

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126496.D
 Acq On : 5 Jan 2022 14:53
 Operator : JU/CG
 Sample : PB141762BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141762BL

Quant Time: Jan 06 01:09:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

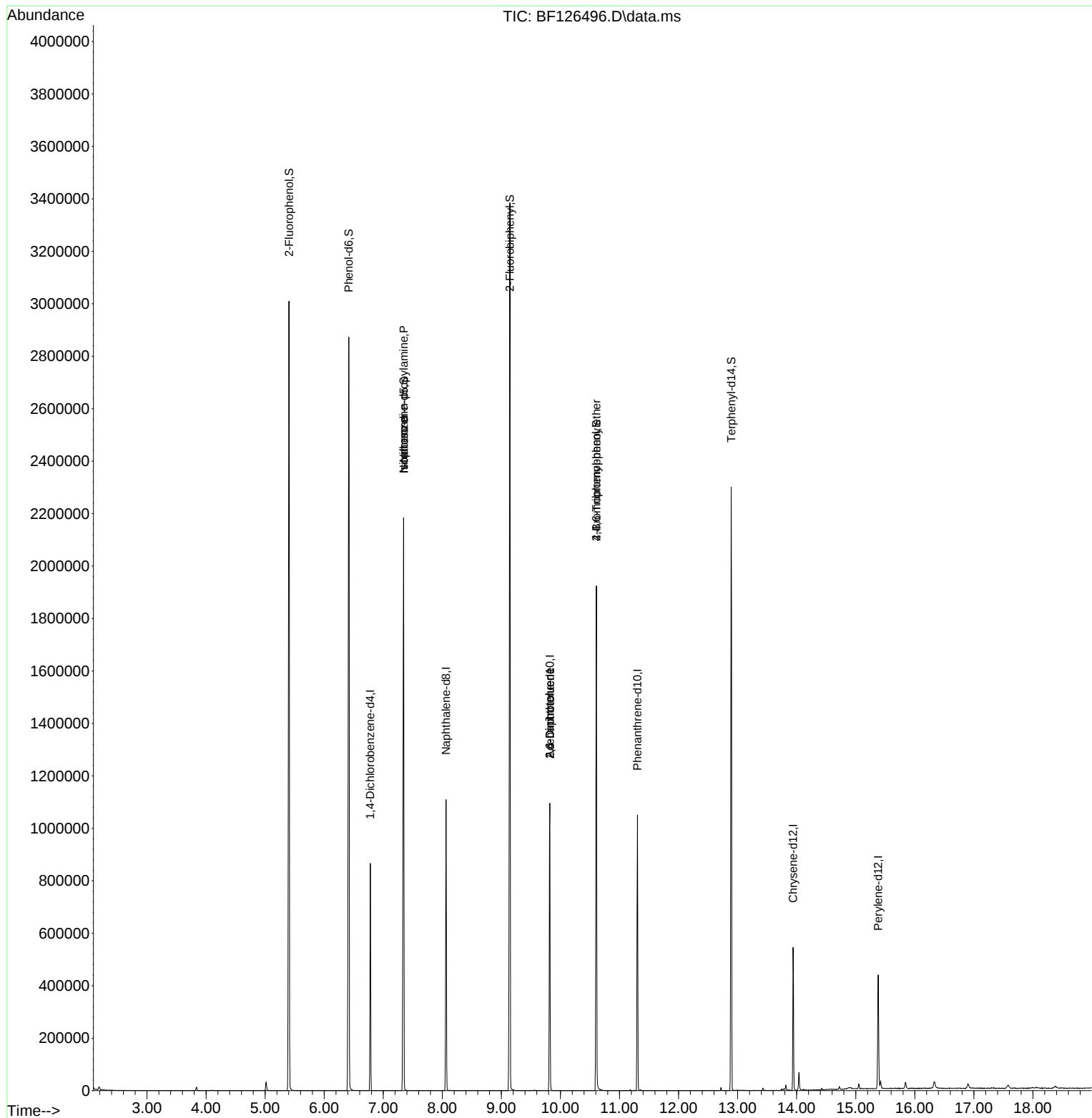
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	117224	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	493581	20.000	ng	0.00
39) Acenaphthene-d10	9.821	164	231415	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	348240	20.000	ng	0.00
76) Chrysene-d12	13.939	240	178719	20.000	ng	-0.01
86) Perylene-d12	15.380	264	179884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	983663	120.504	ng	0.01
7) Phenol-d6	6.416	99	1239514	117.238	ng	0.00
23) Nitrobenzene-d5	7.345	82	799033	83.122	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	234691	131.241	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1090841	82.950	ng	0.00
79) Terphenyl-d14	12.892	244	788071	85.675	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	98976	16.405	ng	# 79
25) Isophorone	7.345	82	798764	46.417	ng	# 69
51) 2,6-Dinitrotoluene	9.821	165	29508	9.458	ng	# 21
57) 2,4-Dinitrotoluene	9.821	165	29508	7.331	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	12226	3.955	ng	# 1
77) Benzydine	12.892	184	9479	Below Cal		# 91

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

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QLast Update : Wed Jan 05 01:57:07 2022
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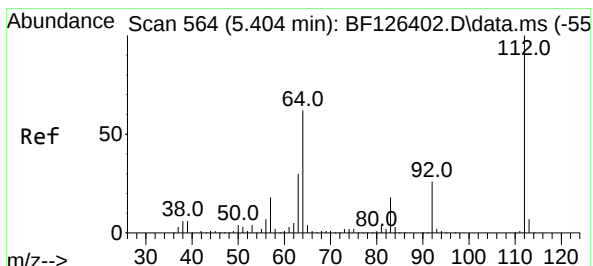
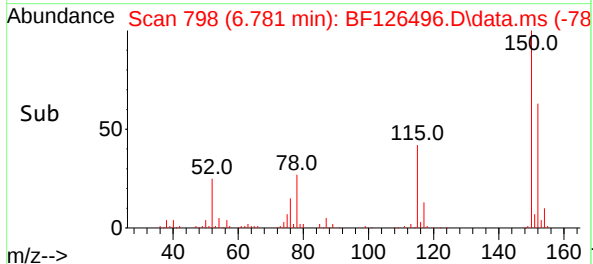
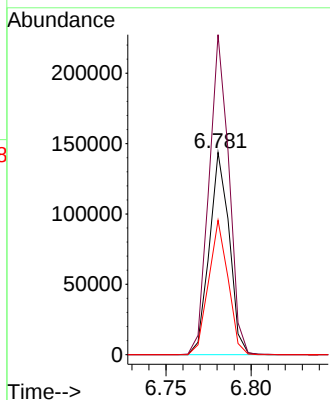
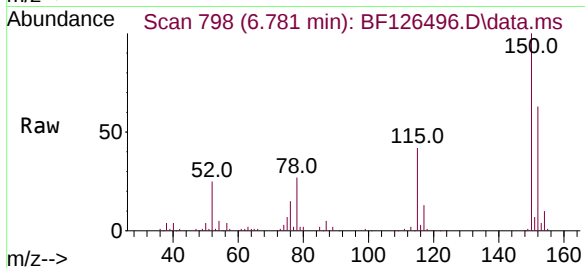




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

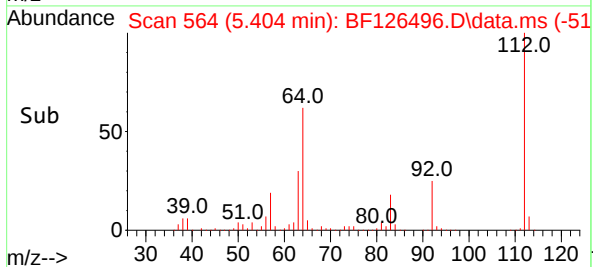
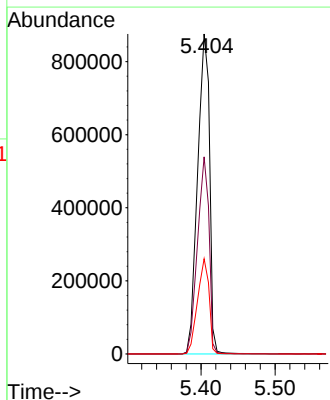
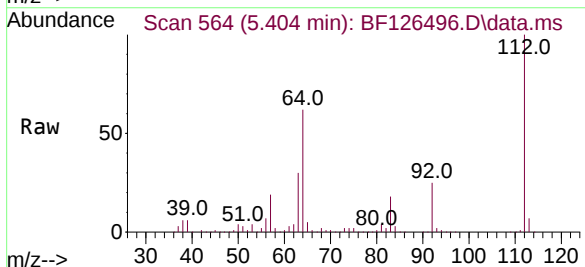
Instrument :
BNA_F
ClientSampleId :
PB141762BL

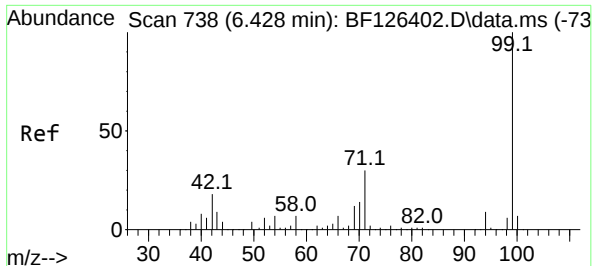
Tgt Ion:152 Resp: 117224
Ion Ratio Lower Upper
152 100
150 158.3 128.1 192.1
115 66.5 56.7 85.1



#5
2-Fluorophenol
Concen: 120.504 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

Tgt Ion:112 Resp: 983663
Ion Ratio Lower Upper
112 100
64 61.6 49.5 74.3
63 29.8 23.9 35.9

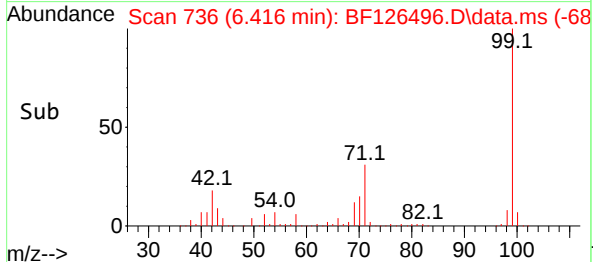
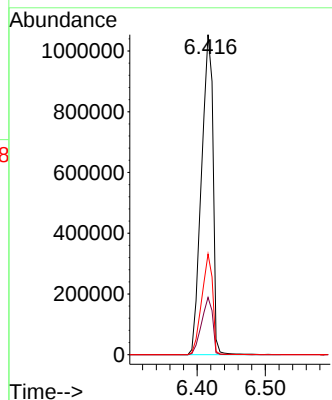
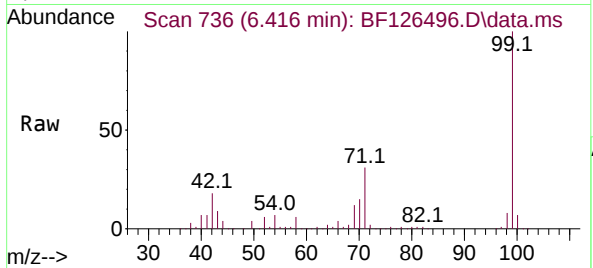




#7
Phenol-d6
Concen: 117.238 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

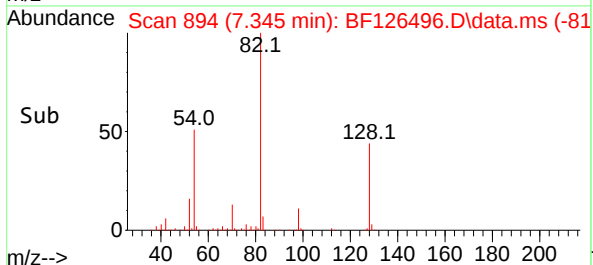
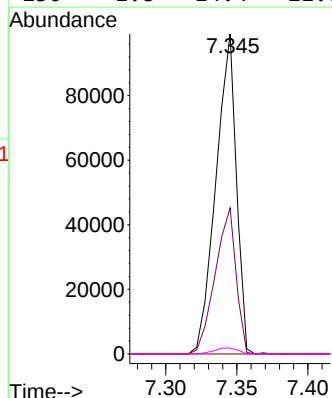
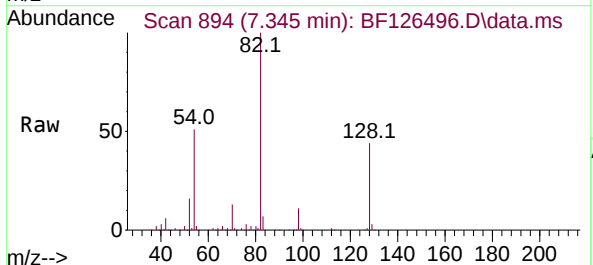
Instrument :
BNA_F
ClientSampleId :
PB141762BL

Tgt Ion: 99 Resp: 1239514
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 31.4 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.405 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

Tgt Ion: 70 Resp: 98976
Ion Ratio Lower Upper
70 100
42 45.7 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

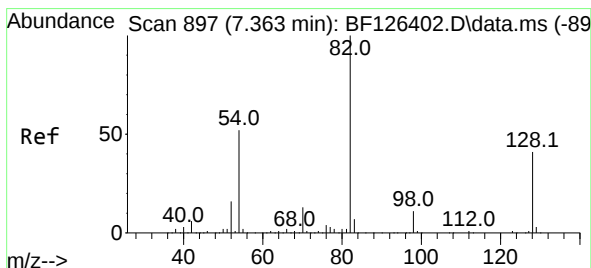
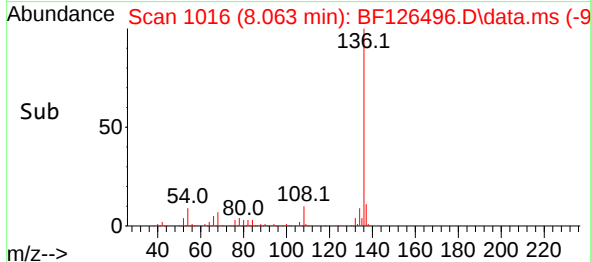
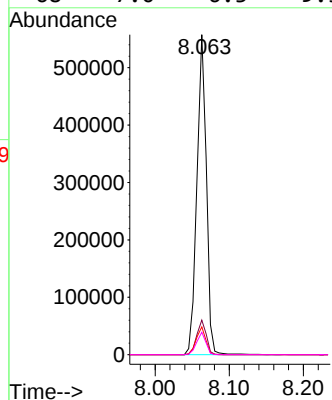
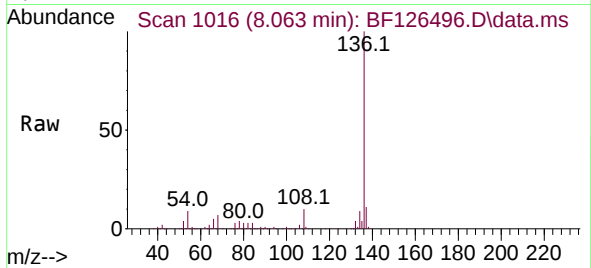




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

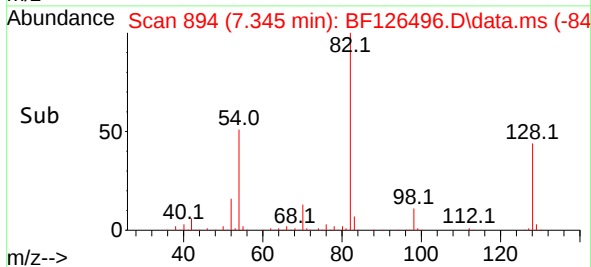
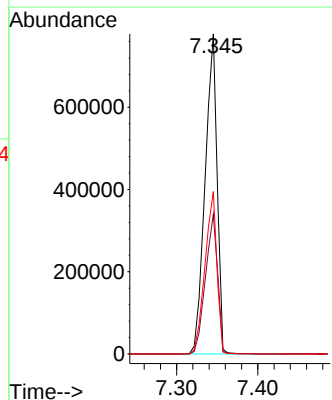
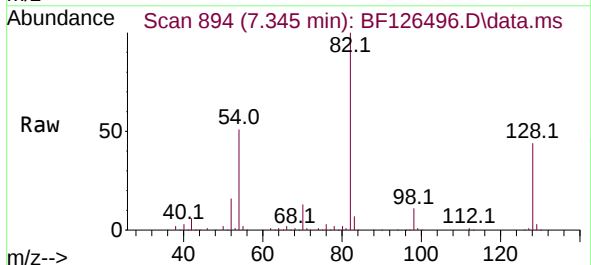
Instrument :
BNA_F
ClientSampleId :
PB141762BL

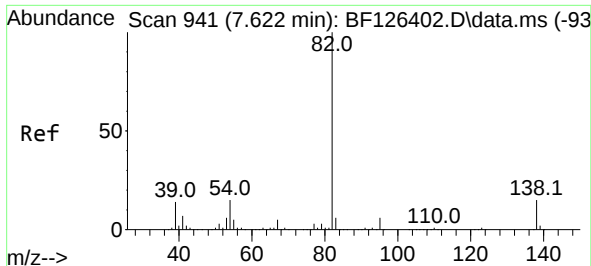
Tgt Ion:136 Resp: 493581
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.8 11.6
68 7.0 6.3 9.5



#23
Nitrobenzene-d5
Concen: 83.122 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

Tgt Ion: 82 Resp: 799033
Ion Ratio Lower Upper
82 100
128 43.7 32.7 49.1
54 50.7 41.7 62.5

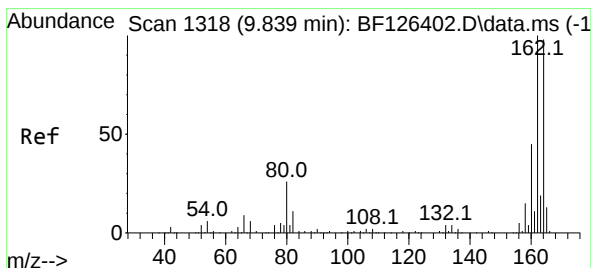
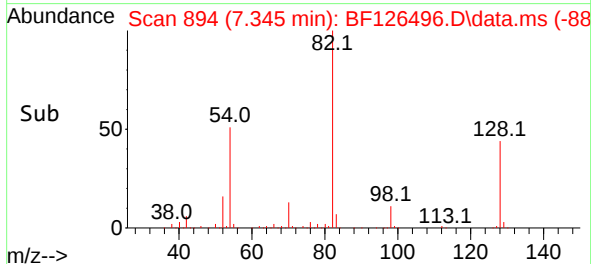
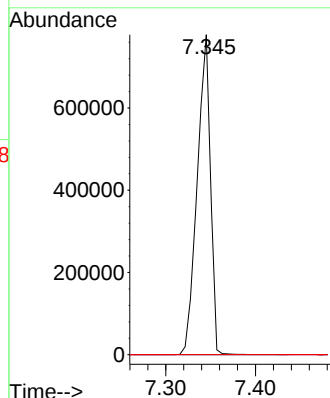
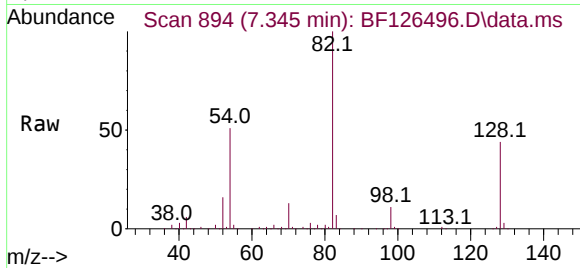




#25
Isophorone
Concen: 46.417 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

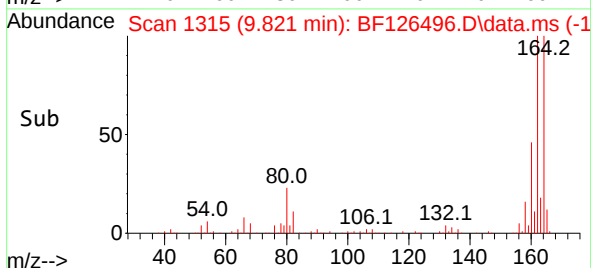
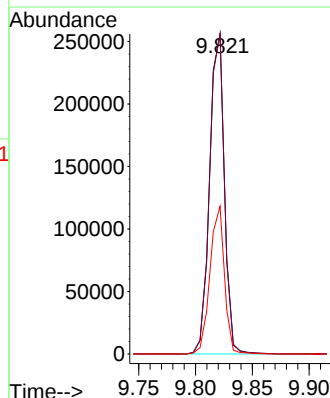
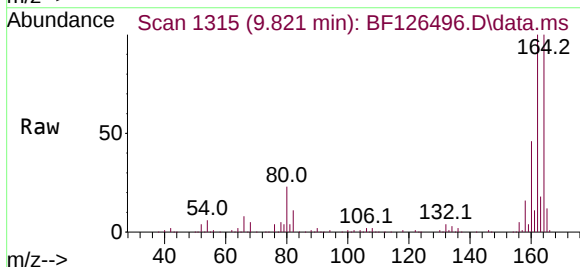
Instrument :
BNA_F
ClientSampleId :
PB141762BL

Tgt Ion: 82 Resp: 798764
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

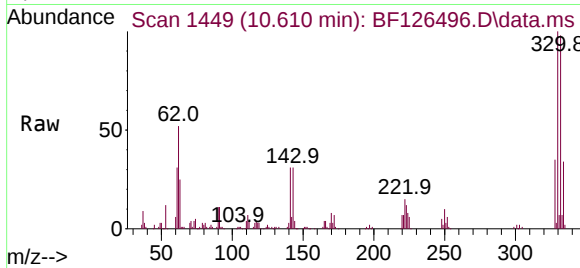
Tgt Ion:164 Resp: 231415
Ion Ratio Lower Upper
164 100
162 100.1 81.4 122.0
160 46.2 36.6 54.8



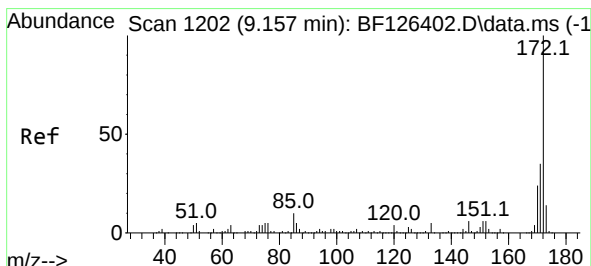
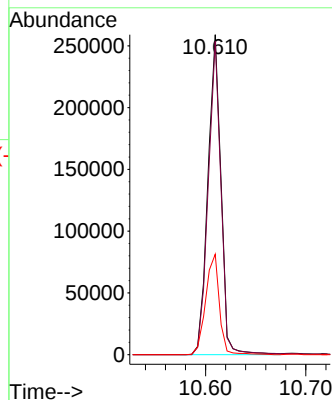
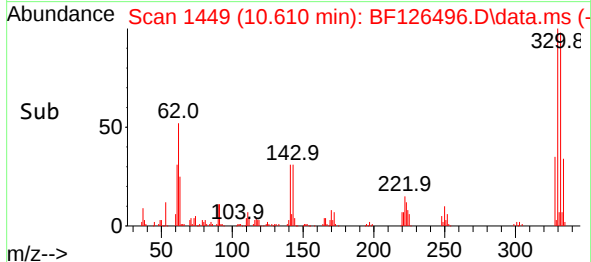


#42
2,4,6-Tribromophenol
Concen: 131.241 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

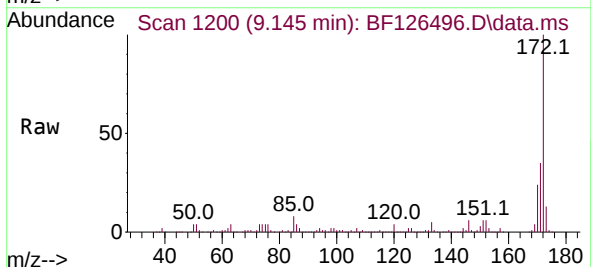
Instrument :
BNA_F
ClientSampleId :
PB141762BL



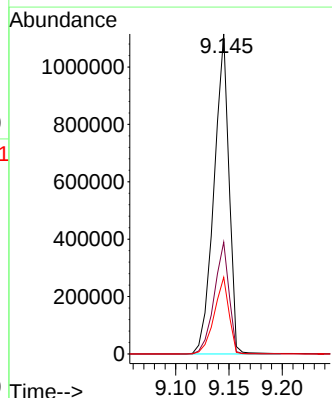
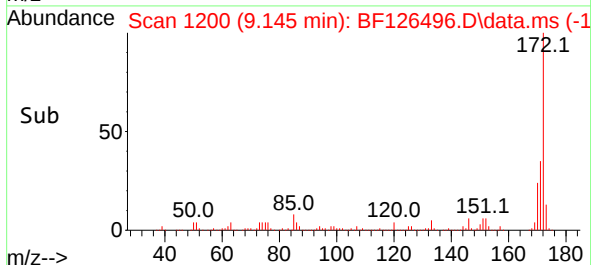
Tgt Ion:330 Resp: 234691
Ion Ratio Lower Upper
330 100
332 96.2 76.0 114.0
141 33.1 30.1 45.1

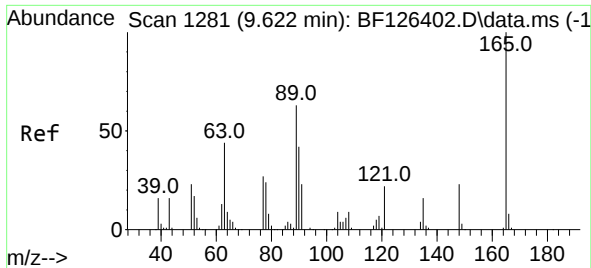


#45
2-Fluorobiphenyl
Concen: 82.950 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53



Tgt Ion:172 Resp: 1090841
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 24.0 19.0 28.6

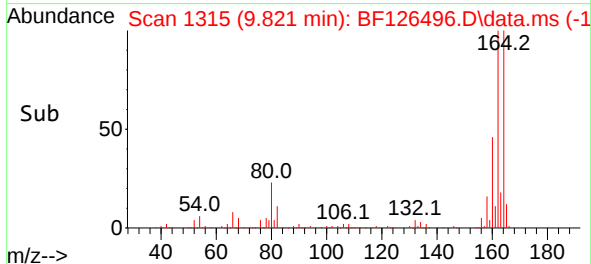
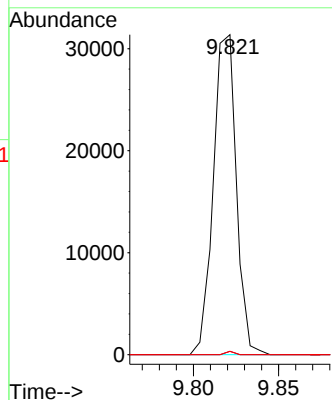
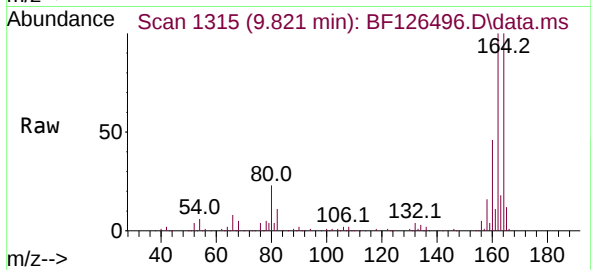




#51
2,6-Dinitrotoluene
Concen: 9.458 ng
RT: 9.821 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

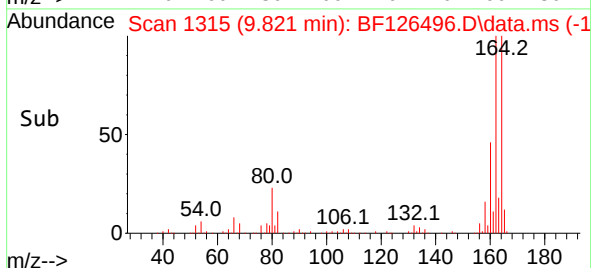
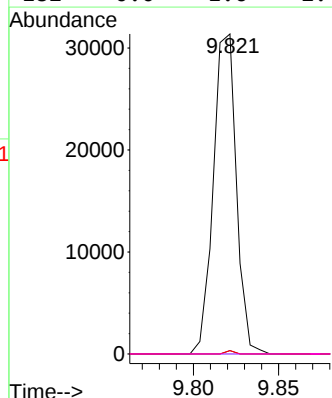
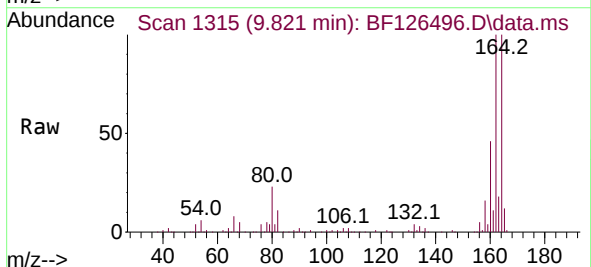
Instrument :
BNA_F
ClientSampleId :
PB141762BL

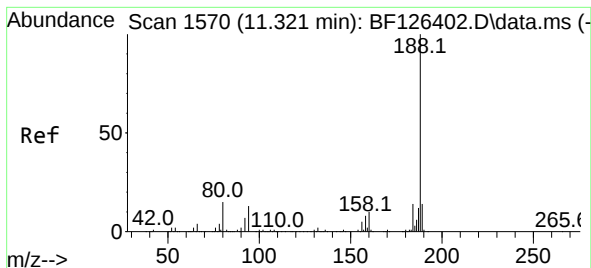
Tgt Ion:165 Resp: 29508
Ion Ratio Lower Upper
165 100
63 1.1 48.4 72.6#
89 1.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.331 ng
RT: 9.821 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

Tgt Ion:165 Resp: 29508
Ion Ratio Lower Upper
165 100
63 1.1 43.0 64.6#
89 1.0 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126496.D

Acq: 5 Jan 2022 14:53

Instrument :

BNA_F

ClientSampleId :

PB141762BL

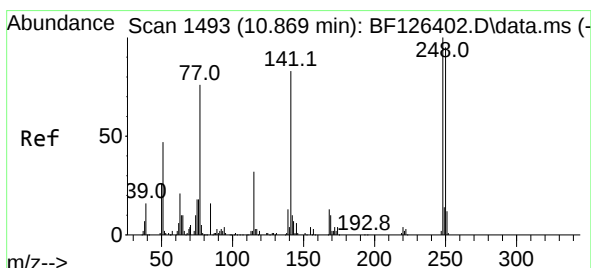
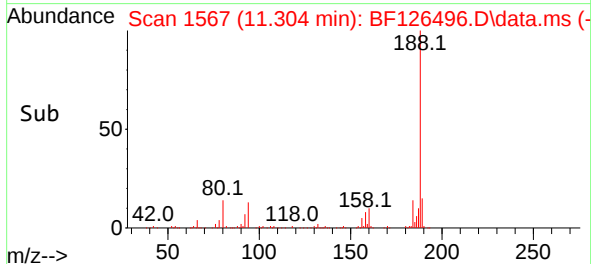
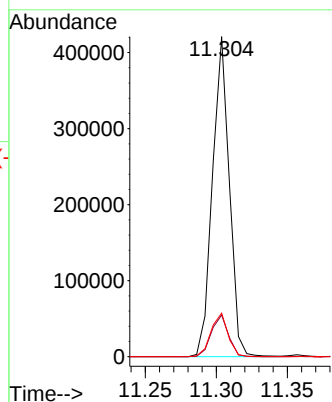
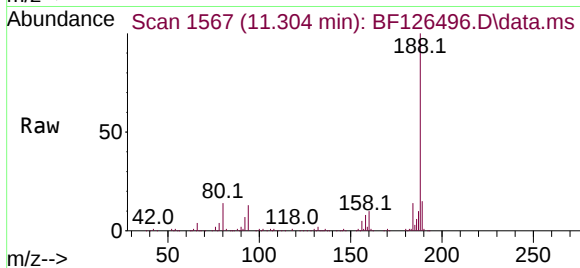
Tgt Ion:188 Resp: 348240

Ion Ratio Lower Upper

188 100

94 13.0 10.1 15.1

80 13.6 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.955 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF126496.D

Acq: 5 Jan 2022 14:53

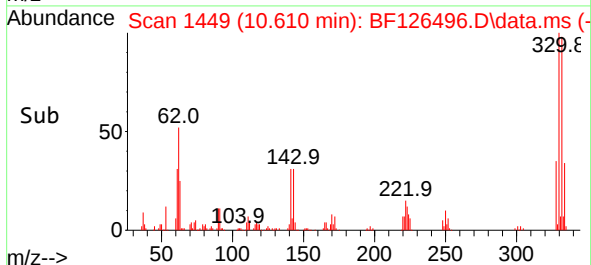
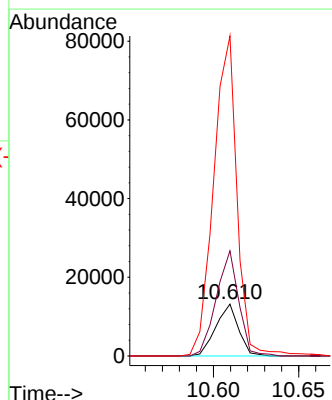
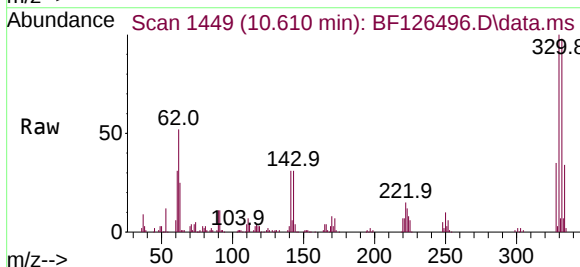
Tgt Ion:248 Resp: 12226

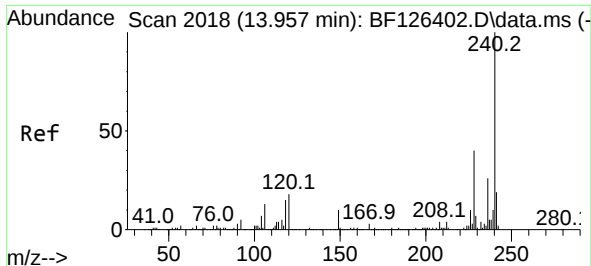
Ion Ratio Lower Upper

248 100

250 202.7 76.2 114.4#

141 617.0 66.2 99.4#

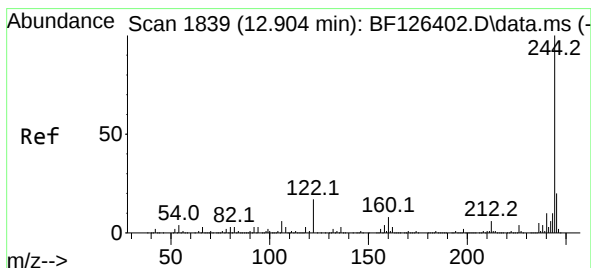
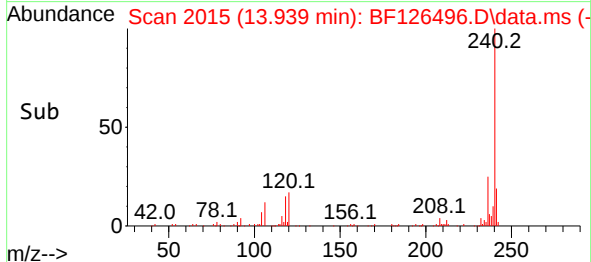
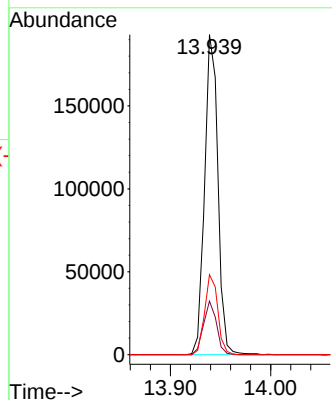
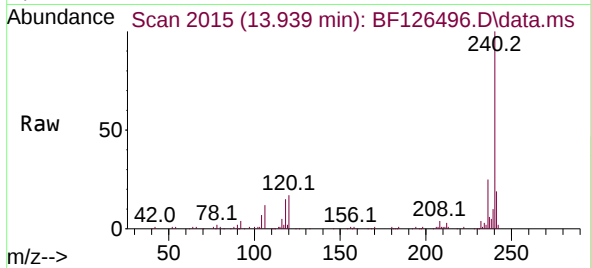




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

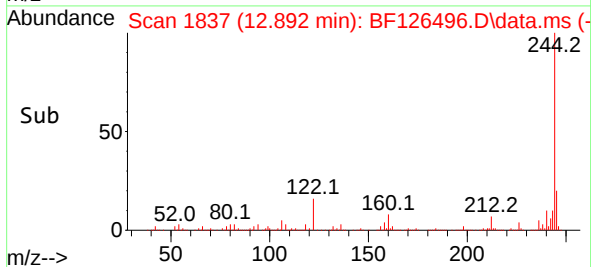
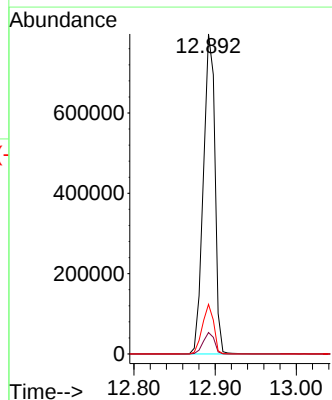
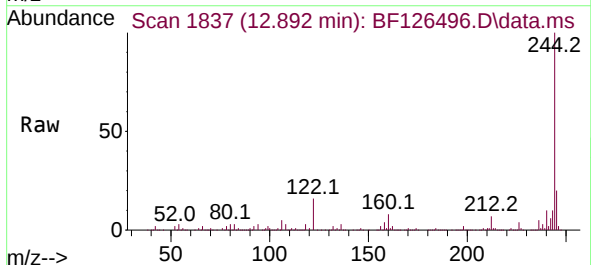
Instrument :
BNA_F
ClientSampleId :
PB141762BL

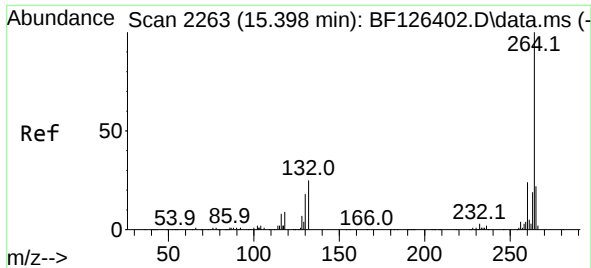
Tgt Ion:240 Resp: 178719
Ion Ratio Lower Upper
240 100
120 16.7 14.4 21.6
236 25.0 20.5 30.7



#79
Terphenyl-d14
Concen: 85.675 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

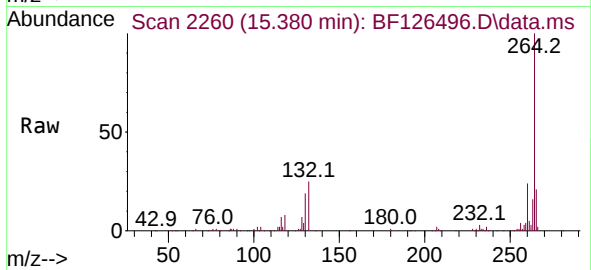
Tgt Ion:244 Resp: 788071
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 15.5 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126496.D
Acq: 5 Jan 2022 14:53

Instrument :
BNA_F
ClientSampleId :
PB141762BL



Tgt Ion:264 Resp: 179884

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.2	17.4	26.2

