

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128075.D
 Acq On : 04 May 2022 16:54
 Operator : CG\JU
 Sample : N2665-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10,14

Quant Time: May 05 06:05:29 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)

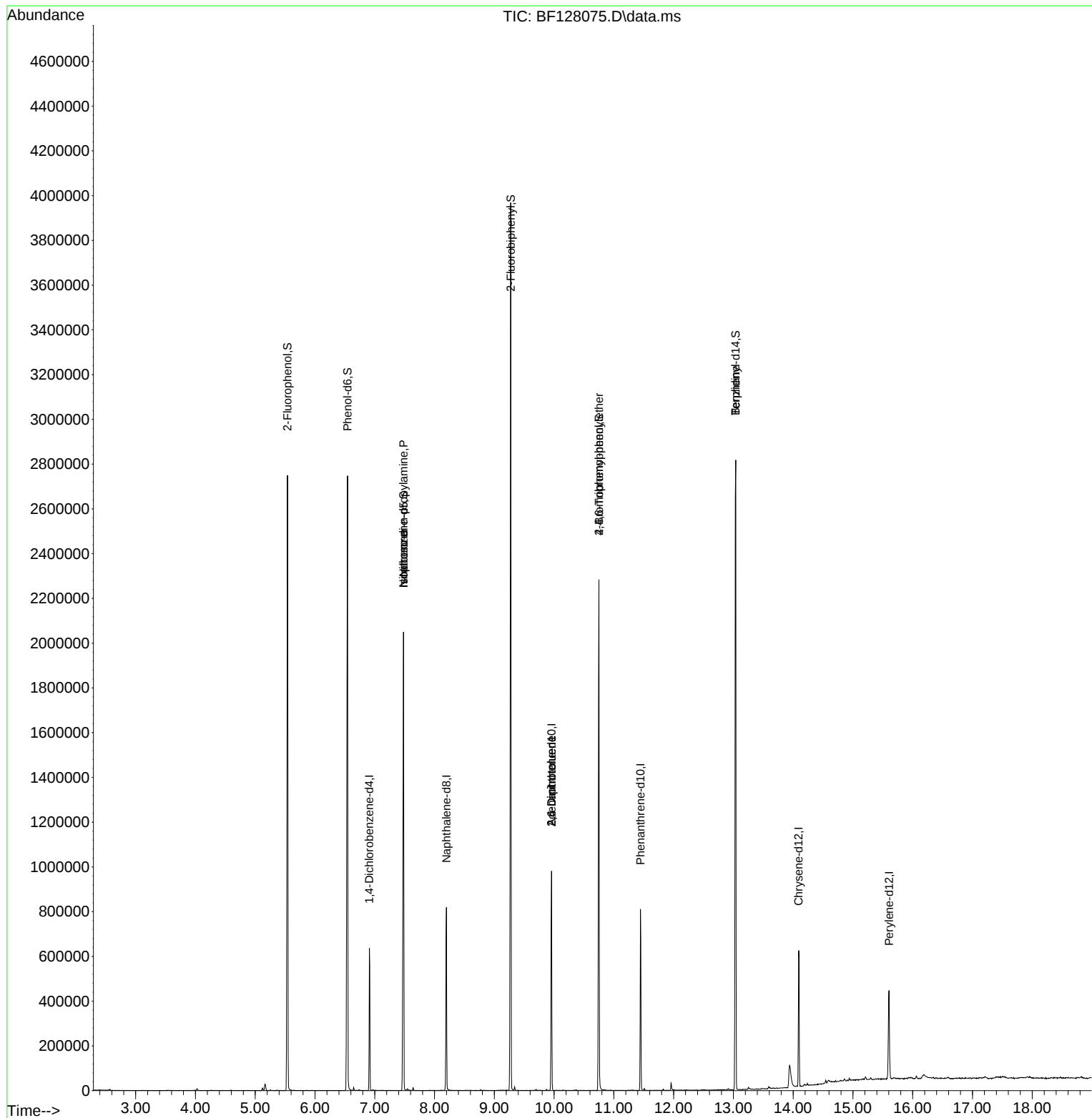
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	86209	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	337798	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	190344	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	295243	20.000	ng	-0.01
76) Chrysene-d12	14.092	240	212557	20.000	ng	-0.01
86) Perylene-d12	15.604	264	186592	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	731109	135.079	ng	0.00
7) Phenol-d6	6.545	99	975321	138.874	ng	0.00
23) Nitrobenzene-d5	7.481	82	707070	98.430	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	264294	137.931	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1152823	102.461	ng	0.00
79) Terphenyl-d14	13.039	244	1007177	86.644	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	97218	22.613	ng	# 78
25) Isophorone	7.481	82	707054	58.481	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	23670	8.564	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	23670	6.465	ng	# 26
67) 4-Bromophenyl-phenylether	10.751	248	16290	4.977	ng	# 1
77) Benzidine	13.039	184	14300	3.556	ng	# 94

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

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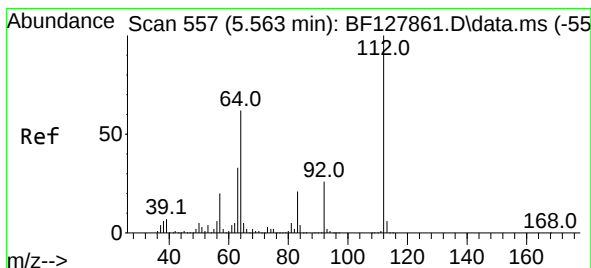
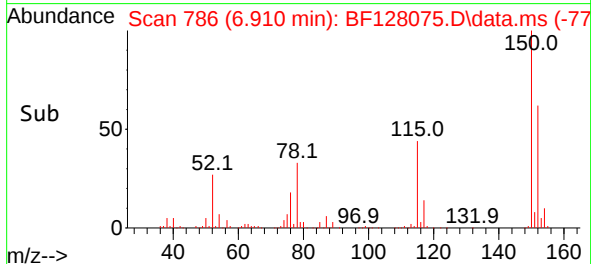
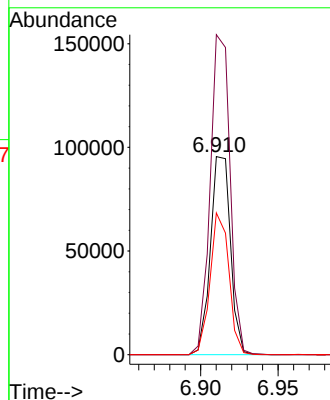
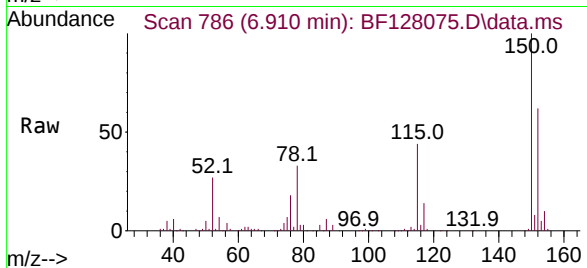




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

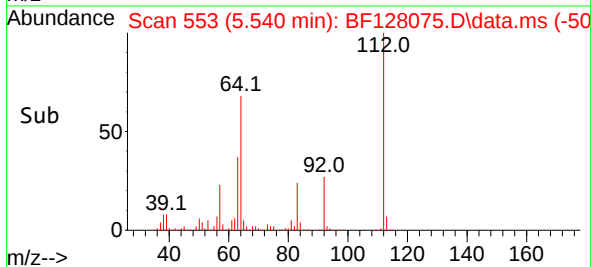
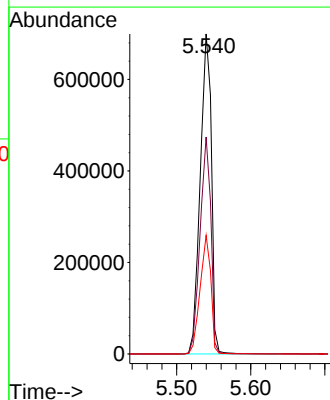
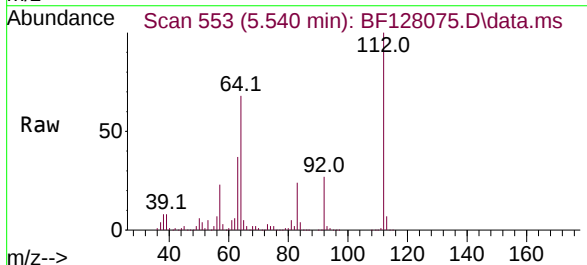
Instrument :
BNA_F
ClientSampleId :
SB-10,14

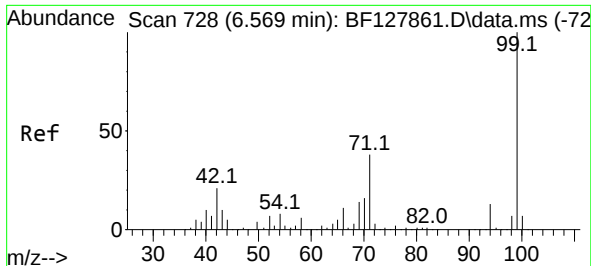
Tgt Ion:152 Resp: 86209
Ion Ratio Lower Upper
152 100
150 161.6 125.3 187.9
115 71.6 48.8 73.2



#5
2-Fluorophenol
Concen: 135.079 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

Tgt Ion:112 Resp: 731109
Ion Ratio Lower Upper
112 100
64 67.8 49.5 74.3
63 37.1 26.3 39.5

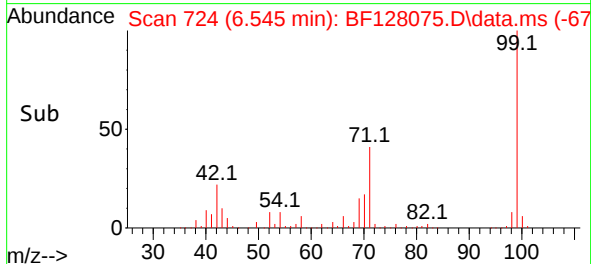
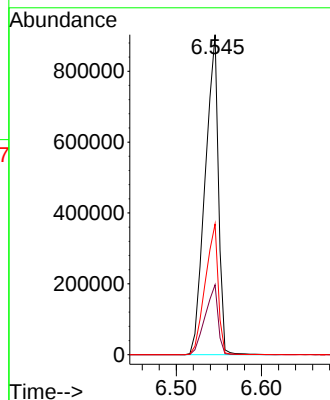
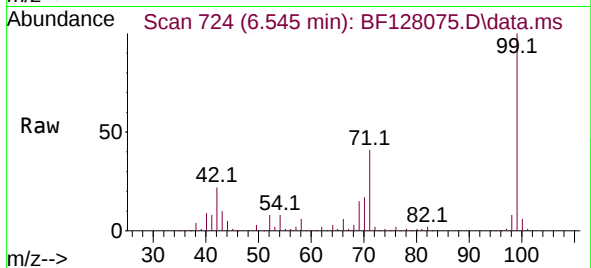




#7
Phenol-d6
Concen: 138.874 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

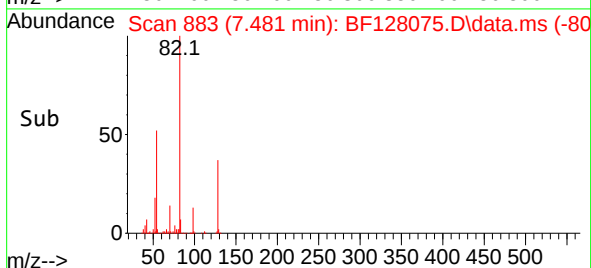
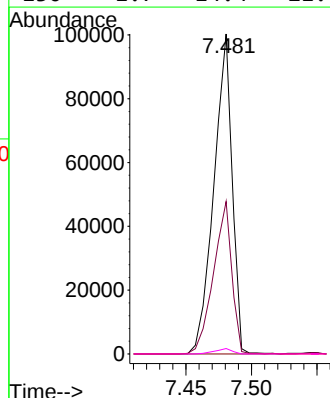
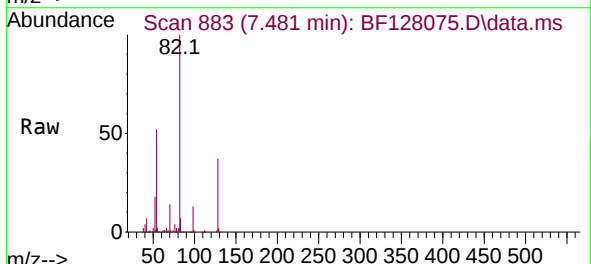
Instrument :
BNA_F
ClientSampleId :
SB-10,14

Tgt Ion: 99 Resp: 975321
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 40.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.613 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

Tgt Ion: 70 Resp: 97218
Ion Ratio Lower Upper
70 100
42 47.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

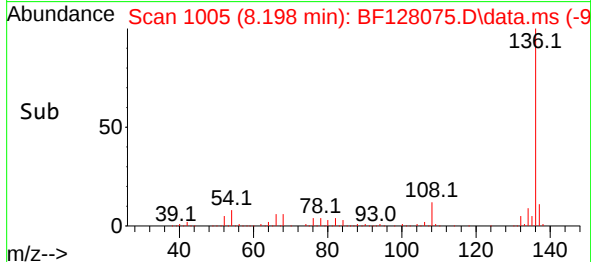
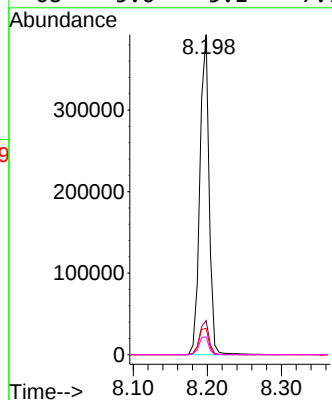
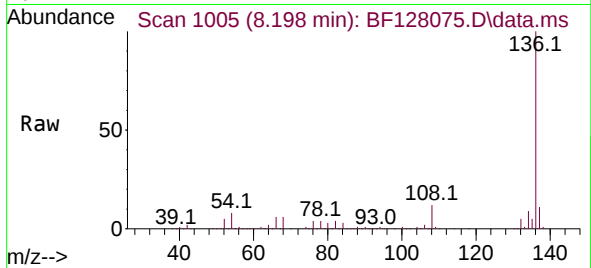




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

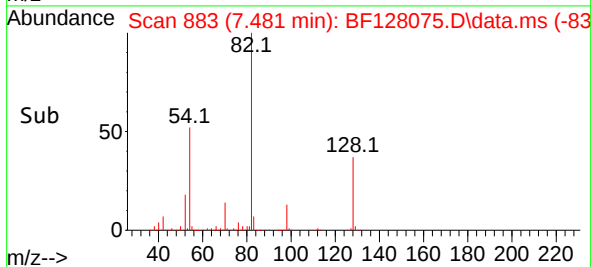
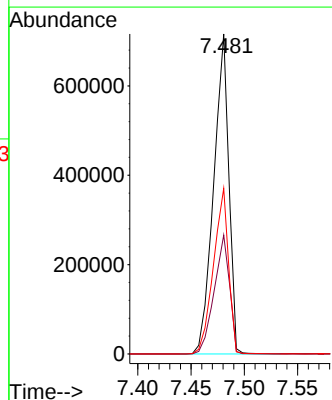
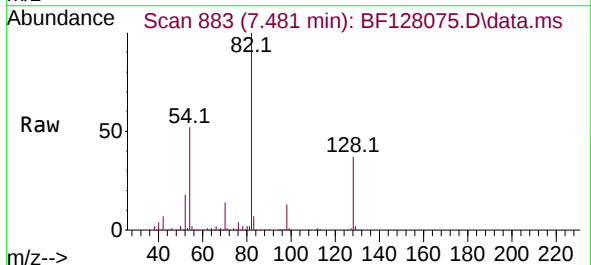
Instrument :
BNA_F
ClientSampleId :
SB-10,14

Tgt Ion:	136	Resp:	337798
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.2	6.8	10.2
68	5.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 98.430 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

Tgt Ion:	82	Resp:	707070
Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.0	45.0
54	51.7	41.3	61.9

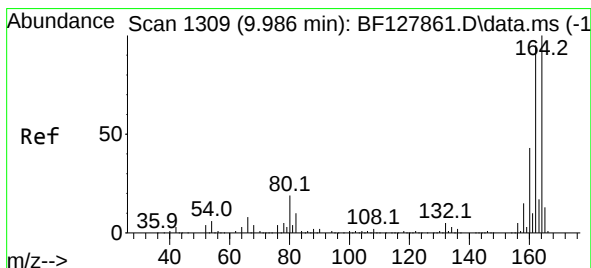
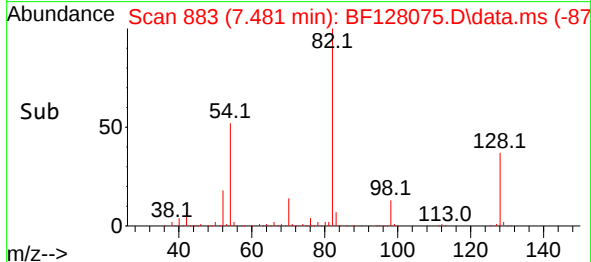
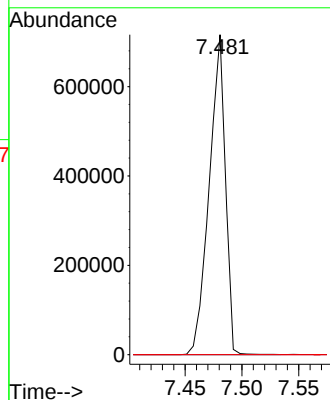
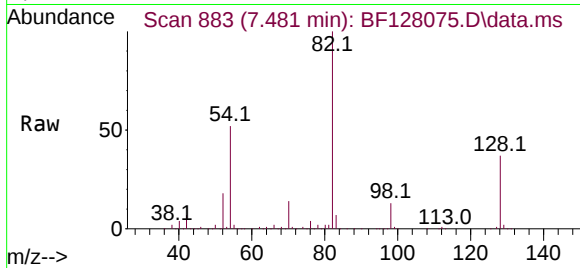




#25
Isophorone
Concen: 58.481 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

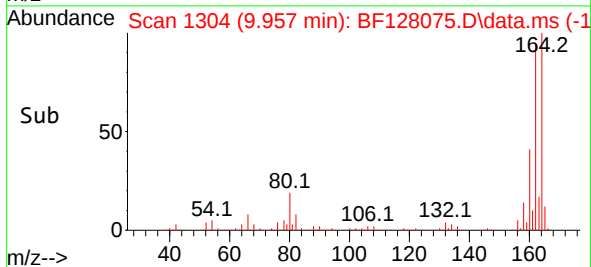
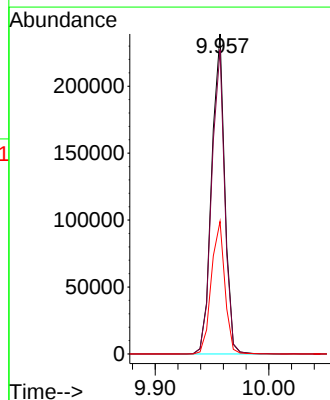
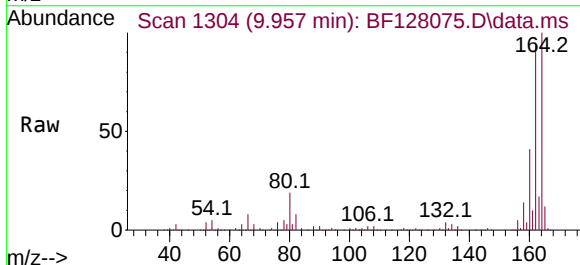
Instrument :
BNA_F
ClientSampleId :
SB-10,14

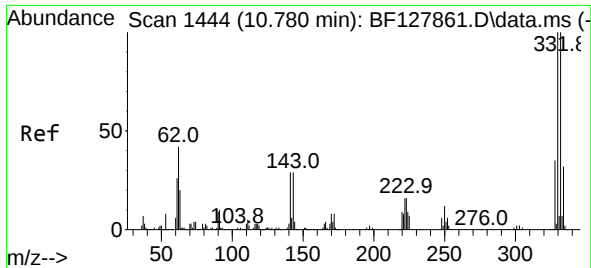
Tgt Ion: 82 Resp: 707054
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

Tgt Ion:164 Resp: 190344
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 41.4 34.8 52.2

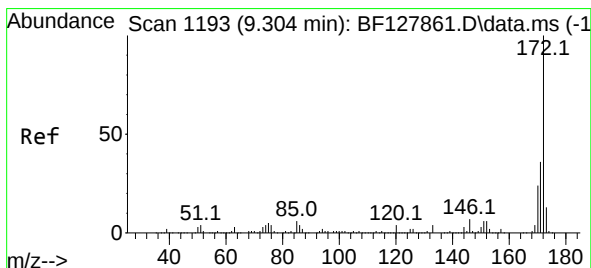
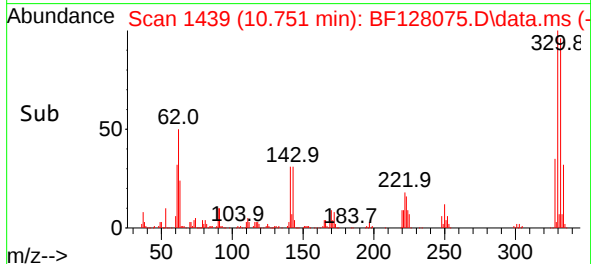
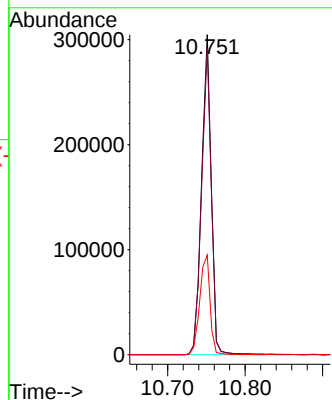
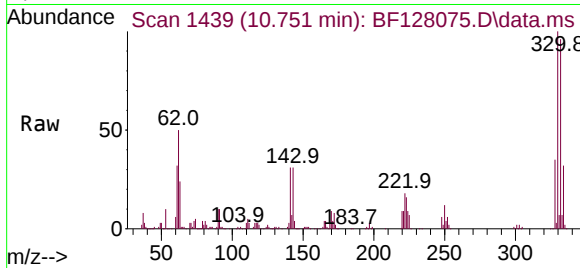




#42
2,4,6-Tribromophenol
Concen: 137.931 ng
RT: 10.751 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

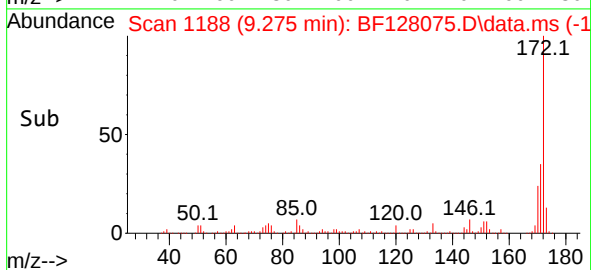
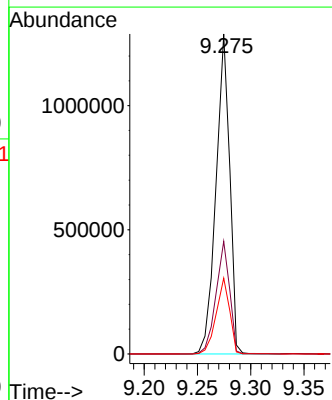
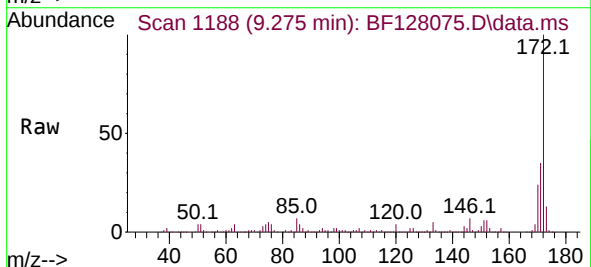
Instrument :
BNA_F
ClientSampleId :
SB-10,14

Tgt Ion:330 Resp: 264294
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.4
141 33.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 102.461 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

Tgt Ion:172 Resp: 1152823
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.564 ng

RT: 9.957 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128075.D

Acq: 04 May 2022 16:54

Instrument :

BNA_F

ClientSampleId :

SB-10,14

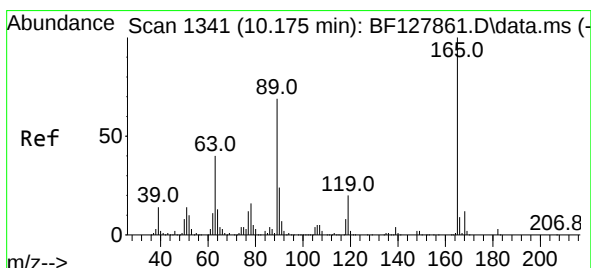
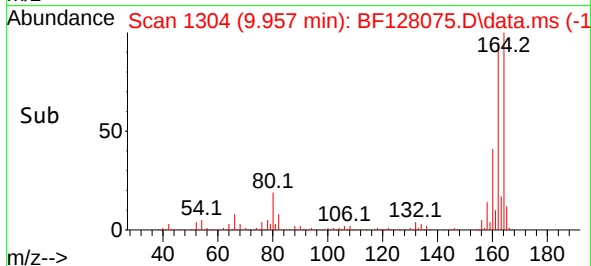
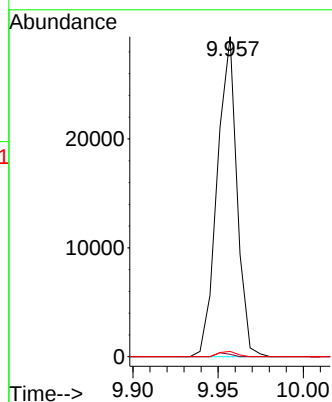
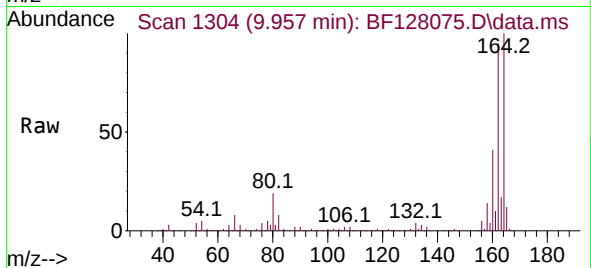
Tgt Ion:165 Resp: 23670

Ion Ratio Lower Upper

165 100

63 0.7 49.5 74.3#

89 1.6 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.465 ng

RT: 9.957 min Scan# 1304

Delta R.T. -0.200 min

Lab File: BF128075.D

Acq: 04 May 2022 16:54

Tgt Ion:165 Resp: 23670

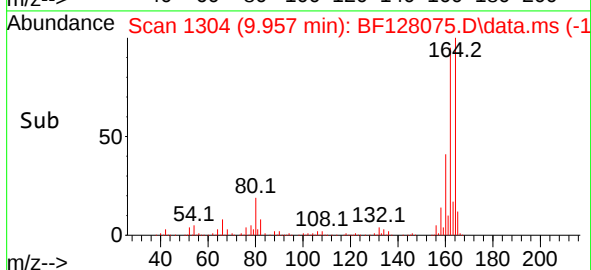
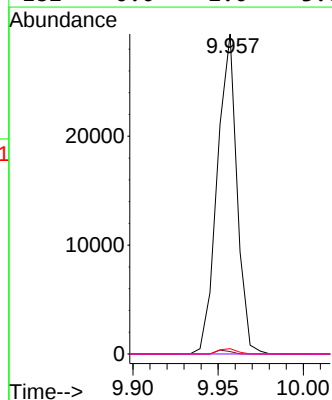
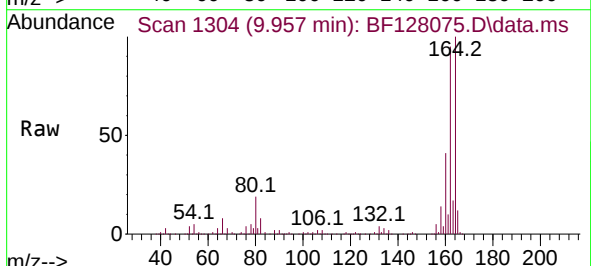
Ion Ratio Lower Upper

165 100

63 0.7 32.6 49.0#

89 1.6 55.2 82.8#

182 0.0 2.0 3.0#

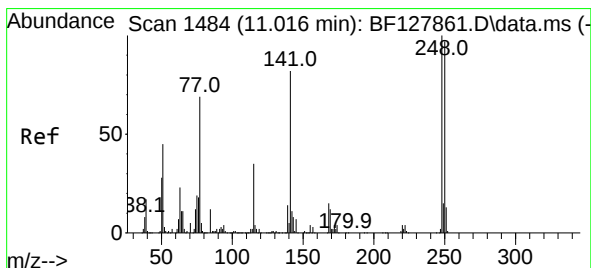
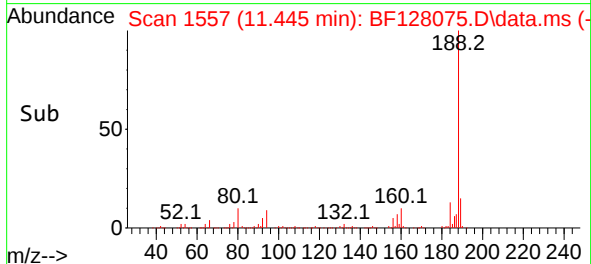
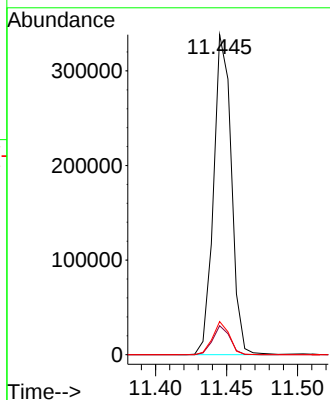
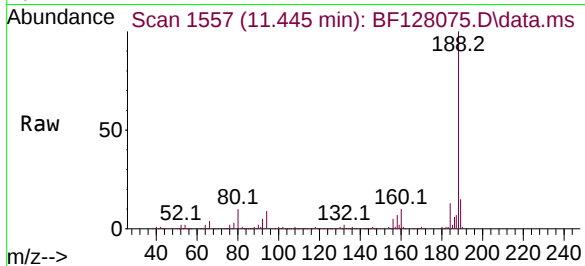




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

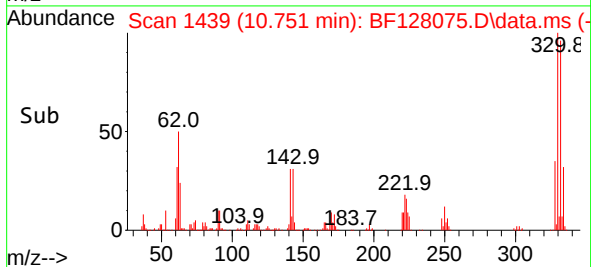
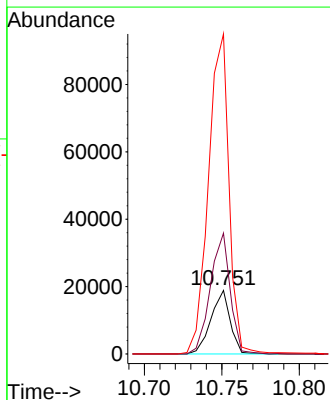
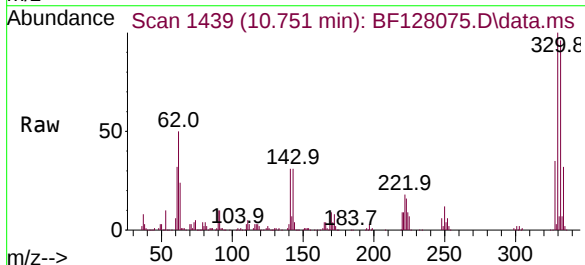
Instrument :
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SB-10,14

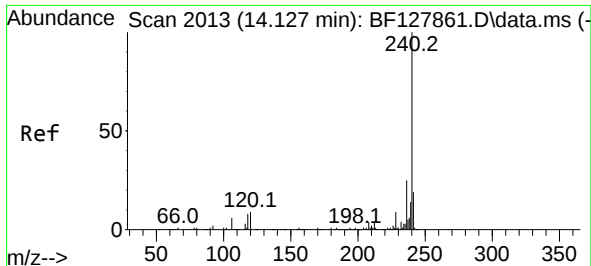
Tgt Ion:188 Resp: 295243
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.977 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.247 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

Tgt Ion:248 Resp: 16290
Ion Ratio Lower Upper
248 100
250 190.0 77.7 116.5#
141 503.1 65.6 98.4#

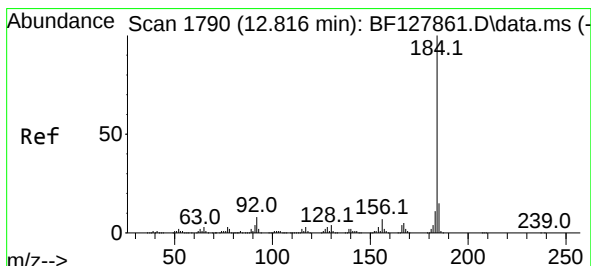
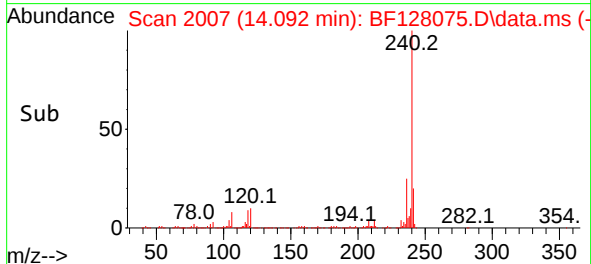
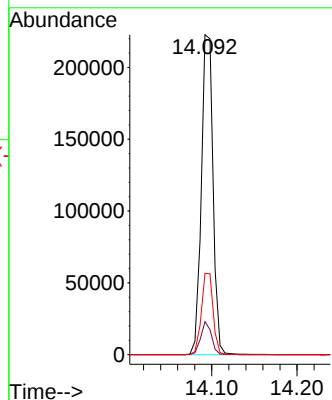
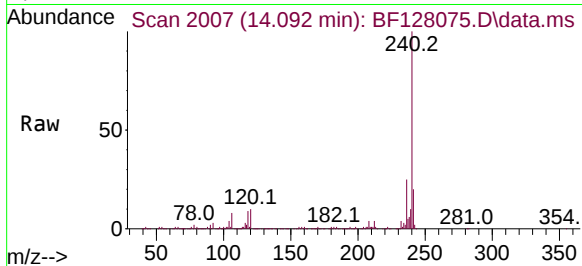




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

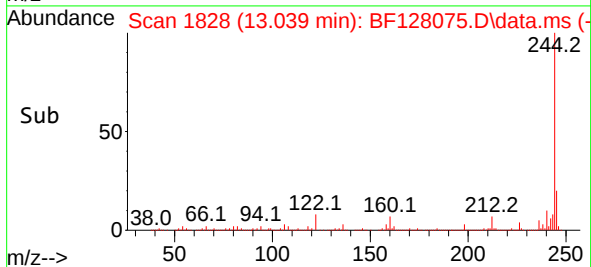
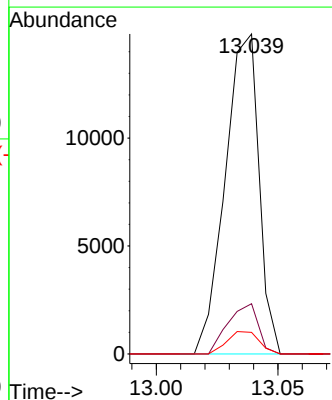
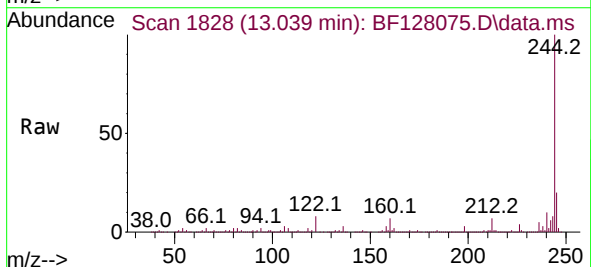
Instrument :
BNA_F
ClientSampleId :
SB-10,14

Tgt Ion:240 Resp: 212557
Ion Ratio Lower Upper
240 100
120 10.3 7.0 10.6
236 25.4 20.3 30.5



#77
Benzidine
Concen: 3.556 ng
RT: 13.039 min Scan# 1828
Delta R.T. 0.247 min
Lab File: BF128075.D
Acq: 04 May 2022 16:54

Tgt Ion:184 Resp: 14300
Ion Ratio Lower Upper
184 100
185 15.7 12.1 18.1
183 6.7 9.0 13.4#

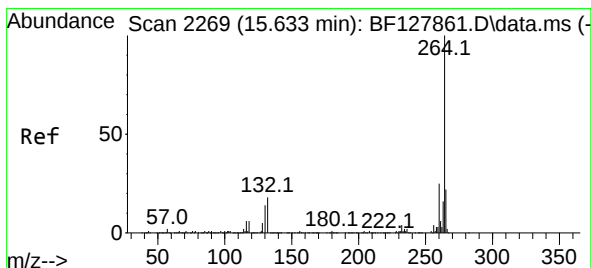
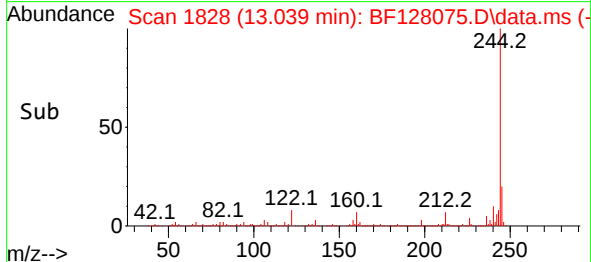
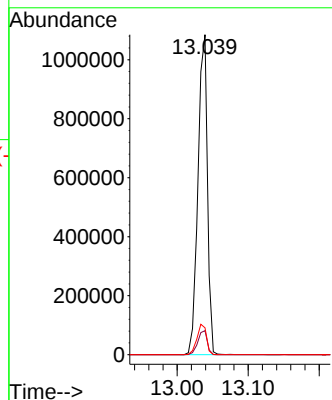
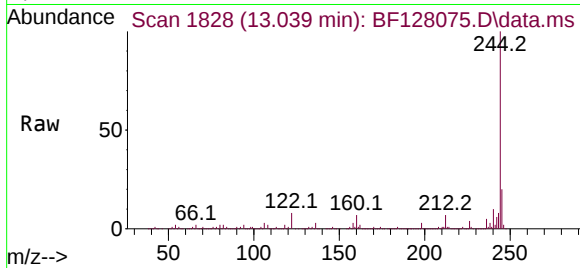




#79
 Terphenyl-d14
 Concen: 86.644 ng
 RT: 13.039 min Scan# 1828
 Delta R.T. -0.006 min
 Lab File: BF128075.D
 Acq: 04 May 2022 16:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-10,14

Tgt Ion:244 Resp: 1007177
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.4 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: BF128075.D
 Acq: 04 May 2022 16:54

Tgt Ion:264 Resp: 186592
 Ion Ratio Lower Upper
 264 100
 260 22.6 20.1 30.1
 265 20.8 17.5 26.3

