

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128332.D
 Acq On : 19 May 2022 13:02
 Operator : CG\JU
 Sample : PB144874TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144874TB

Quant Time: May 19 16:50:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

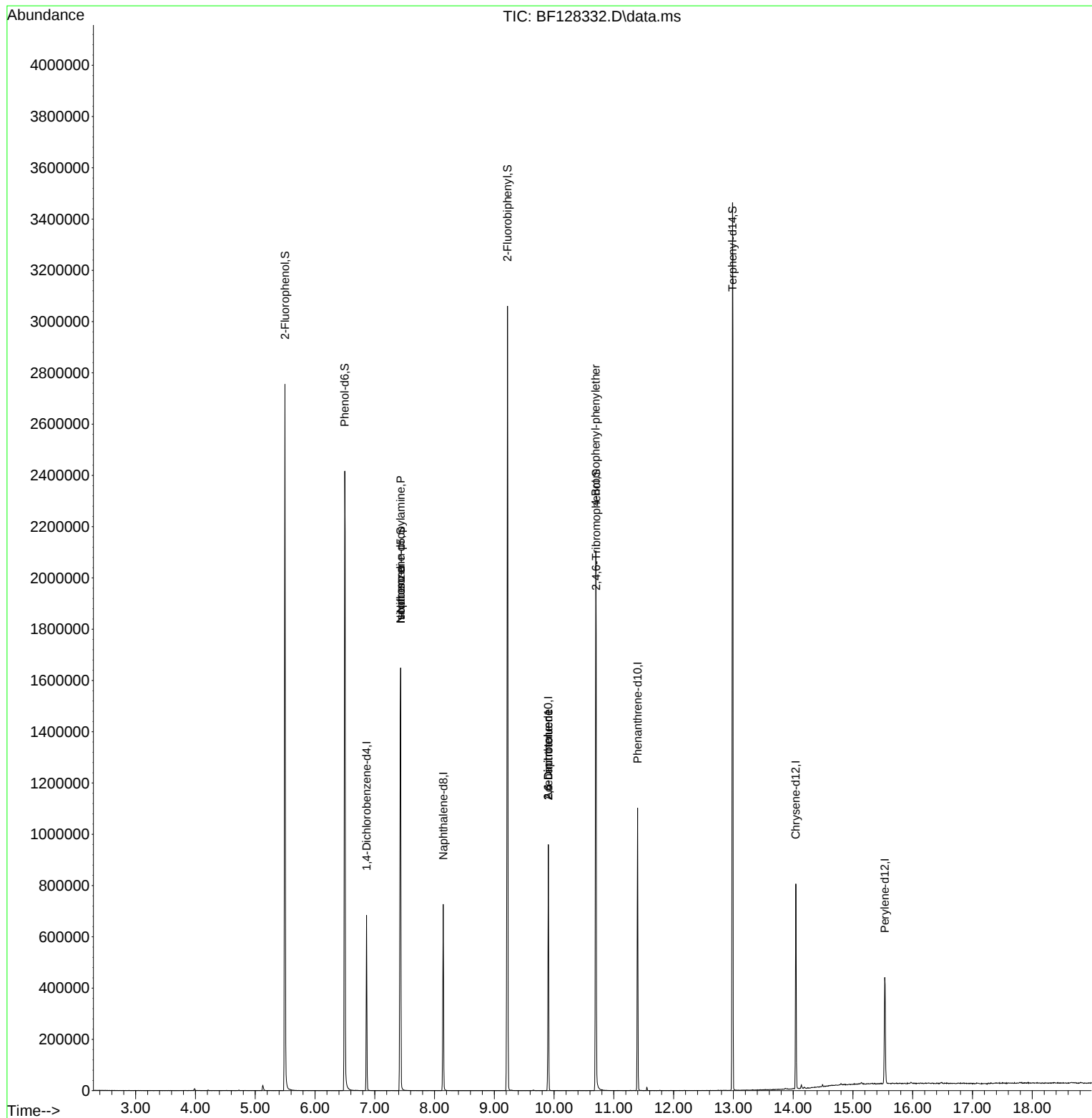
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87163	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	318568	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	192241	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	369638	20.000	ng	0.00
76) Chrysene-d12	14.045	240	263722	20.000	ng	-0.01
86) Perylene-d12	15.533	264	194175	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	671938	122.892	ng	0.00
7) Phenol-d6	6.498	99	884593	122.318	ng	-0.01
23) Nitrobenzene-d5	7.434	82	612210	86.473	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	257515	116.799	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1031066	83.921	ng	-0.01
79) Terphenyl-d14	12.986	244	1257473	89.471	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.498	77	1505	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	84651	19.007	ng	# 79
25) Isophorone	7.434	82	612202	55.156	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	24646	9.057	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	24646	6.773	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	15732	3.956	ng	# 1

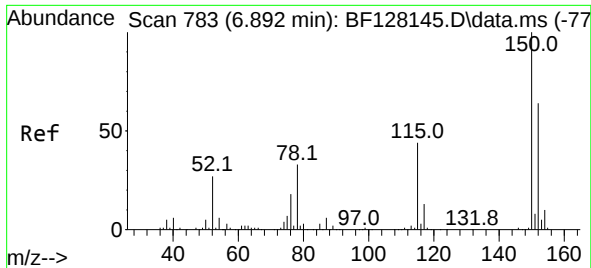
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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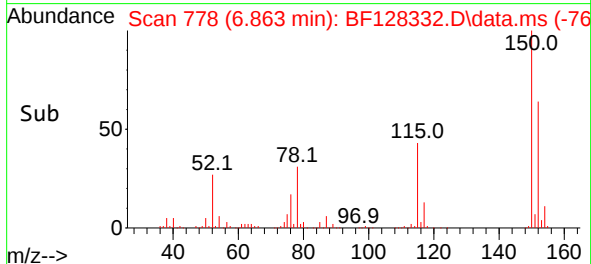
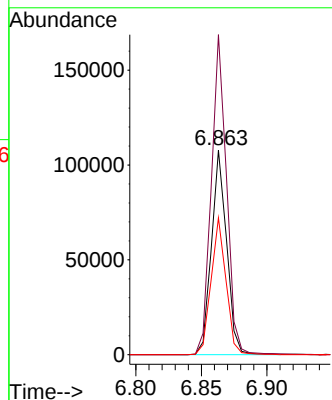
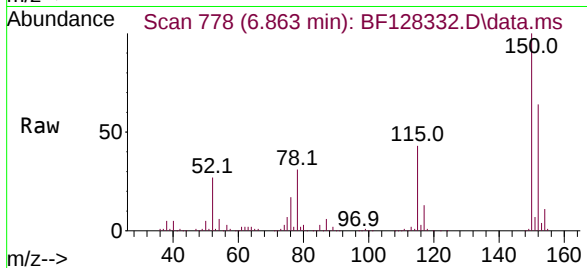




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128332.D
 Acq: 19 May 2022 13:02

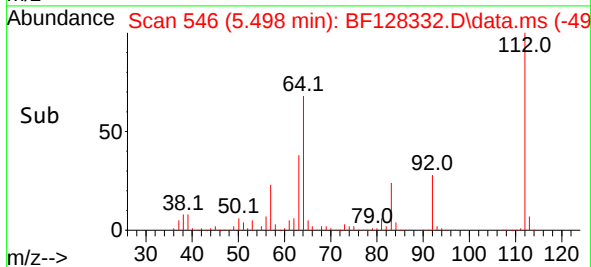
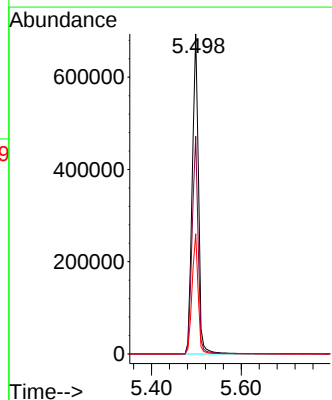
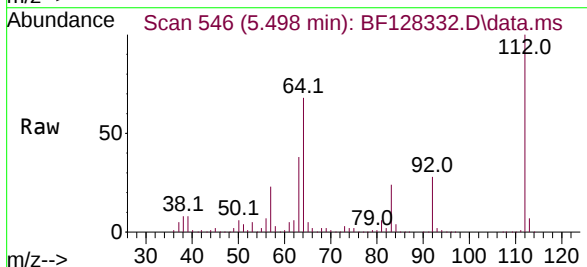
Instrument :
 BNA_F
 ClientSampleId :
 PB144874TB

Tgt Ion:152 Resp: 87163
 Ion Ratio Lower Upper
 152 100
 150 156.4 125.3 187.9
 115 66.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 122.892 ng
 RT: 5.498 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF128332.D
 Acq: 19 May 2022 13:02

Tgt Ion:112 Resp: 671938
 Ion Ratio Lower Upper
 112 100
 64 68.0 49.5 74.3
 63 37.5 26.3 39.5

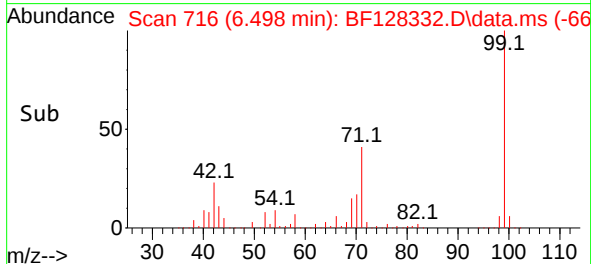
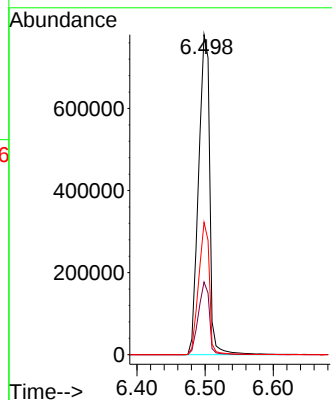
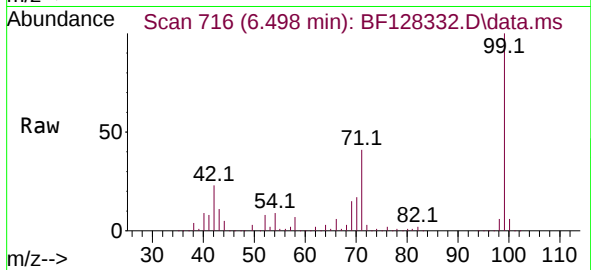




#7
Phenol-d6
Concen: 122.318 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

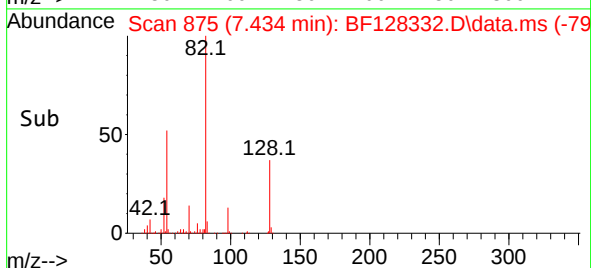
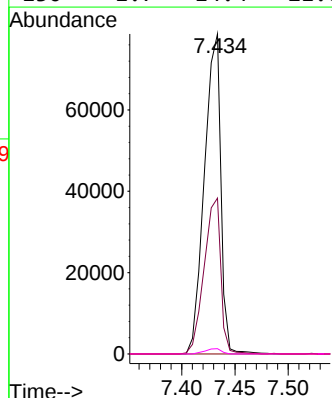
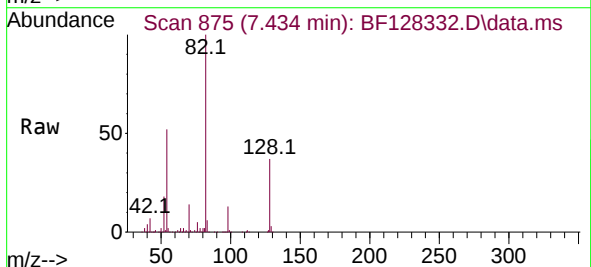
Instrument :
BNA_F
ClientSampleId :
PB144874TB

Tgt Ion: 99 Resp: 884593
Ion Ratio Lower Upper
99 100
42 22.7 16.6 24.8
71 41.3 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.007 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

Tgt Ion: 70 Resp: 84651
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



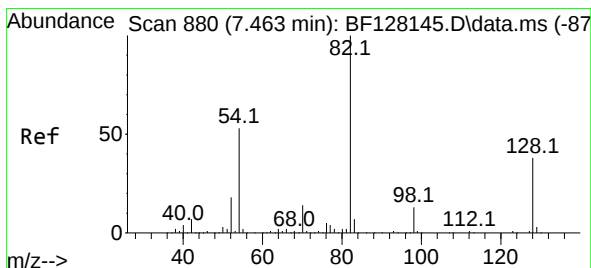
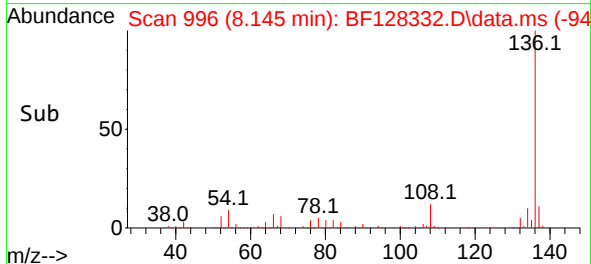
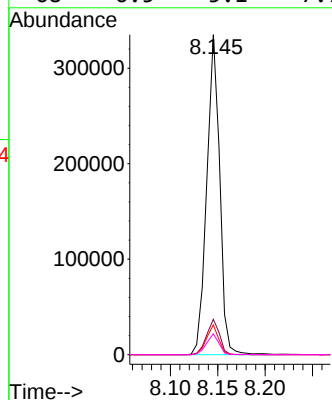
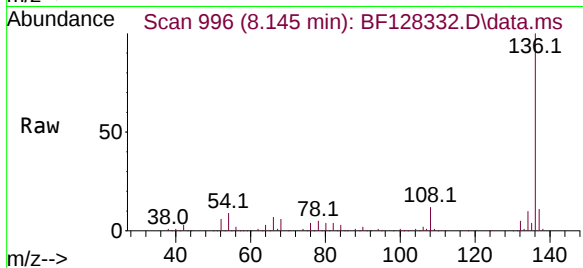


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

Instrument :
BNA_F
ClientSampleId :
PB144874TB

Tgt Ion:136 Resp: 318568

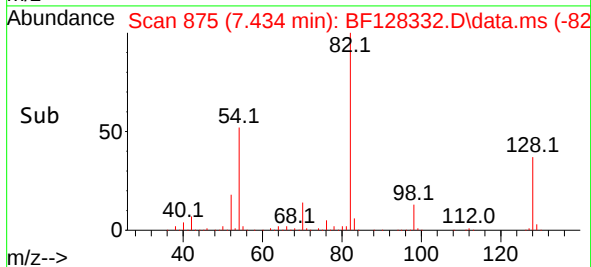
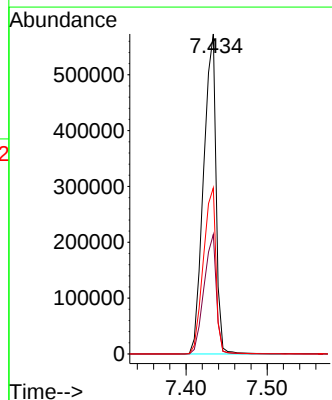
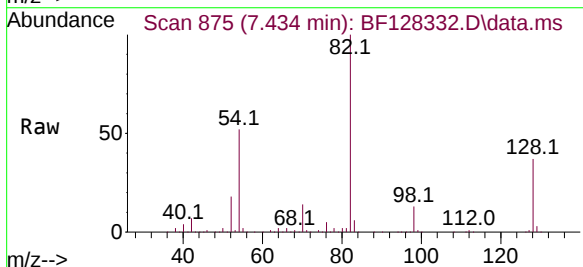
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.3	6.8	10.2
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 86.473 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

Tgt Ion: 82 Resp: 612210

Ion	Ratio	Lower	Upper
82	100		
128	37.4	30.0	45.0
54	51.9	41.3	61.9

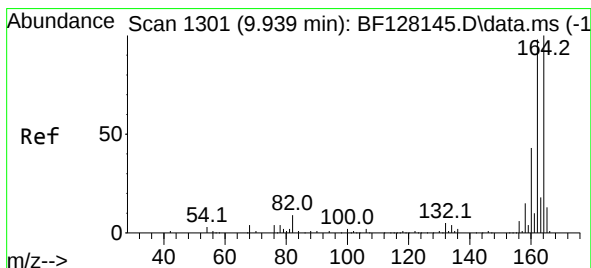
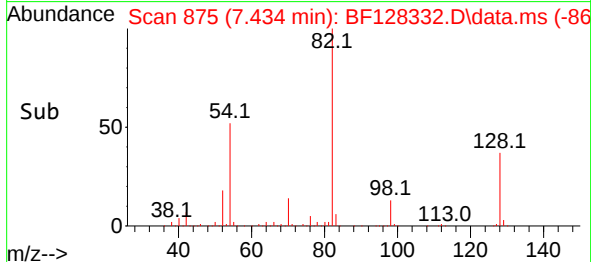
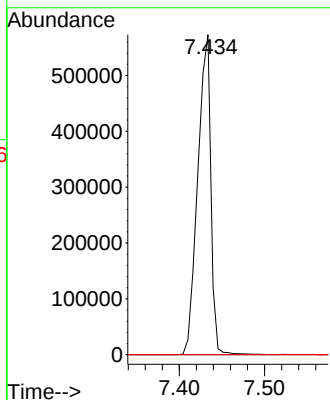
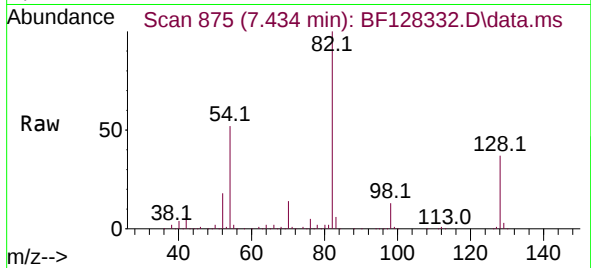




#25
Isophorone
Concen: 55.156 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

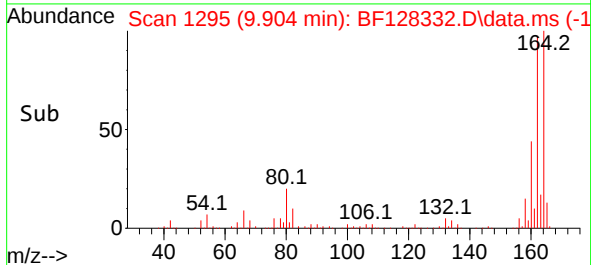
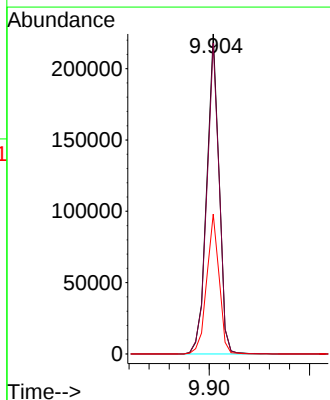
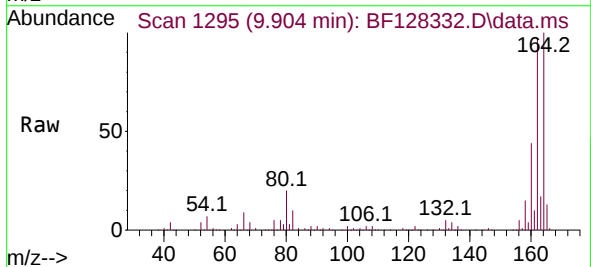
Instrument :
BNA_F
ClientSampleId :
PB144874TB

Tgt Ion: 82 Resp: 612202
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: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

Tgt Ion: 164 Resp: 192241
Ion Ratio Lower Upper
164 100
162 97.2 76.0 114.0
160 43.7 34.8 52.2

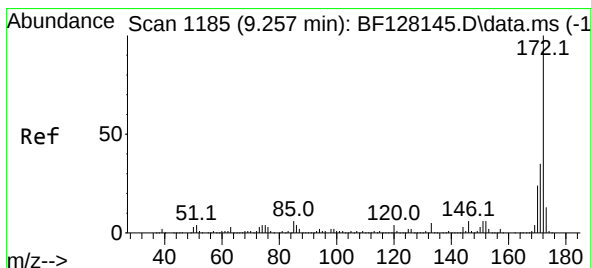
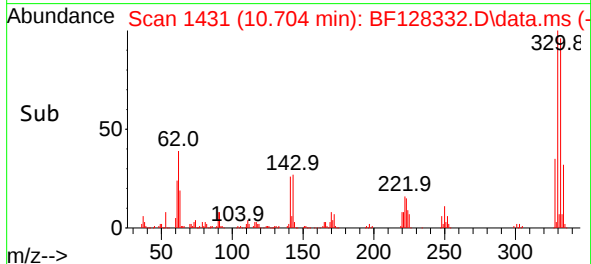
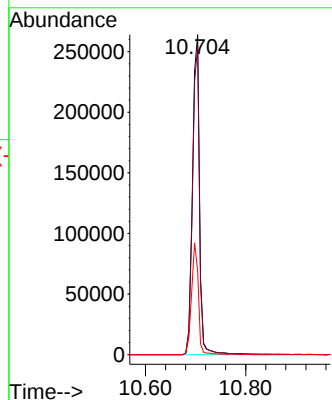
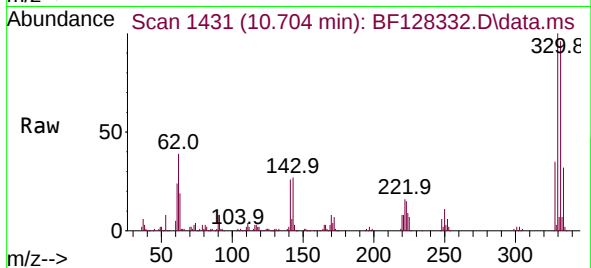




#42
2,4,6-Tribromophenol
Concen: 116.799 ng
RT: 10.704 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

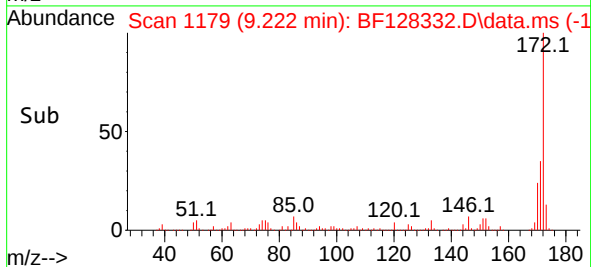
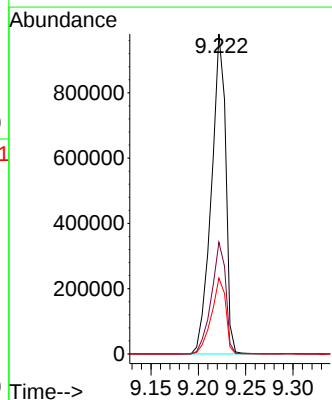
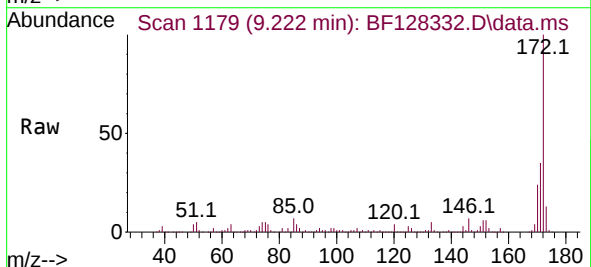
Instrument :
BNA_F
ClientSampleId :
PB144874TB

Tgt Ion: 330 Resp: 257515
Ion Ratio Lower Upper
330 100
332 95.5 79.0 118.4
141 33.8 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 83.921 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

Tgt Ion: 172 Resp: 1031066
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.7 19.1 28.7

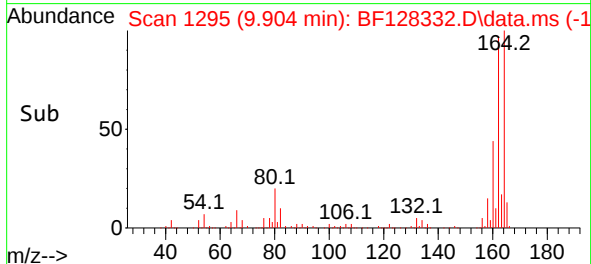
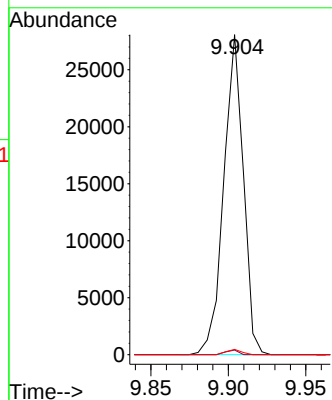
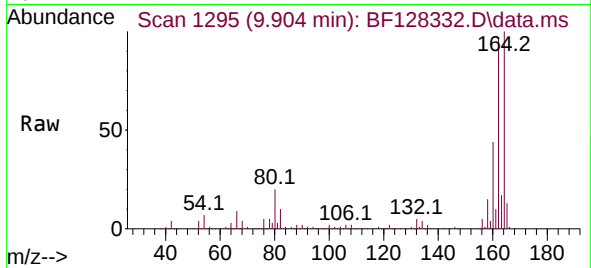




#51
2,6-Dinitrotoluene
Concen: 9.057 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

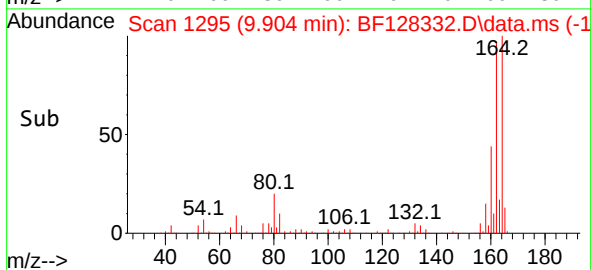
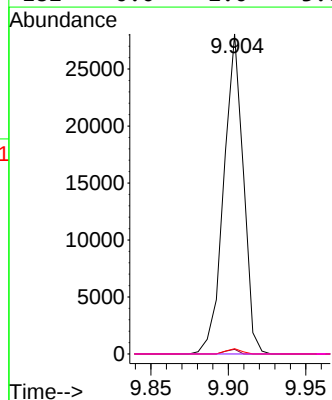
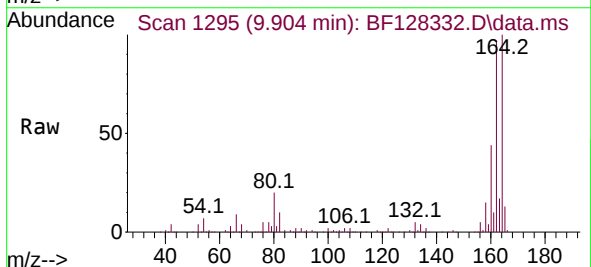
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ClientSampleId :
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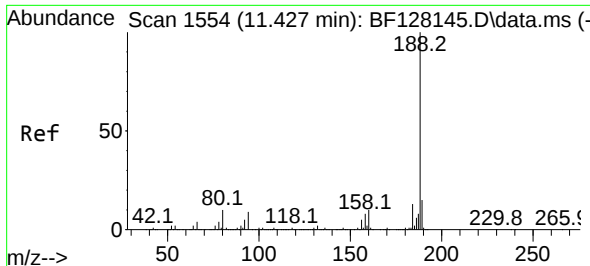
Tgt Ion:165 Resp: 24646
Ion Ratio Lower Upper
165 100
63 1.5 49.5 74.3#
89 1.7 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.773 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.212 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

Tgt Ion:165 Resp: 24646
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.7 55.2 82.8#
182 0.0 2.0 3.0#

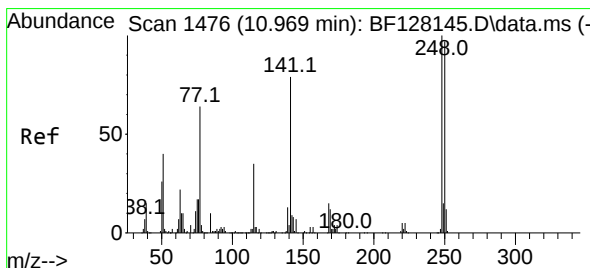
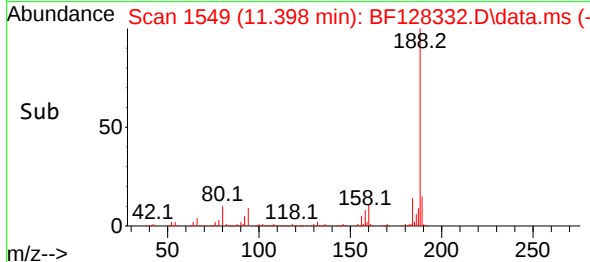
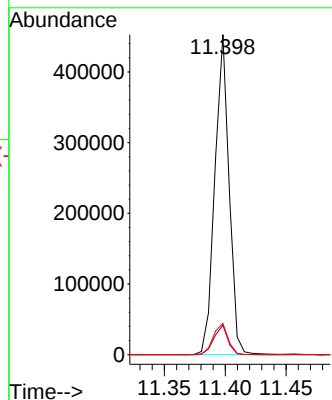
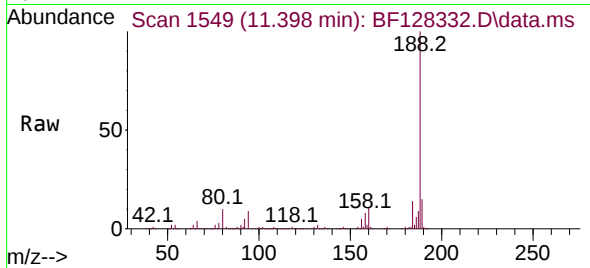




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

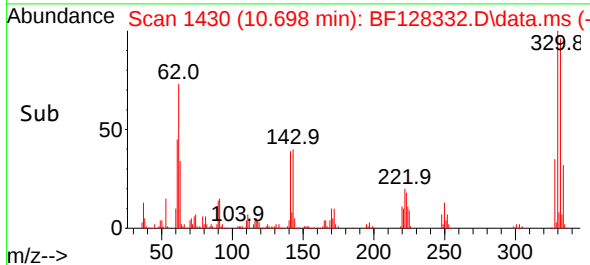
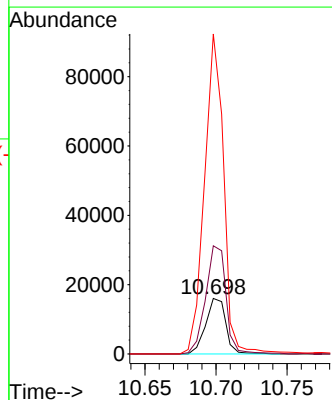
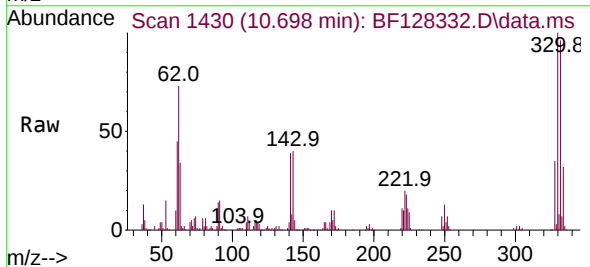
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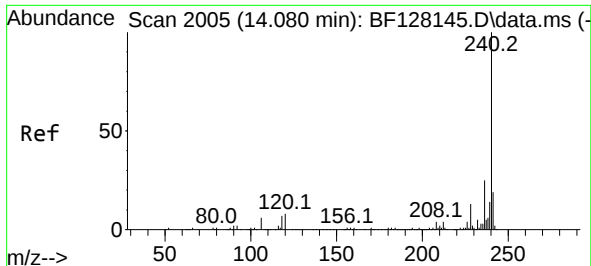
Tgt Ion:188 Resp: 369638
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 9.7 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.956 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

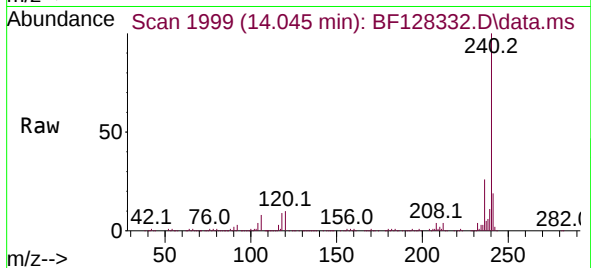
Tgt Ion:248 Resp: 15732
Ion Ratio Lower Upper
248 100
250 195.0 77.7 116.5#
141 576.9 65.6 98.4#



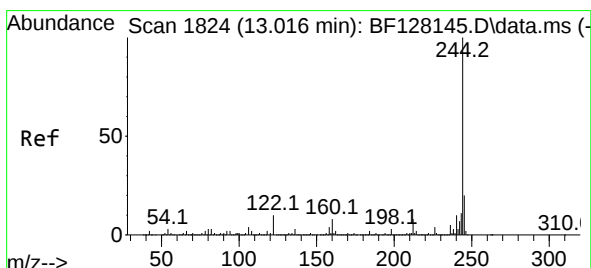
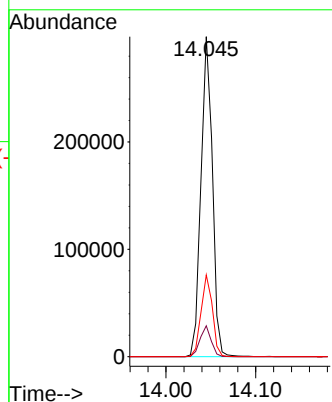
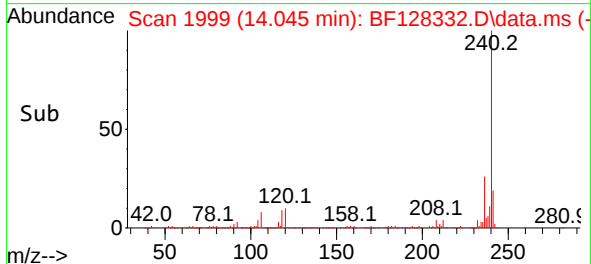


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02

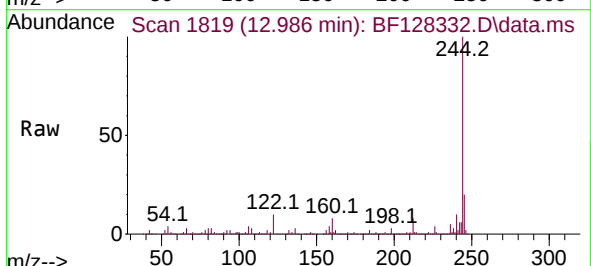
Instrument :
BNA_F
ClientSampleId :
PB144874TB



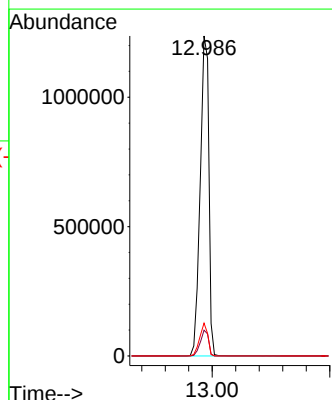
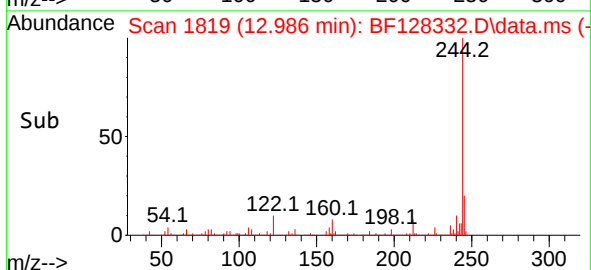
Tgt Ion:240 Resp: 263722
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 25.6 20.3 30.5

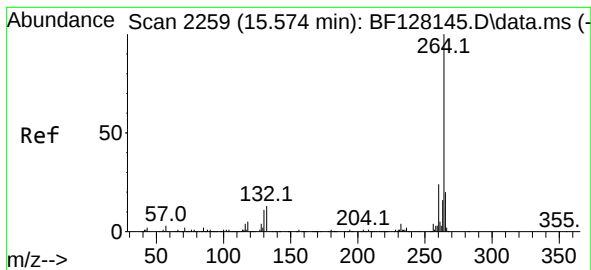


#79
Terphenyl-d14
Concen: 89.471 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF128332.D
Acq: 19 May 2022 13:02



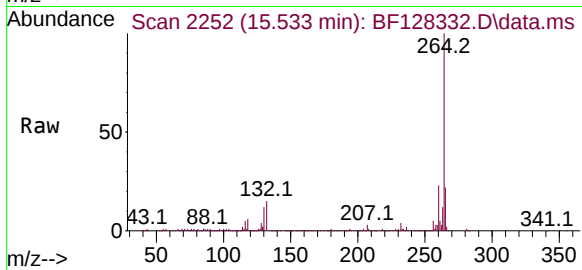
Tgt Ion:244 Resp: 1257473
Ion Ratio Lower Upper
244 100
212 8.0 6.2 9.4
122 10.3 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF128332.D
 Acq: 19 May 2022 13:02

Instrument :
 BNA_F
 ClientSampleId :
 PB144874TB



Tgt Ion:264 Resp: 194175
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 22.0 17.5 26.3

