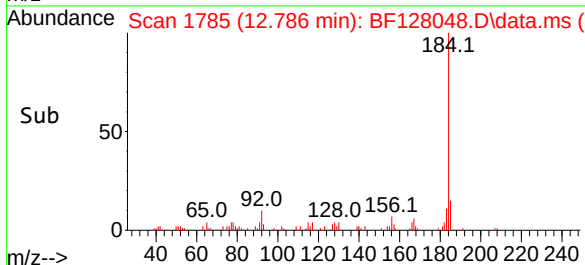
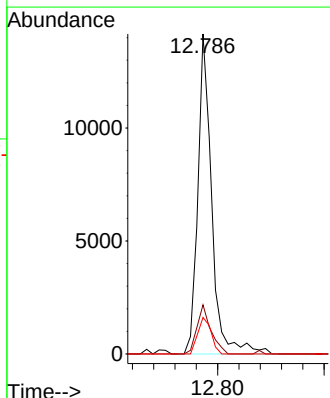
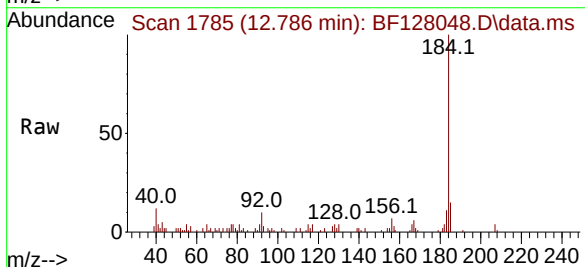
Instrument :
BNA_F
ClientSampleId :
TP-25

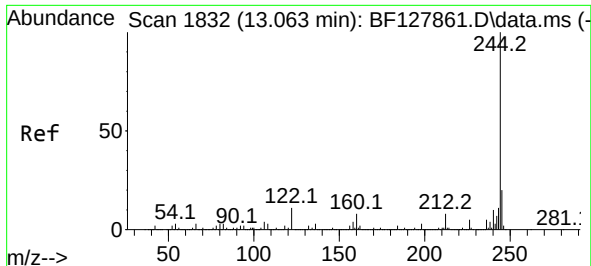
Tgt Ion:240 Resp: 214791
Ion Ratio Lower Upper
240 100
120 7.6 7.0 10.6
236 25.8 20.3 30.5



#77
Benzidine
Concen: 3.149 ng
RT: 12.786 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BF128048.D
Acq: 03 May 2022 16:20

Tgt Ion:184 Resp: 12799
Ion Ratio Lower Upper
184 100
185 15.4 12.1 18.1
183 11.4 9.0 13.4

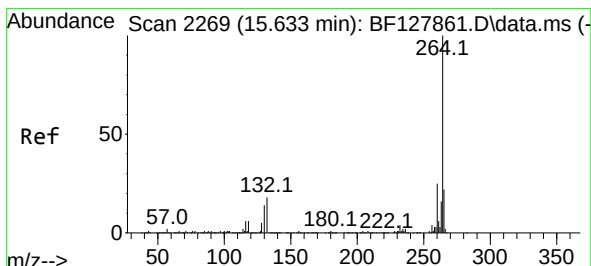
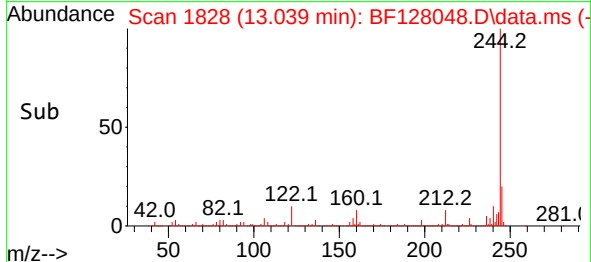
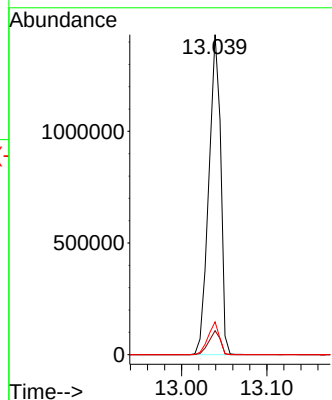
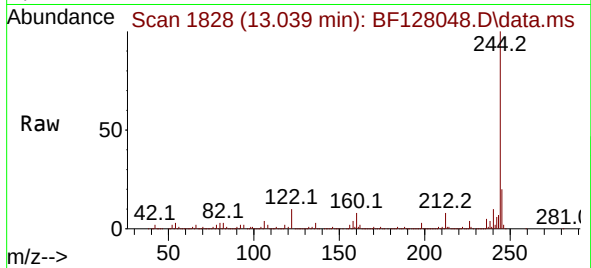




#79
 Terphenyl-d14
 Concen: 118.061 ng
 RT: 13.039 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF128048.D
 Acq: 03 May 2022 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-25

Tgt Ion:244 Resp: 1386802
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2264
 Delta R.T. -0.006 min
 Lab File: BF128048.D
 Acq: 03 May 2022 16:20

Tgt Ion:264 Resp: 224148
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.6 17.5 26.3

