

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128088.D
 Acq On : 05 May 2022 11:34
 Operator : CG\JU
 Sample : N2665-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-8,16

Quant Time: May 05 17:58:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

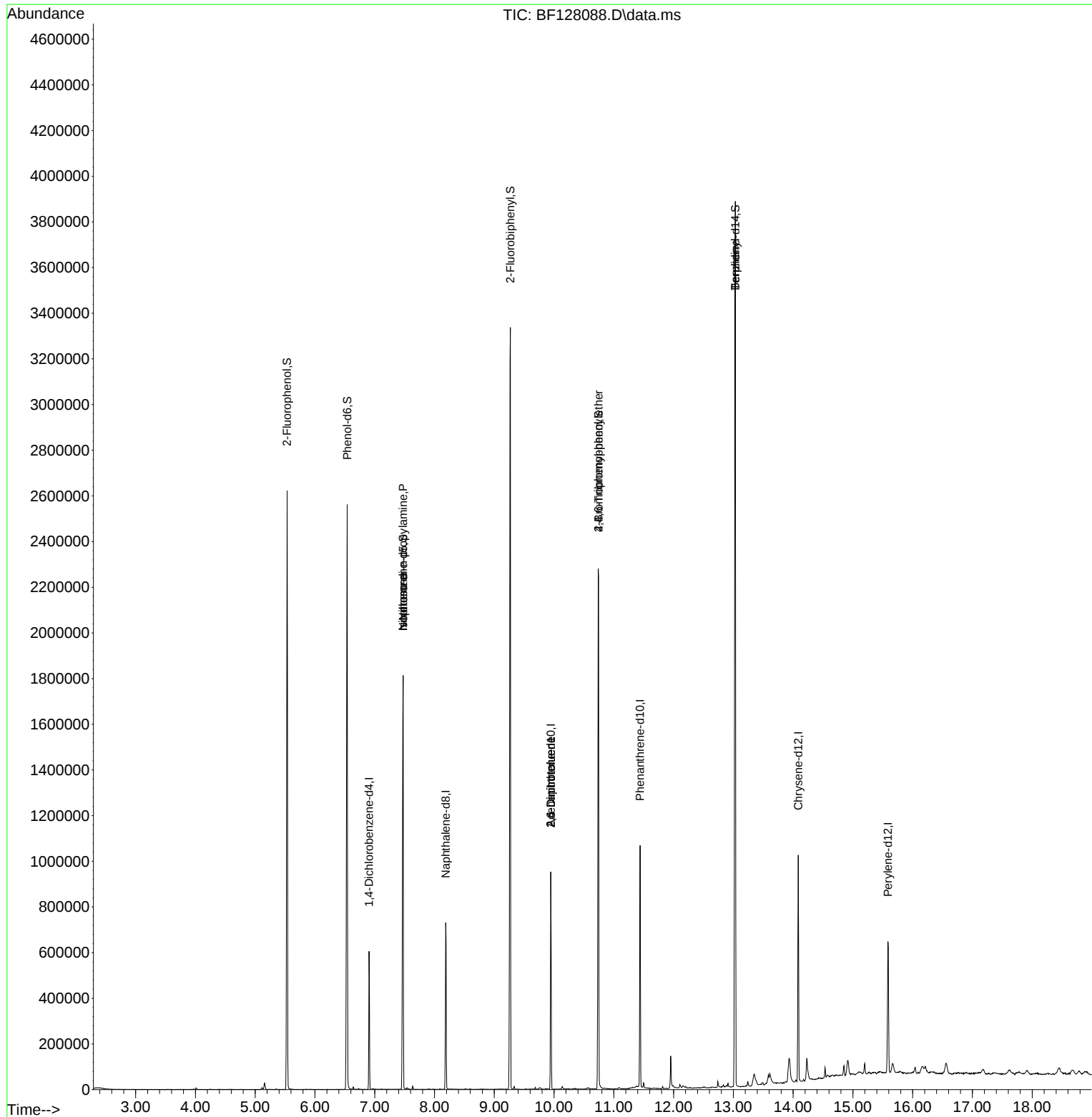
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	78683	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	309593	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	183072	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	358556	20.000	ng	0.00
76) Chrysene-d12	14.086	240	316798	20.000	ng	0.00
86) Perylene-d12	15.586	264	264491	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	680981	137.851	ng	0.00
7) Phenol-d6	6.540	99	896631	139.881	ng	0.00
23) Nitrobenzene-d5	7.475	82	651751	98.995	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	301318	163.499	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1104945	102.106	ng	0.00
79) Terphenyl-d14	13.033	244	1507743	87.027	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.475	70	89816	22.890	ng	# 78
25) Isophorone	7.475	82	651741	58.817	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	23850	8.972	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	23850	6.773	ng	# 26
67) 4-Bromophenyl-phenylether	10.745	248	18440	4.639	ng	# 1
77) Benzidine	13.033	184	22193	3.702	ng	# 93

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

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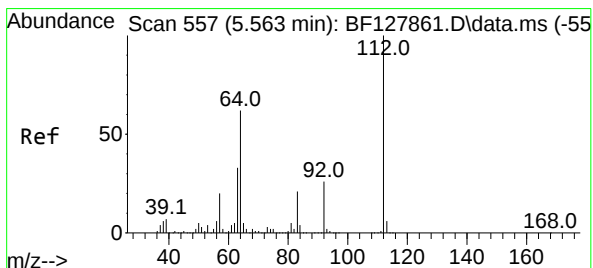
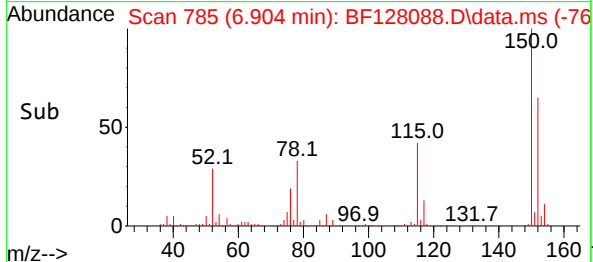
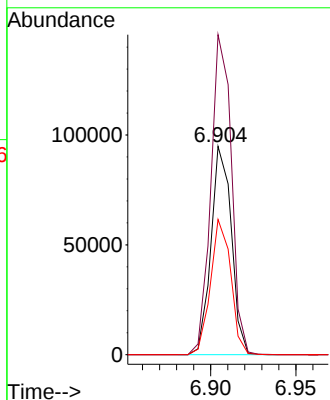
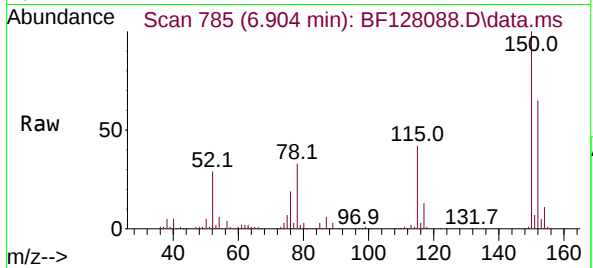




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

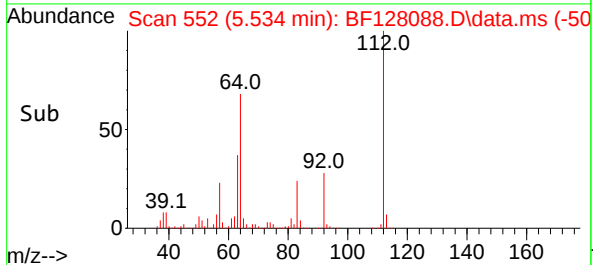
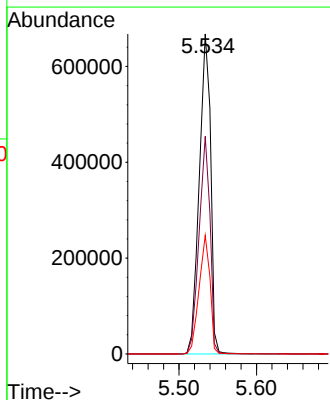
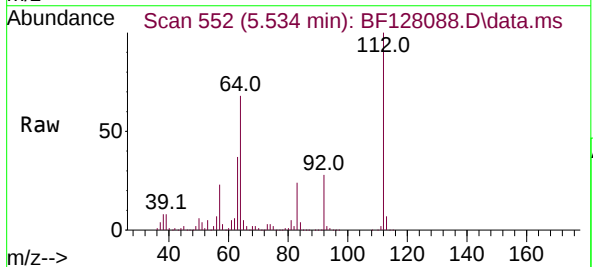
Instrument :
BNA_F
ClientSampleId :
SB-8,16

Tgt Ion:152 Resp: 78683
Ion Ratio Lower Upper
152 100
150 153.6 125.3 187.9
115 64.9 48.8 73.2



#5
2-Fluorophenol
Concen: 137.851 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

Tgt Ion:112 Resp: 680981
Ion Ratio Lower Upper
112 100
64 68.0 49.5 74.3
63 37.0 26.3 39.5

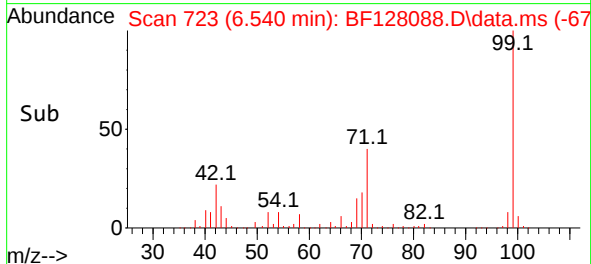
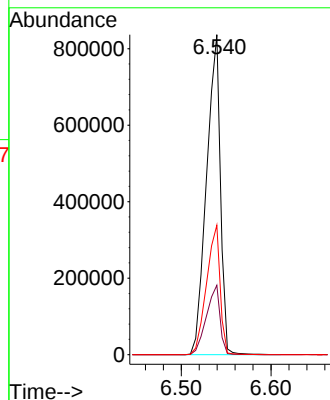
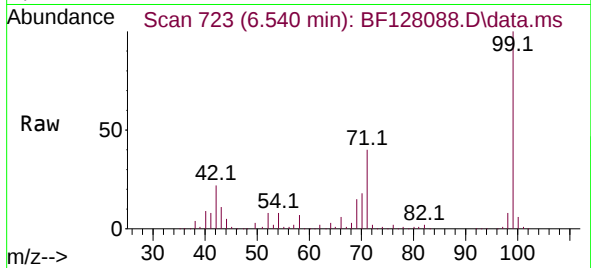




#7
Phenol-d6
Concen: 139.881 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

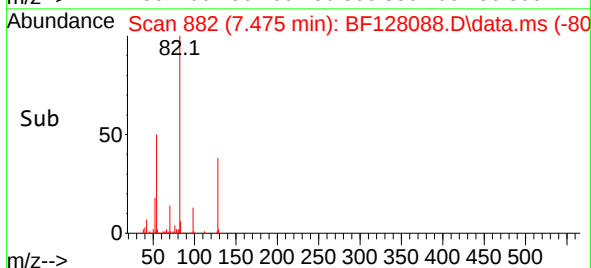
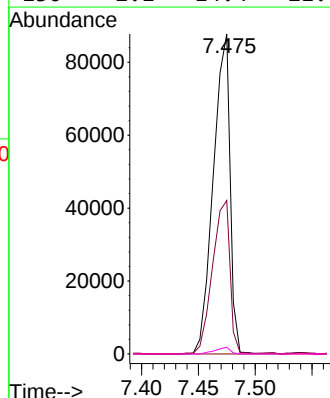
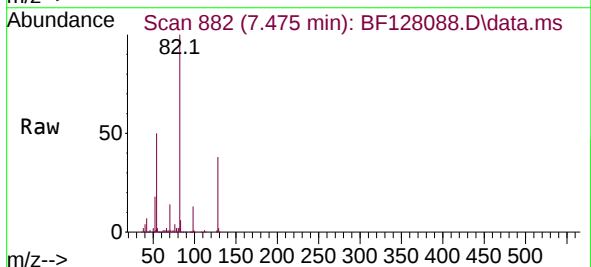
Instrument :
BNA_F
ClientSampleId :
SB-8,16

Tgt Ion: 99 Resp: 896631
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 40.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.890 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

Tgt Ion: 70 Resp: 89816
Ion Ratio Lower Upper
70 100
42 48.0 48.7 73.1#
101 0.0 7.2 10.8#
130 2.1 14.4 21.6#

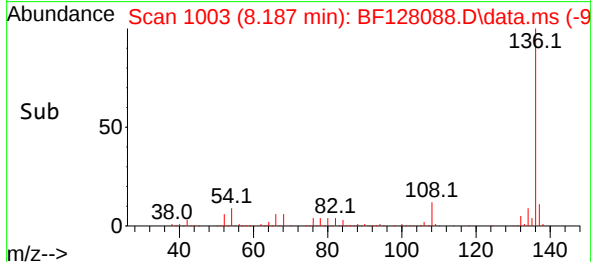
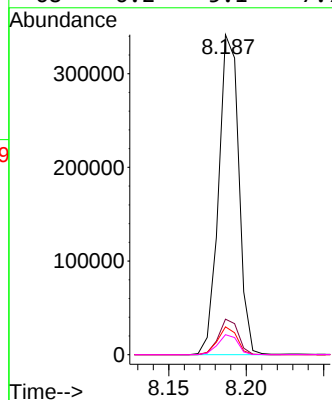
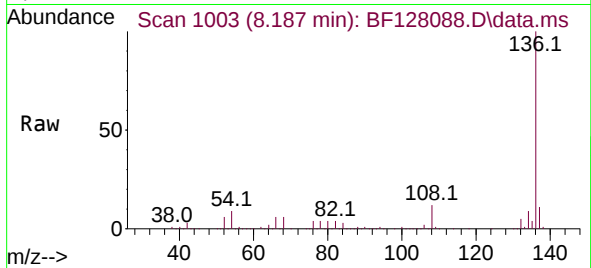




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

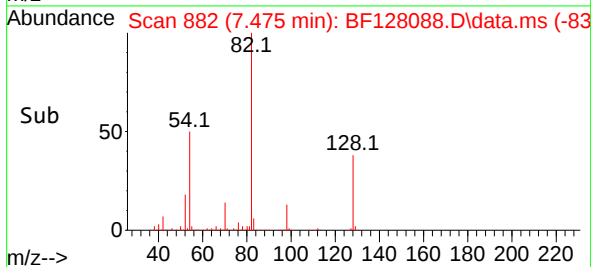
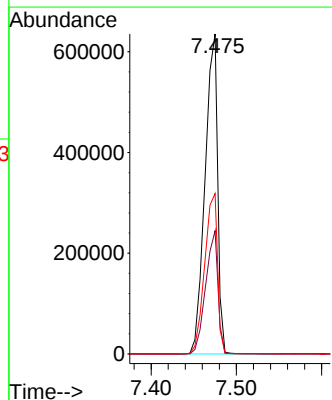
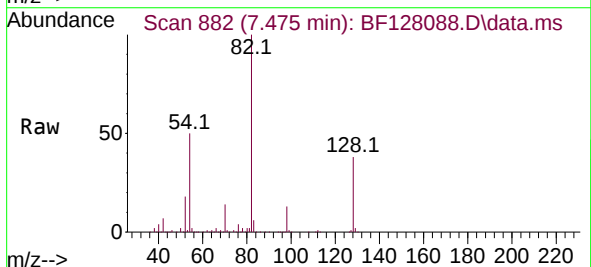
Instrument :
BNA_F
ClientSampleId :
SB-8,16

Tgt Ion:136	Resp: 309593
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 8.7	6.8 10.2
68 6.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 98.995 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

Tgt Ion: 82	Resp: 651751
Ion Ratio	Lower Upper
82 100	
128 38.5	30.0 45.0
54 50.1	41.3 61.9

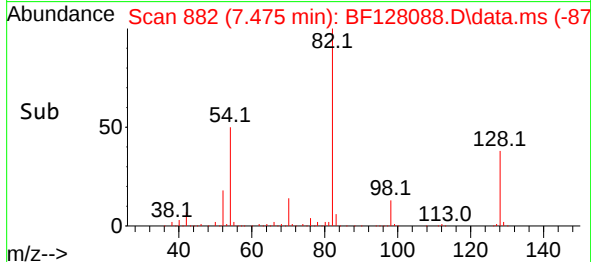
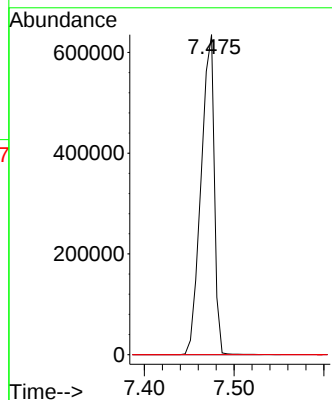
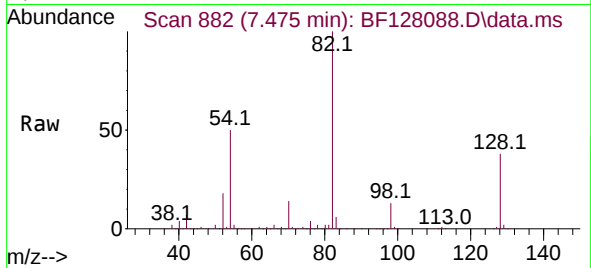




#25
Isophorone
Concen: 58.817 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

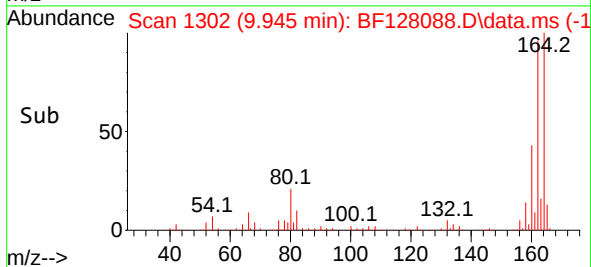
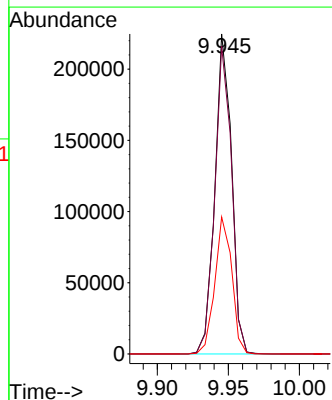
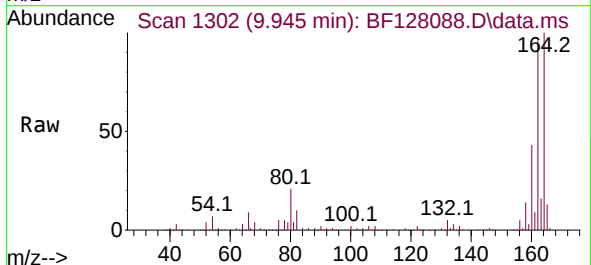
Instrument :
BNA_F
ClientSampleId :
SB-8,16

Tgt Ion: 82 Resp: 651741
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: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

Tgt Ion: 164 Resp: 183072
Ion Ratio Lower Upper
164 100
162 96.1 76.0 114.0
160 42.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 163.499 ng

RT: 10.745 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF128088.D

Acq: 05 May 2022 11:34

Instrument :

BNA_F

ClientSampleId :

SB-8,16

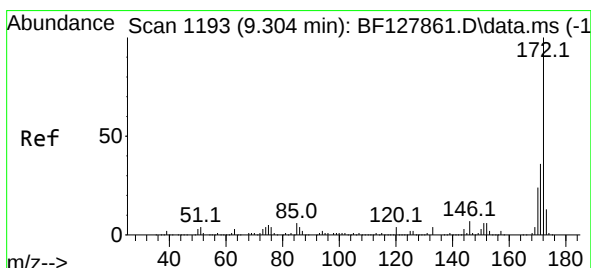
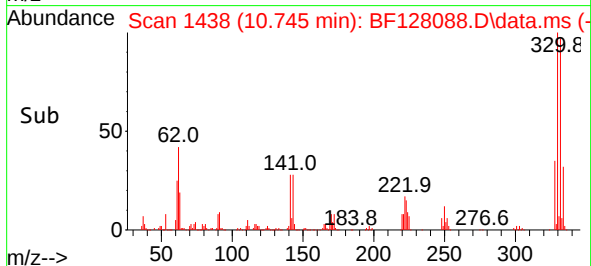
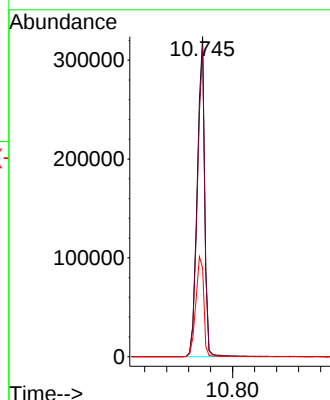
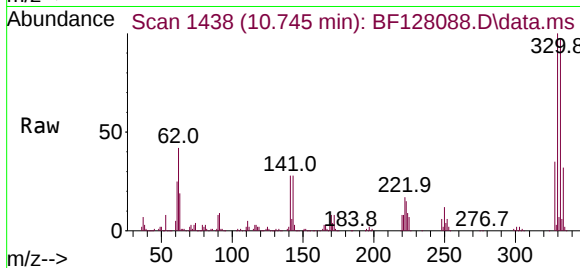
Tgt Ion:330 Resp: 301318

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 102.106 ng

RT: 9.269 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF128088.D

Acq: 05 May 2022 11:34

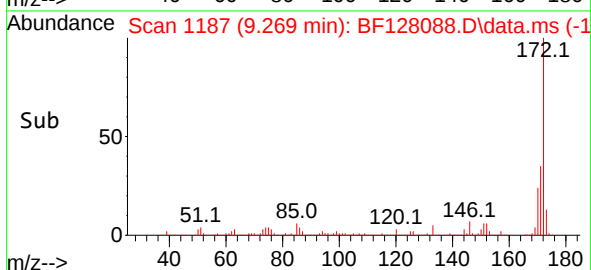
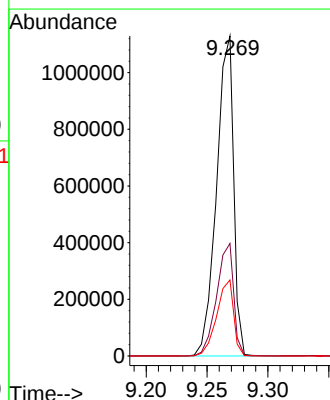
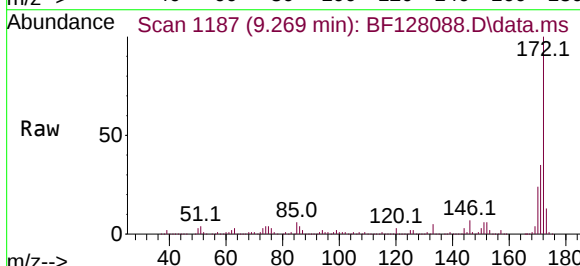
Tgt Ion:172 Resp: 1104945

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.7 19.1 28.7

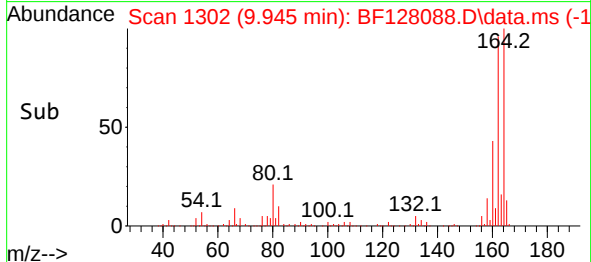
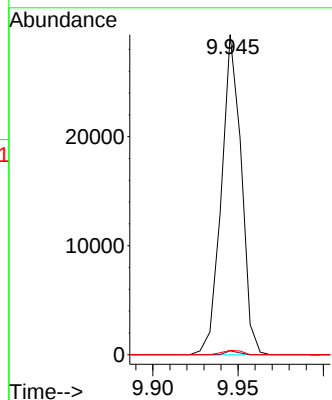
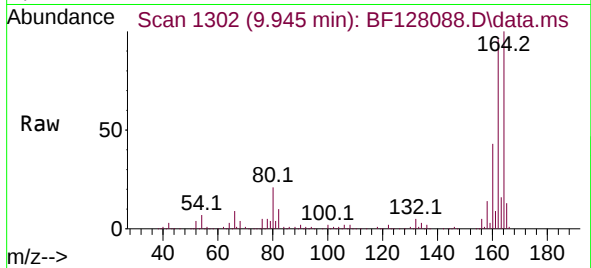




#51
2,6-Dinitrotoluene
Concen: 8.972 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

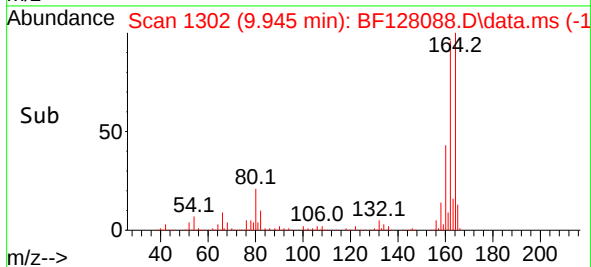
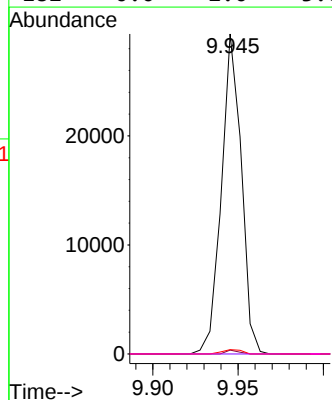
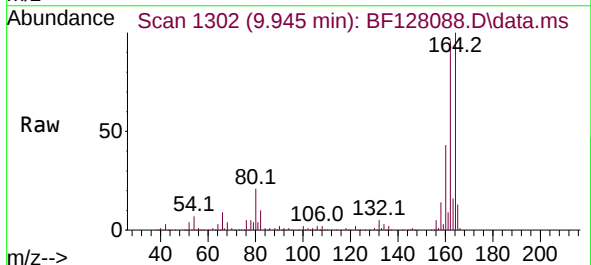
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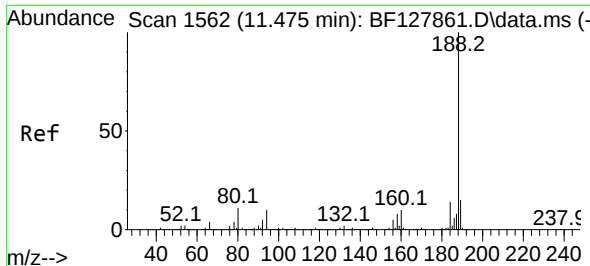
Tgt Ion:165 Resp: 23850
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.773 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

Tgt Ion:165 Resp: 23850
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

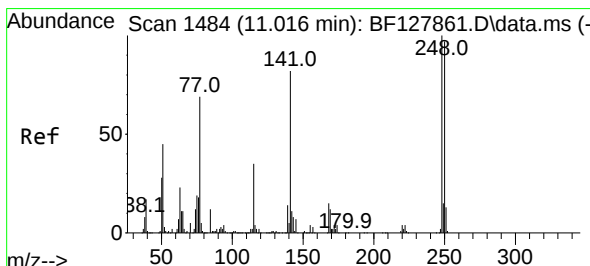
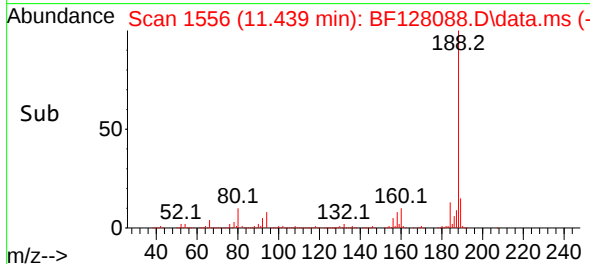
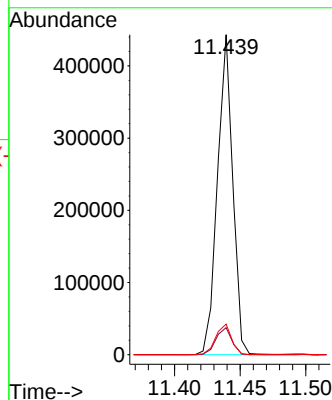
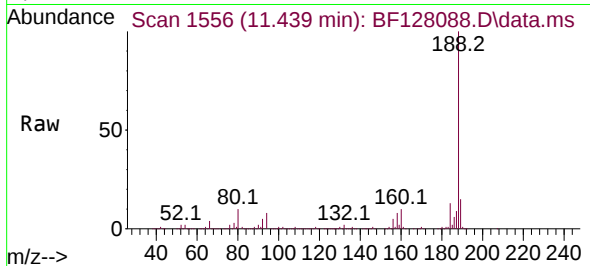




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

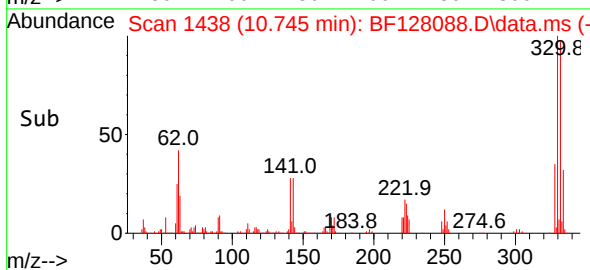
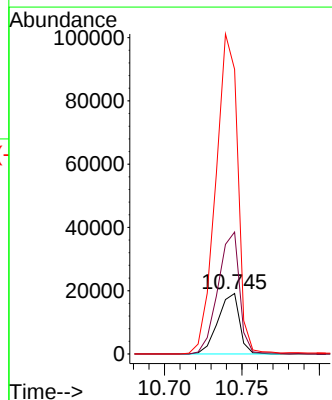
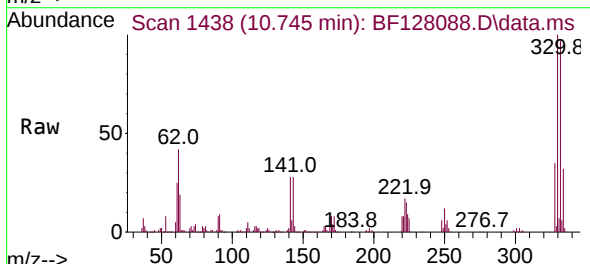
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BNA_F
ClientSampleId :
SB-8,16

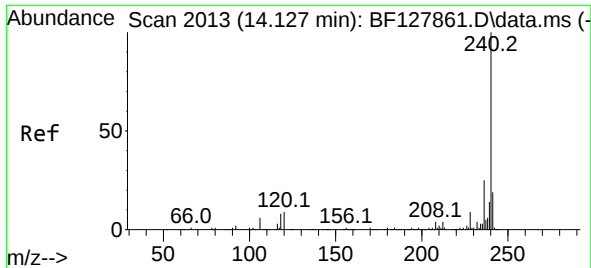
Tgt Ion:188 Resp: 358556
Ion Ratio Lower Upper
188 100
94 8.5 8.0 12.0
80 9.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.639 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.241 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

Tgt Ion:248 Resp: 18440
Ion Ratio Lower Upper
248 100
250 201.8 77.7 116.5#
141 470.8 65.6 98.4#

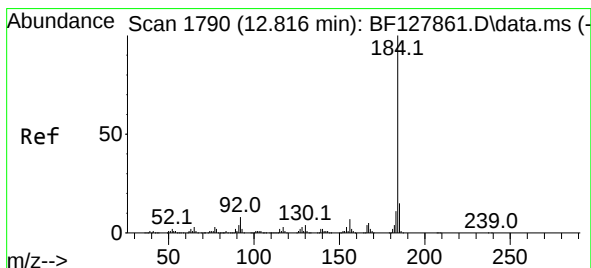
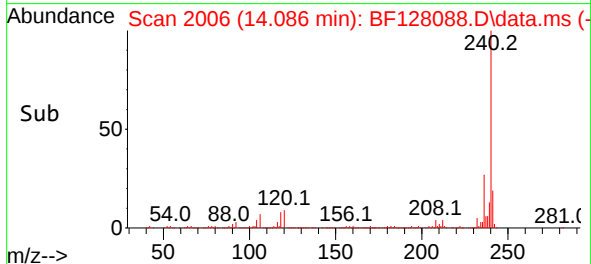
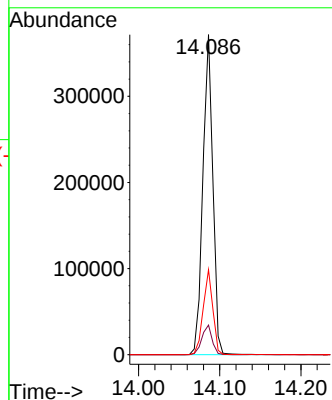
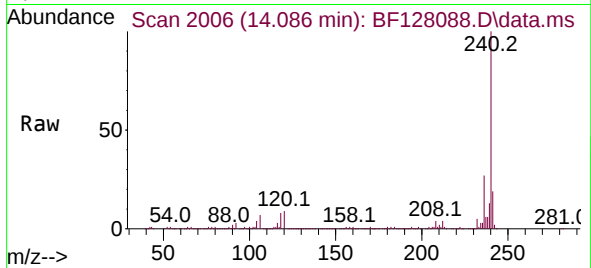




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

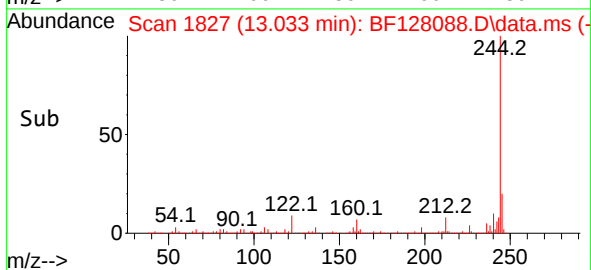
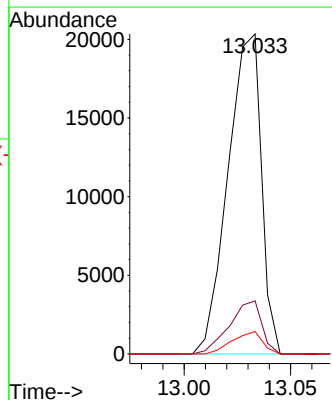
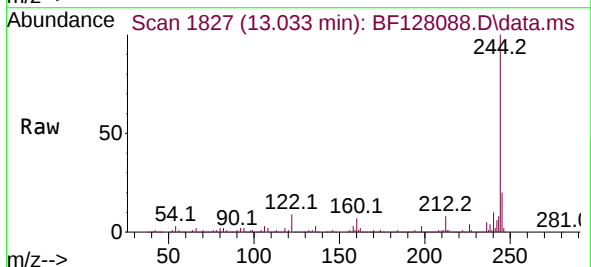
Instrument :
BNA_F
ClientSampleId :
SB-8,16

Tgt Ion:240 Resp: 316798
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 26.5 20.3 30.5



#77
Benzidine
Concen: 3.702 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.253 min
Lab File: BF128088.D
Acq: 05 May 2022 11:34

Tgt Ion:184 Resp: 22193
Ion Ratio Lower Upper
184 100
185 16.6 12.1 18.1
183 7.0 9.0 13.4#

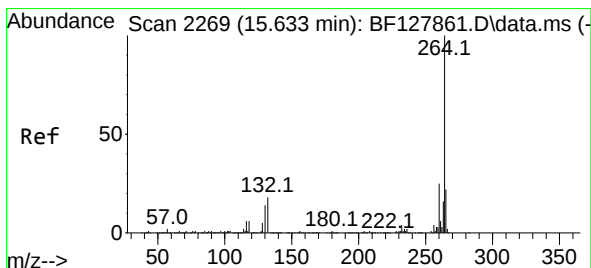
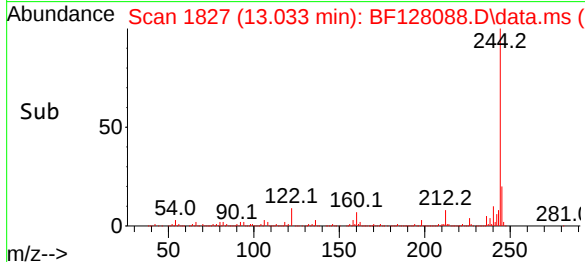
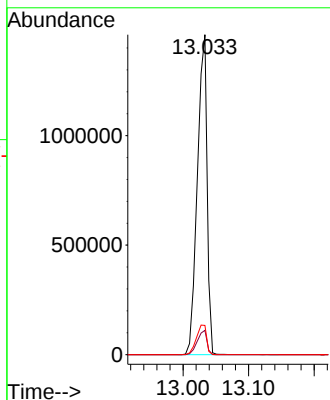
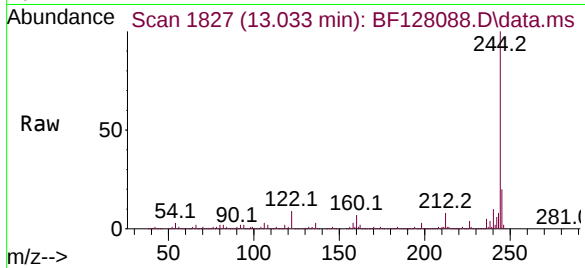




#79
 Terphenyl-d14
 Concen: 87.027 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF128088.D
 Acq: 05 May 2022 11:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-8,16

Tgt Ion:244 Resp: 1507743
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128088.D
 Acq: 05 May 2022 11:34

Tgt Ion:264 Resp: 264491
 Ion Ratio Lower Upper
 264 100
 260 24.2 20.1 30.1
 265 21.8 17.5 26.3

