

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042522\
 Data File : BF127876.D
 Acq On : 25 Apr 2022 13:08
 Operator : CG\JU
 Sample : N2526-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-3S

Quant Time: Apr 25 16:56:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

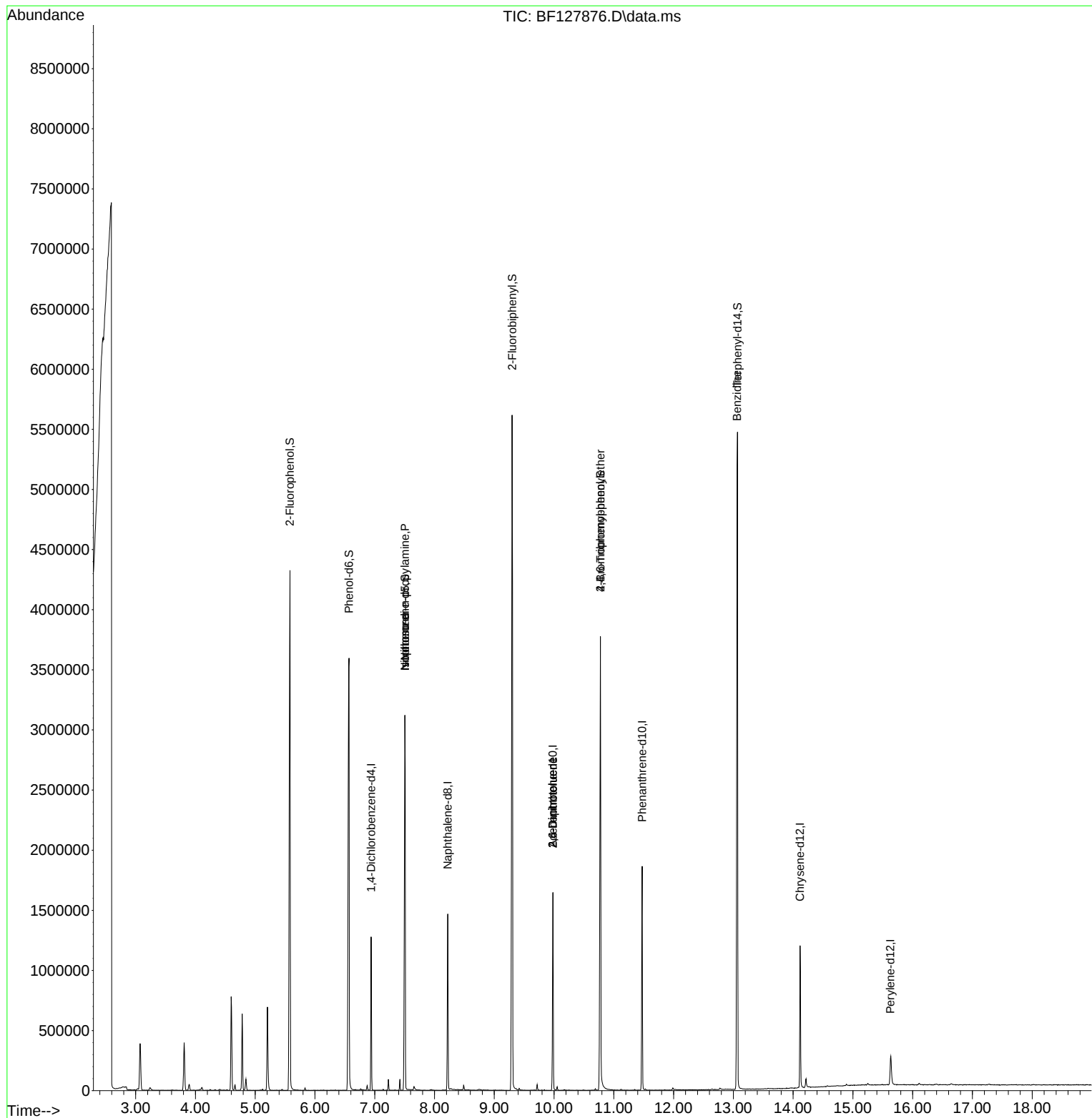
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	161037	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	633298	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	335512	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	662506	20.000	ng	0.00
76) Chrysene-d12	14.116	240	397275	20.000	ng	#-0.01
86) Perylene-d12	15.627	264	85652	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1227335	121.393	ng	0.02
7) Phenol-d6	6.569	99	1442547	109.959	ng	0.00
23) Nitrobenzene-d5	7.504	82	1237042	91.854	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	503374	149.038	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1961750	98.917	ng	0.00
79) Terphenyl-d14	13.069	244	2237058	102.966	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.504	70	168360	20.965	ng	# 80
25) Isophorone	7.504	82	1237031	54.575	ng	# 68
51) 2,6-Dinitrotoluene	9.981	165	43320	8.892	ng	# 21
57) 2,4-Dinitrotoluene	9.981	165	43320	6.713	ng	# 26
67) 4-Bromophenyl-phenylether	10.775	248	30656	4.174	ng	# 1
77) Benzidine	13.063	184	31631	4.208	ng	# 95

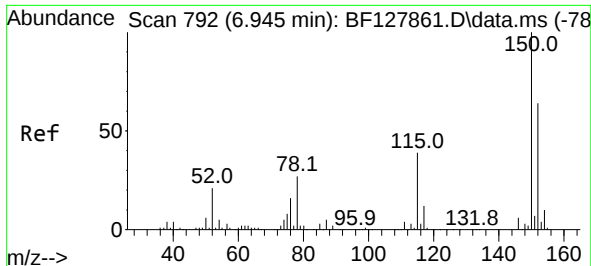
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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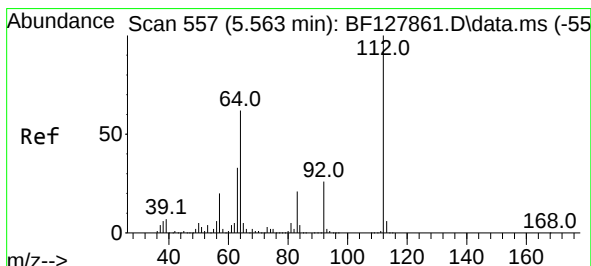
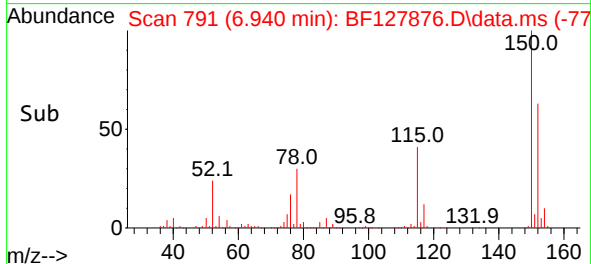
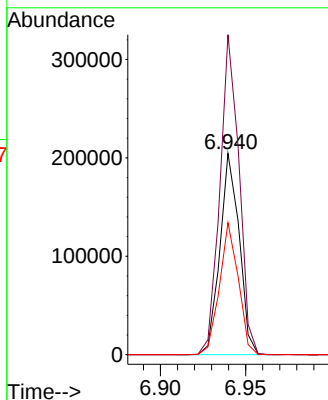
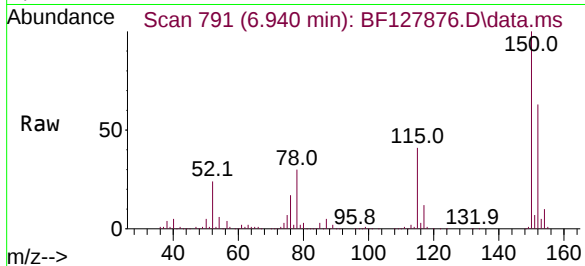




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 791
Delta R.T. -0.005 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

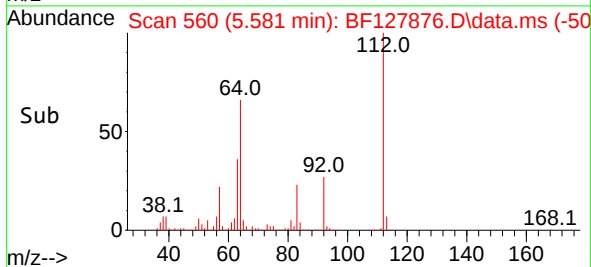
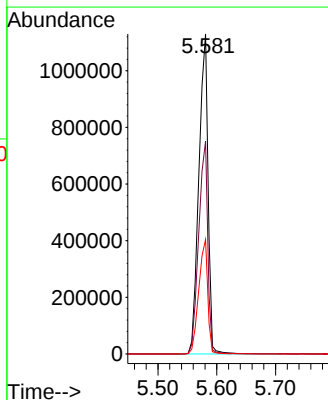
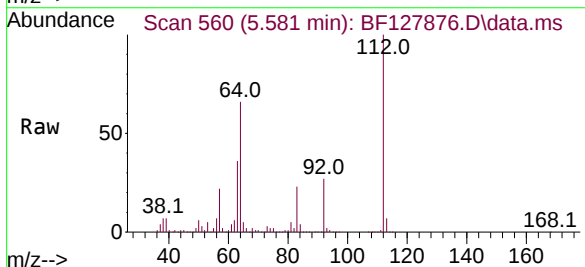
Instrument :
BNA_F
ClientSampleId :
MH-3S

Tgt Ion:152 Resp: 161037
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 65.6 48.8 73.2



#5
2-Fluorophenol
Concen: 121.393 ng
RT: 5.581 min Scan# 560
Delta R.T. 0.018 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

Tgt Ion:112 Resp: 1227335
Ion Ratio Lower Upper
112 100
64 66.5 49.5 74.3
63 35.8 26.3 39.5

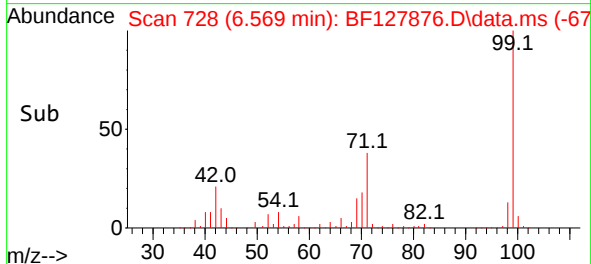
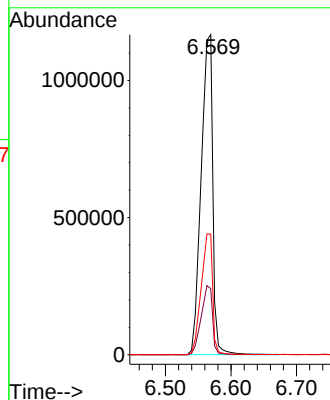
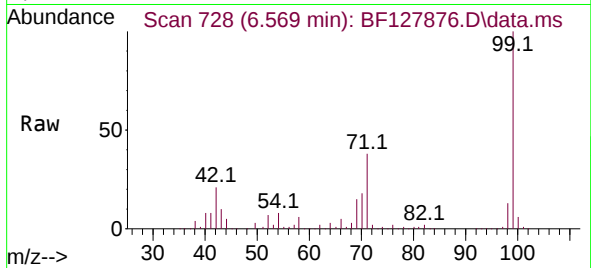




#7
Phenol-d6
Concen: 109.959 ng
RT: 6.569 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

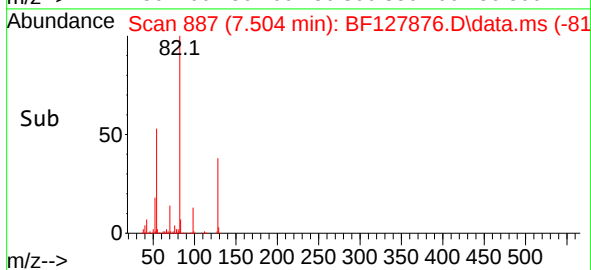
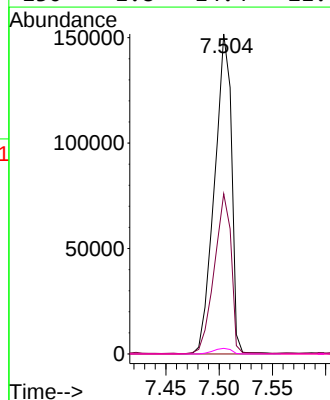
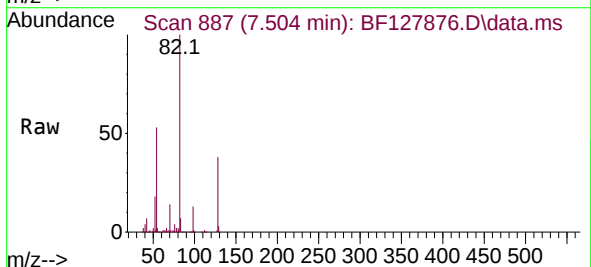
Instrument :
BNA_F
ClientSampleId :
MH-3S

Tgt Ion: 99 Resp: 1442547
Ion Ratio Lower Upper
99 100
42 20.7 16.6 24.8
71 37.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.965 ng
RT: 7.504 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

Tgt Ion: 70 Resp: 168360
Ion Ratio Lower Upper
70 100
42 50.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

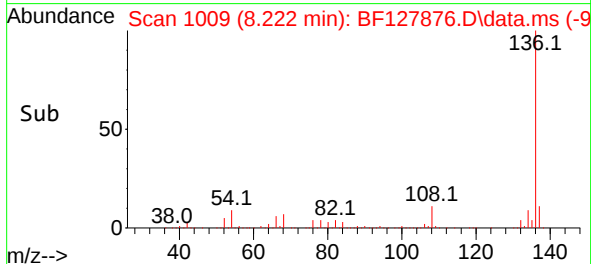
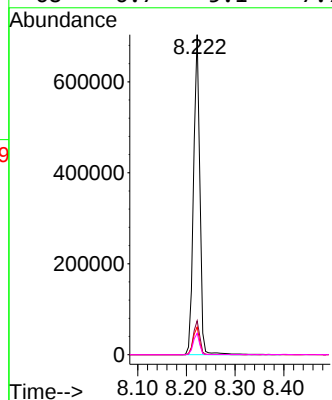
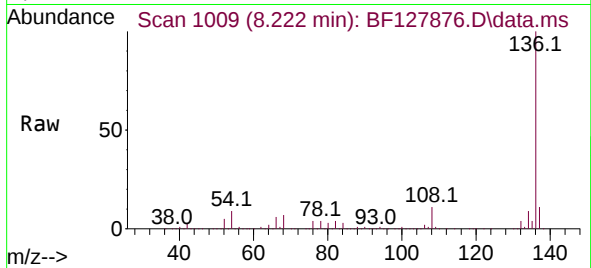




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

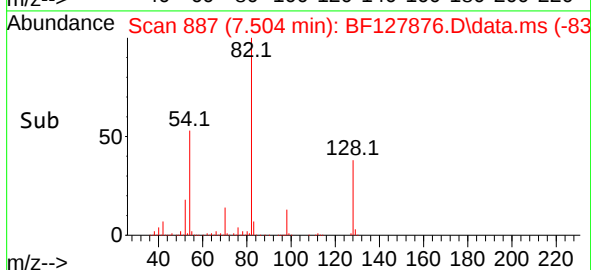
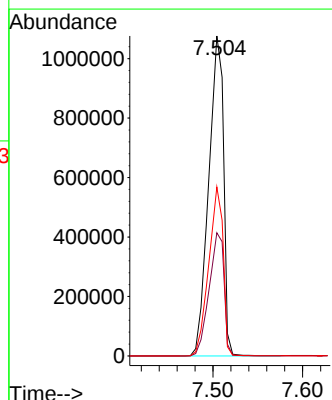
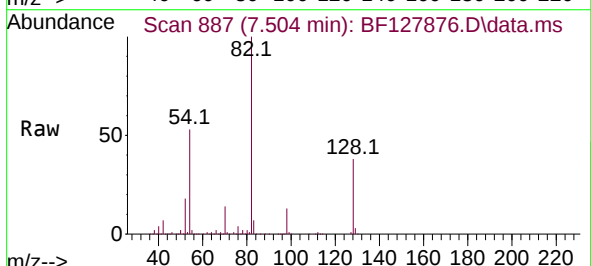
Instrument :
BNA_F
ClientSampleId :
MH-3S

Tgt Ion:136	Resp: 633298		
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.7	6.8	10.2
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 91.854 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

Tgt Ion: 82		Resp: 1237042	
Ion	Ratio	Lower	Upper
82	100		
128	38.5	30.0	45.0
54	52.8	41.3	61.9

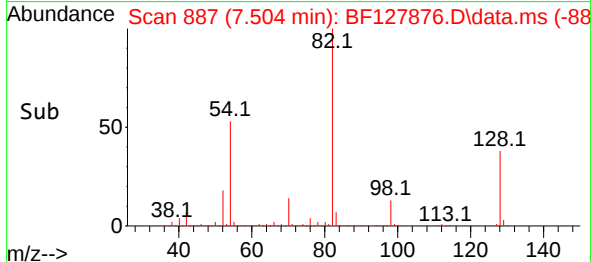
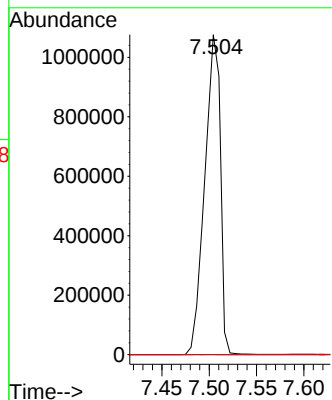
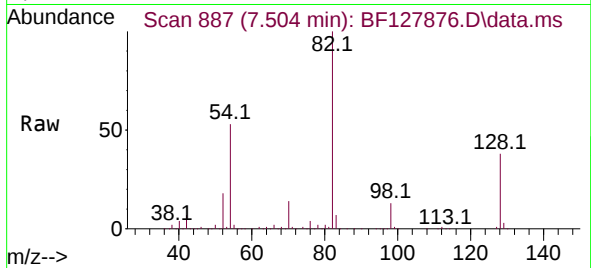




#25
Isophorone
Concen: 54.575 ng
RT: 7.504 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

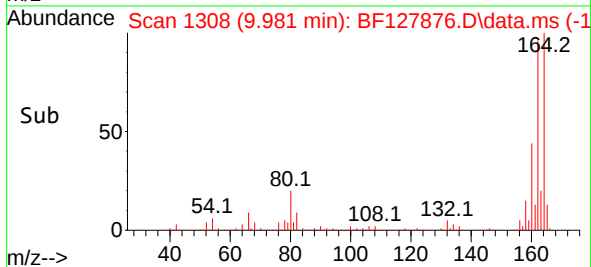
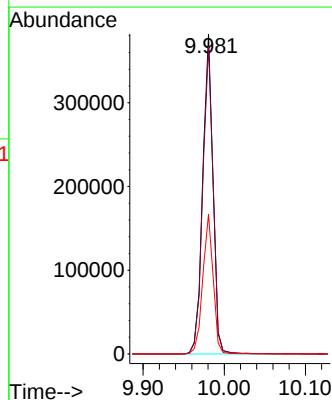
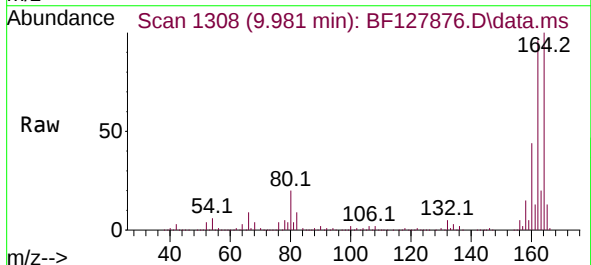
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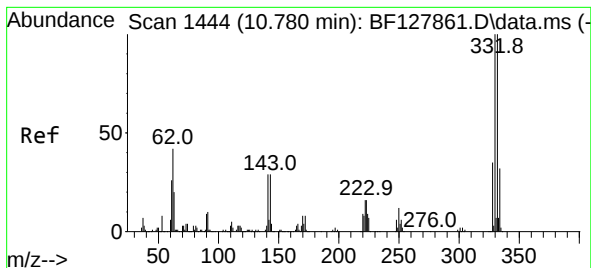
Tgt Ion: 82 Resp: 1237031
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

Tgt Ion: 164 Resp: 335512
Ion Ratio Lower Upper
164 100
162 96.2 76.0 114.0
160 43.7 34.8 52.2

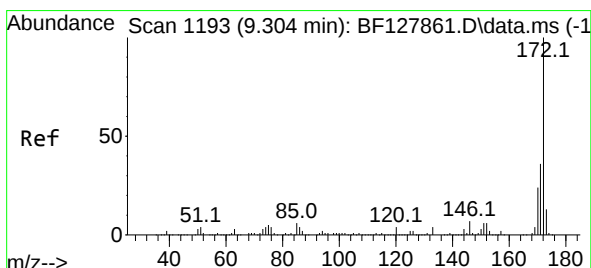
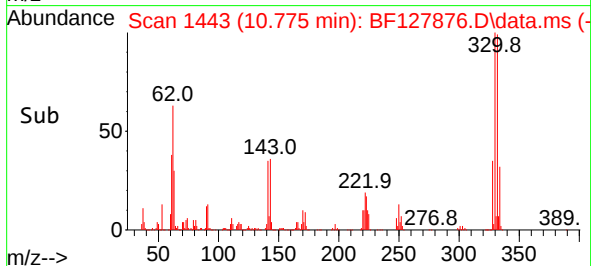
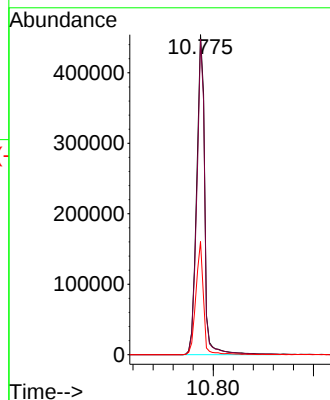
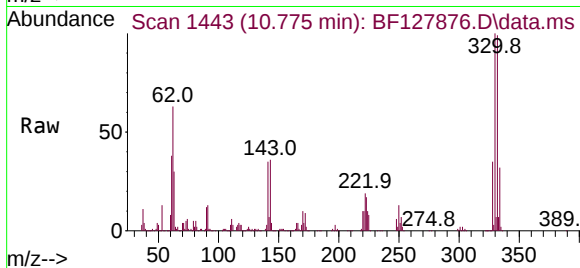




#42
2,4,6-Tribromophenol
Concen: 149.038 ng
RT: 10.775 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

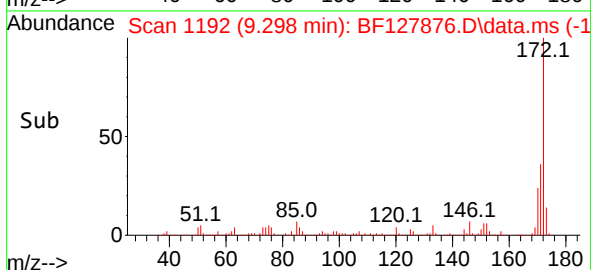
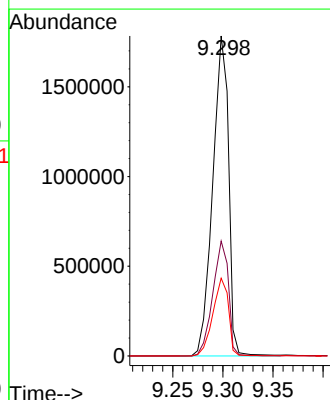
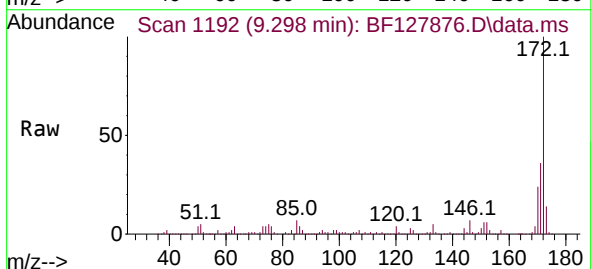
Instrument :
BNA_F
ClientSampleId :
MH-3S

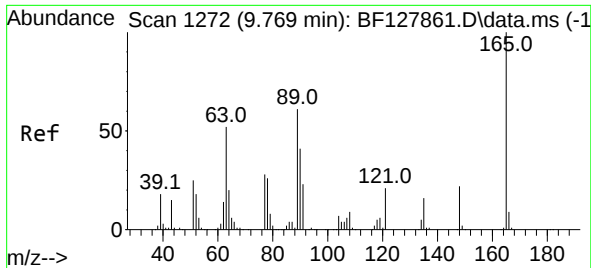
Tgt Ion:330 Resp: 503374
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.4
141 33.5 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 98.917 ng
RT: 9.298 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

Tgt Ion:172 Resp: 1961750
Ion Ratio Lower Upper
172 100
171 35.9 28.6 42.8
170 24.3 19.1 28.7

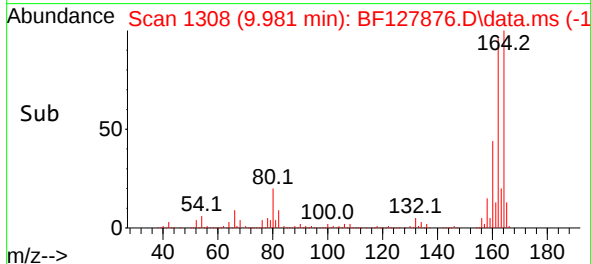
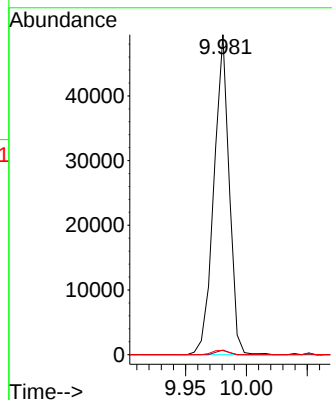
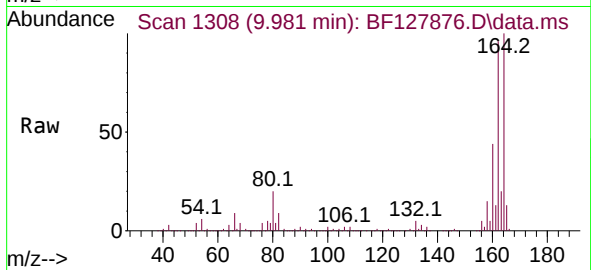




#51
2,6-Dinitrotoluene
Concen: 8.892 ng
RT: 9.981 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

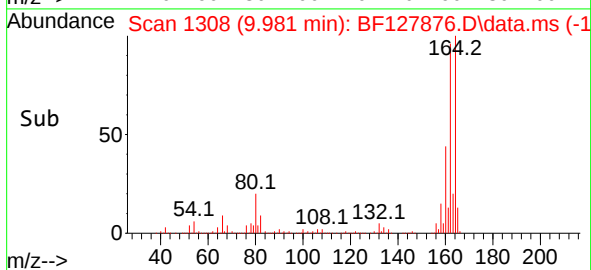
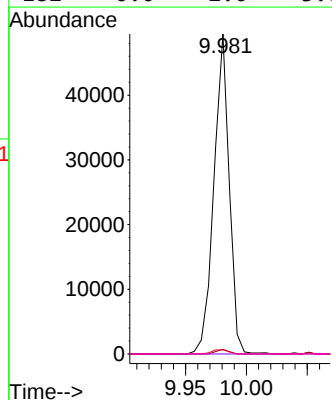
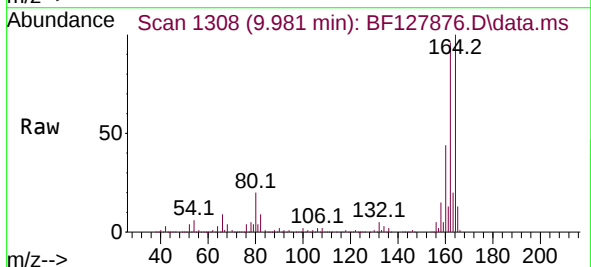
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BNA_F
ClientSampleId :
MH-3S

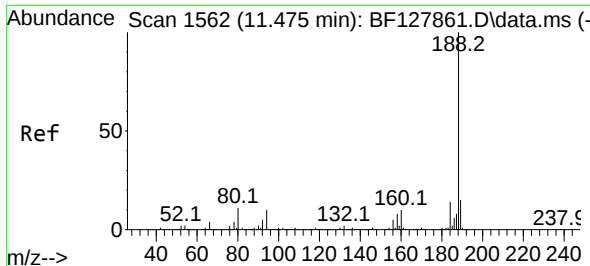
Tgt Ion:165 Resp: 43320
Ion Ratio Lower Upper
165 100
63 1.4 49.5 74.3#
89 1.3 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.713 ng
RT: 9.981 min Scan# 1308
Delta R.T. -0.194 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

Tgt Ion:165 Resp: 43320
Ion Ratio Lower Upper
165 100
63 1.4 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#

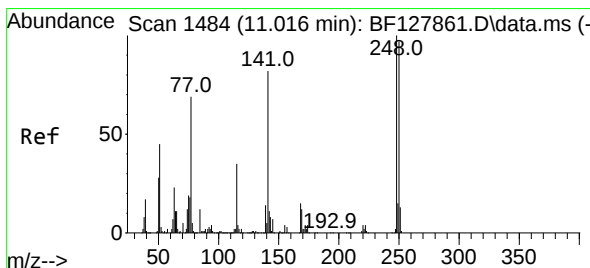
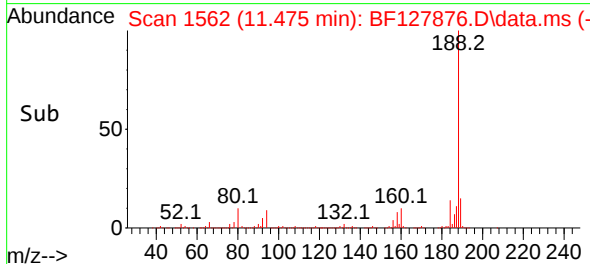
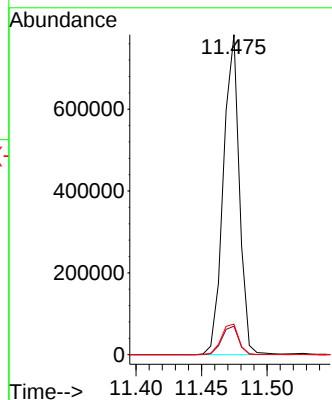
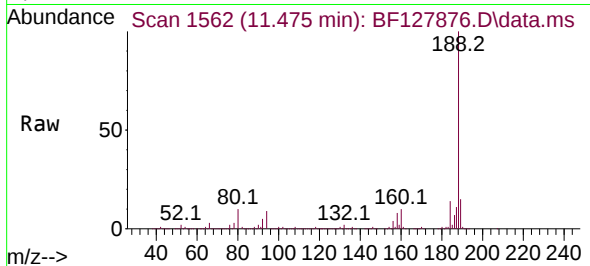




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.475 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

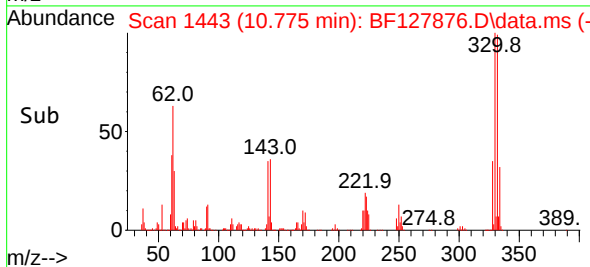
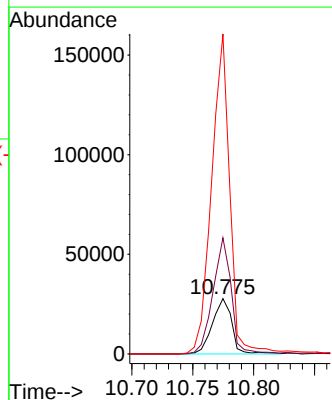
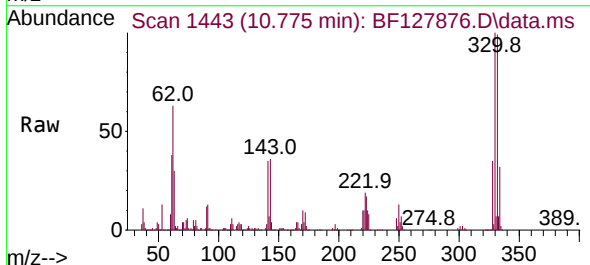
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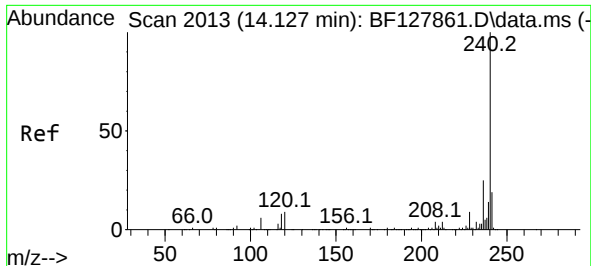
Tgt Ion:188 Resp: 662506
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.174 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.241 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

Tgt Ion:248 Resp: 30656
Ion Ratio Lower Upper
248 100
250 209.4 77.7 116.5#
141 577.3 65.6 98.4#

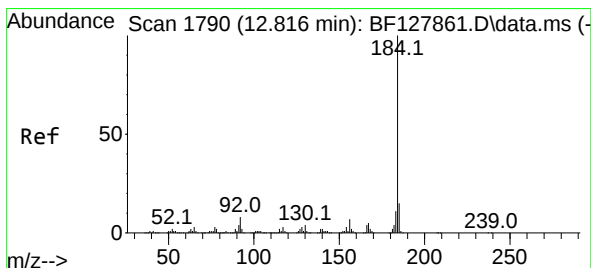
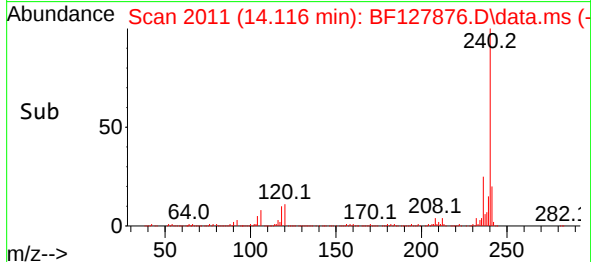
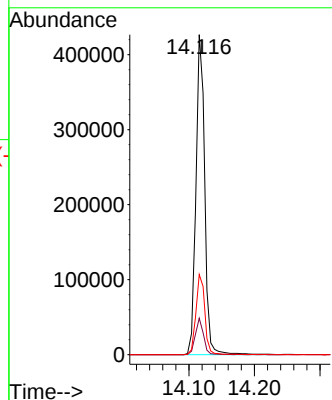
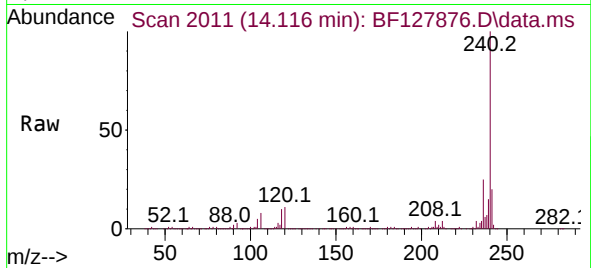




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

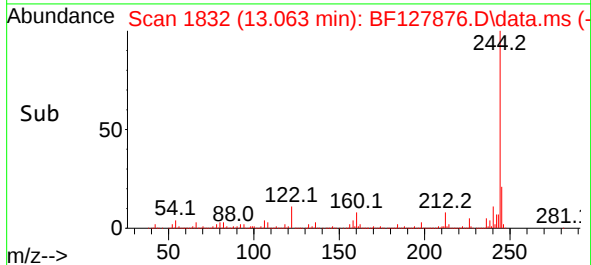
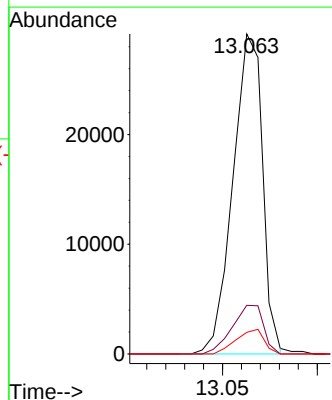
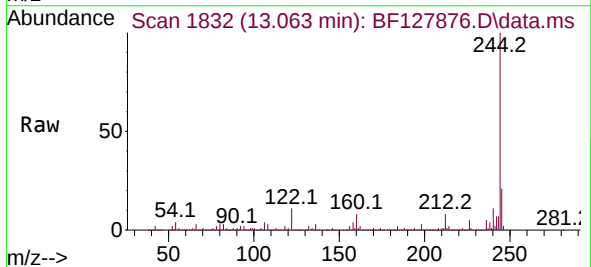
Instrument :
BNA_F
ClientSampleId :
MH-3S

Tgt Ion:240 Resp: 397275
Ion Ratio Lower Upper
240 100
120 11.4 7.0 10.6#
236 25.0 20.3 30.5



#77
Benzidine
Concen: 4.208 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.247 min
Lab File: BF127876.D
Acq: 25 Apr 2022 13:08

Tgt Ion:184 Resp: 31631
Ion Ratio Lower Upper
184 100
185 15.2 12.1 18.1
183 6.8 9.0 13.4#

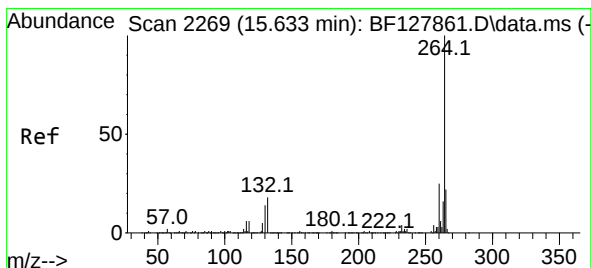
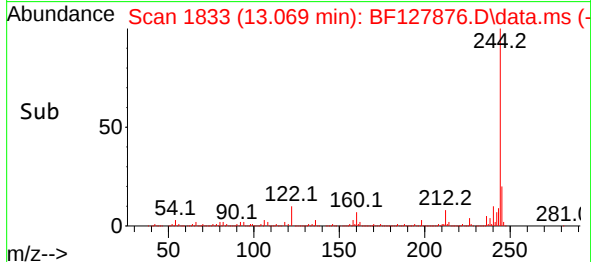
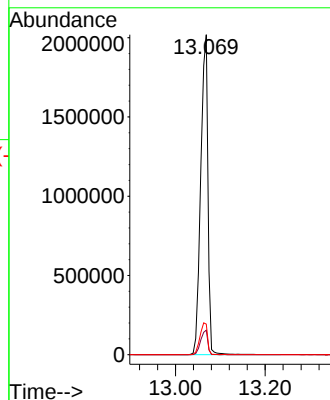
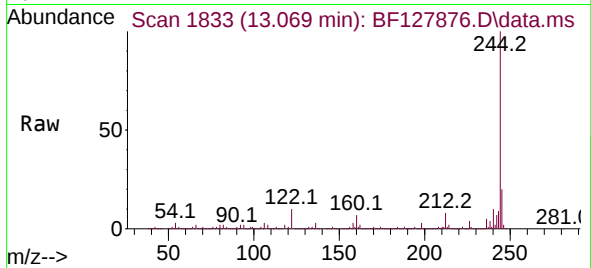




#79
 Terphenyl-d14
 Concen: 102.966 ng
 RT: 13.069 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF127876.D
 Acq: 25 Apr 2022 13:08

Instrument :
 BNA_F
 ClientSampleId :
 MH-3S

Tgt Ion:244 Resp: 2237058
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.5 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF127876.D
 Acq: 25 Apr 2022 13:08

Tgt Ion:264 Resp: 85652
 Ion Ratio Lower Upper
 264 100
 260 28.3 20.1 30.1
 265 22.9 17.5 26.3

