

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050422\
 Data File : BF128064.D
 Acq On : 04 May 2022 11:25
 Operator : CG\JU
 Sample : PB144524TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144524TB

Quant Time: May 05 06:01:29 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)

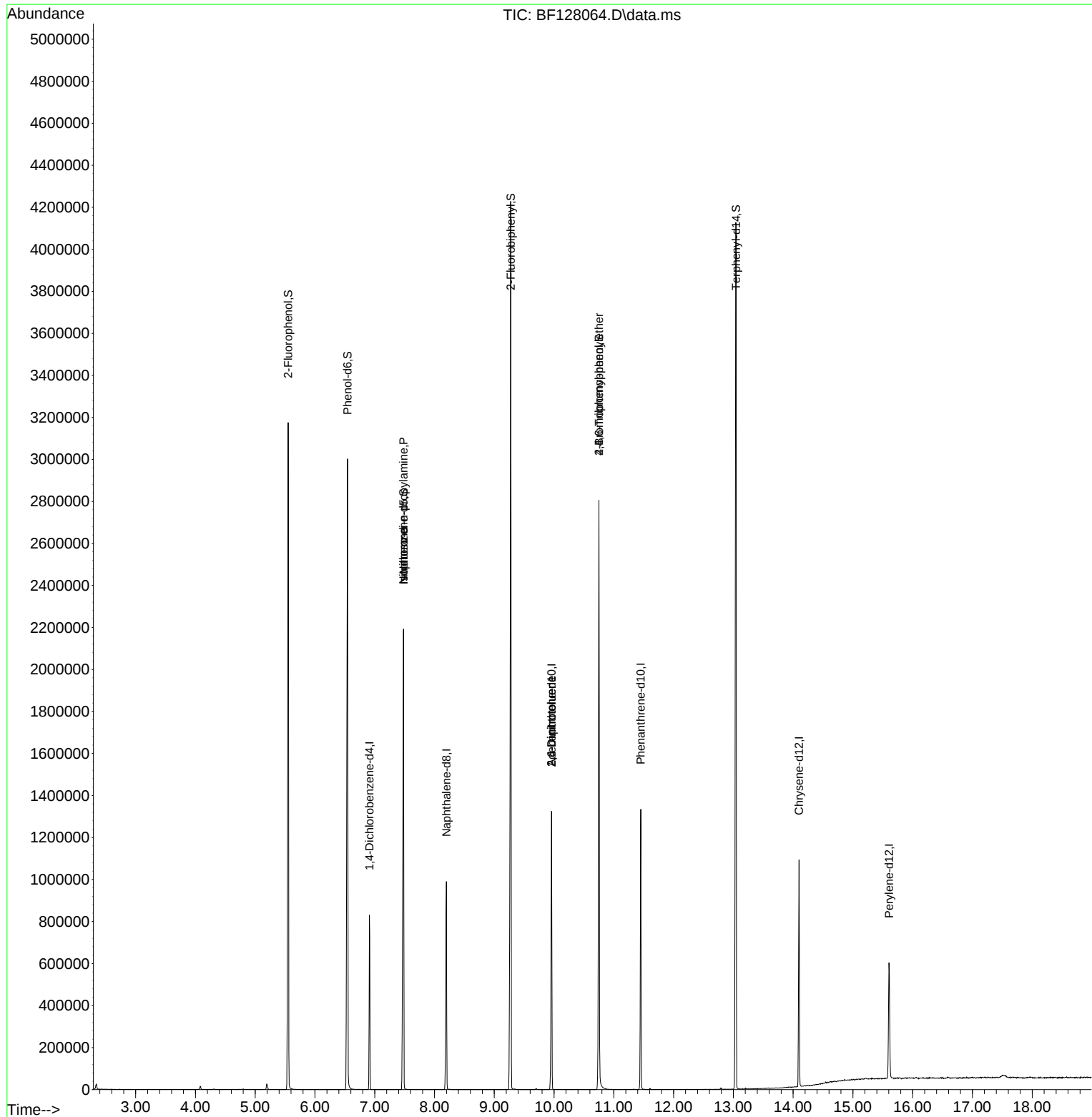
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	115941	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	454744	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	268227	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	481426	20.000	ng	0.00
76) Chrysene-d12	14.098	240	351992	20.000	ng	0.00
86) Perylene-d12	15.604	264	276667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	886604	121.801	ng	0.01
7) Phenol-d6	6.546	99	1168680	123.733	ng	0.00
23) Nitrobenzene-d5	7.481	82	855557	88.471	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	354371	131.241	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1445466	91.167	ng	0.00
79) Terphenyl-d14	13.045	244	1639322	85.161	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	117401	20.305	ng	# 79
25) Isophorone	7.481	82	853447	52.436	ng	# 68
51) 2,6-Dinitrotoluene	9.957	165	34297	8.806	ng	# 21
57) 2,4-Dinitrotoluene	9.957	165	34297	6.648	ng	# 26
67) 4-Bromophenyl-phenylether	10.751	248	22559	4.227	ng	# 1

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

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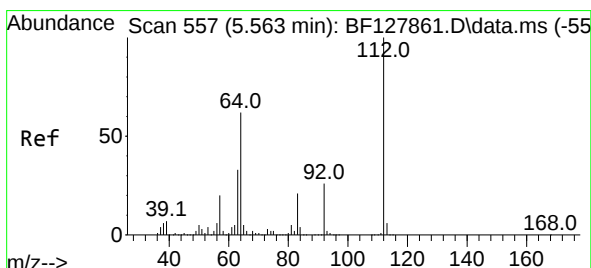
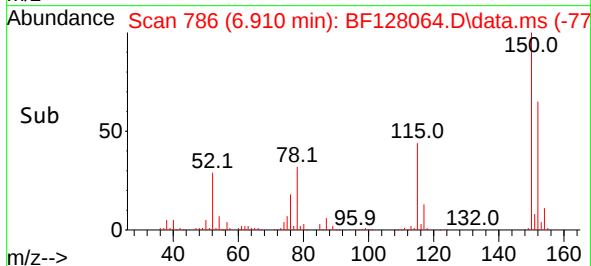
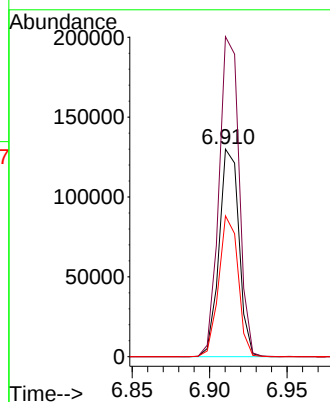
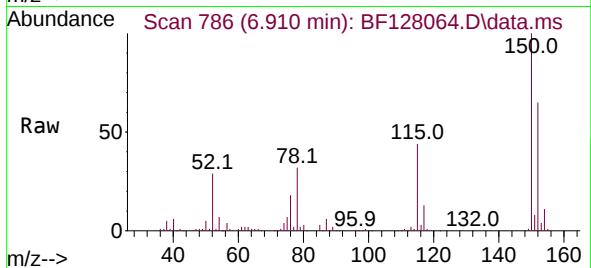




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.910 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

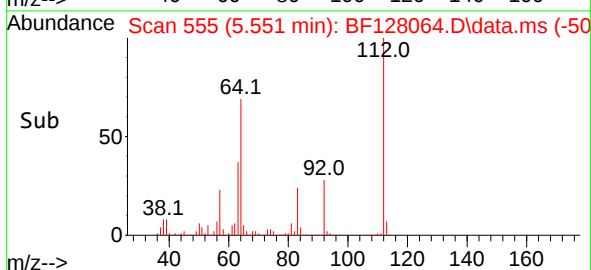
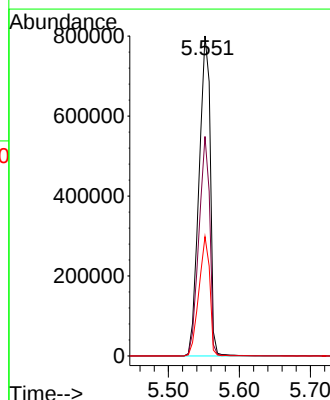
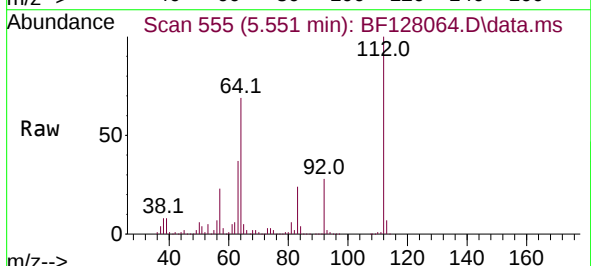
Instrument :
BNA_F
ClientSampleId :
PB144524TB

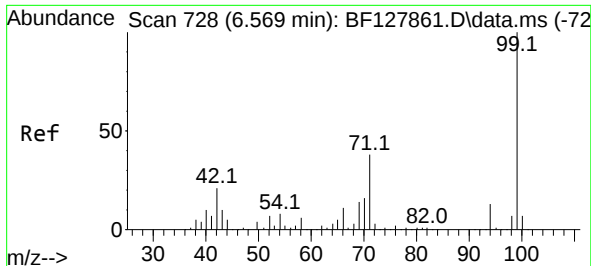
Tgt Ion:152 Resp: 115941
Ion Ratio Lower Upper
152 100
150 154.2 125.3 187.9
115 67.9 48.8 73.2



#5
2-Fluorophenol
Concen: 121.801 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.012 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

Tgt Ion:112 Resp: 886604
Ion Ratio Lower Upper
112 100
64 68.6 49.5 74.3
63 37.3 26.3 39.5

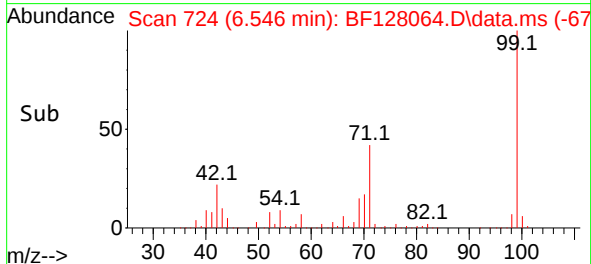
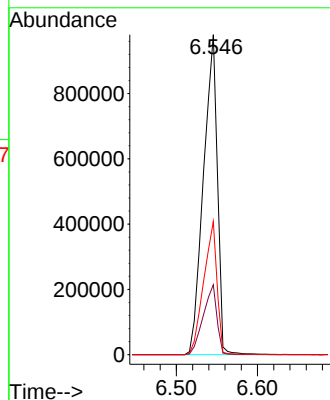
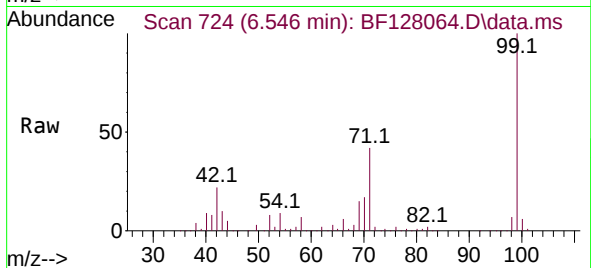




#7
Phenol-d6
Concen: 123.733 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

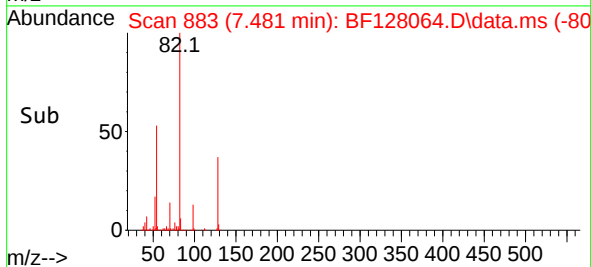
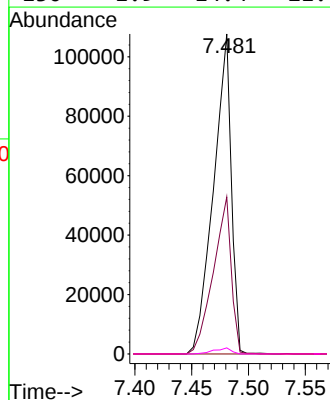
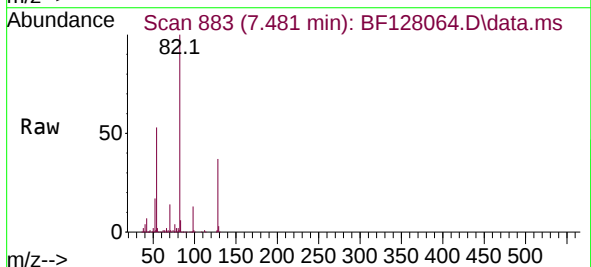
Instrument :
BNA_F
ClientSampleId :
PB144524TB

Tgt Ion: 99 Resp: 1168680
Ion Ratio Lower Upper
99 100
42 21.9 16.6 24.8
71 41.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.305 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

Tgt Ion: 70 Resp: 117401
Ion Ratio Lower Upper
70 100
42 49.0 48.7 73.1
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

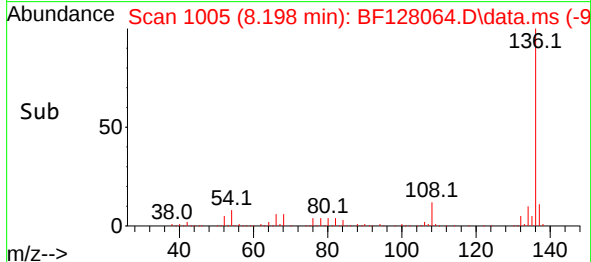
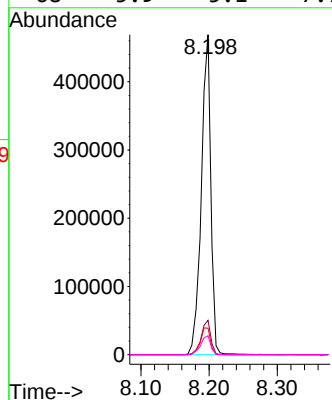
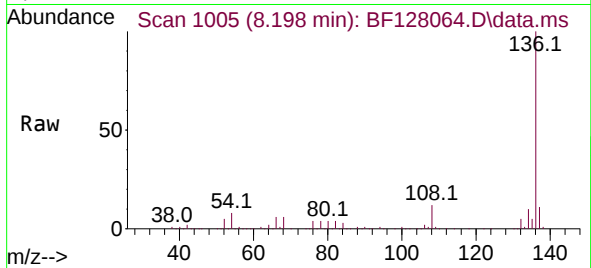




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

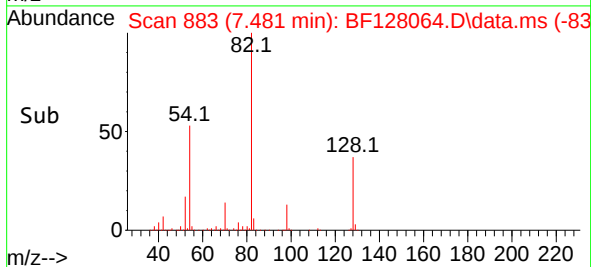
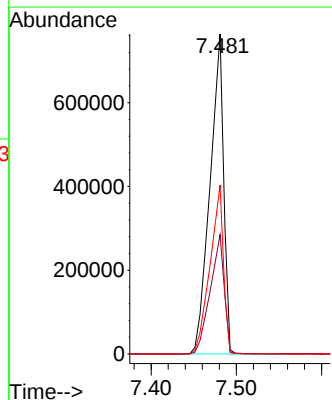
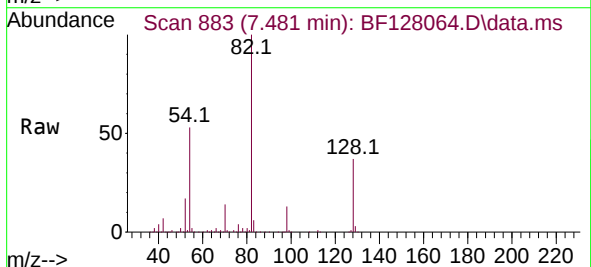
Instrument :
BNA_F
ClientSampleId :
PB144524TB

Tgt Ion:	136	Resp:	454744
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.3	6.8	10.2
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 88.471 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

Tgt Ion:	82	Resp:	855557
Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.0	45.0
54	52.8	41.3	61.9

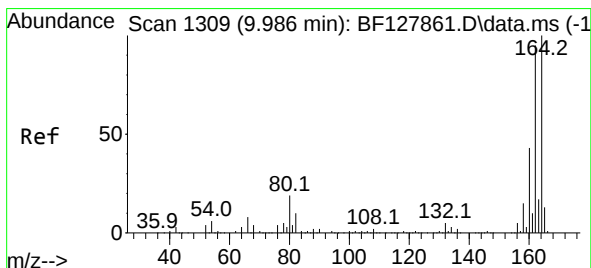
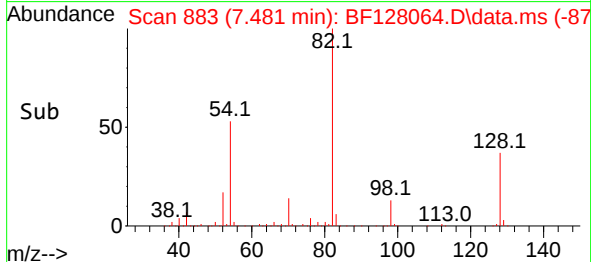
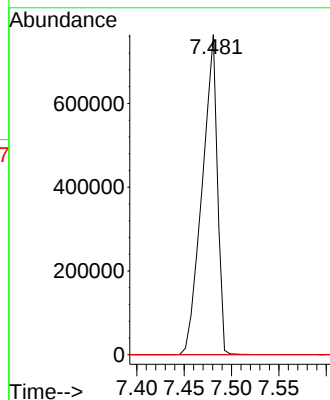
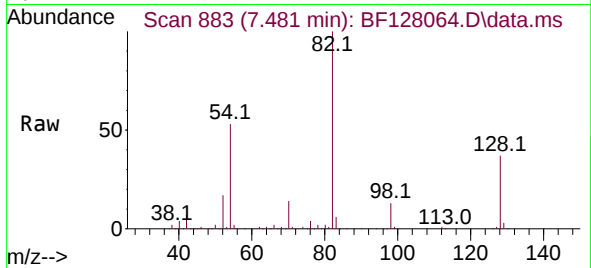




#25
Isophorone
Concen: 52.436 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

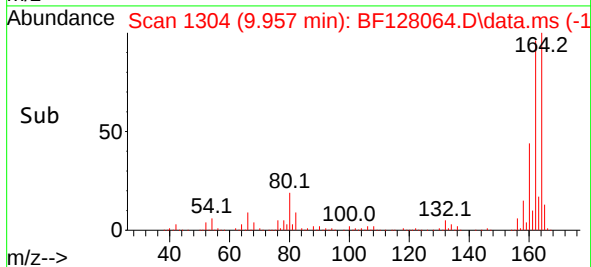
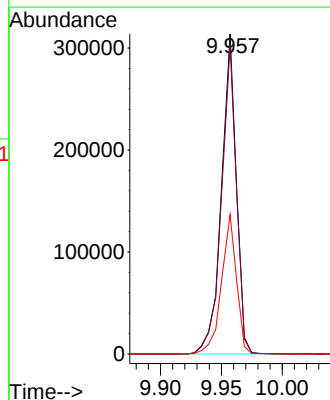
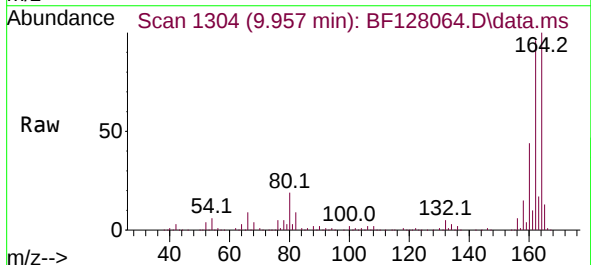
Instrument :
BNA_F
ClientSampleId :
PB144524TB

Tgt Ion: 82 Resp: 853447
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: BF128064.D
Acq: 04 May 2022 11:25

Tgt Ion: 164 Resp: 268227
Ion Ratio Lower Upper
164 100
162 96.4 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 131.241 ng

RT: 10.751 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128064.D

Acq: 04 May 2022 11:25

Instrument :

BNA_F

ClientSampleId :

PB144524TB

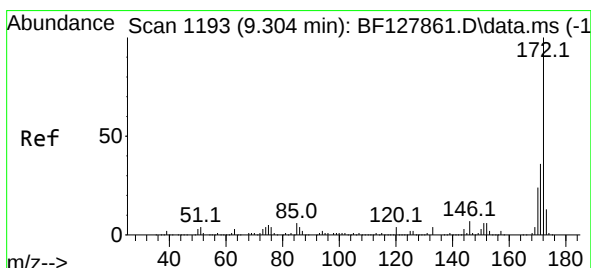
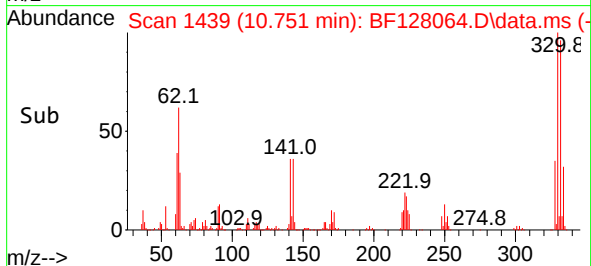
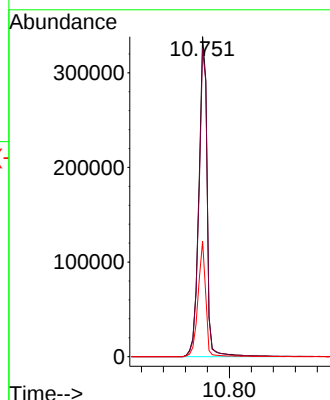
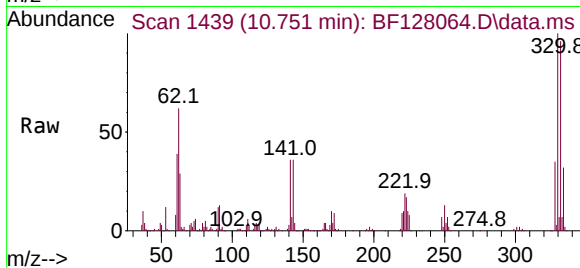
Tgt Ion:330 Resp: 354371

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 91.167 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128064.D

Acq: 04 May 2022 11:25

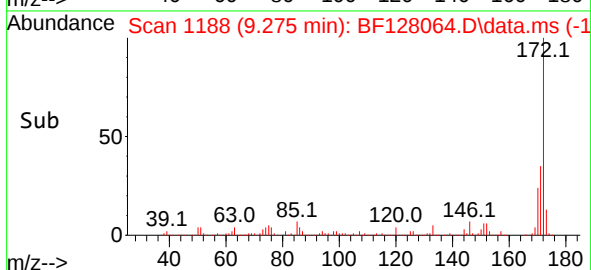
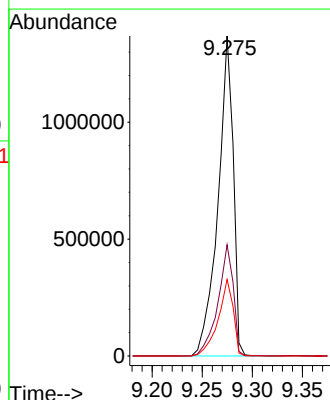
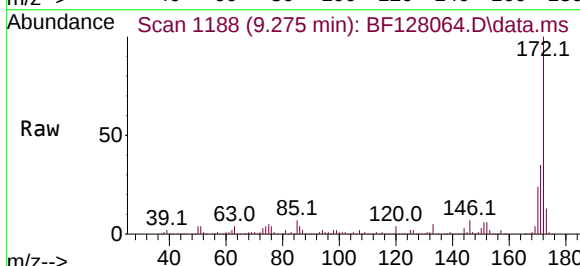
Tgt Ion:172 Resp: 1445466

Ion Ratio Lower Upper

172 100

171 34.7 28.6 42.8

170 23.9 19.1 28.7

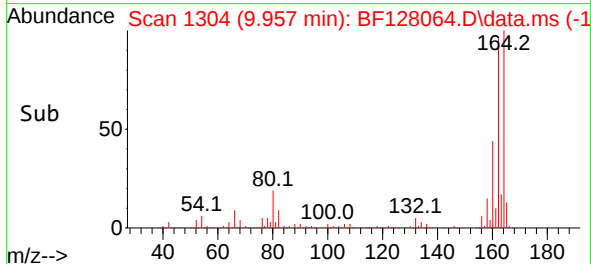
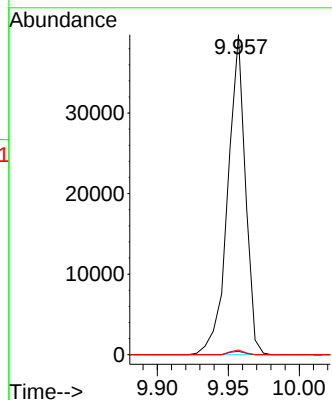
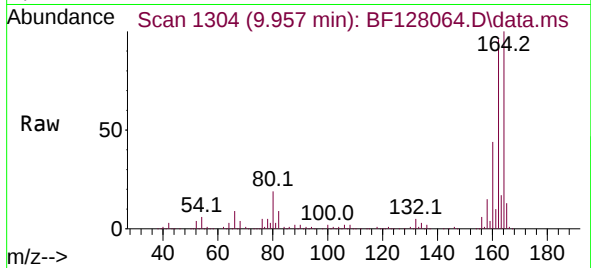




#51
2,6-Dinitrotoluene
Concen: 8.806 ng
RT: 9.957 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

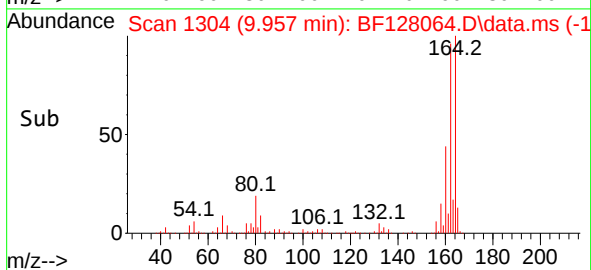
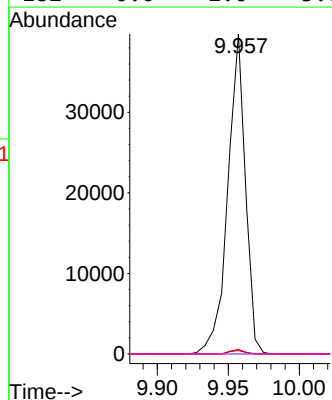
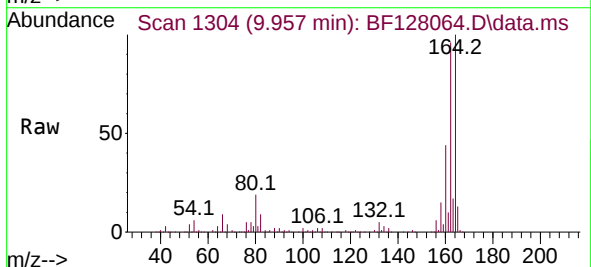
Instrument :
BNA_F
ClientSampleId :
PB144524TB

Tgt Ion:165 Resp: 34297
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.4 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.648 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.200 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

Tgt Ion:165 Resp: 34297
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#

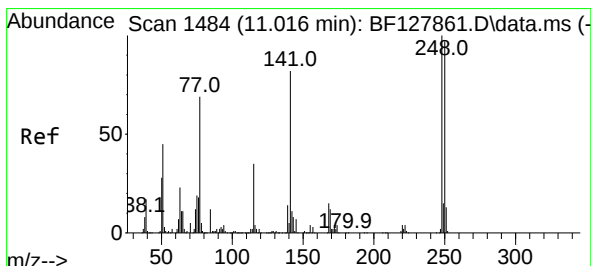
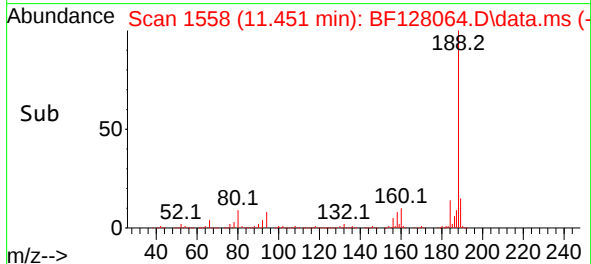
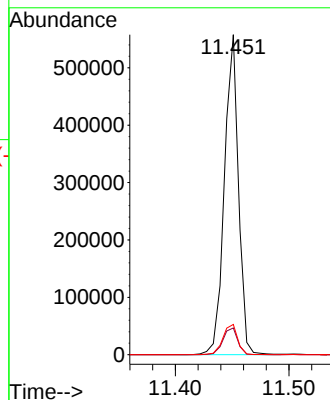
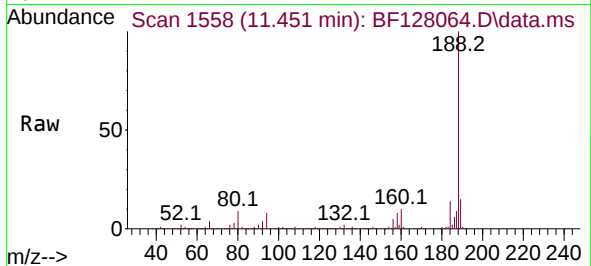




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

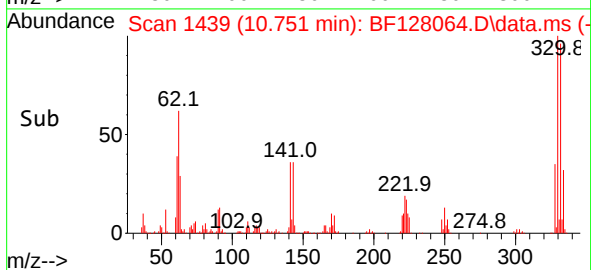
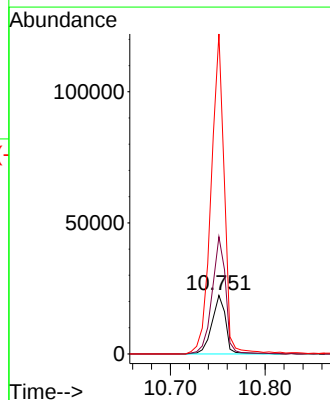
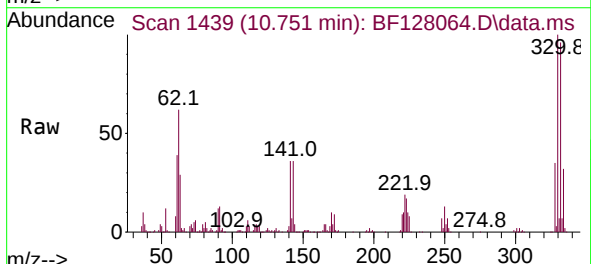
Instrument :
BNA_F
ClientSampleId :
PB144524TB

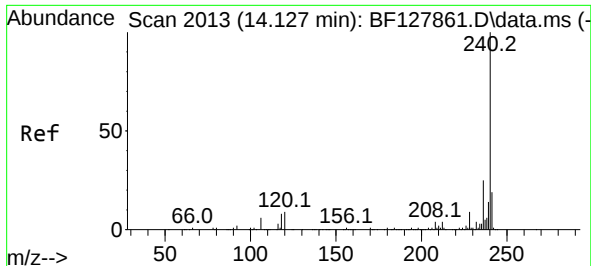
Tgt Ion:188 Resp: 481426
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.227 ng
RT: 10.751 min Scan# 1439
Delta R.T. -0.247 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

Tgt Ion:248 Resp: 22559
Ion Ratio Lower Upper
248 100
250 200.1 77.7 116.5#
141 545.9 65.6 98.4#

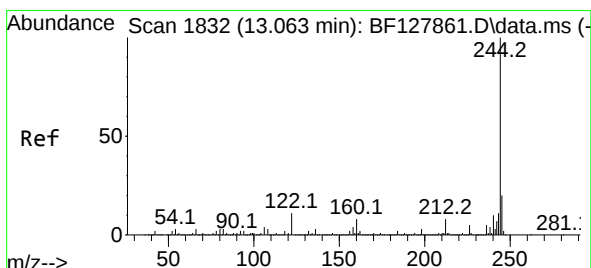
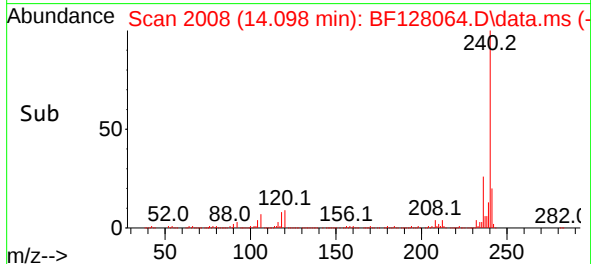
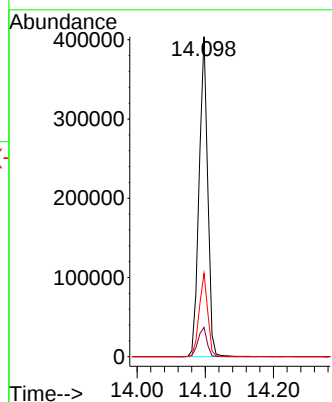
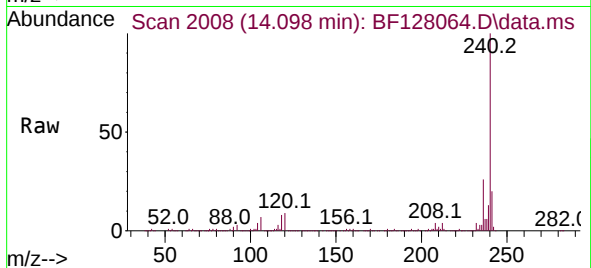




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

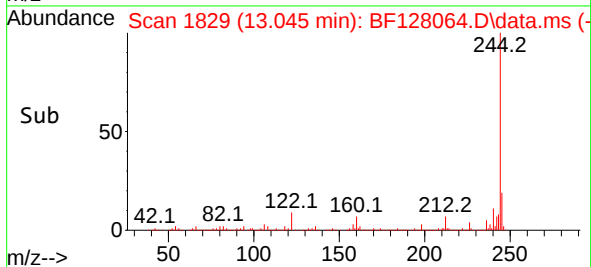
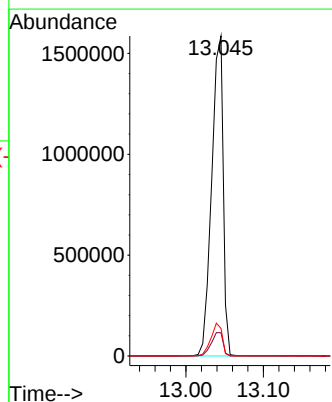
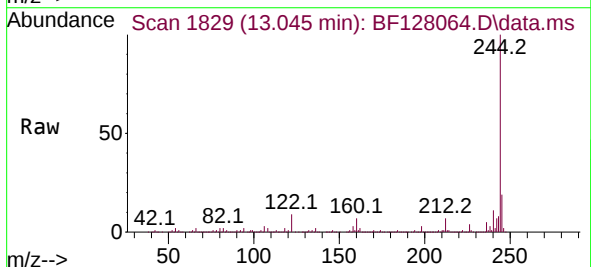
Instrument :
BNA_F
ClientSampleId :
PB144524TB

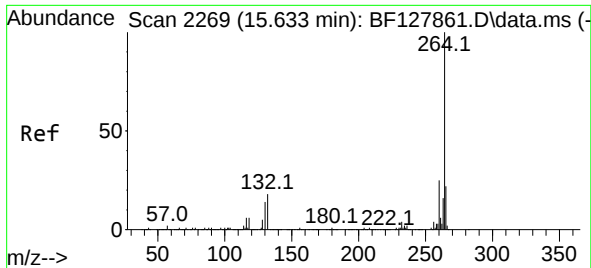
Tgt Ion:240 Resp: 351992
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 85.161 ng
RT: 13.045 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

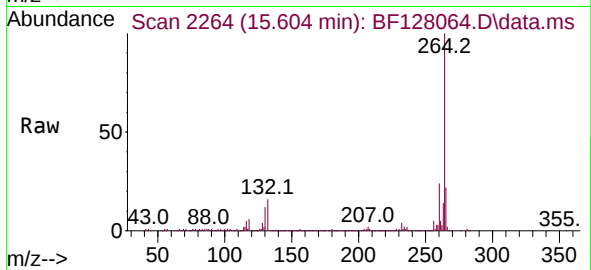
Tgt Ion:244 Resp: 1639322
Ion Ratio Lower Upper
244 100
212 7.2 6.2 9.4
122 8.6 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128064.D
Acq: 04 May 2022 11:25

Instrument :
BNA_F
ClientSampleId :
PB144524TB



Tgt Ion:264 Resp: 276667

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	22.4	17.5	26.3

