

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128077.D
 Acq On : 04 May 2022 17:51
 Operator : CG\JU
 Sample : N2665-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-9,12

Quant Time: May 05 06:06:03 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)

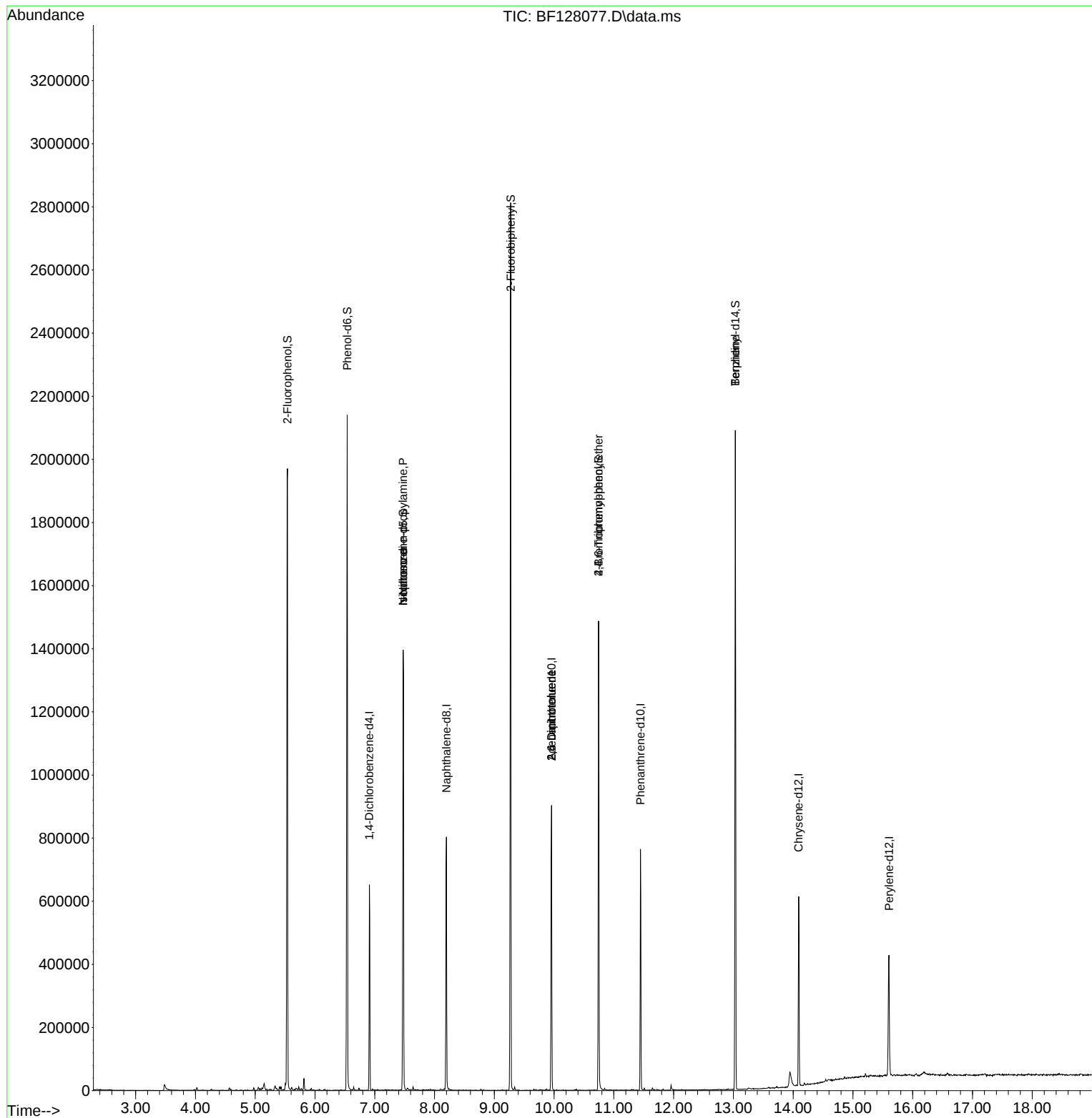
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	87632	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	343170	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	182848	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	273968	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	197614	20.000	ng	-0.01
86) Perylene-d12	15.604	264	181324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	524794	95.386	ng	0.00
7) Phenol-d6	6.540	99	695591	97.436	ng	-0.01
23) Nitrobenzene-d5	7.475	82	494186	67.718	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	165201	89.750	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	816019	75.500	ng	0.00
79) Terphenyl-d14	13.033	244	655028	60.611	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.475	70	66124	15.131	ng	# 81
25) Isophorone	7.475	82	494182	40.234	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	22827	8.598	ng	# 22
57) 2,4-Dinitrotoluene	9.957	165	22827	6.491	ng	# 26
67) 4-Bromophenyl-phenylether	10.745	248	10566	3.479	ng	# 1
77) Benizidine	13.033	184	9047	2.420	ng	# 91

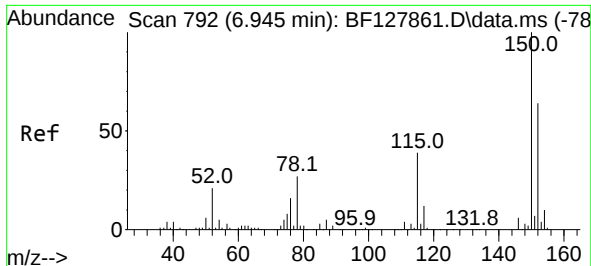
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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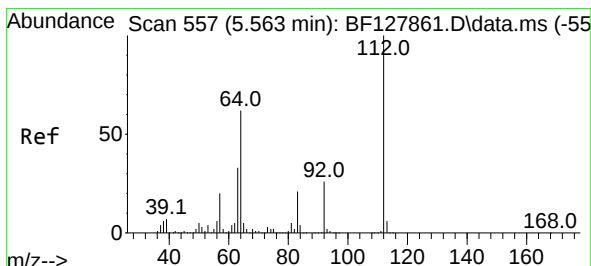
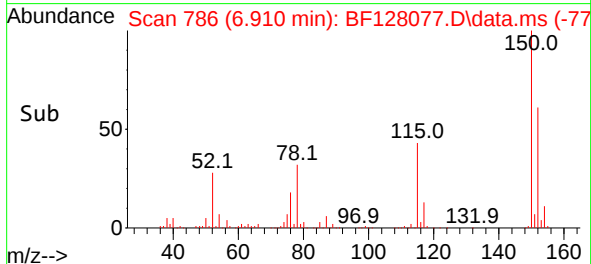
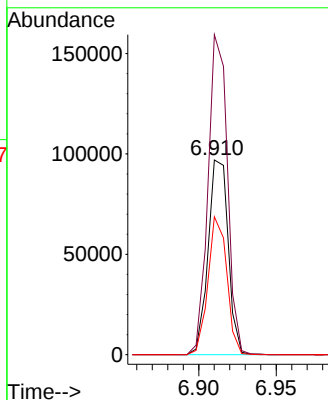
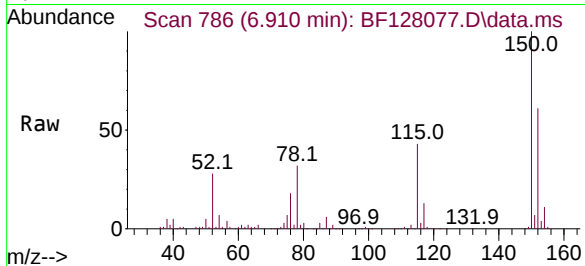




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

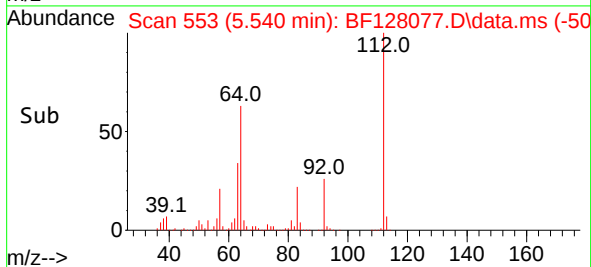
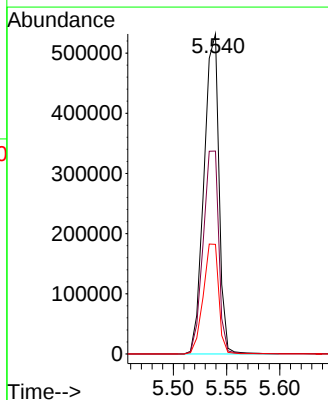
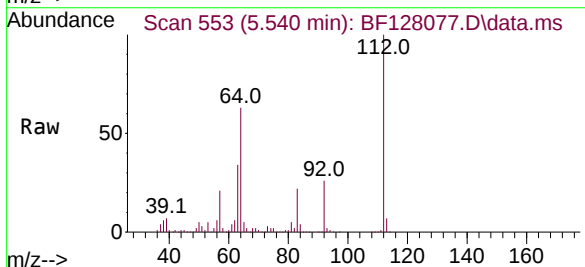
Instrument :
BNA_F
ClientSampleId :
SB-9,12

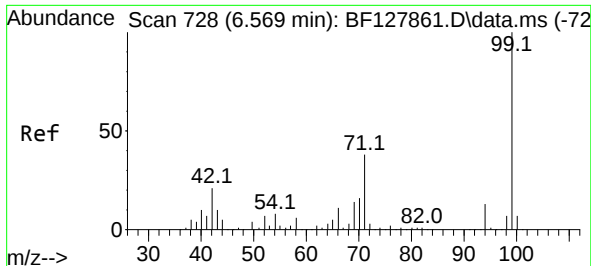
Tgt Ion:152 Resp: 87632
Ion Ratio Lower Upper
152 100
150 164.3 125.3 187.9
115 70.8 48.8 73.2



#5
2-Fluorophenol
Concen: 95.386 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

Tgt Ion:112 Resp: 524794
Ion Ratio Lower Upper
112 100
64 63.4 49.5 74.3
63 34.3 26.3 39.5

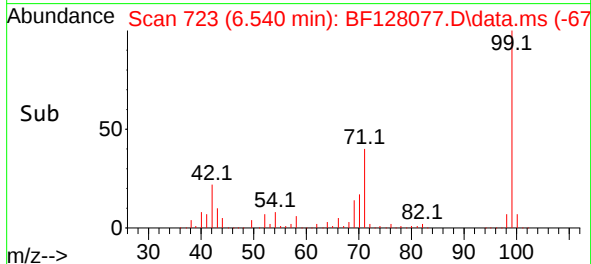
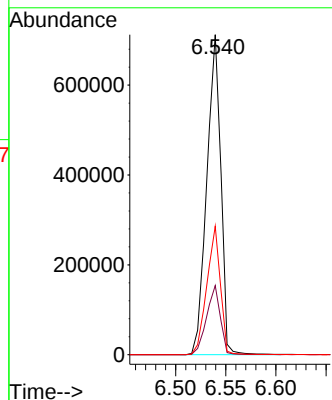
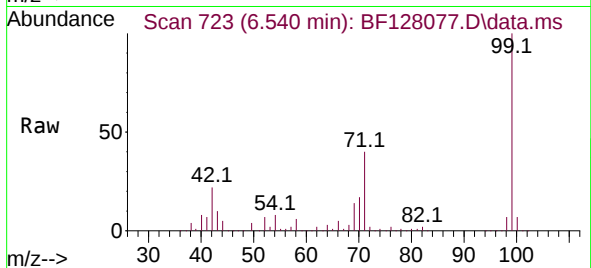




#7
Phenol-d6
Concen: 97.436 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

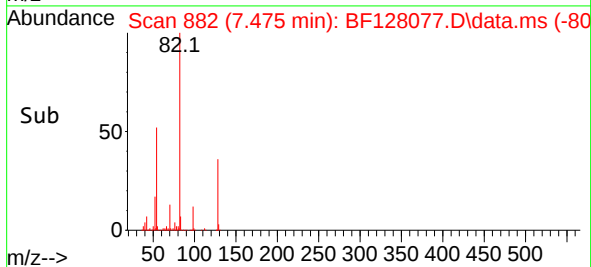
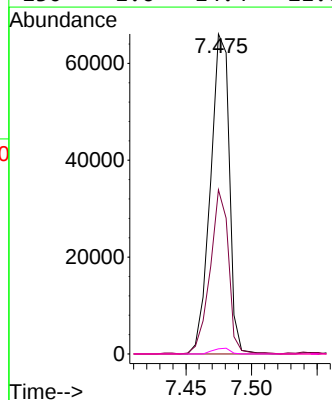
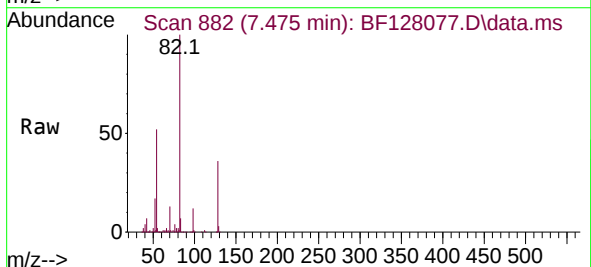
Instrument :
BNA_F
ClientSampleId :
SB-9,12

Tgt Ion: 99 Resp: 695591
Ion Ratio Lower Upper
99 100
42 21.6 16.6 24.8
71 40.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.131 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.141 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

Tgt Ion: 70 Resp: 66124
Ion Ratio Lower Upper
70 100
42 51.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

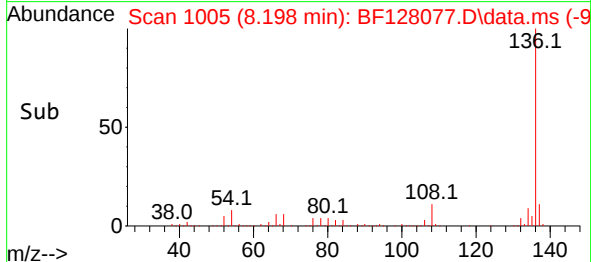
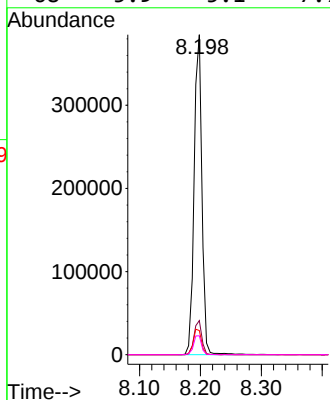
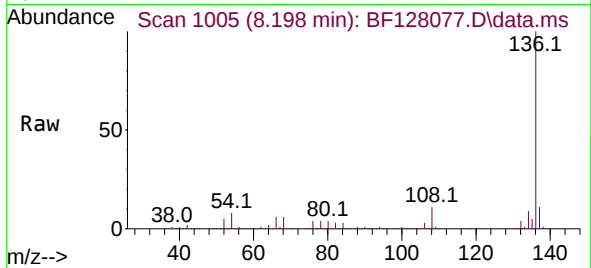




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

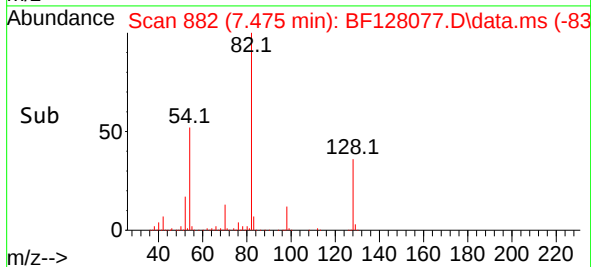
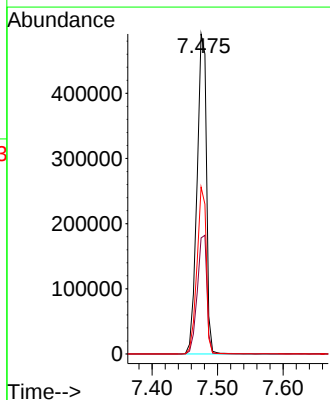
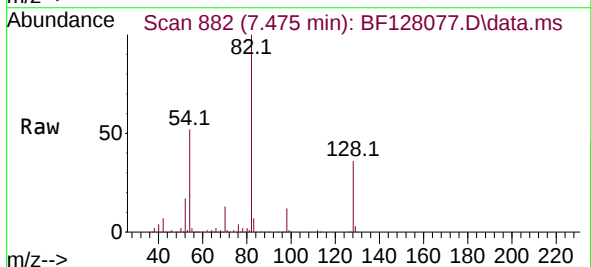
Instrument :
BNA_F
ClientSampleId :
SB-9,12

Tgt Ion:	136	Resp:	343170
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.6	6.8	10.2
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 67.718 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

Tgt Ion:	82	Resp:	494186
Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.0	45.0
54	52.1	41.3	61.9

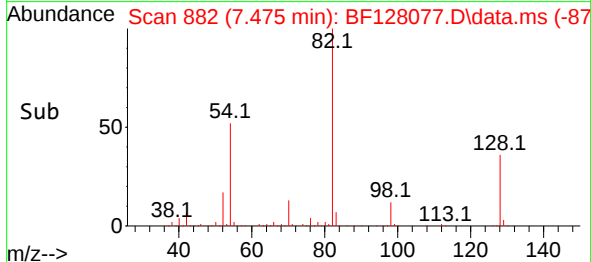
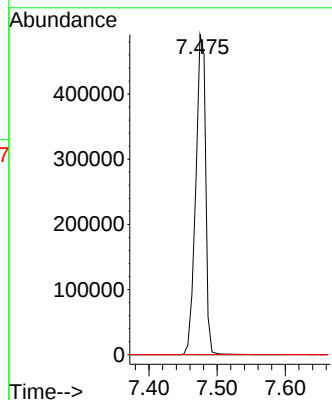
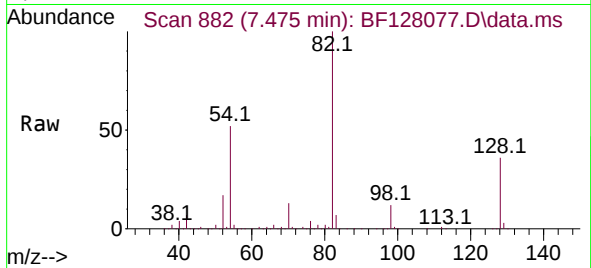




#25
Isophorone
Concen: 40.234 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

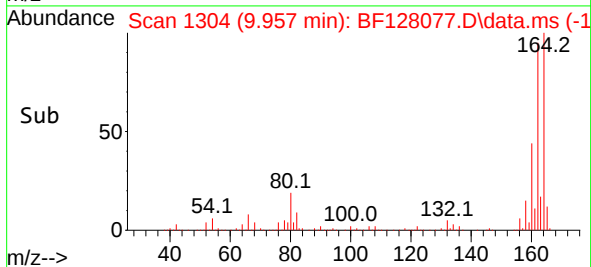
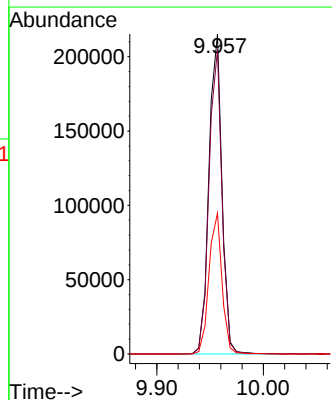
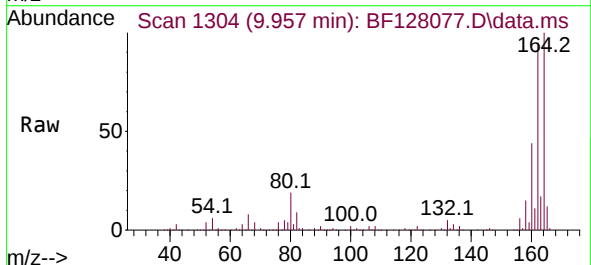
Instrument :
BNA_F
ClientSampleId :
SB-9,12

Tgt Ion: 82 Resp: 494182
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: BF128077.D
Acq: 04 May 2022 17:51

Tgt Ion: 164 Resp: 182848
Ion Ratio Lower Upper
164 100
162 95.1 76.0 114.0
160 44.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 89.750 ng

RT: 10.745 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF128077.D

Acq: 04 May 2022 17:51

Instrument :

BNA_F

ClientSampleId :

SB-9,12

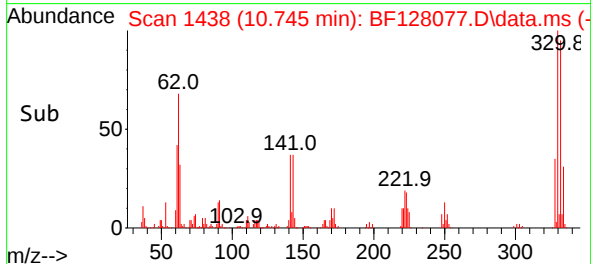
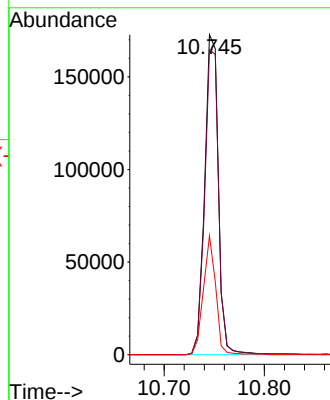
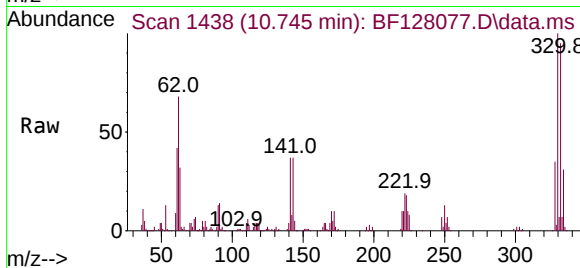
Tgt Ion:330 Resp: 165201

Ion Ratio Lower Upper

330 100

332 96.6 79.0 118.4

141 33.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 75.500 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128077.D

Acq: 04 May 2022 17:51

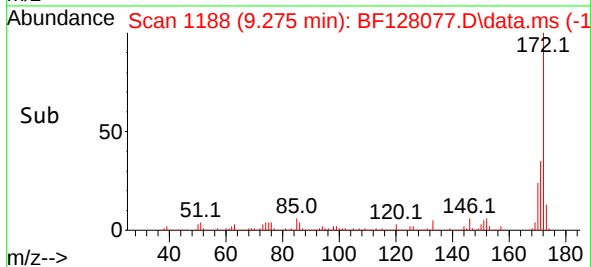
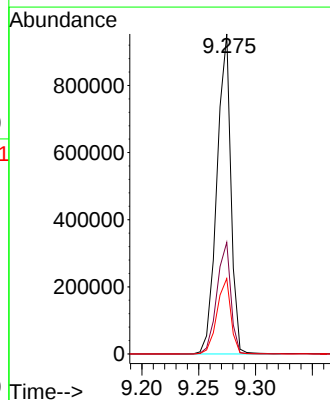
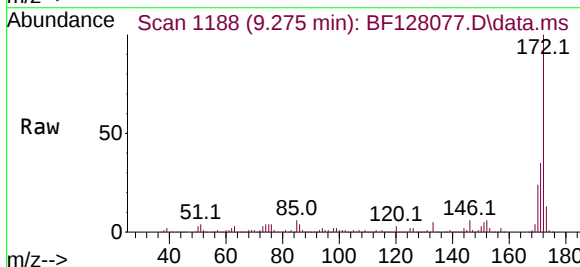
Tgt Ion:172 Resp: 816019

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.6 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.598 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128077.D

Acq: 04 May 2022 17:51

Instrument :

BNA_F

ClientSampleId :

SB-9,12

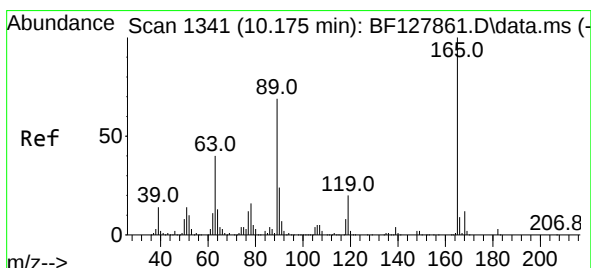
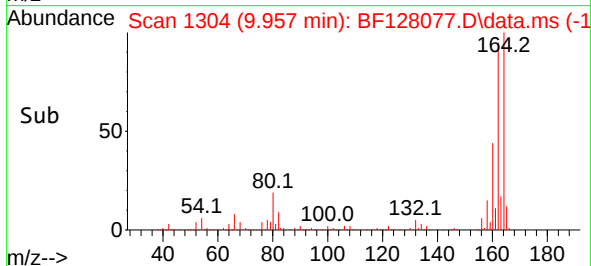
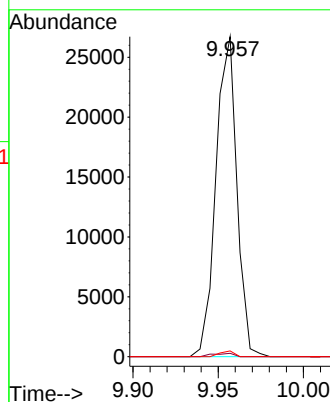
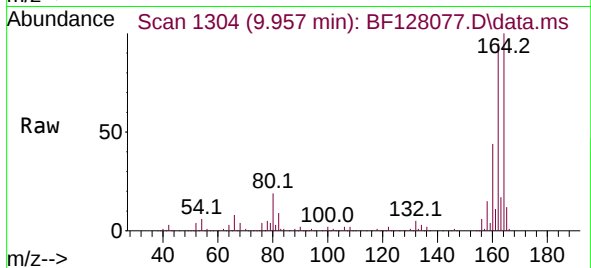
Tgt Ion:165 Resp: 22827

Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 1.8 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.491 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF128077.D

Acq: 04 May 2022 17:51

Tgt Ion:165 Resp: 22827

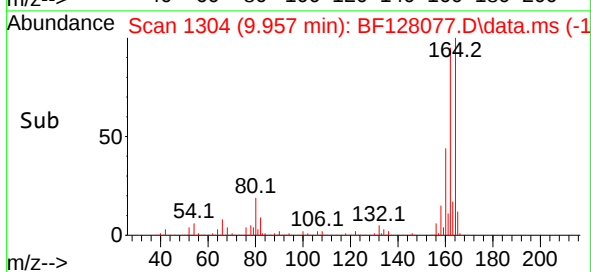
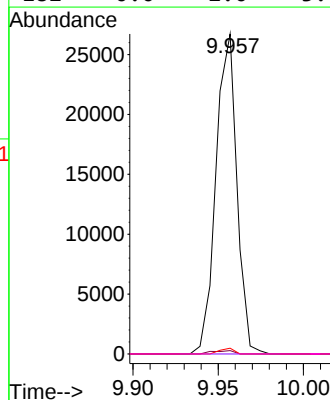
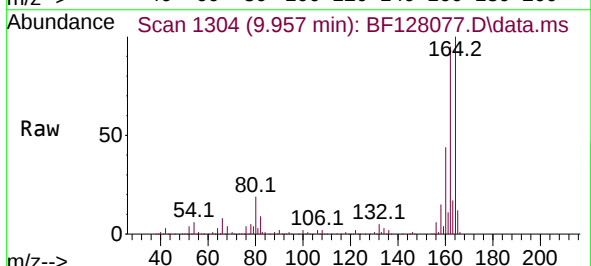
Ion Ratio Lower Upper

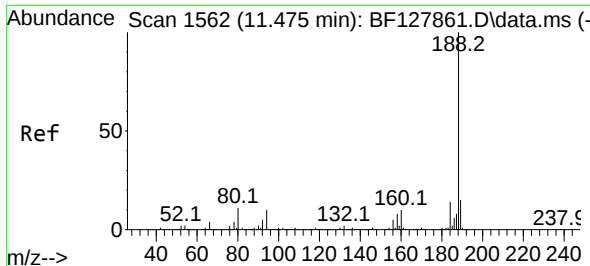
165 100

63 1.1 32.6 49.0#

89 1.8 55.2 82.8#

182 0.0 2.0 3.0#

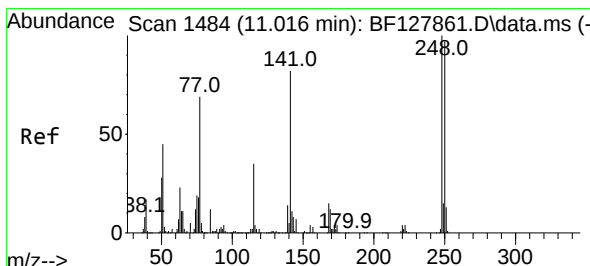
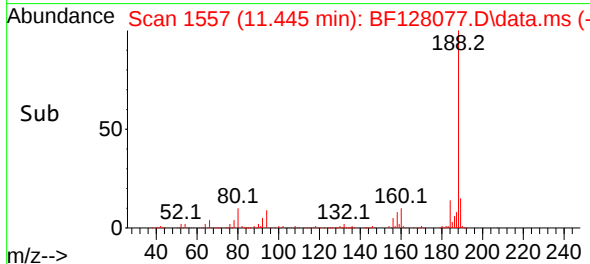
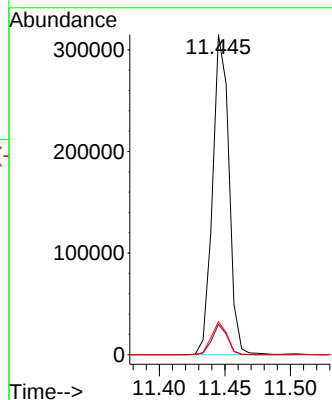
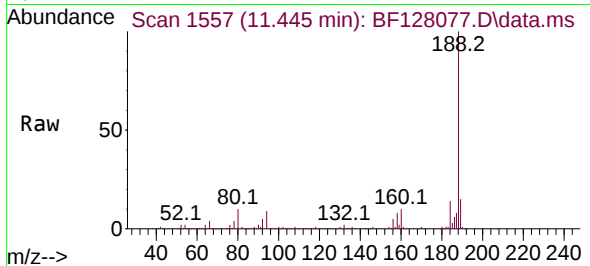




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

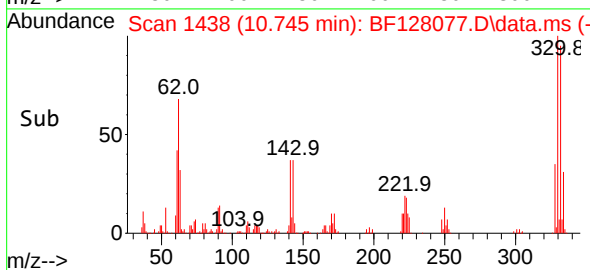
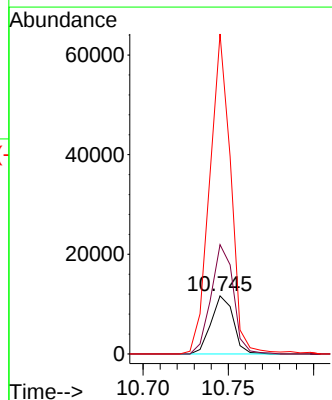
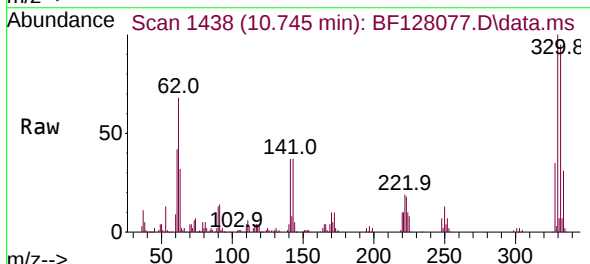
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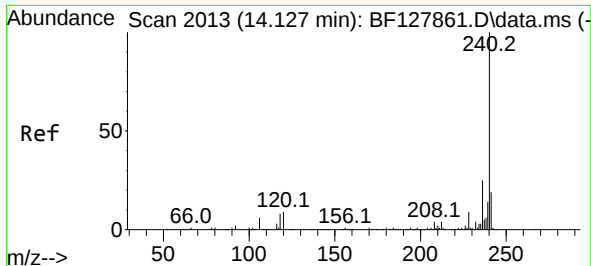
Tgt Ion:188 Resp: 273968
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.479 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.253 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

Tgt Ion:248 Resp: 10566
Ion Ratio Lower Upper
248 100
250 187.9 77.7 116.5#
141 550.4 65.6 98.4#

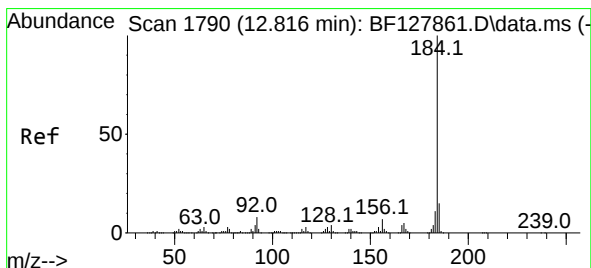
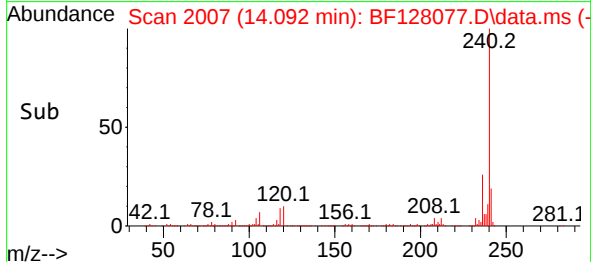
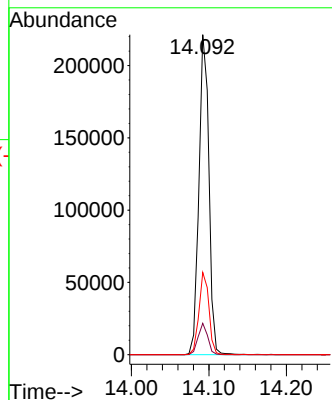
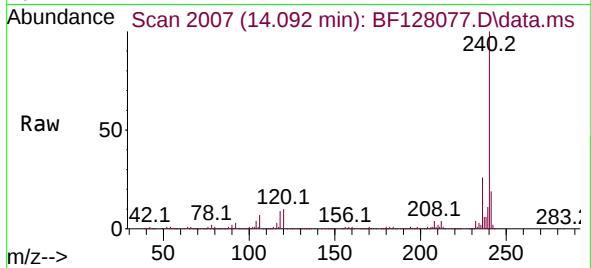




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

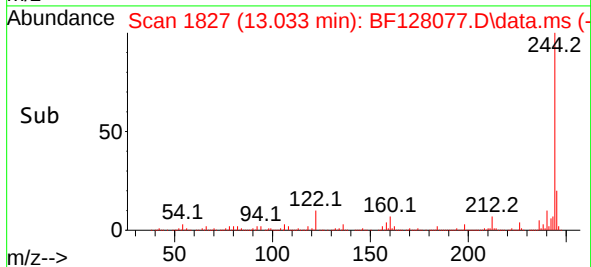
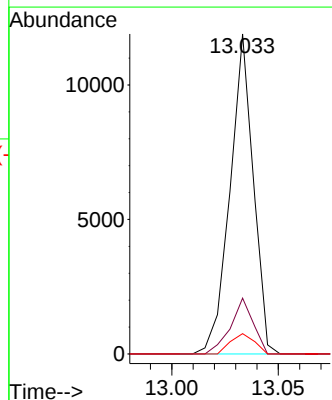
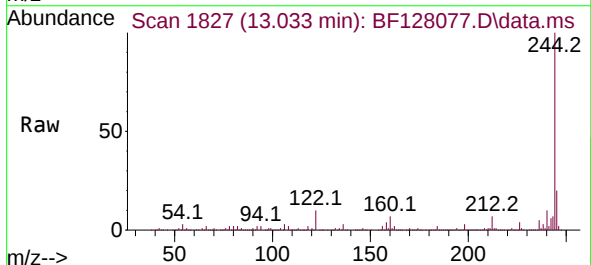
Instrument :
BNA_F
ClientSampleId :
SB-9,12

Tgt Ion:240 Resp: 197614
Ion Ratio Lower Upper
240 100
120 9.8 7.0 10.6
236 25.7 20.3 30.5



#77
Benzidine
Concen: 2.420 ng
RT: 13.033 min Scan# 1827
Delta R.T. 0.241 min
Lab File: BF128077.D
Acq: 04 May 2022 17:51

Tgt Ion:184 Resp: 9047
Ion Ratio Lower Upper
184 100
185 17.5 12.1 18.1
183 6.4 9.0 13.4#

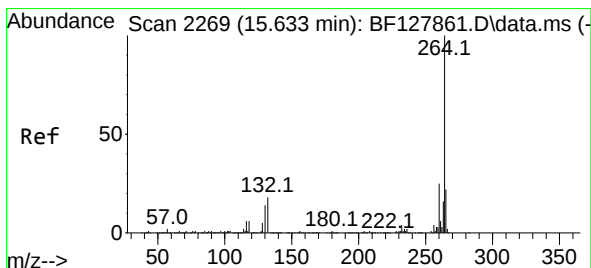
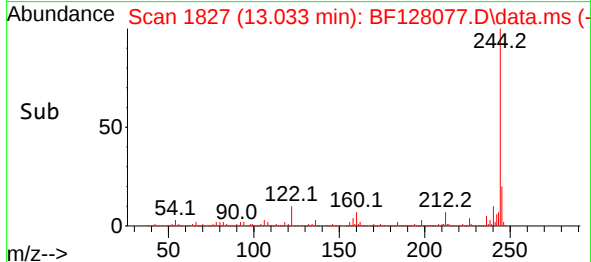
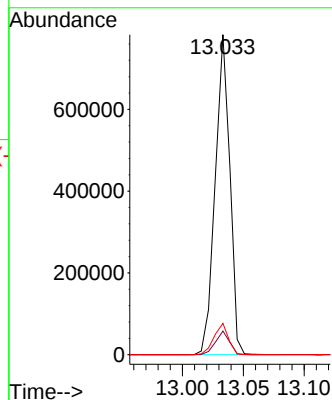
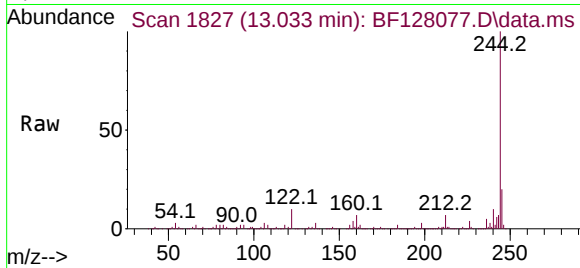




#79
 Terphenyl-d14
 Concen: 60.611 ng
 RT: 13.033 min Scan# 1827
 Delta R.T. -0.012 min
 Lab File: BF128077.D
 Acq: 04 May 2022 17:51

Instrument :
 BNA_F
 ClientSampleId :
 SB-9,12

Tgt Ion:244 Resp: 655028
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.8 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: BF128077.D
 Acq: 04 May 2022 17:51

Tgt Ion:264 Resp: 181324
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 20.7 17.5 26.3

