

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128070.D
 Acq On : 04 May 2022 14:30
 Operator : CG\JU
 Sample : N2665-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9,6

Quant Time: May 05 06:03:15 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)

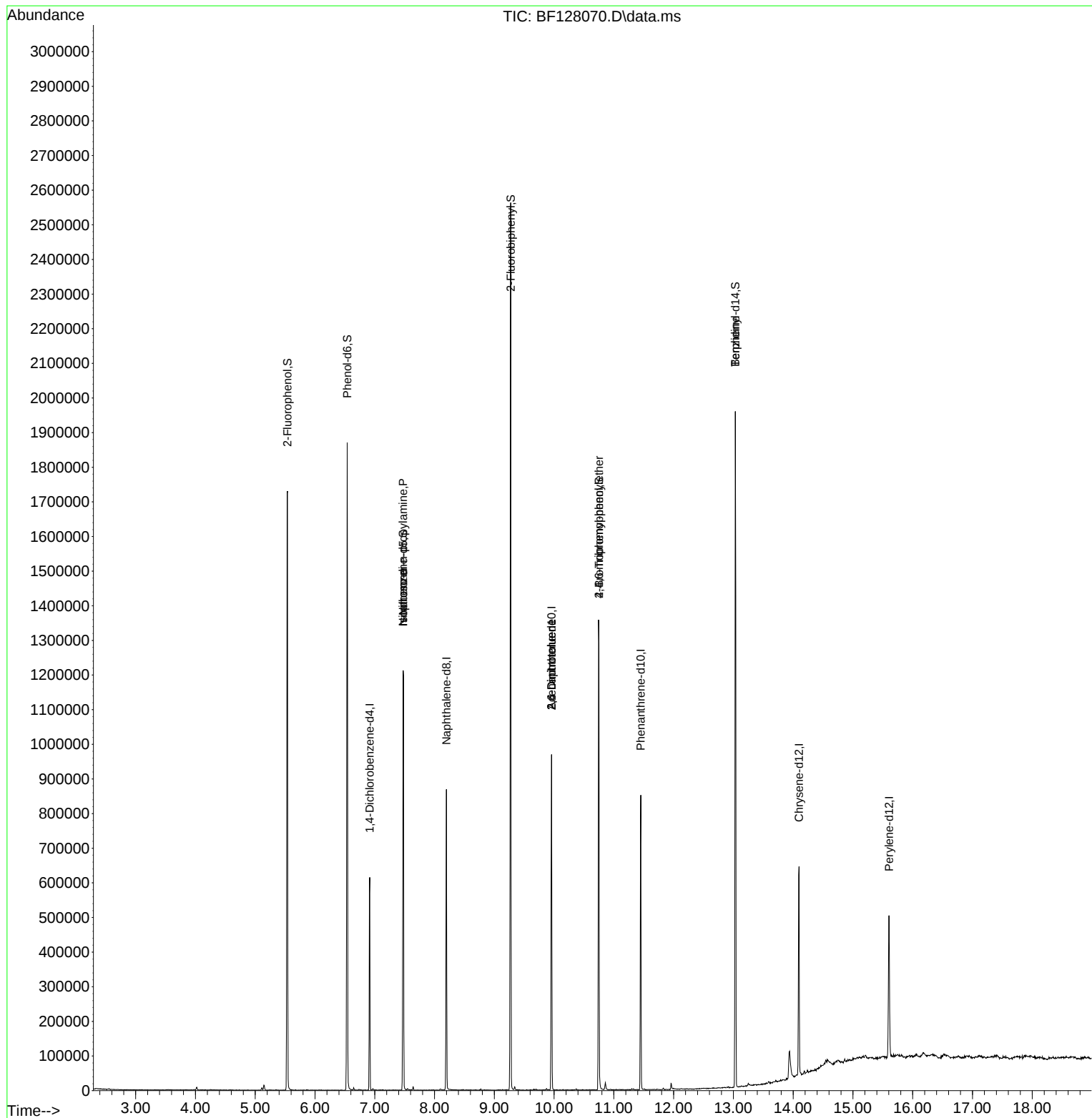
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	83921	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	334615	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	186028	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	303657	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	213135	20.000	ng	0.00
86) Perylene-d12	15.604	264	193507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	455684	86.487	ng	0.00
7) Phenol-d6	6.539	99	608263	88.971	ng	-0.01
23) Nitrobenzene-d5	7.475	82	429002	60.289	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	161742	86.369	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	722414	65.696	ng	0.00
79) Terphenyl-d14	13.033	244	630445	54.088	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	57512	13.742	ng	# 79
25) Isophorone	7.475	82	428997	35.820	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	24672	9.134	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	24672	6.895	ng	# 26
67) 4-Bromophenyl-phenylether	10.751	248	10391	3.087	ng	# 1
77) Benzidine	13.033	184	8616	2.136	ng	# 94

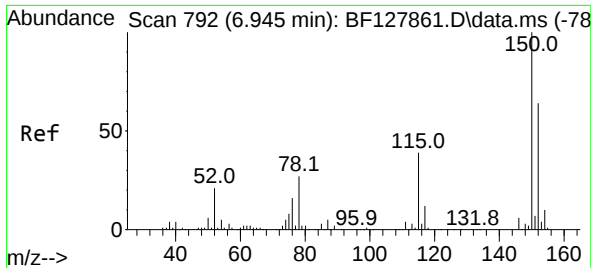
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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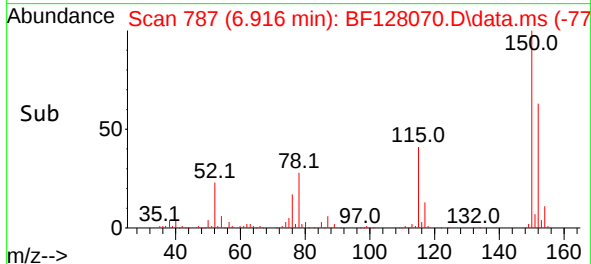
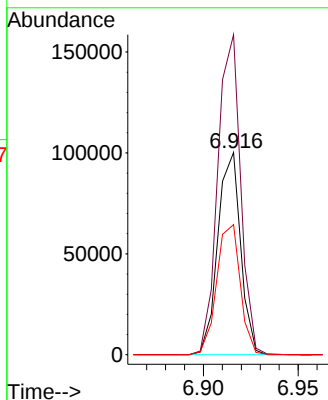
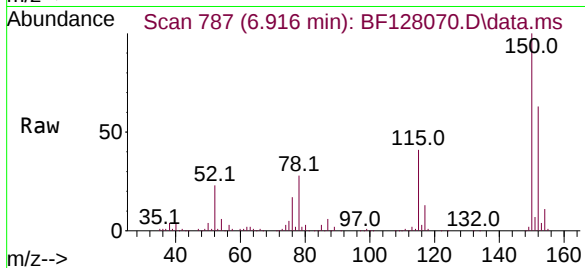




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BF128070.D
 Acq: 04 May 2022 14:30

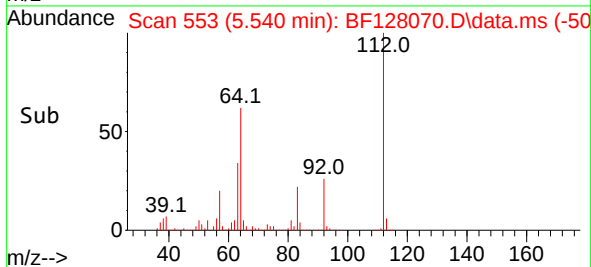
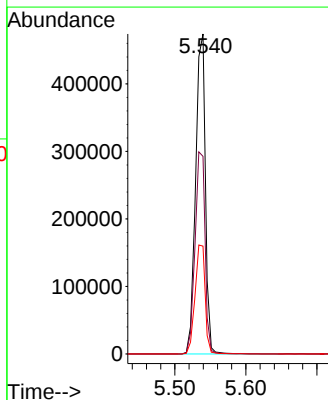
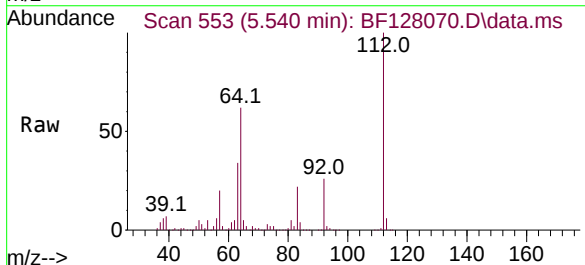
Instrument :
 BNA_F
 ClientSampleId :
 SB-9,6

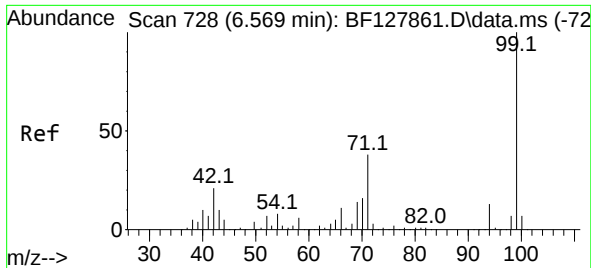
Tgt Ion:152 Resp: 83921
 Ion Ratio Lower Upper
 152 100
 150 158.3 125.3 187.9
 115 64.4 48.8 73.2



#5
 2-Fluorophenol
 Concen: 86.487 ng
 RT: 5.540 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: BF128070.D
 Acq: 04 May 2022 14:30

Tgt Ion:112 Resp: 455684
 Ion Ratio Lower Upper
 112 100
 64 61.7 49.5 74.3
 63 33.7 26.3 39.5

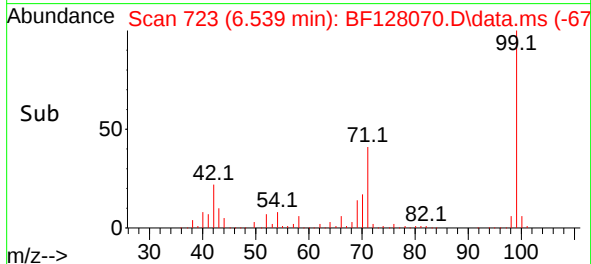
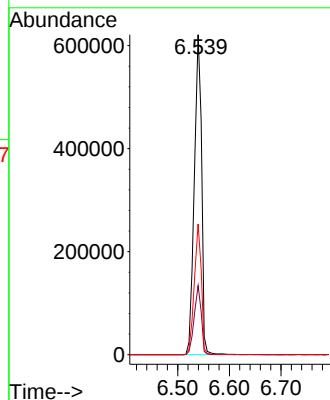
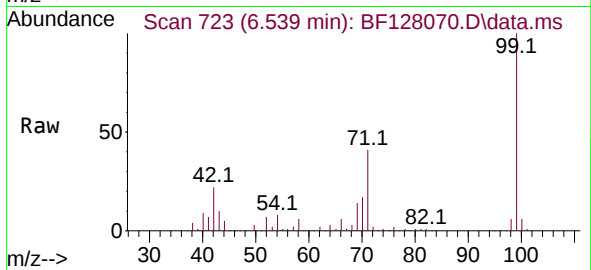




#7
Phenol-d6
Concen: 88.971 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128070.D
Acq: 04 May 2022 14:30

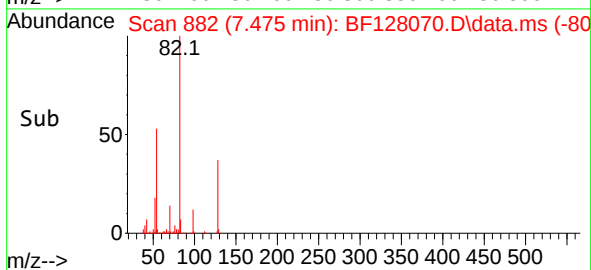
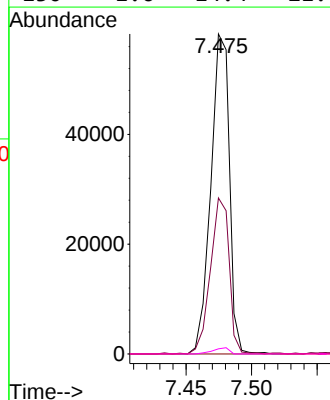
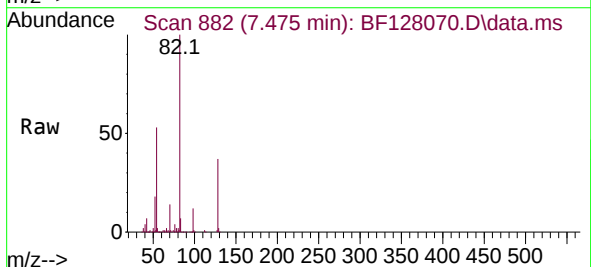
Instrument :
BNA_F
ClientSampleId :
SB-9,6

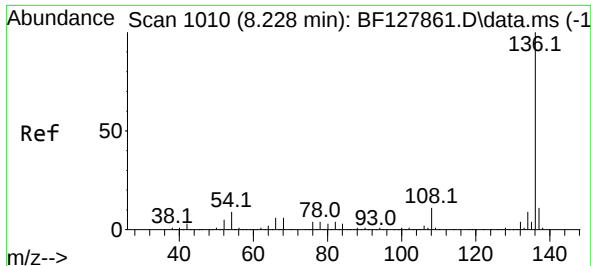
Tgt Ion: 99 Resp: 608263
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 40.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.742 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.141 min
Lab File: BF128070.D
Acq: 04 May 2022 14:30

Tgt Ion: 70 Resp: 57512
Ion Ratio Lower Upper
70 100
42 48.7 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

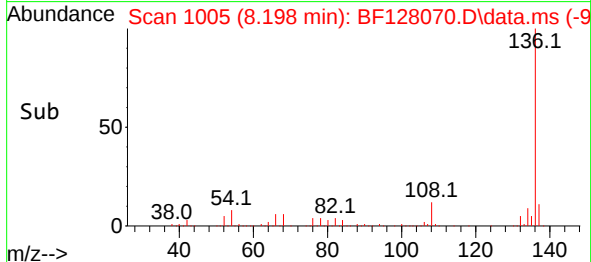
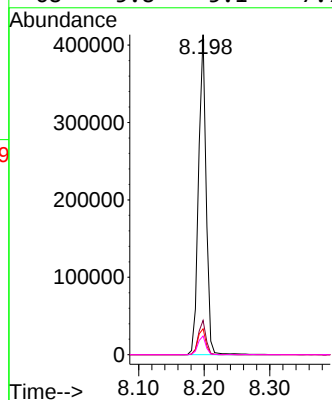
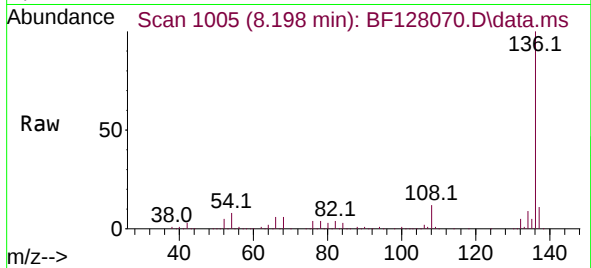




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF128070.D
Acq: 04 May 2022 14:30

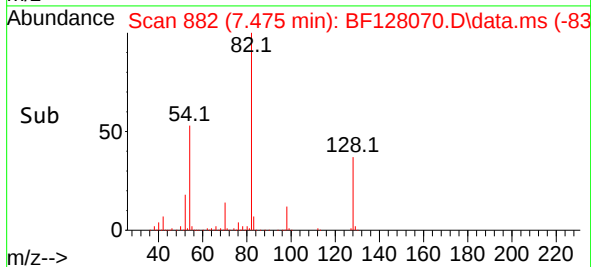
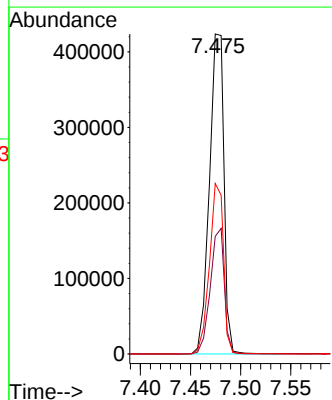
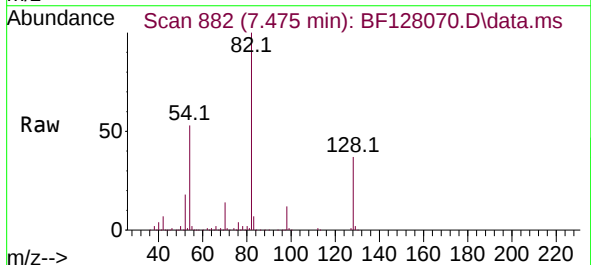
Instrument :
BNA_F
ClientSampleId :
SB-9,6

Tgt Ion:	136	Resp:	334615
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.1	6.8	10.2
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 60.289 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF128070.D
Acq: 04 May 2022 14:30

Tgt Ion:	82	Resp:	429002
Ion	Ratio	Lower	Upper
82	100		
128	36.7	30.0	45.0
54	53.2	41.3	61.9

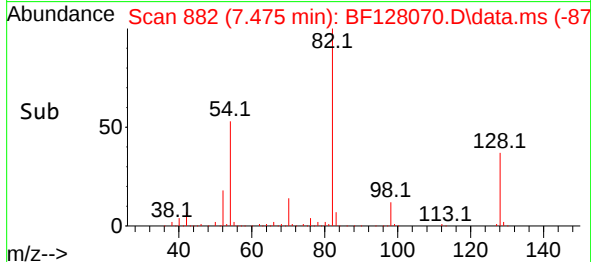
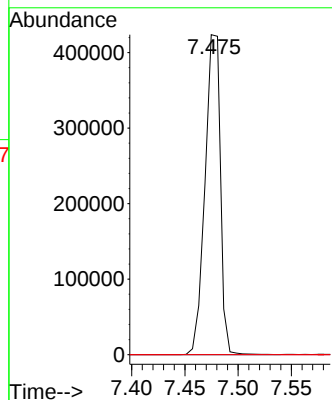
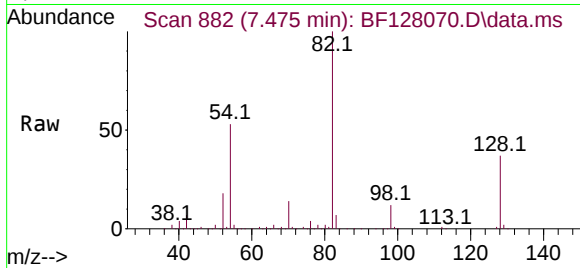




#25
Isophorone
Concen: 35.820 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128070.D
Acq: 04 May 2022 14:30

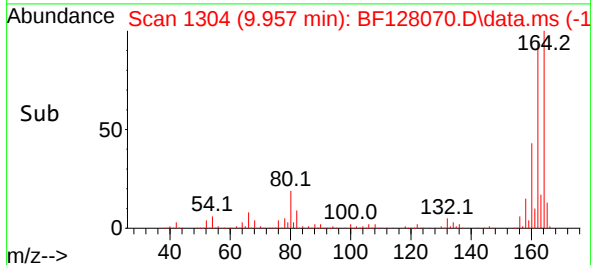
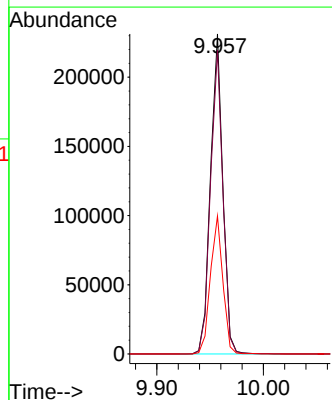
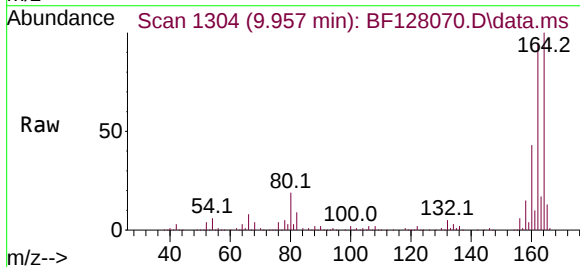
Instrument :
BNA_F
ClientSampleId :
SB-9,6

Tgt Ion: 82 Resp: 428997
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: BF128070.D
Acq: 04 May 2022 14:30

Tgt Ion:164 Resp: 186028
Ion Ratio Lower Upper
164 100
162 95.0 76.0 114.0
160 43.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 86.369 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128070.D

Acq: 04 May 2022 14:30

Instrument :

BNA_F

ClientSampleId :

SB-9,6

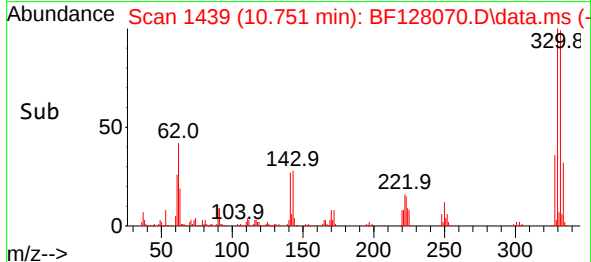
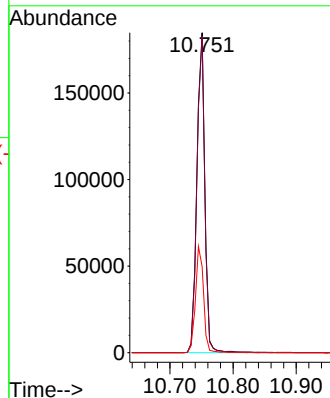
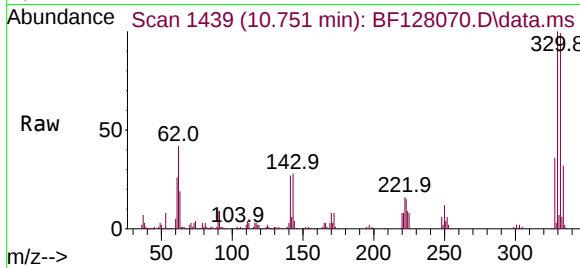
Tgt Ion:330 Resp: 161742

Ion Ratio Lower Upper

330 100

332 97.3 79.0 118.4

141 33.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 65.696 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128070.D

Acq: 04 May 2022 14:30

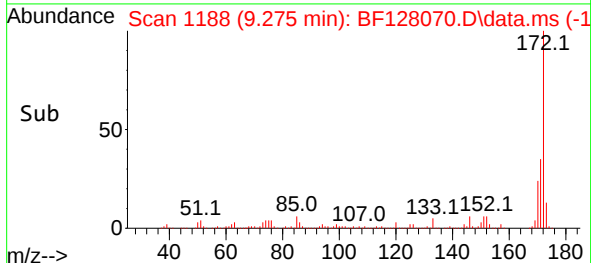
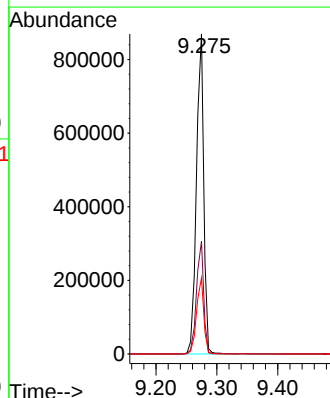
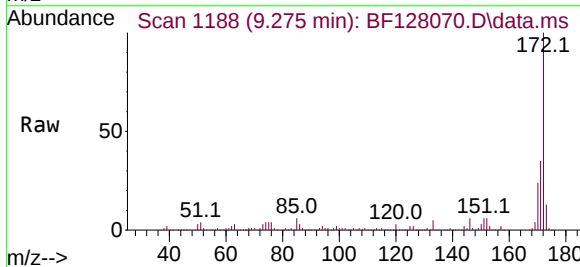
Tgt Ion:172 Resp: 722414

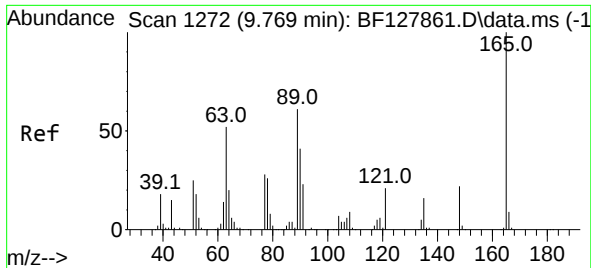
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.134 ng

RT: 9.957 min Scan# 1304

Delta R.T. 0.206 min

Lab File: BF128070.D

Acq: 04 May 2022 14:30

Instrument :

BNA_F

ClientSampleId :

SB-9,6

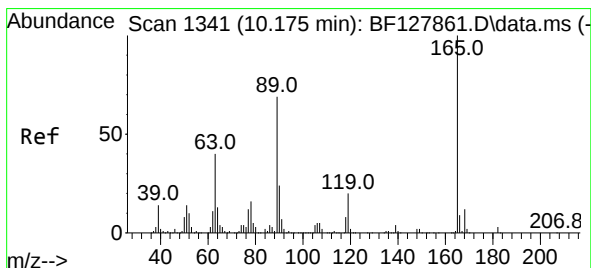
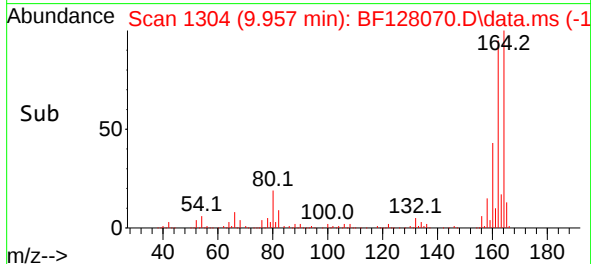
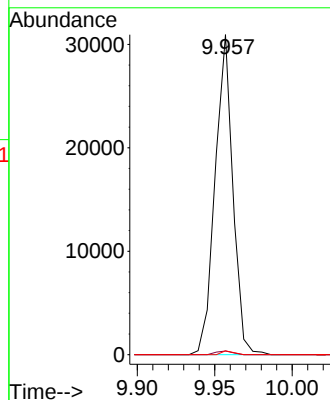
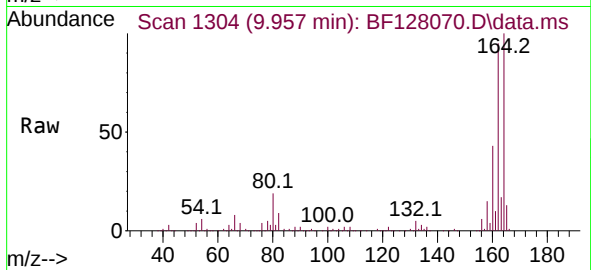
Tgt Ion:165 Resp: 24672

Ion Ratio Lower Upper

165 100

63 1.2 49.5 74.3#

89 1.2 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.895 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF128070.D

Acq: 04 May 2022 14:30

Tgt Ion:165 Resp: 24672

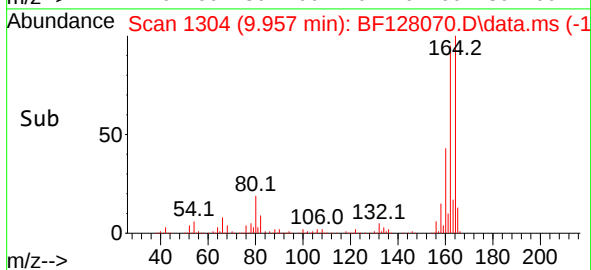
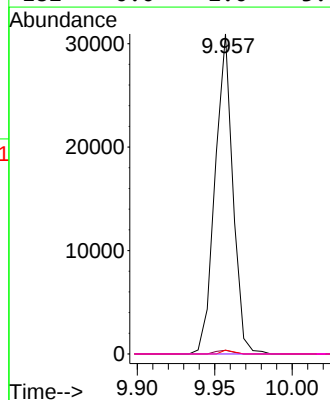
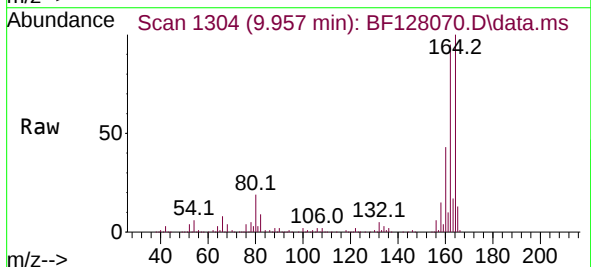
Ion Ratio Lower Upper

165 100

63 1.2 32.6 49.0#

89 1.2 55.2 82.8#

182 0.0 2.0 3.0#

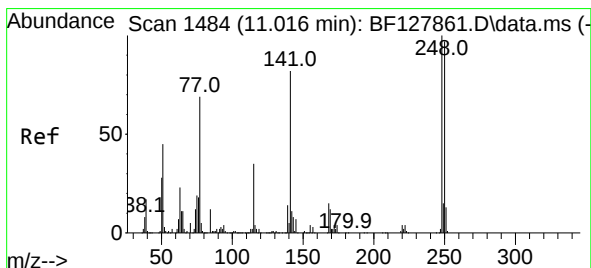
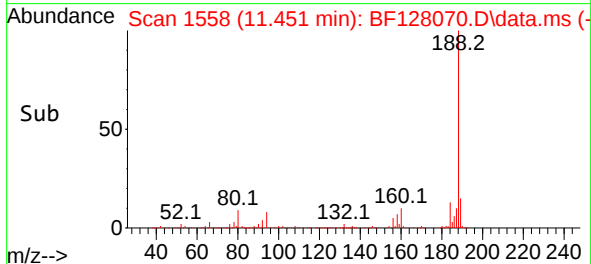
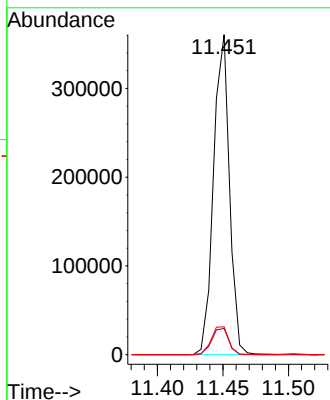
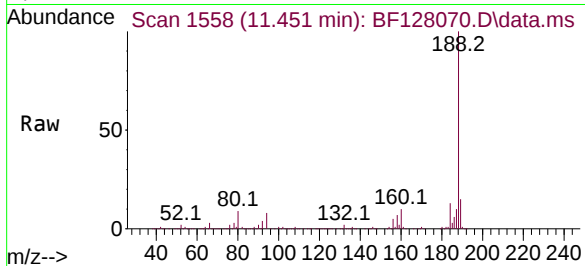




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128070.D
Acq: 04 May 2022 14:30

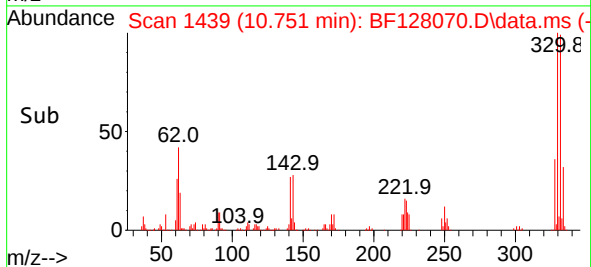
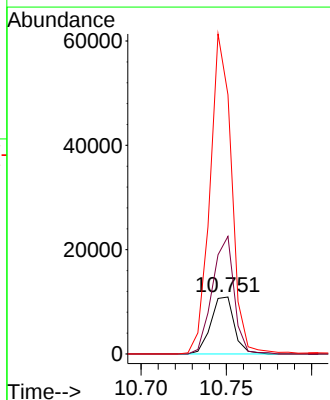
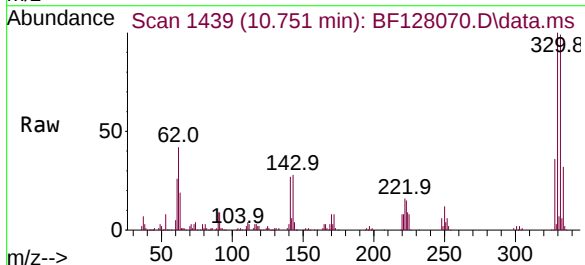
Instrument :
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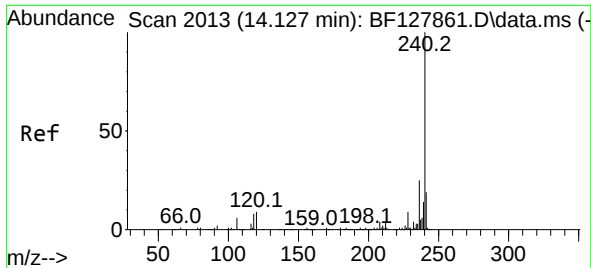
Tgt Ion:188 Resp: 303657
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 8.7 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 3.087 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.247 min
Lab File: BF128070.D
Acq: 04 May 2022 14:30

Tgt Ion:248 Resp: 10391
Ion Ratio Lower Upper
248 100
250 206.4 77.7 116.5#
141 455.2 65.6 98.4#

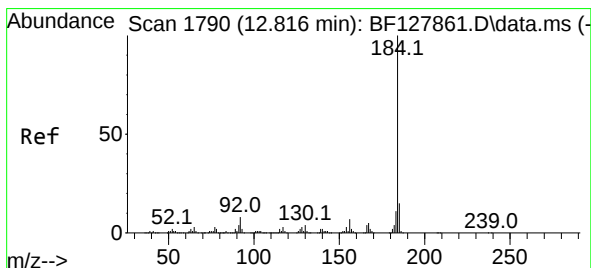
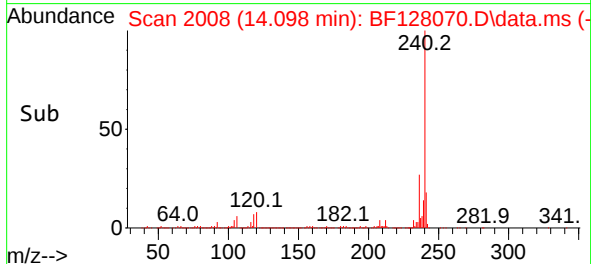
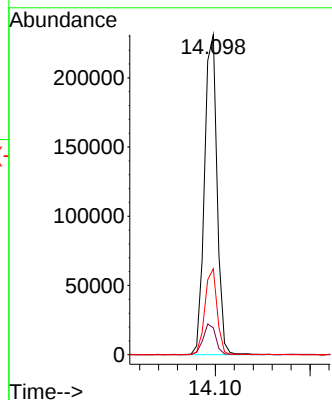
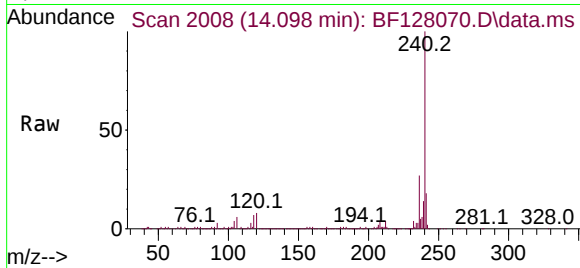




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128070.D
Acq: 04 May 2022 14:30

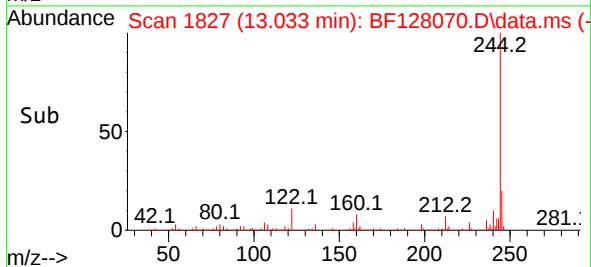
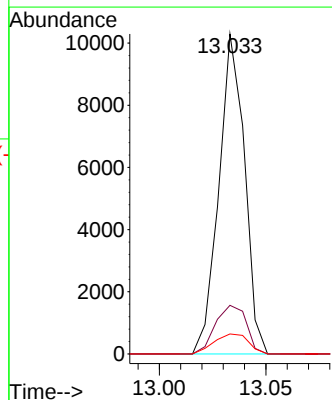
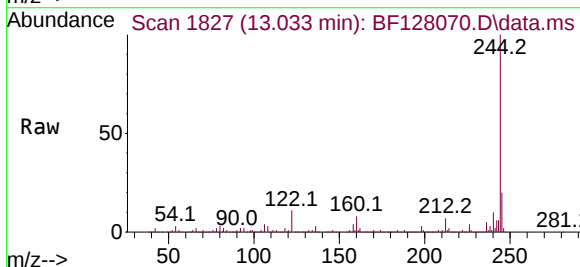
Instrument :
BNA_F
ClientSampleId :
SB-9,6

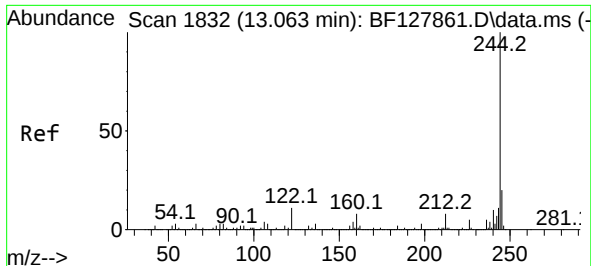
Tgt Ion:240 Resp: 213135
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 26.9 20.3 30.5



#77
Benzidine
Concen: 2.136 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.241 min
Lab File: BF128070.D
Acq: 04 May 2022 14:30

Tgt Ion:184 Resp: 8616
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 6.2 9.0 13.4#

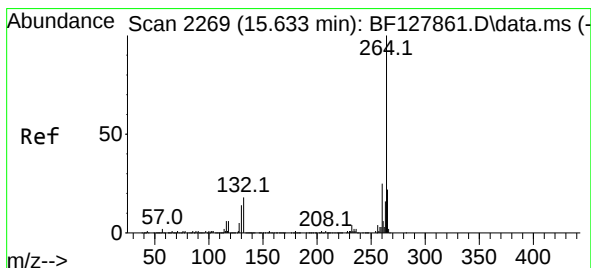
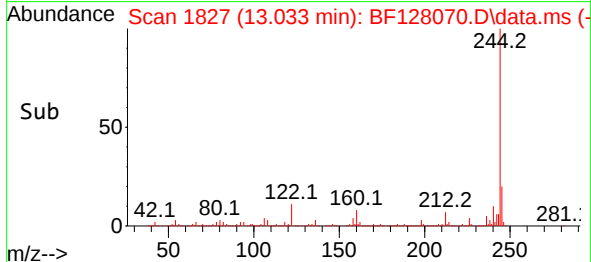
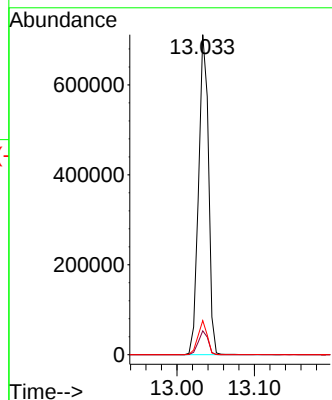
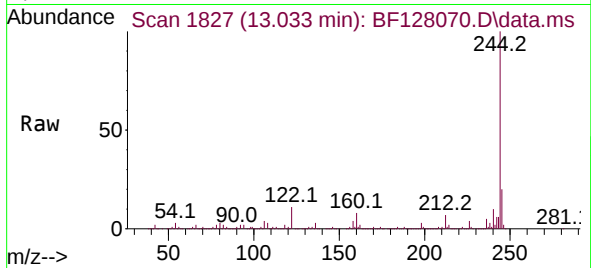




#79
 Terphenyl-d14
 Concen: 54.088 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. -0.012 min
 Lab File: BF128070.D
 Acq: 04 May 2022 14:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-9,6

Tgt Ion:244 Resp: 630445
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 10.6 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: BF128070.D
 Acq: 04 May 2022 14:30

Tgt Ion:264 Resp: 193507
 Ion Ratio Lower Upper
 264 100
 260 23.1 20.1 30.1
 265 20.1 17.5 26.3

