

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128019.D
 Acq On : 02 May 2022 11:50
 Operator : CG\JU
 Sample : PB144471BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144471BL

Quant Time: May 02 14:37:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

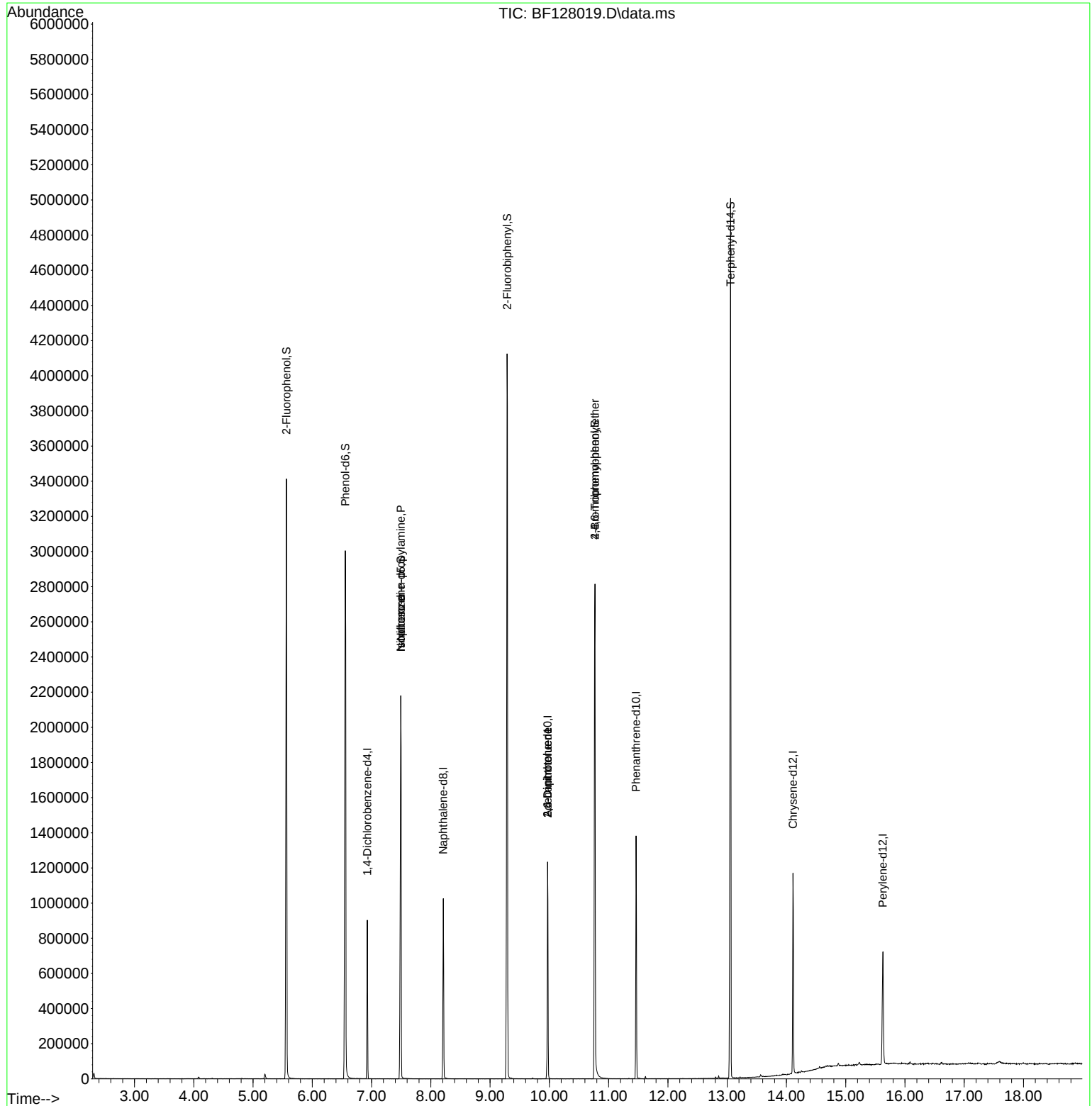
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	113646	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	453411	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	264443	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	500899	20.000	ng	0.00
76) Chrysene-d12	14.110	240	391430	20.000	ng	0.00
86) Perylene-d12	15.627	264	309651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	917741	128.624	ng	0.01
7) Phenol-d6	6.557	99	1222812	132.079	ng	0.00
23) Nitrobenzene-d5	7.493	82	891952	92.506	ng	-0.01
42) 2,4,6-Tribromophenol	10.769	330	367027	137.873	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1460270	93.419	ng	0.00
79) Terphenyl-d14	13.057	244	1860758	86.925	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.493	70	121762	21.485	ng	# 81
25) Isophorone	7.493	82	888048	54.722	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	33641	8.761	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	33641	6.614	ng	# 26
67) 4-Bromophenyl-phenylether	10.769	248	22720	4.092	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
Data File : BF128019.D
Acq On : 02 May 2022 11:50
Operator : CG\JU
Sample : PB144471BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB144471BL

Quant Time: May 02 14:37:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

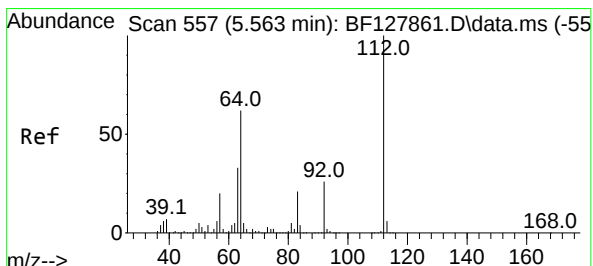
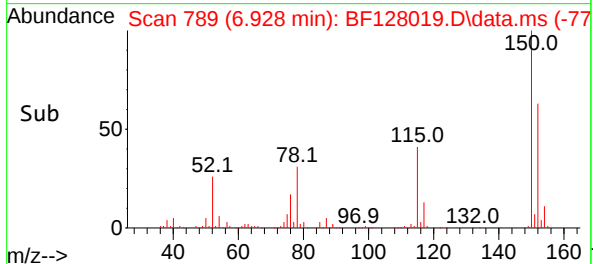
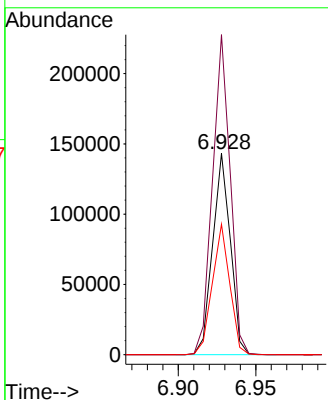
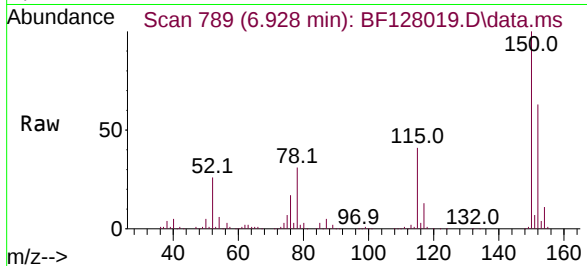




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

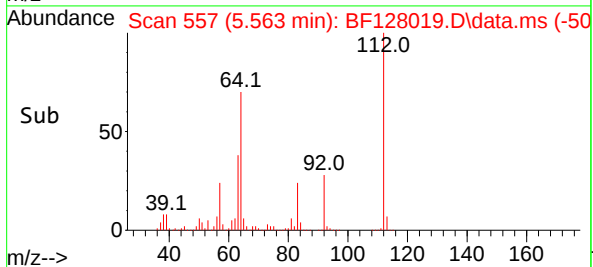
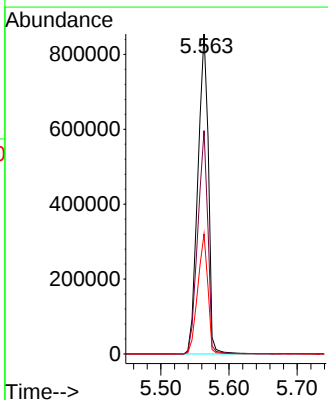
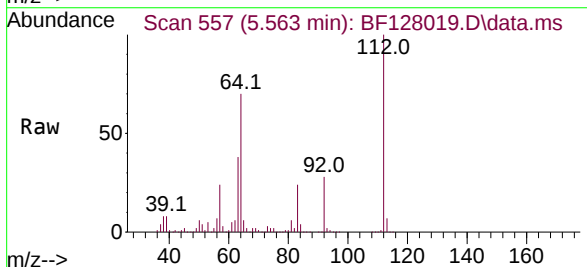
Instrument :
BNA_F
ClientSampleId :
PB144471BL

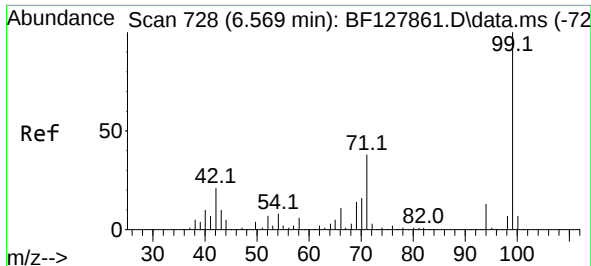
Tgt Ion:152 Resp: 113646
Ion Ratio Lower Upper
152 100
150 159.0 125.3 187.9
115 64.8 48.8 73.2



#5
2-Fluorophenol
Concen: 128.624 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.012 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

Tgt Ion:112 Resp: 917741
Ion Ratio Lower Upper
112 100
64 69.8 49.5 74.3
63 37.5 26.3 39.5

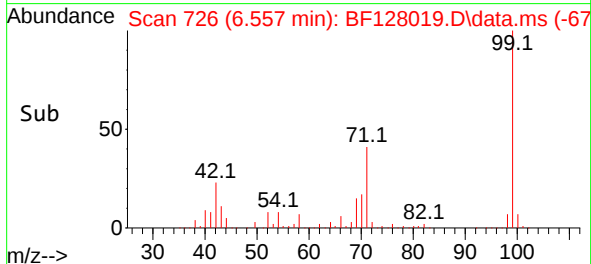
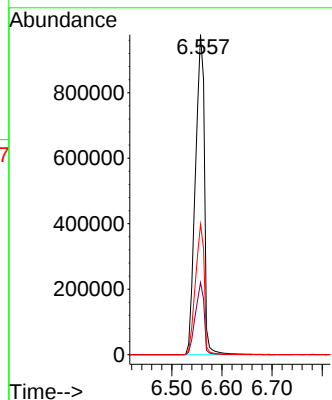
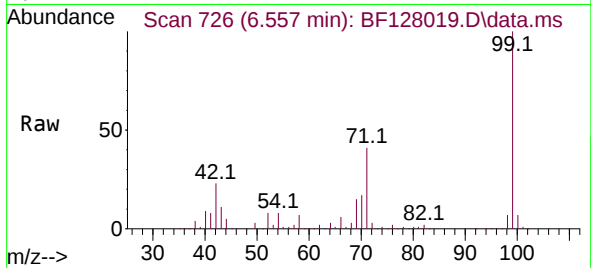




#7
Phenol-d6
Concen: 132.079 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

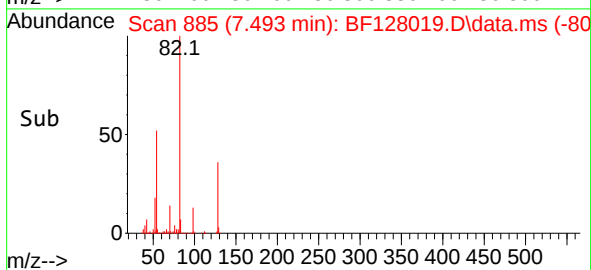
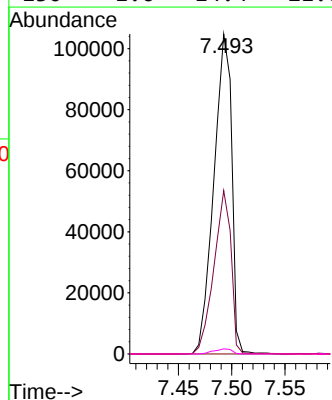
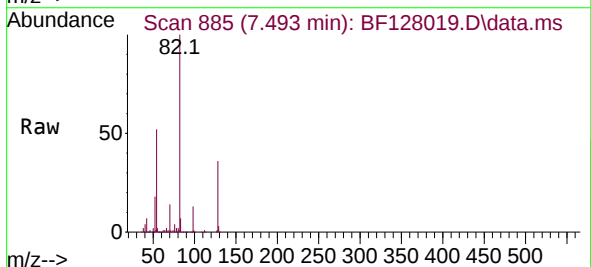
Instrument :
BNA_F
ClientSampleId :
PB144471BL

Tgt Ion: 99 Resp: 1222812
Ion Ratio Lower Upper
99 100
42 22.5 16.6 24.8
71 40.8 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.485 ng
RT: 7.493 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

Tgt Ion: 70 Resp: 121762
Ion Ratio Lower Upper
70 100
42 51.1 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#



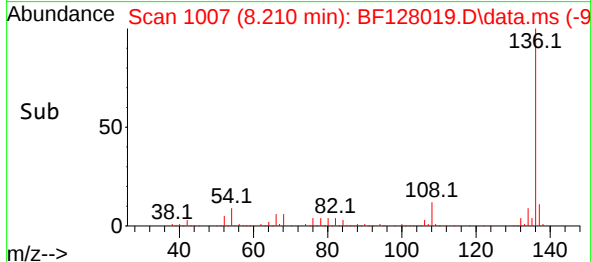
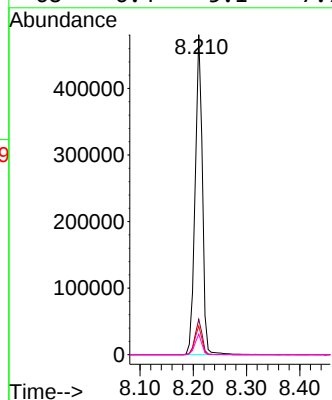
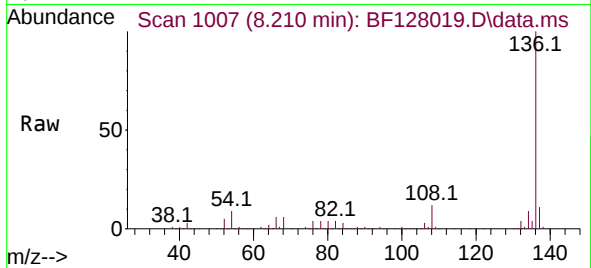


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

Instrument :
BNA_F
ClientSampleId :
PB144471BL

Tgt Ion:136 Resp: 453411

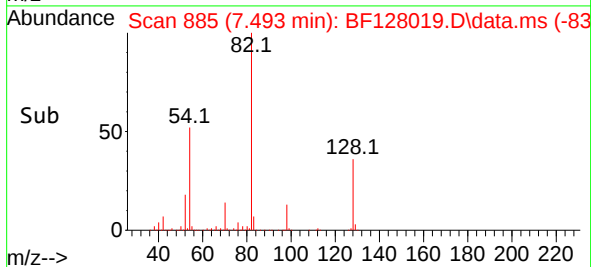
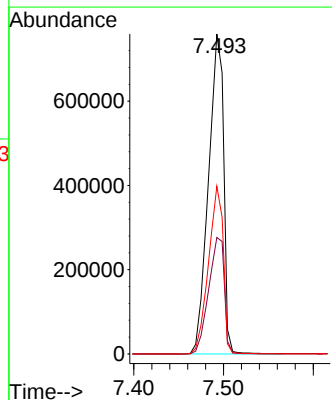
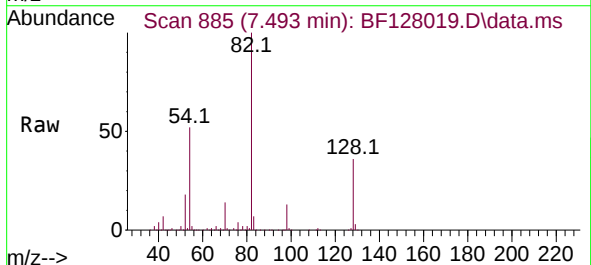
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.9	6.8	10.2
68	6.4	5.1	7.7



#23
Nitrobenzene-d5
Concen: 92.506 ng
RT: 7.493 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

Tgt Ion: 82 Resp: 891952

Ion	Ratio	Lower	Upper
82	100		
128	36.4	30.0	45.0
54	52.4	41.3	61.9

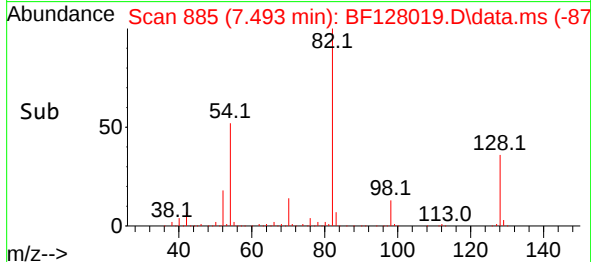
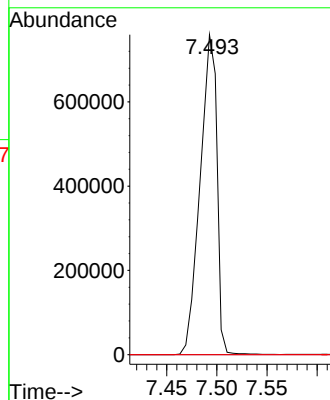
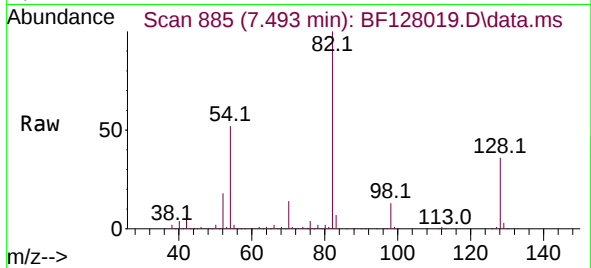




#25
Isophorone
Concen: 54.722 ng
RT: 7.493 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

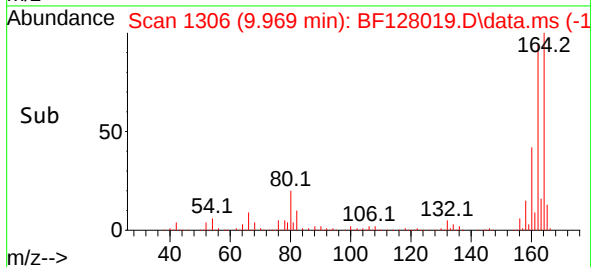
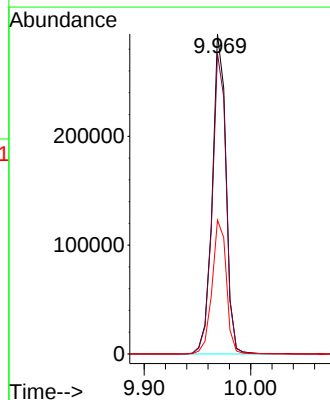
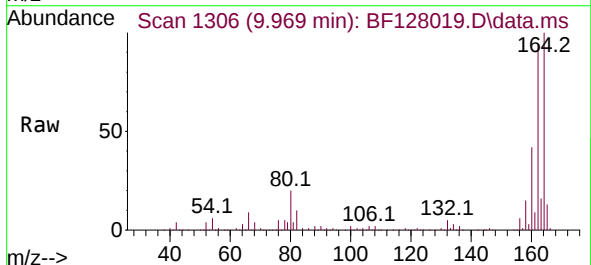
Instrument :
BNA_F
ClientSampleId :
PB144471BL

Tgt Ion: 82 Resp: 888048
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: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

Tgt Ion: 164 Resp: 264443
Ion Ratio Lower Upper
164 100
162 93.9 76.0 114.0
160 41.9 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 137.873 ng

RT: 10.769 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF128019.D

Acq: 02 May 2022 11:50

Instrument :

BNA_F

ClientSampleId :

PB144471BL

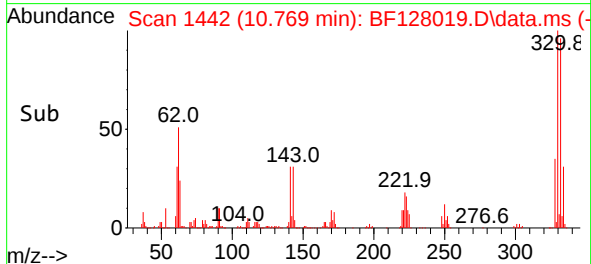
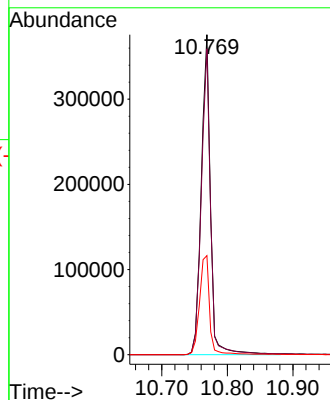
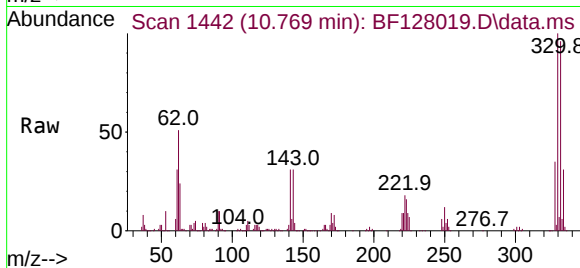
Tgt Ion:330 Resp: 367027

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

141 34.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 93.419 ng

RT: 9.287 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF128019.D

Acq: 02 May 2022 11:50

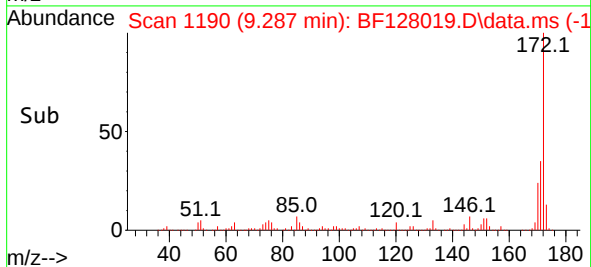
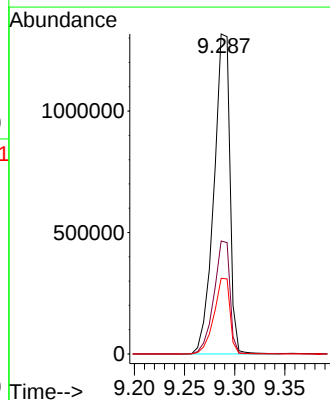
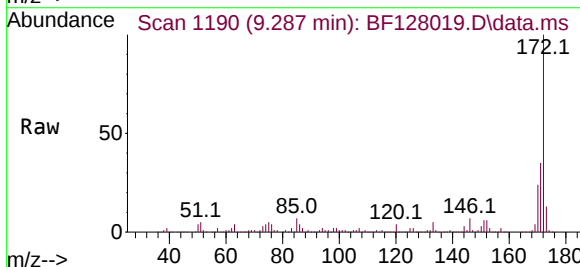
Tgt Ion:172 Resp: 1460270

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.6 19.1 28.7

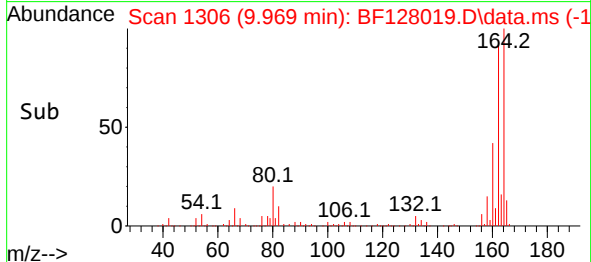
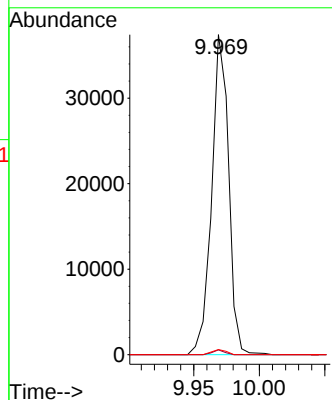
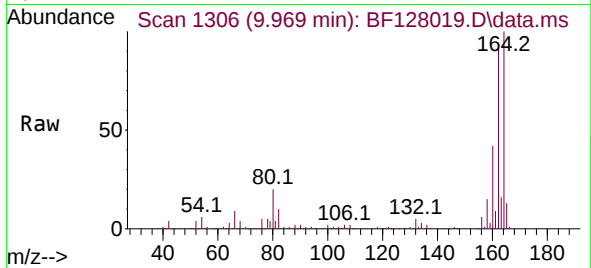




#51
2,6-Dinitrotoluene
Concen: 8.761 ng
RT: 9.969 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

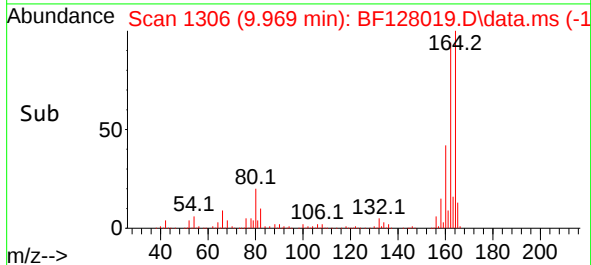
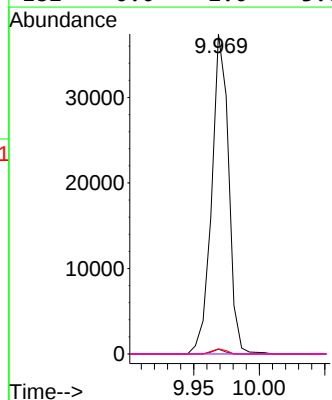
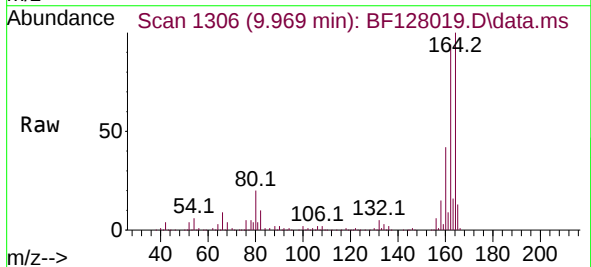
Instrument :
BNA_F
ClientSampleId :
PB144471BL

Tgt Ion:165 Resp: 33641
Ion Ratio Lower Upper
165 100
63 1.5 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.614 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

Tgt Ion:165 Resp: 33641
Ion Ratio Lower Upper
165 100
63 1.5 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#

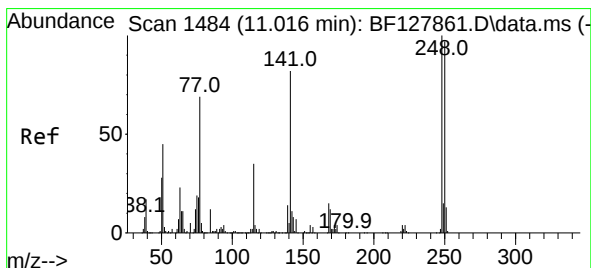
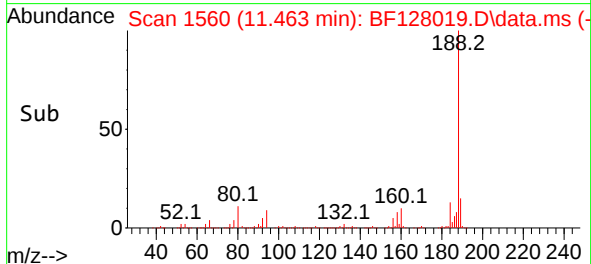
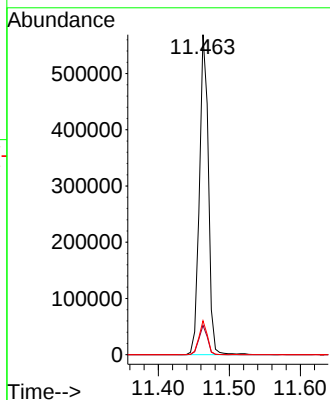
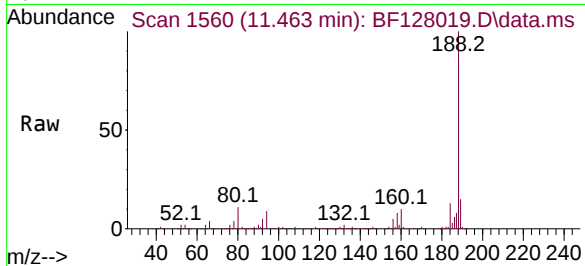




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

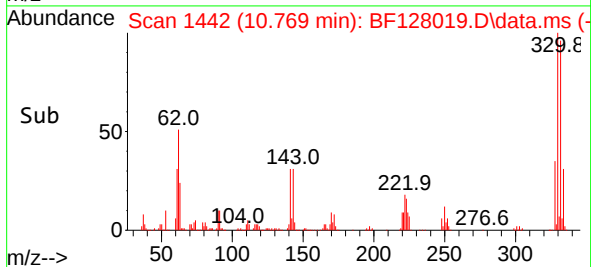
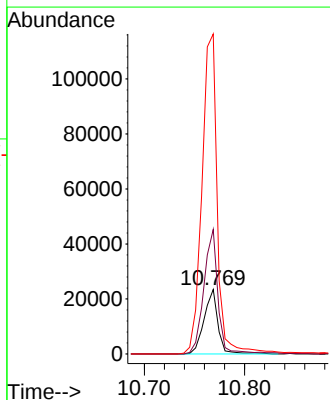
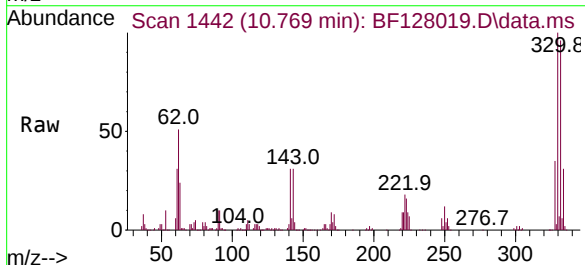
Instrument :
BNA_F
ClientSampleId :
PB144471BL

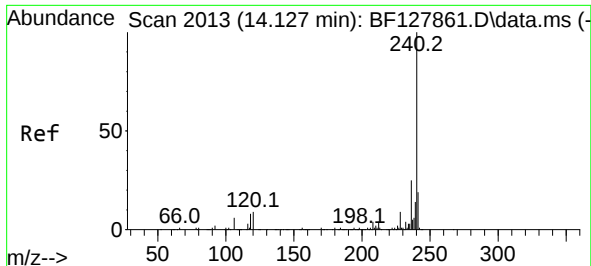
Tgt Ion:188 Resp: 500899
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.6 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.092 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

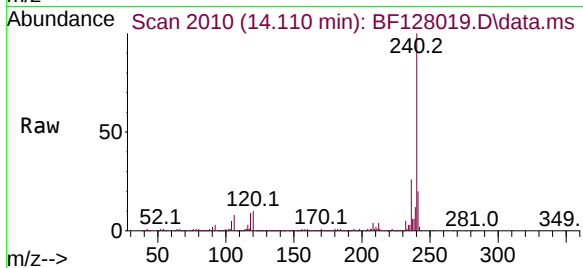
Tgt Ion:248 Resp: 22720
Ion Ratio Lower Upper
248 100
250 193.4 77.7 116.5#
141 496.8 65.6 98.4#



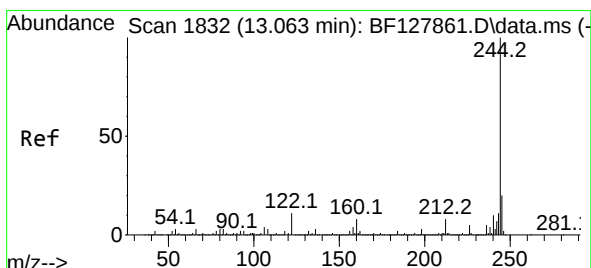
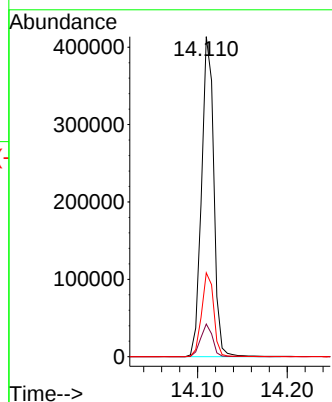
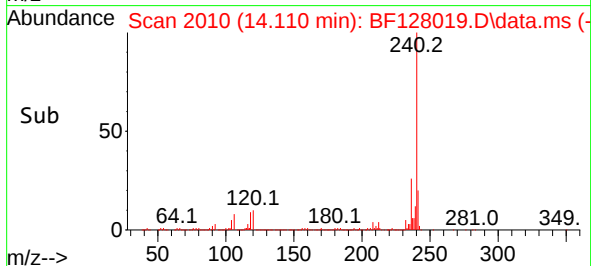


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

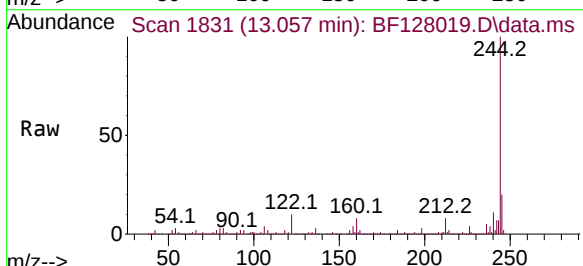
Instrument :
BNA_F
ClientSampleId :
PB144471BL



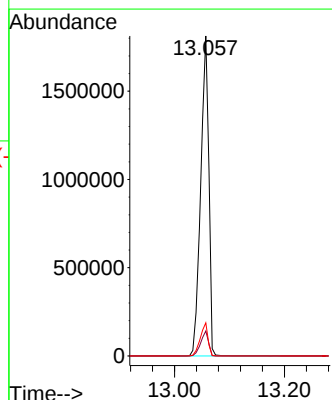
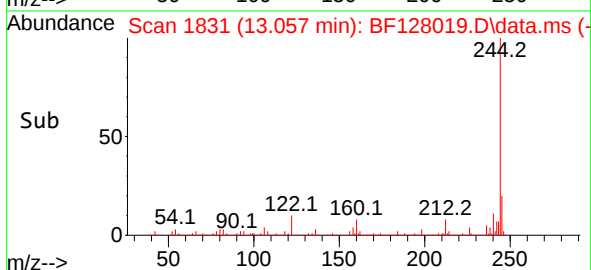
Tgt Ion:240 Resp: 391430
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.6
236 26.2 20.3 30.5

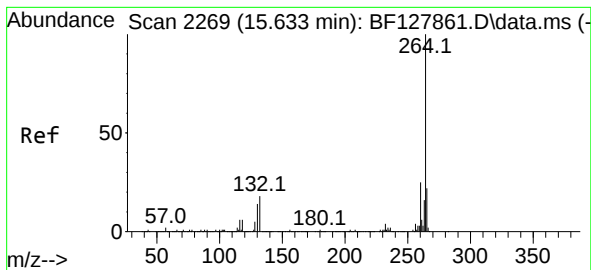


#79
Terphenyl-d14
Concen: 86.925 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.000 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50



Tgt Ion:244 Resp: 1860758
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 10.3 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF128019.D
Acq: 02 May 2022 11:50

Instrument :
BNA_F
ClientSampleId :
PB144471BL

Tgt Ion:264 Resp: 309651
Ion Ratio Lower Upper
264 100
260 23.2 20.1 30.1
265 21.3 17.5 26.3

