

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128134.D
 Acq On : 06 May 2022 19:56
 Operator : CG\JU
 Sample : N2712-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

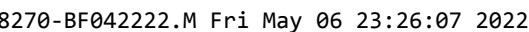
Quant Time: May 06 23:26:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	75294	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	291445	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	168565	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	322087	20.000	ng	-0.01
76) Chrysene-d12	14.080	240	242208	20.000	ng	-0.01
86) Perylene-d12	15.580	264	174017	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	490121	103.681	ng	0.00
7) Phenol-d6	6.534	99	649915	105.955	ng	-0.01
23) Nitrobenzene-d5	7.469	82	446611	72.060	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	188555	111.118	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	722405	72.502	ng	0.00
79) Terphenyl-d14	13.022	244	898426	67.827	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	60556	16.128	ng	# 79
25) Isophorone	7.469	82	446606	42.814	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	21190	8.657	ng	# 21
57) 2,4-Dinitrotoluene	9.945	165	21190	6.536	ng	# 26
67) 4-Bromophenyl-phenylether	10.733	248	11899	3.333	ng	# 1
77) Benzidine	13.022	184	12282	2.680	ng	# 93

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

Quant Time: May 06 23:26:05 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

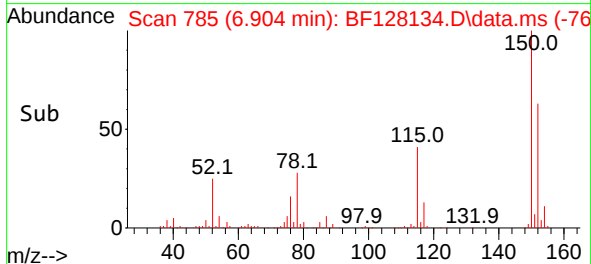
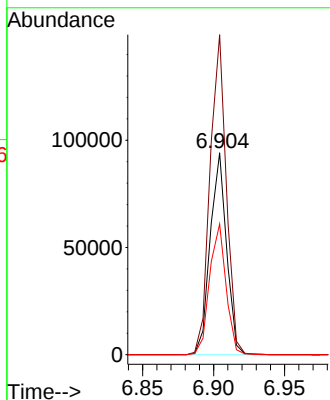
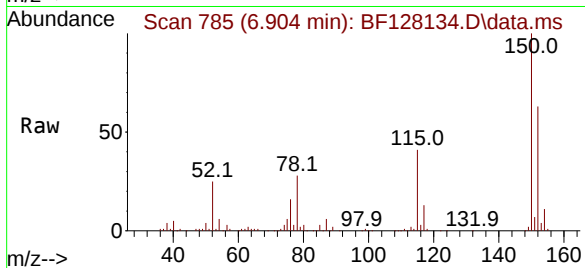




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

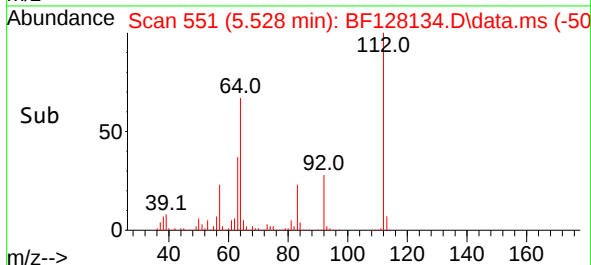
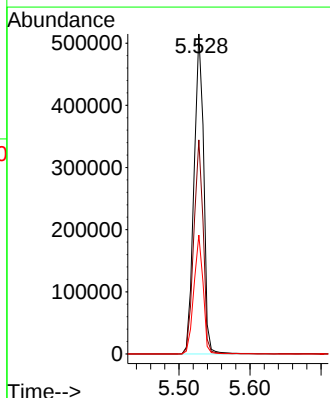
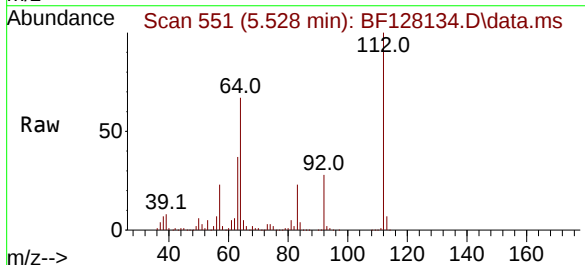
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:152 Resp: 75294
Ion Ratio Lower Upper
152 100
150 158.5 125.3 187.9
115 64.8 48.8 73.2



#5
2-Fluorophenol
Concen: 103.681 ng
RT: 5.528 min Scan# 551
Delta R.T. -0.006 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

Tgt Ion:112 Resp: 490121
Ion Ratio Lower Upper
112 100
64 66.9 49.5 74.3
63 37.1 26.3 39.5

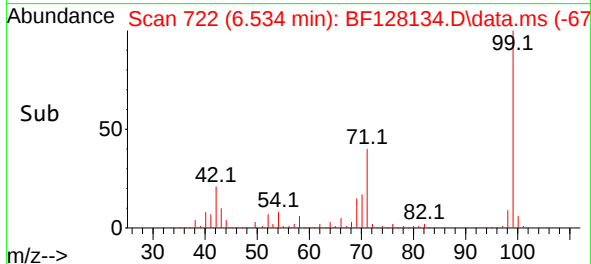
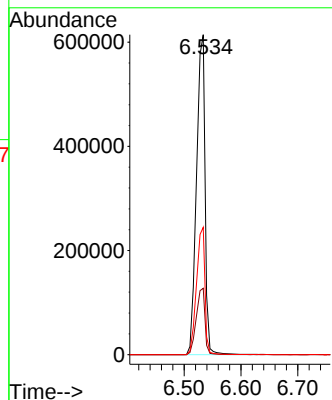
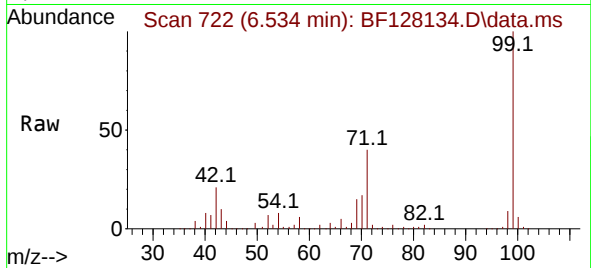




#7
Phenol-d6
Concen: 105.955 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

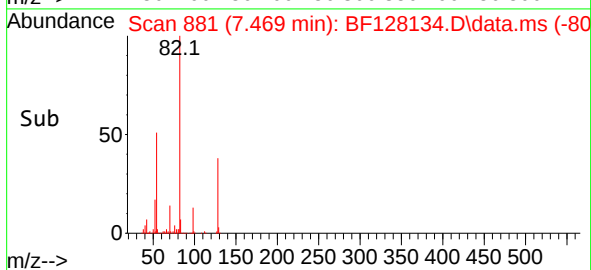
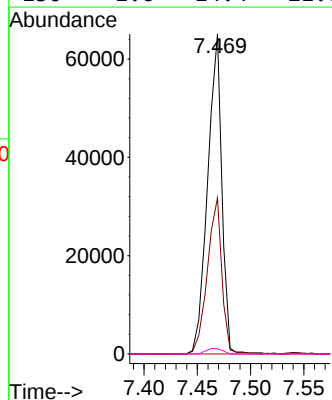
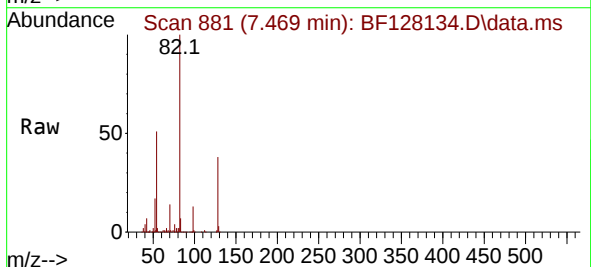
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BNA_F
ClientSampleId :
TP-3

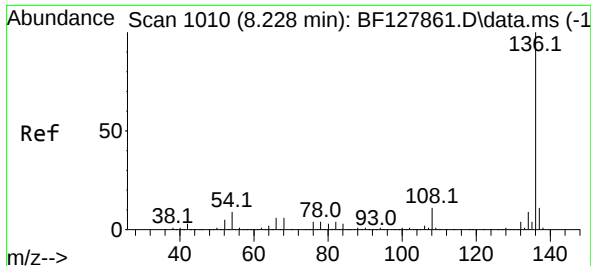
Tgt Ion: 99 Resp: 649915
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 39.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.128 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

Tgt Ion: 70 Resp: 60556
Ion Ratio Lower Upper
70 100
42 48.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

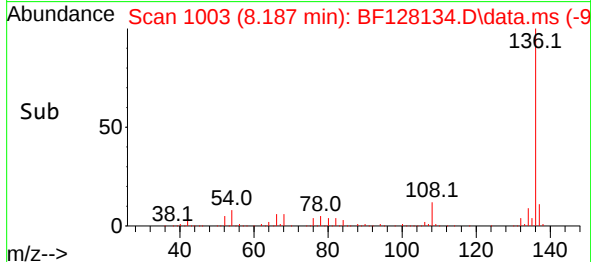
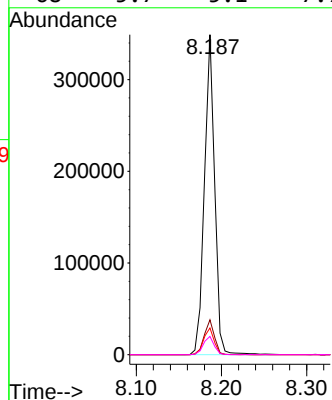
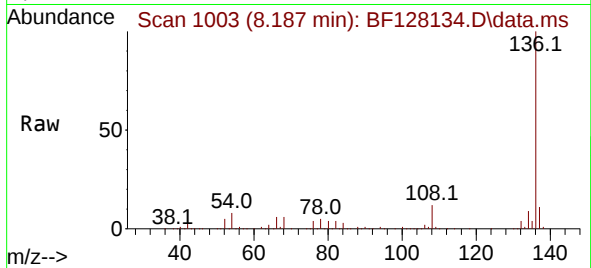




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1010
Delta R.T. -0.012 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

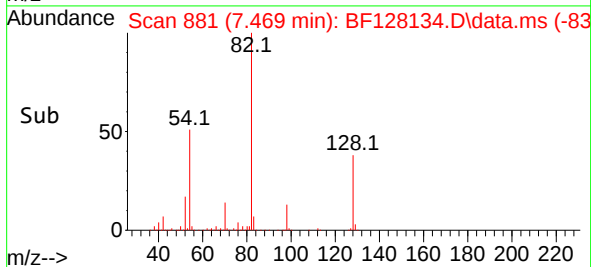
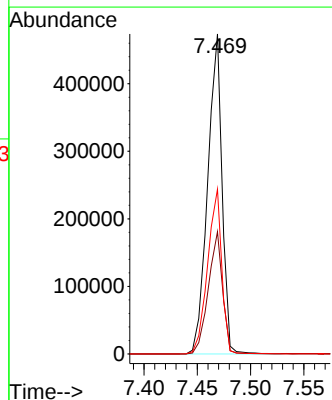
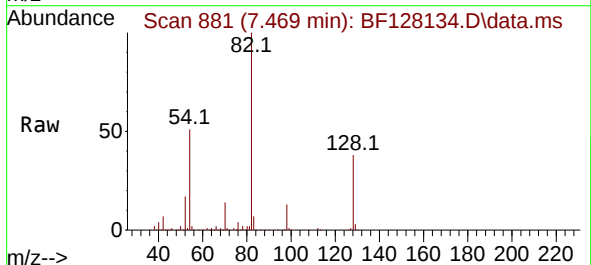
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136	Resp: 291445
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.3	6.8 10.2
68 5.7	5.1 7.7



#23
Nitrobenzene-d5
Concen: 72.060 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

Tgt Ion: 82	Resp: 446611
Ion Ratio	Lower Upper
82 100	
128 38.2	30.0 45.0
54 51.5	41.3 61.9

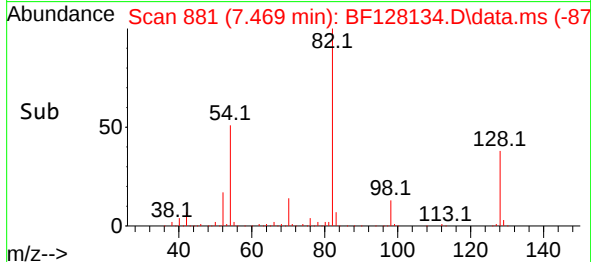
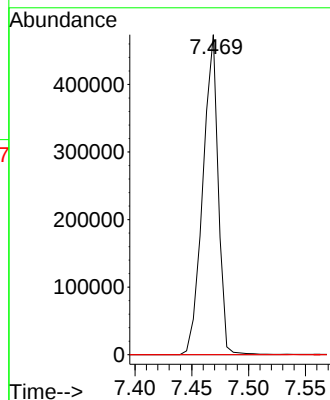
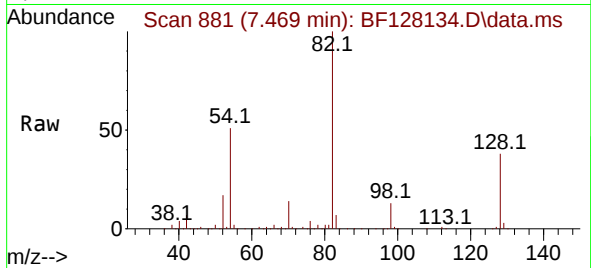




#25
Isophorone
Concen: 42.814 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

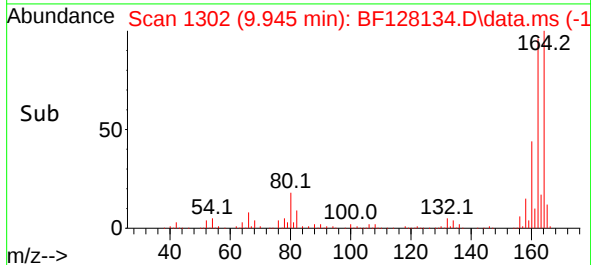
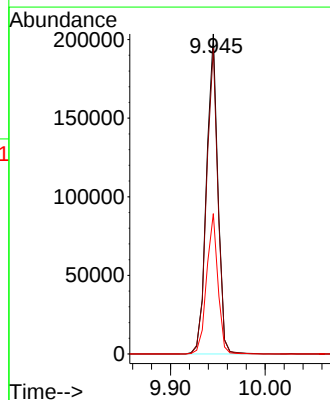
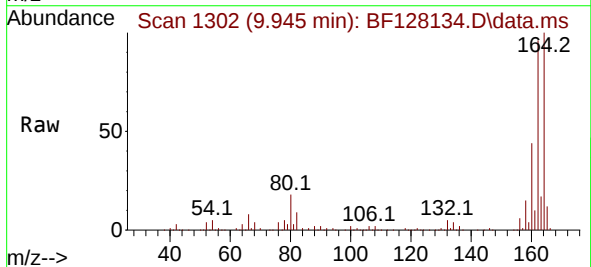
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 82 Resp: 446606
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: BF128134.D
Acq: 06 May 2022 19:56

Tgt Ion:164 Resp: 168565
Ion Ratio Lower Upper
164 100
162 95.6 76.0 114.0
160 43.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 111.118 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128134.D

Acq: 06 May 2022 19:56

Instrument :

BNA_F

ClientSampleId :

TP-3

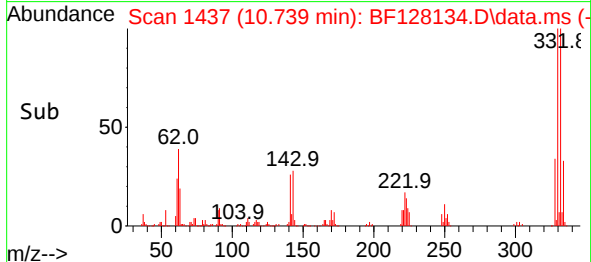
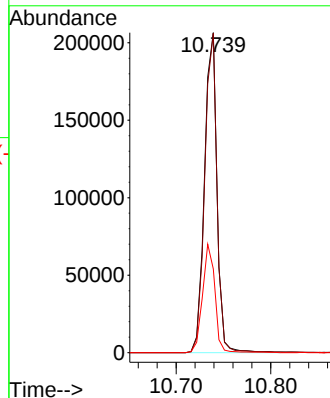
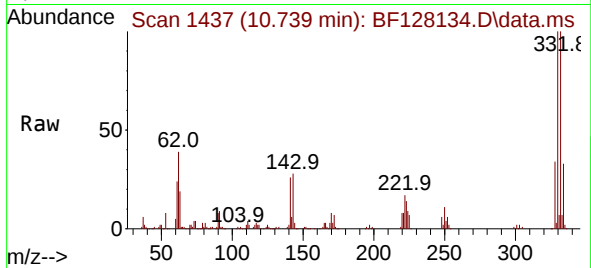
Tgt Ion:330 Resp: 188555

Ion Ratio Lower Upper

330 100

332 98.1 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 72.502 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128134.D

Acq: 06 May 2022 19:56

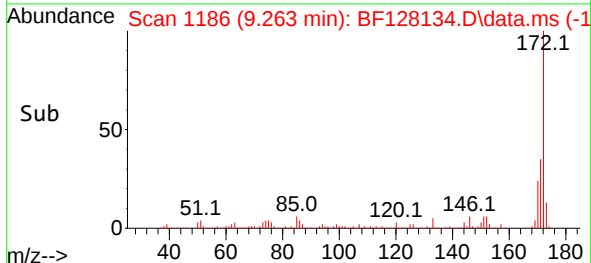
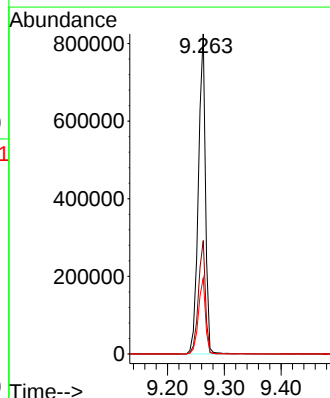
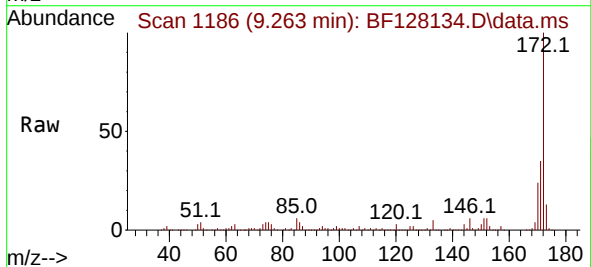
Tgt Ion:172 Resp: 722405

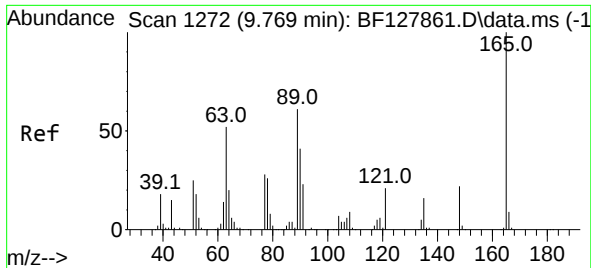
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.7 19.1 28.7

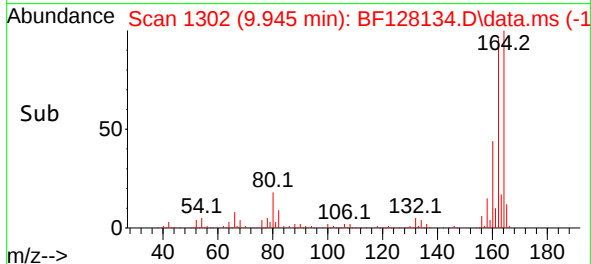
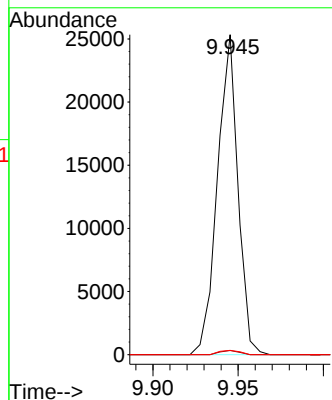
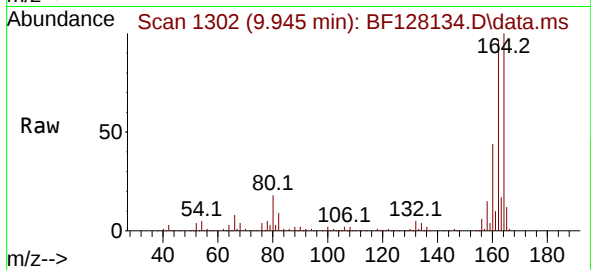




#51
2,6-Dinitrotoluene
Concen: 8.657 ng
RT: 9.945 min Scan# 1302
Delta R.T. 0.206 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

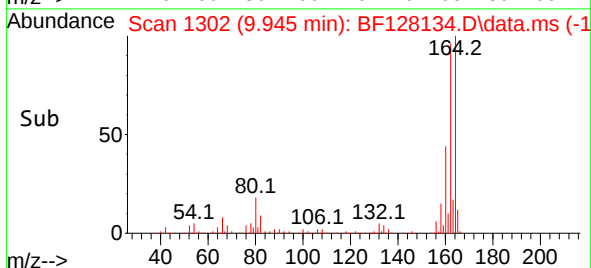
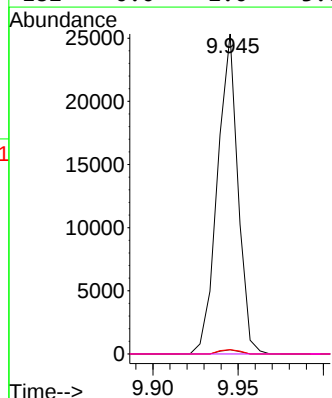
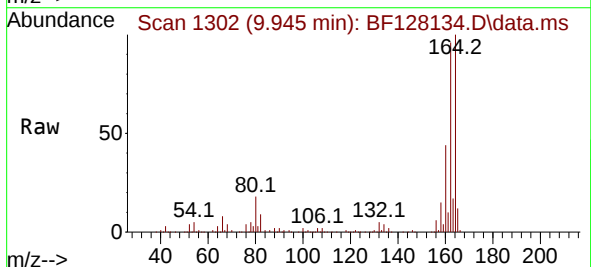
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:165 Resp: 21190
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.536 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

Tgt Ion:165 Resp: 21190
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

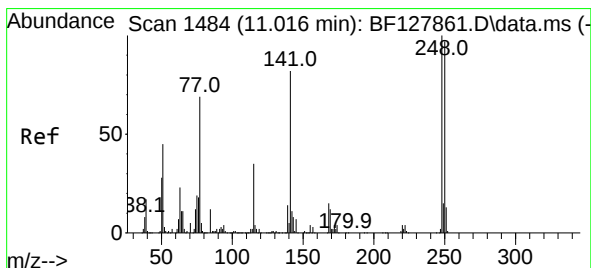
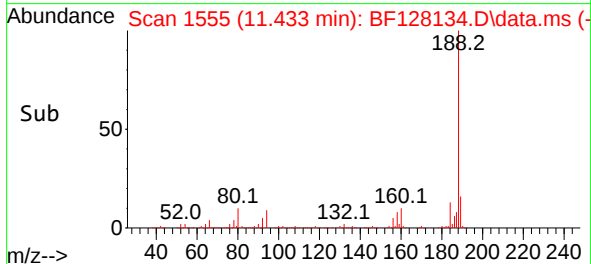
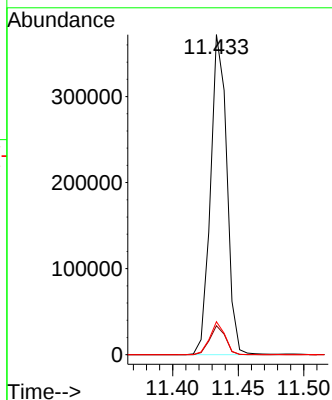
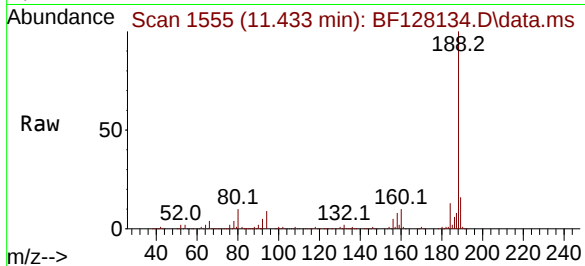




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

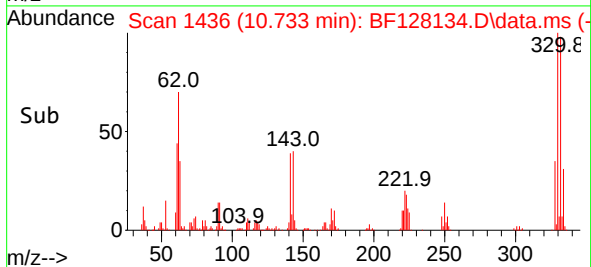
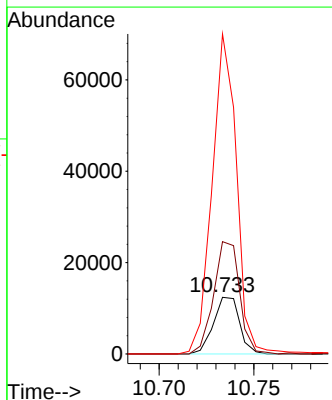
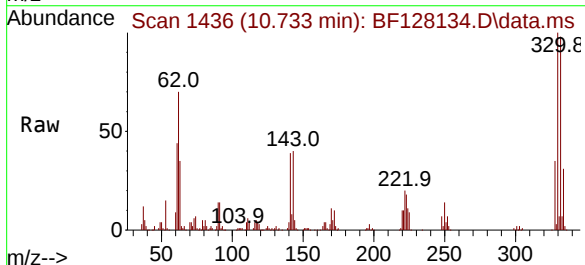
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BNA_F
ClientSampleId :
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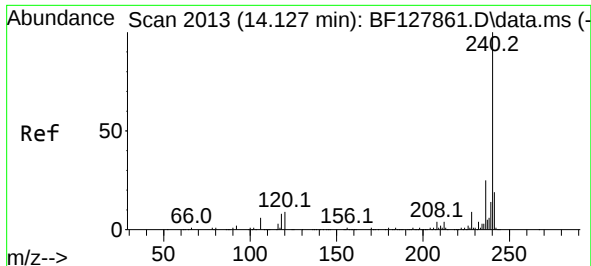
Tgt Ion:188 Resp: 322087
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.333 ng
RT: 10.733 min Scan# 1436
Delta R.T. -0.253 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

Tgt Ion:248 Resp: 11899
Ion Ratio Lower Upper
248 100
250 198.1 77.7 116.5#
141 564.3 65.6 98.4#

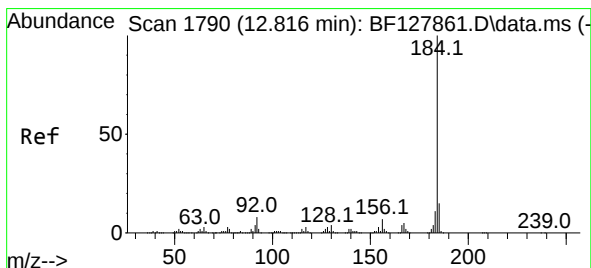
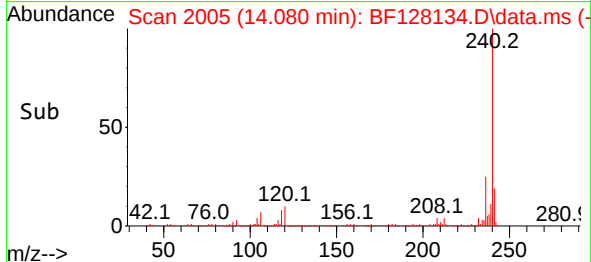
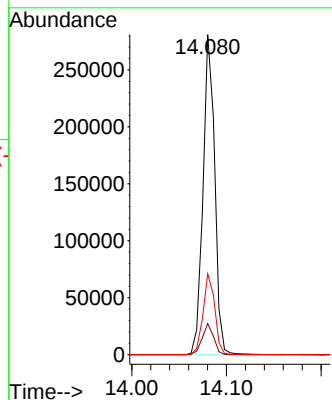
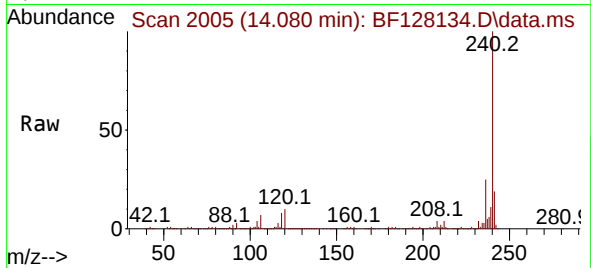




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

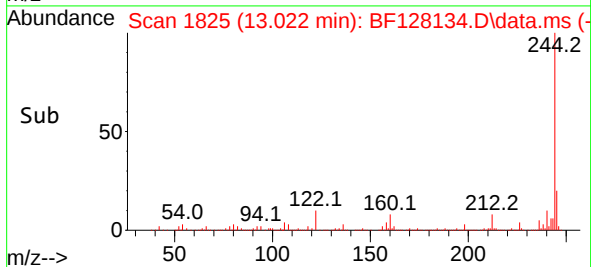
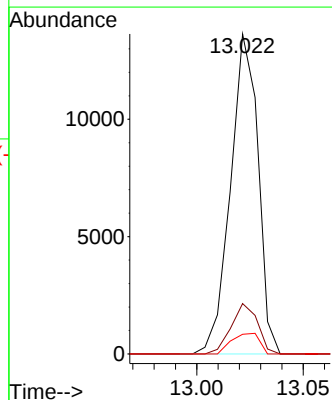
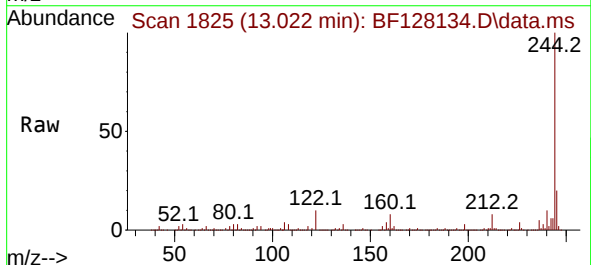
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:240 Resp: 242208
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.3 20.3 30.5



#77
Benzidine
Concen: 2.680 ng
RT: 13.022 min Scan# 1825
Delta R.T. 0.241 min
Lab File: BF128134.D
Acq: 06 May 2022 19:56

Tgt Ion:184 Resp: 12282
Ion Ratio Lower Upper
184 100
185 15.8 12.1 18.1
183 6.1 9.0 13.4#

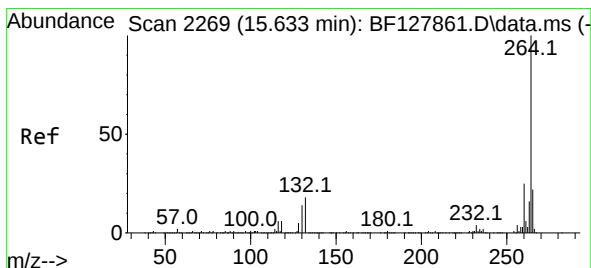
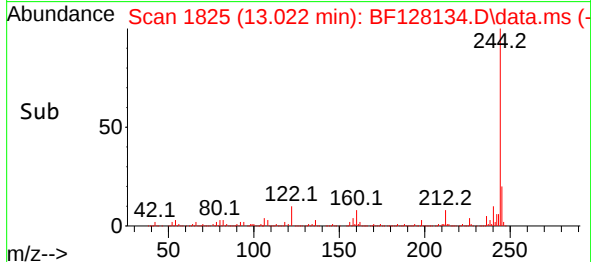
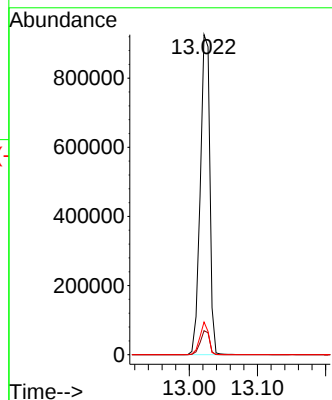
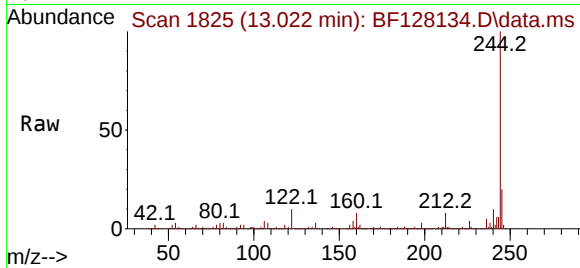




#79
 Terphenyl-d14
 Concen: 67.827 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF128134.D
 Acq: 06 May 2022 19:56

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 898426
 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: 15.580 min Scan# 2260
 Delta R.T. -0.012 min
 Lab File: BF128134.D
 Acq: 06 May 2022 19:56

Tgt Ion:264 Resp: 174017
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.1 30.1
 265 21.1 17.5 26.3

