

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128264.D
 Acq On : 16 May 2022 13:10
 Operator : CG\JU
 Sample : N2852-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-725

Quant Time: May 16 15:31:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

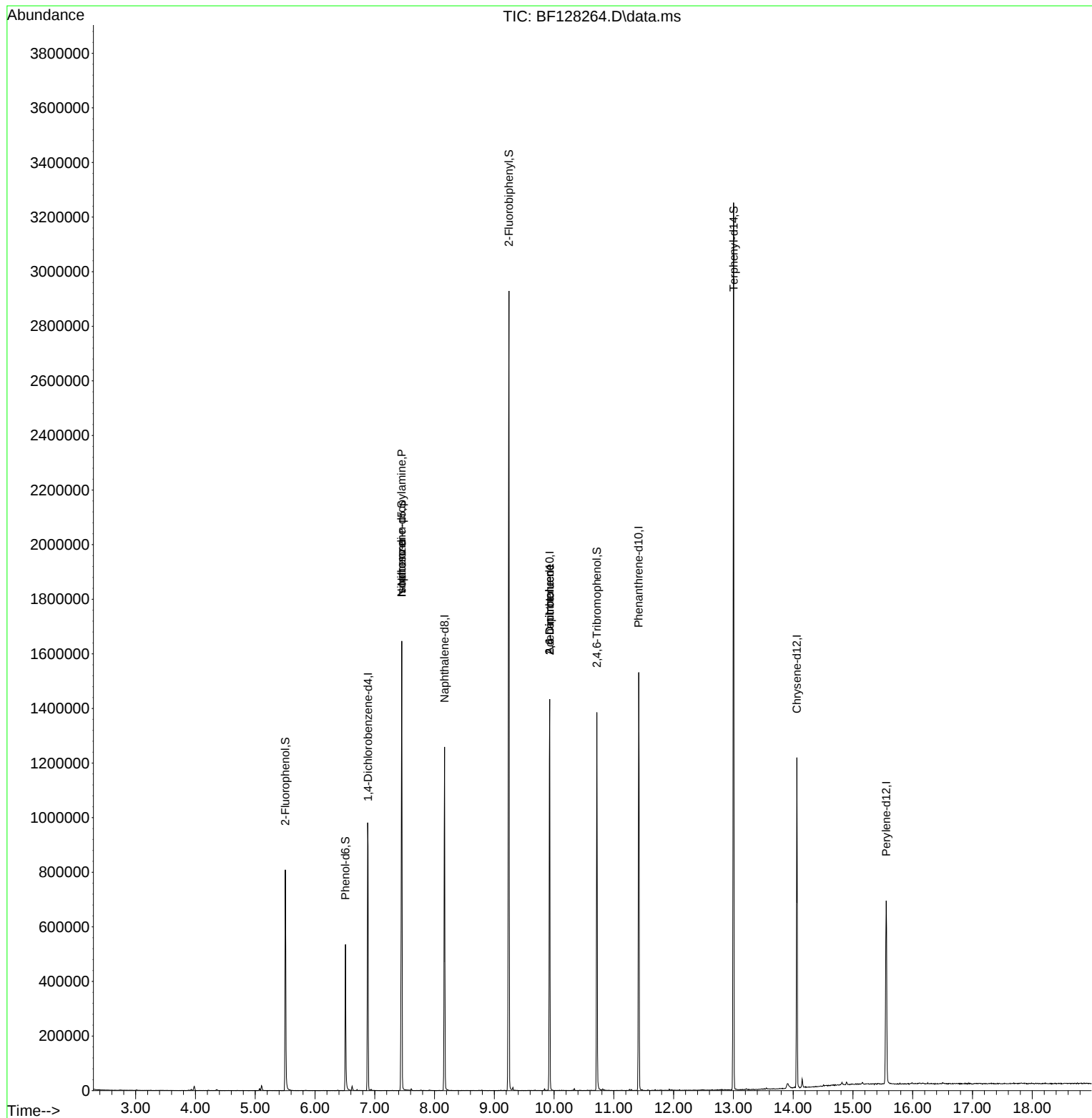
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	135557	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	514824	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	294656	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	552732	20.000	ng	0.00
76) Chrysene-d12	14.063	240	406825	20.000	ng	0.00
86) Perylene-d12	15.557	264	320573	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	192486	22.636	ng	0.00
7) Phenol-d6	6.510	99	153959	13.689	ng	-0.02
23) Nitrobenzene-d5	7.451	82	550972	48.156	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	147139	43.541	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	875082	46.469	ng	0.00
79) Terphenyl-d14	13.004	244	1058232	48.809	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	378	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.451	70	74834	10.804	ng	# 80
25) Isophorone	7.451	82	549275	30.622	ng	# 68
51) 2,6-Dinitrotoluene	9.928	165	38189	9.156	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	38189	6.847	ng	# 26

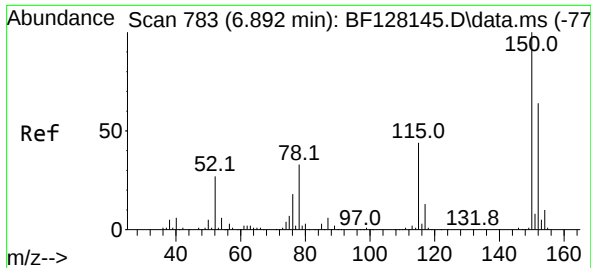
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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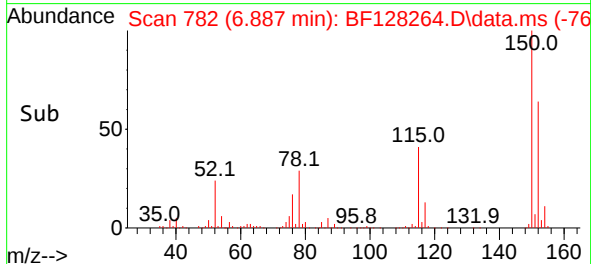
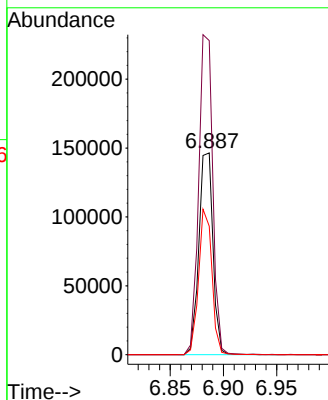
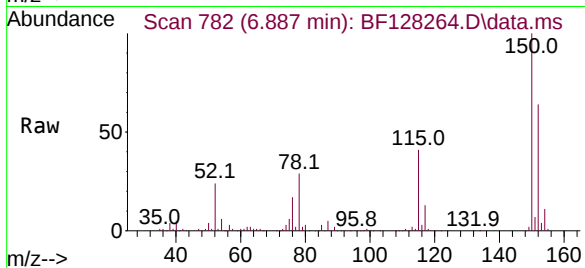




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

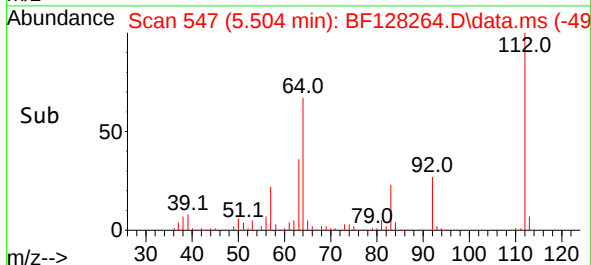
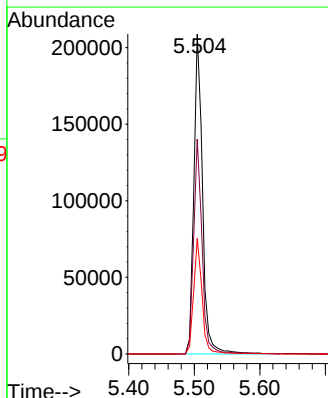
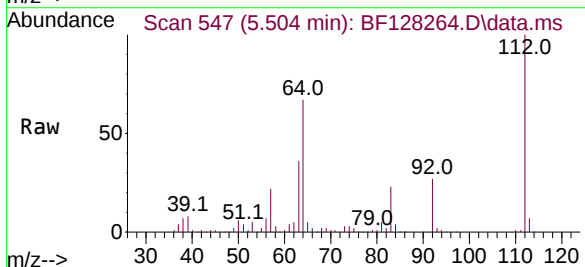
Instrument :
BNA_F
ClientSampleId :
MH-725

Tgt Ion:152 Resp: 135557
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 63.7 48.8 73.2



#5
2-Fluorophenol
Concen: 22.636 ng
RT: 5.504 min Scan# 547
Delta R.T. -0.006 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

Tgt Ion:112 Resp: 192486
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 36.1 26.3 39.5

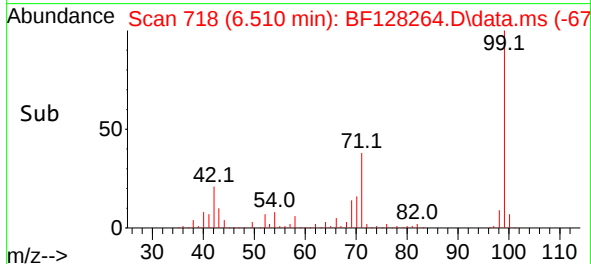
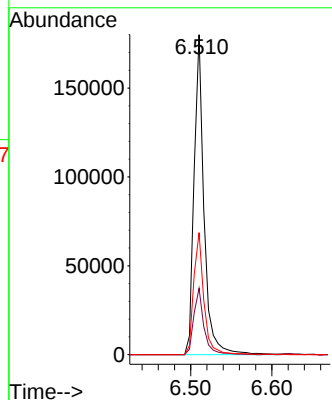
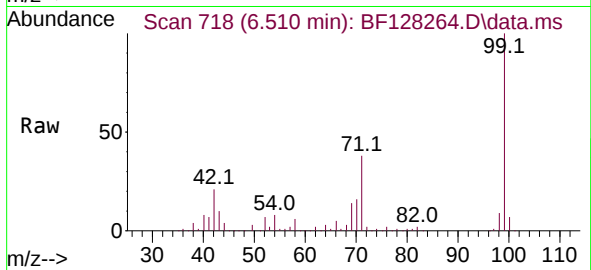




#7
Phenol-d6
Concen: 13.689 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

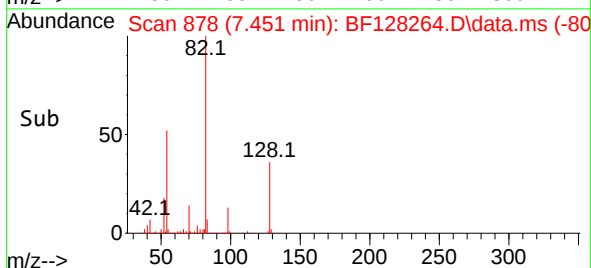
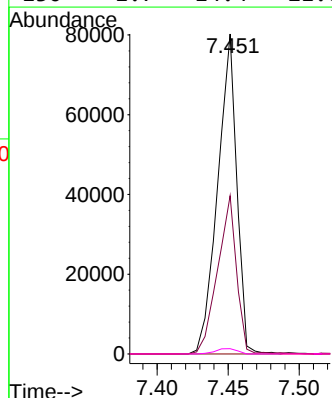
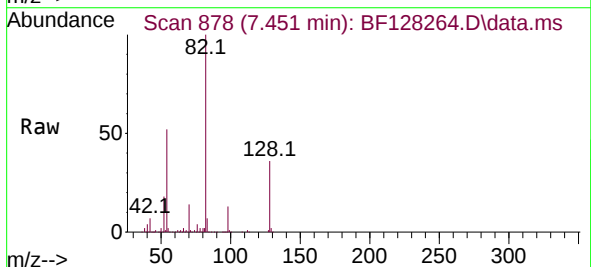
Instrument :
BNA_F
ClientSampleId :
MH-725

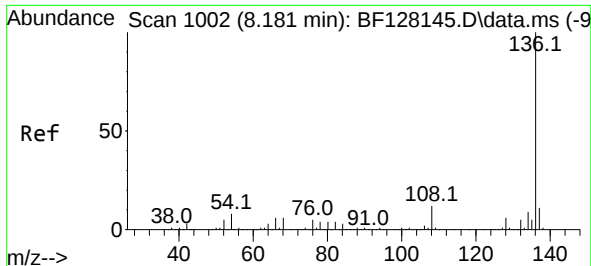
Tgt Ion: 99 Resp: 153959
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 38.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.804 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

Tgt Ion: 70 Resp: 74834
Ion Ratio Lower Upper
70 100
42 49.5 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

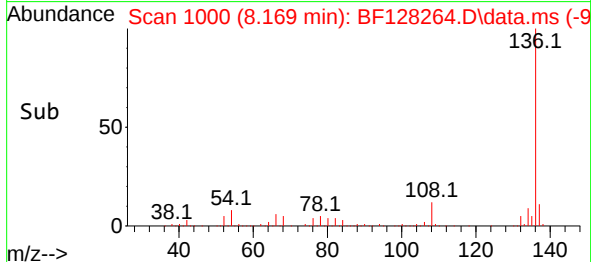
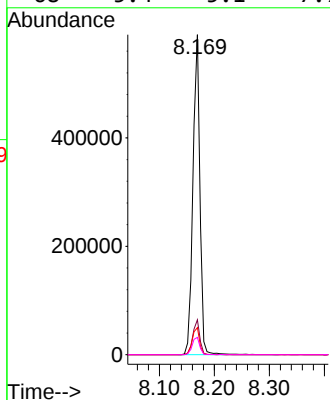
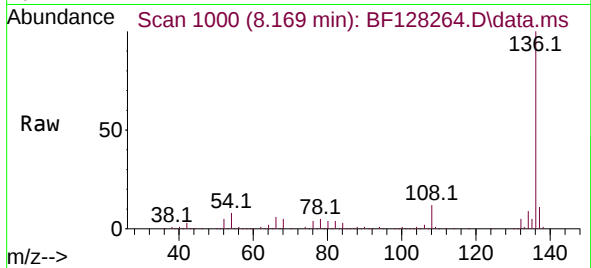




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

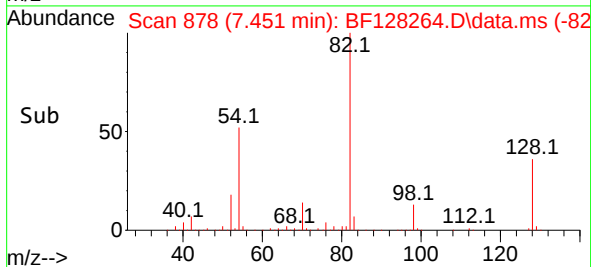
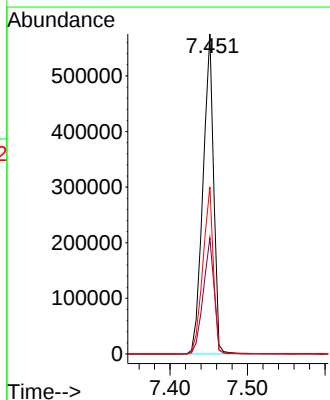
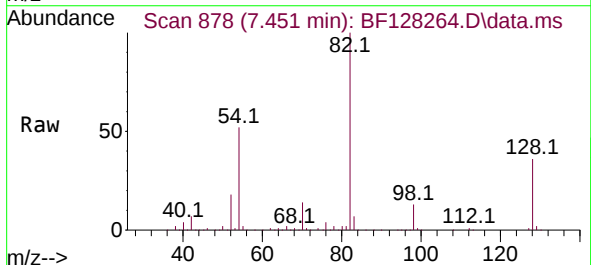
Instrument :
BNA_F
ClientSampleId :
MH-725

Tgt Ion:136	Resp: 514824
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 8.4	6.8 10.2
68 5.4	5.1 7.7



#23
Nitrobenzene-d5
Concen: 48.156 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

Tgt Ion: 82	Resp: 550972
Ion Ratio	Lower Upper
82 100	
128 36.3	30.0 45.0
54 52.2	41.3 61.9

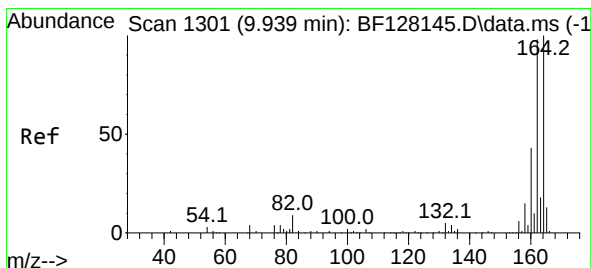
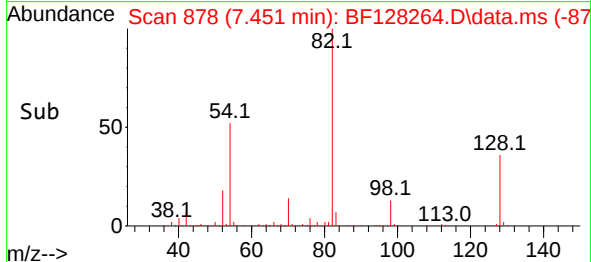
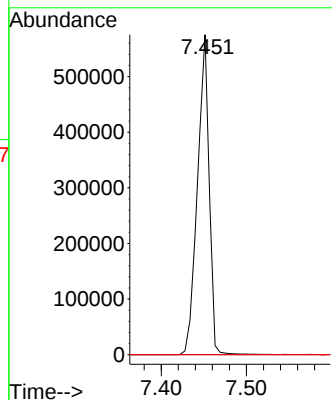
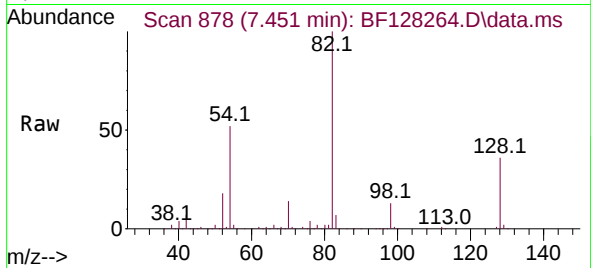




#25
Isophorone
Concen: 30.622 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

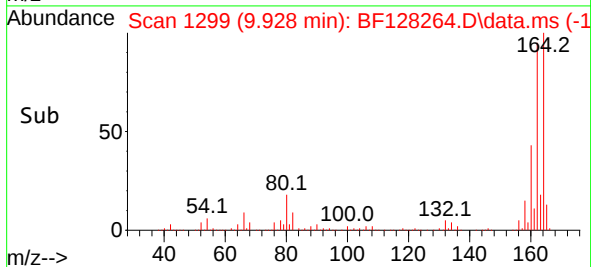
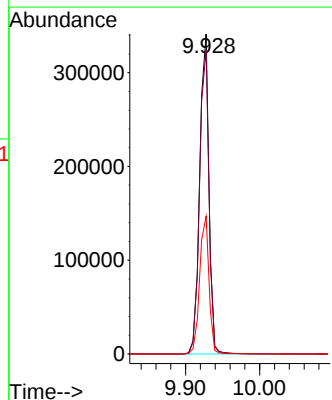
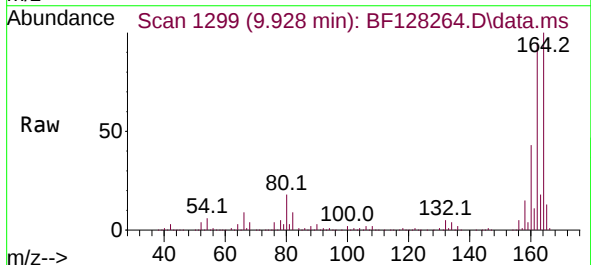
Instrument :
BNA_F
ClientSampleId :
MH-725

Tgt Ion: 82 Resp: 549275
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: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

Tgt Ion: 164 Resp: 294656
Ion Ratio Lower Upper
164 100
162 95.0 76.0 114.0
160 43.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 43.541 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128264.D

Acq: 16 May 2022 13:10

Instrument :

BNA_F

ClientSampleId :

MH-725

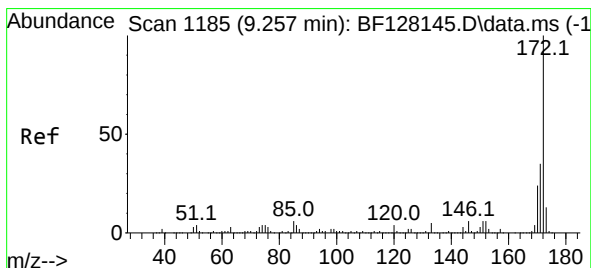
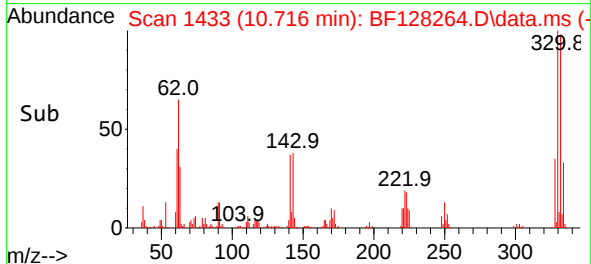
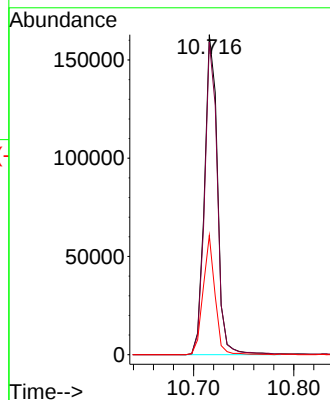
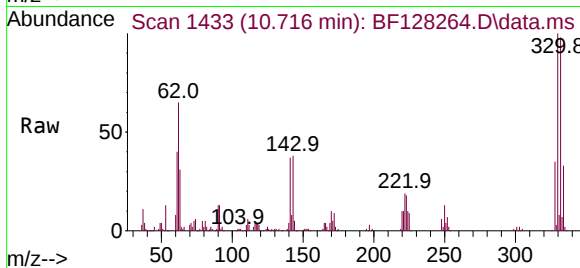
Tgt Ion:330 Resp: 147139

Ion Ratio Lower Upper

330 100

332 96.7 79.0 118.4

141 34.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 46.469 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128264.D

Acq: 16 May 2022 13:10

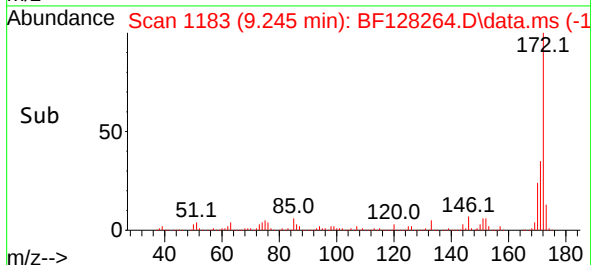
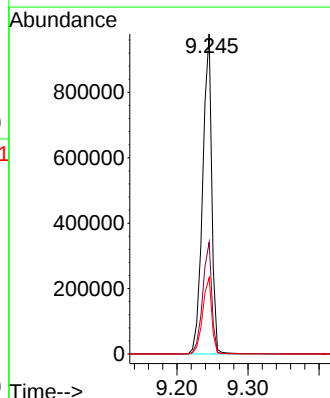
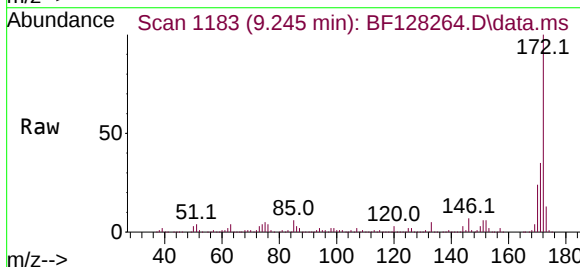
Tgt Ion:172 Resp: 875082

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.9 19.1 28.7

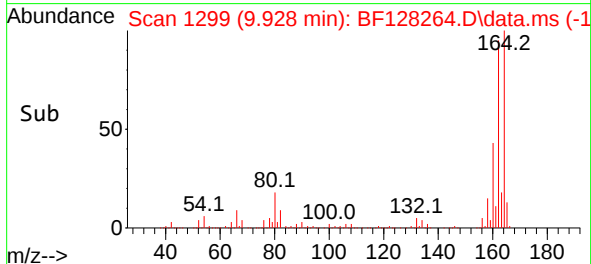
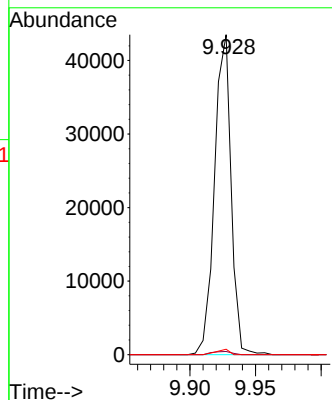
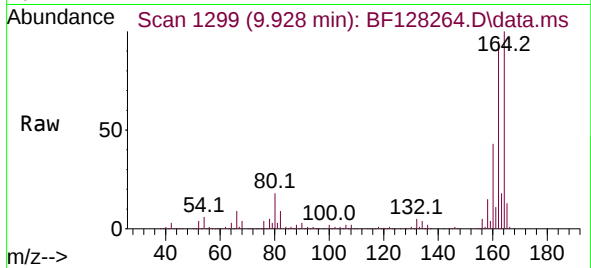




#51
2,6-Dinitrotoluene
Concen: 9.156 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

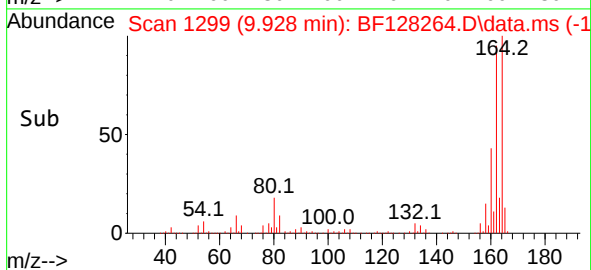
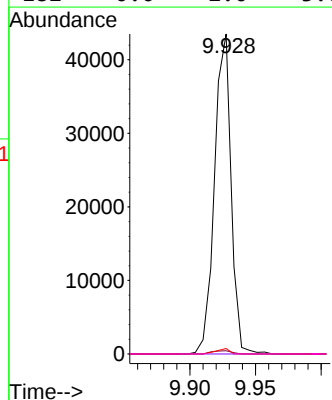
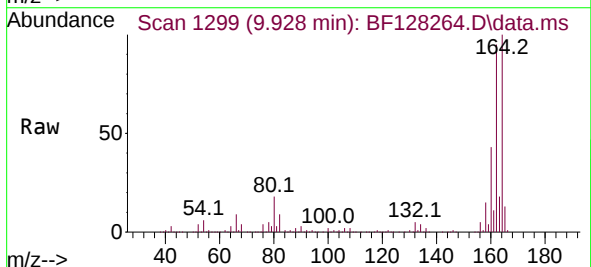
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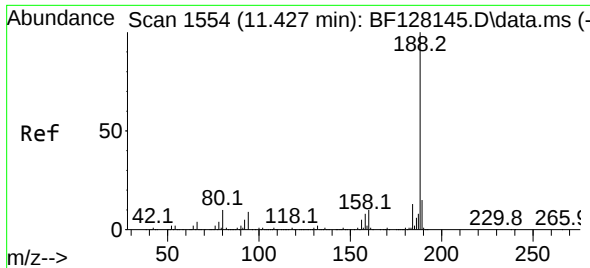
Tgt Ion:165 Resp: 38189
Ion Ratio Lower Upper
165 100
63 1.0 49.5 74.3#
89 1.7 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.847 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

Tgt Ion:165 Resp: 38189
Ion Ratio Lower Upper
165 100
63 1.0 32.6 49.0#
89 1.7 55.2 82.8#
182 0.0 2.0 3.0#

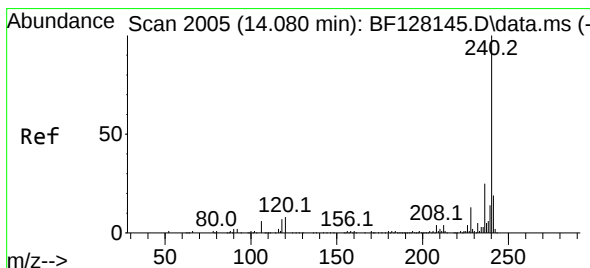
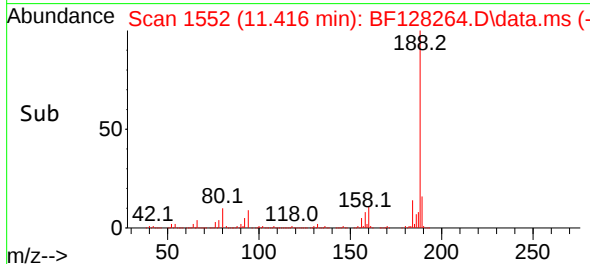
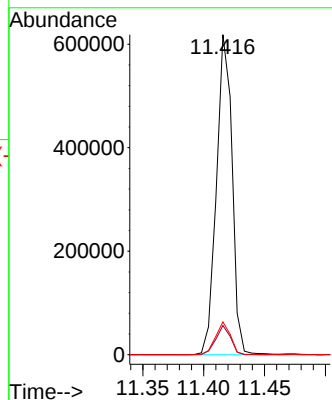
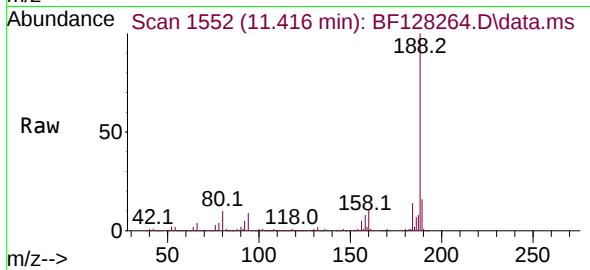




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

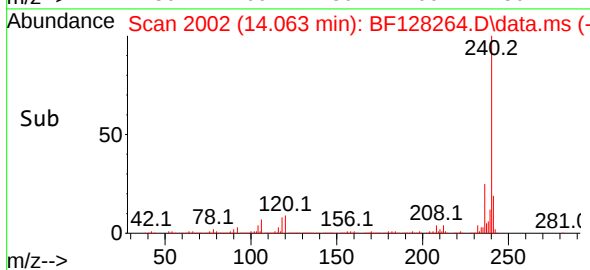
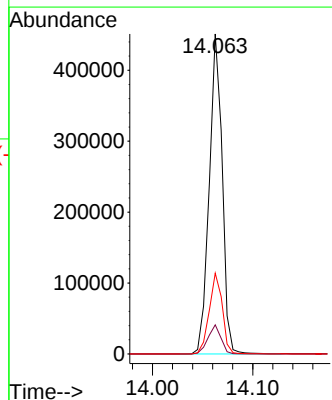
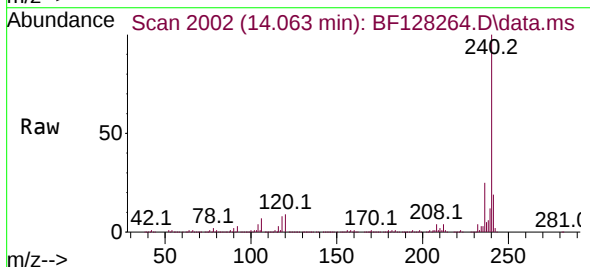
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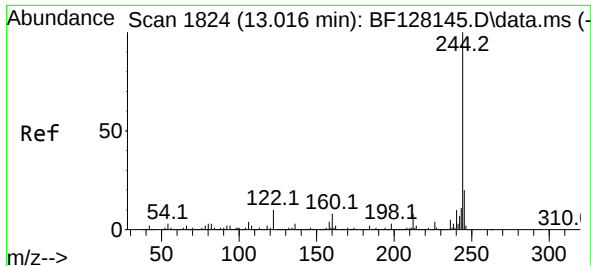
Tgt Ion:188 Resp: 552732
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.3 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128264.D
Acq: 16 May 2022 13:10

Tgt Ion:240 Resp: 406825
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 25.2 20.3 30.5

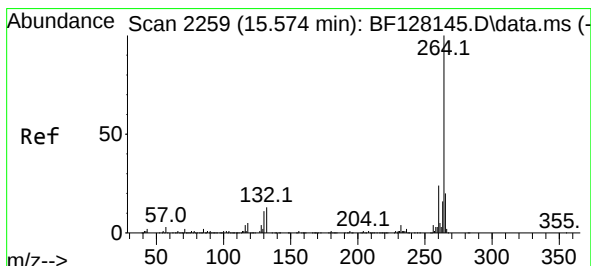
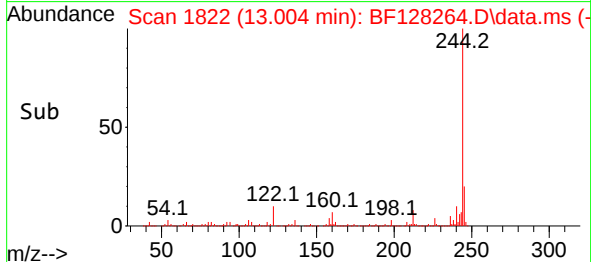
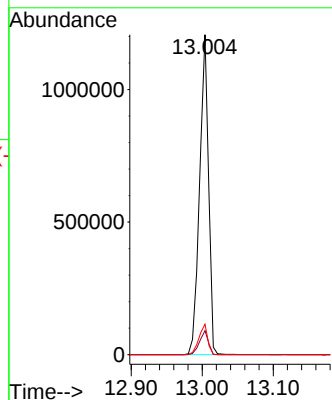
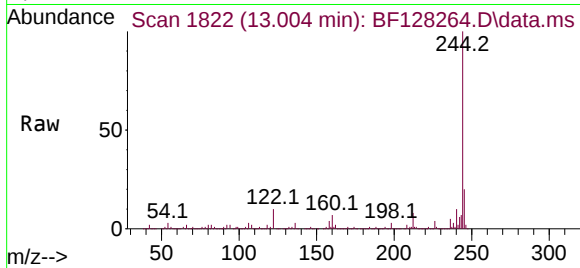




#79
 Terphenyl-d14
 Concen: 48.809 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128264.D
 Acq: 16 May 2022 13:10

Instrument :
 BNA_F
 ClientSampleId :
 MH-725

Tgt Ion:244 Resp: 1058232
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2256
 Delta R.T. -0.006 min
 Lab File: BF128264.D
 Acq: 16 May 2022 13:10

Tgt Ion:264 Resp: 320573
 Ion Ratio Lower Upper
 264 100
 260 23.7 20.1 30.1
 265 21.4 17.5 26.3

