

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010622\
 Data File : BF126514.D
 Acq On : 6 Jan 2022 11:53
 Operator : JU/CG
 Sample : PB141782TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141782TB

Quant Time: Jan 07 08:31:26 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)

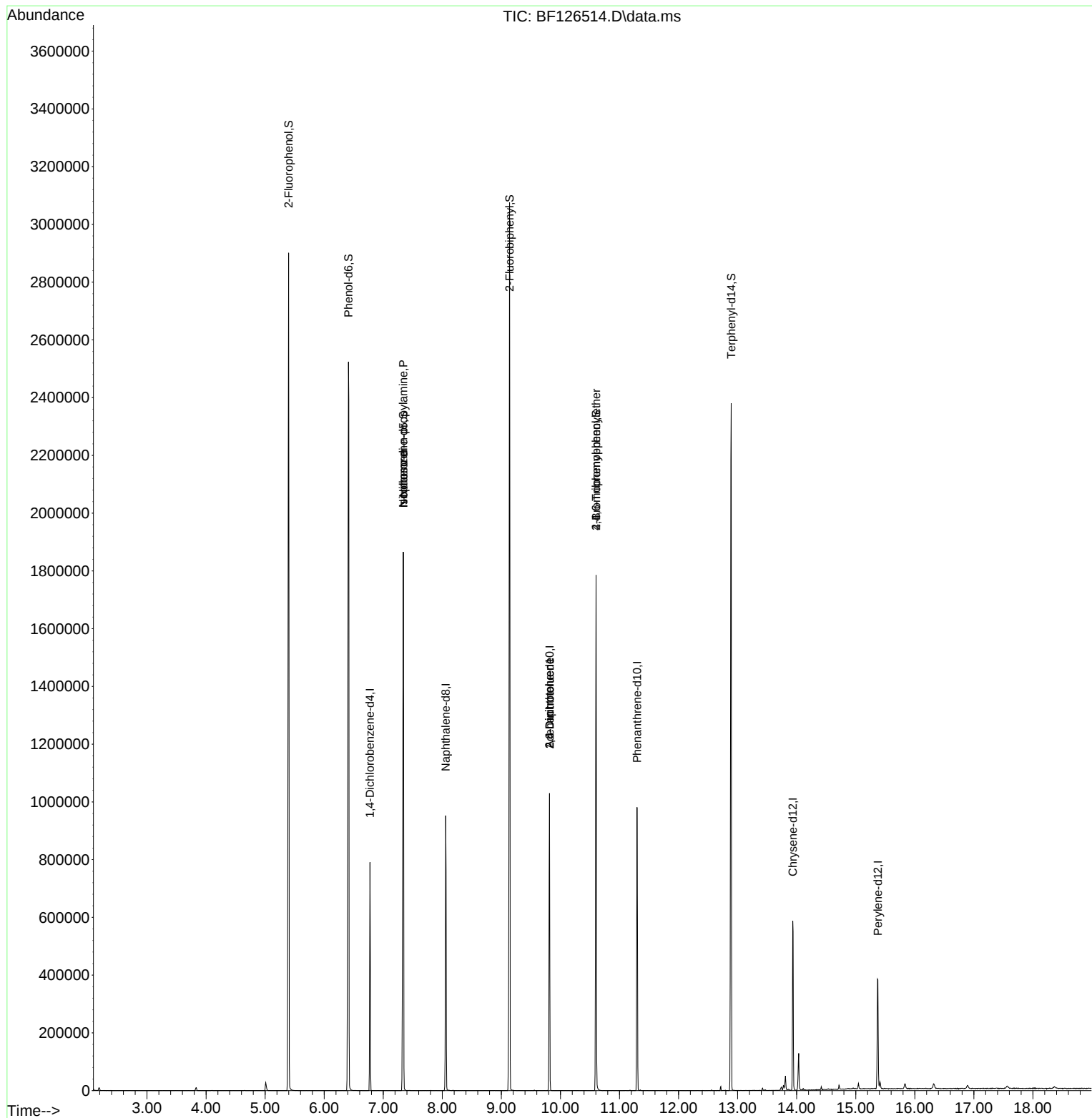
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	107430	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	443825	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	199880	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	318323	20.000	ng	-0.01
76) Chrysene-d12	13.933	240	202280	20.000	ng	-0.02
86) Perylene-d12	15.374	264	162819	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	903878	120.825	ng	0.00
7) Phenol-d6	6.410	99	1127961	116.413	ng	-0.01
23) Nitrobenzene-d5	7.339	82	720847	83.395	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	214800	139.068	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	974161	85.764	ng	-0.01
79) Terphenyl-d14	12.892	244	856700	82.288	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.339	70	90591	16.384	ng	# 79
25) Isophorone	7.339	82	720661	46.574	ng	# 69
51) 2,6-Dinitrotoluene	9.816	165	26528	9.844	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	26528	7.630	ng	# 15
67) 4-Bromophenyl-phenylether	10.604	248	11120	3.936	ng	# 1
77) Benzidine	12.892	184	10862	Below Cal		96

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

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Quant Time: Jan 07 08:31:26 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

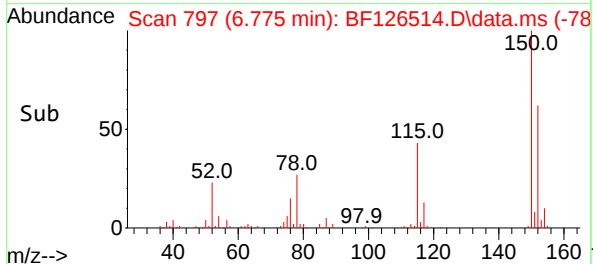
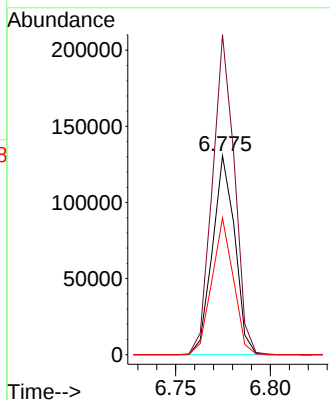
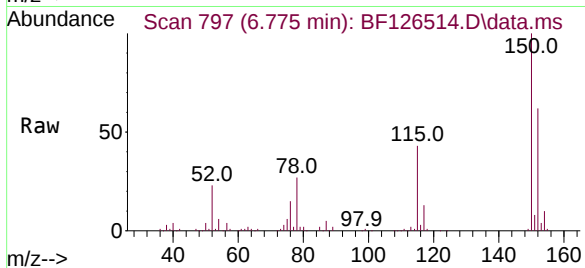




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

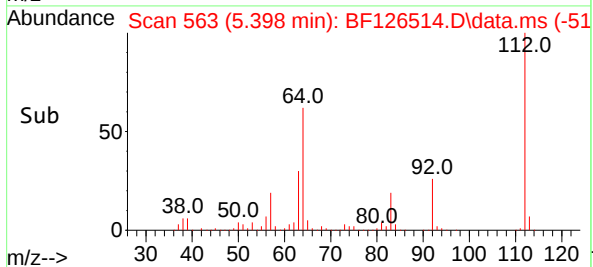
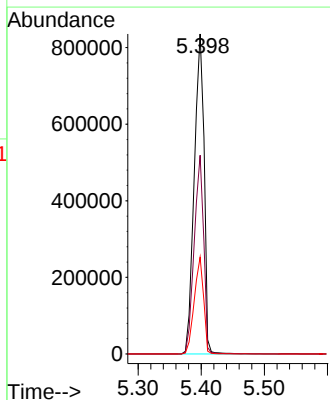
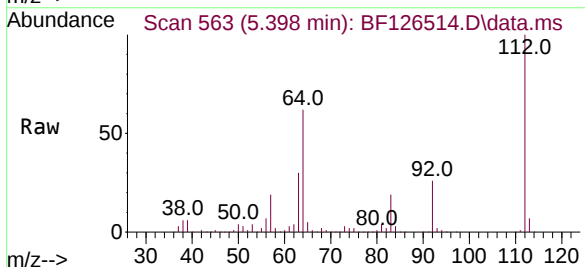
Instrument :
BNA_F
ClientSampleId :
PB141782TB

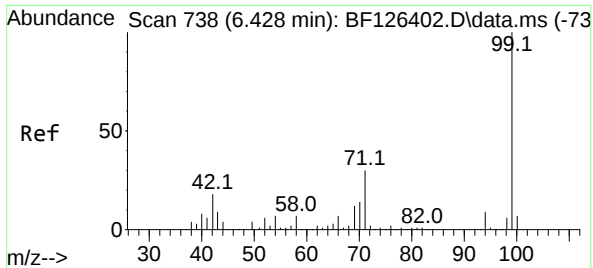
Tgt Ion:152 Resp: 107430
Ion Ratio Lower Upper
152 100
150 160.8 128.1 192.1
115 68.7 56.7 85.1



#5
2-Fluorophenol
Concen: 120.825 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

Tgt Ion:112 Resp: 903878
Ion Ratio Lower Upper
112 100
64 62.1 49.5 74.3
63 30.3 23.9 35.9

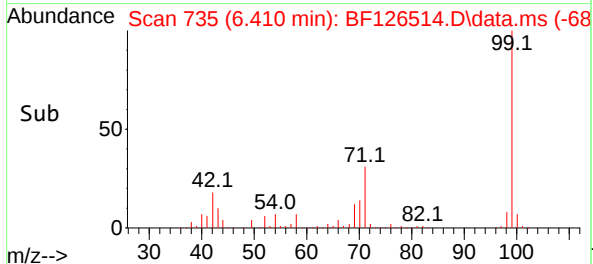
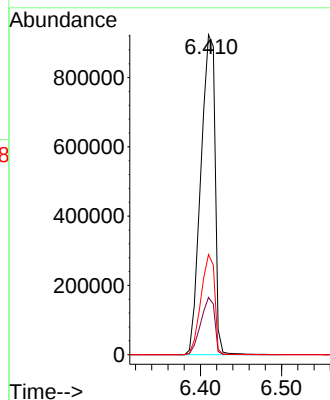
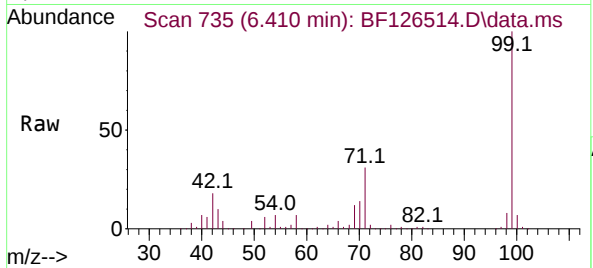




#7
Phenol-d6
Concen: 116.413 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

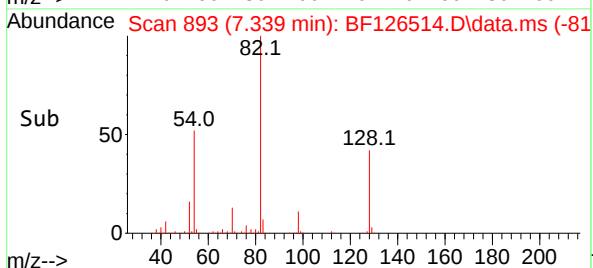
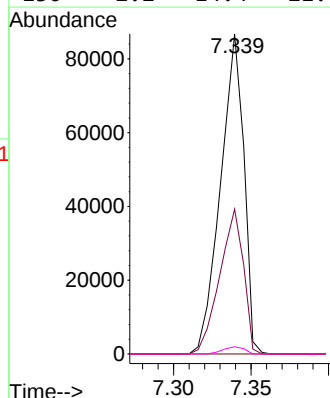
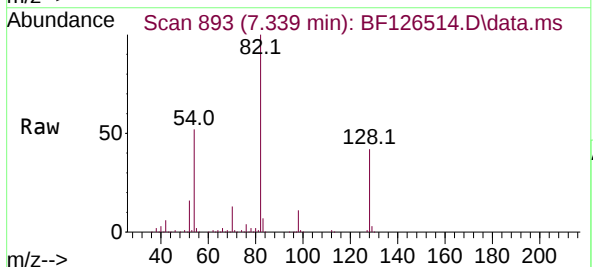
Instrument :
BNA_F
ClientSampleId :
PB141782TB

Tgt Ion: 99 Resp: 1127961
Ion Ratio Lower Upper
99 100
42 17.9 14.2 21.4
71 31.3 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.384 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.135 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

Tgt Ion: 70 Resp: 90591
Ion Ratio Lower Upper
70 100
42 45.3 45.8 68.8#
101 0.0 6.9 10.3#
130 2.2 14.4 21.6#

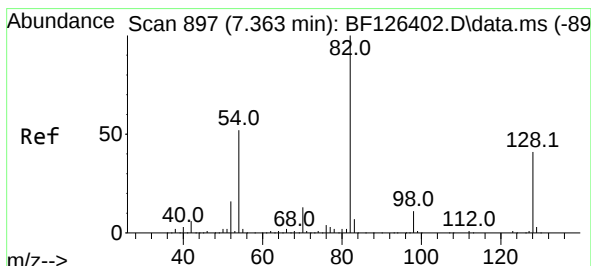
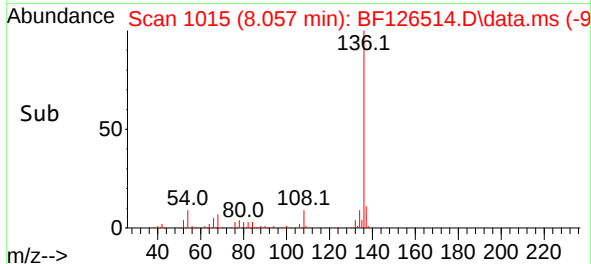
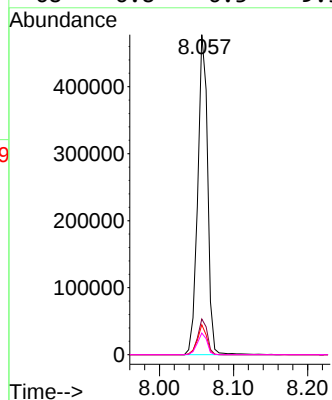
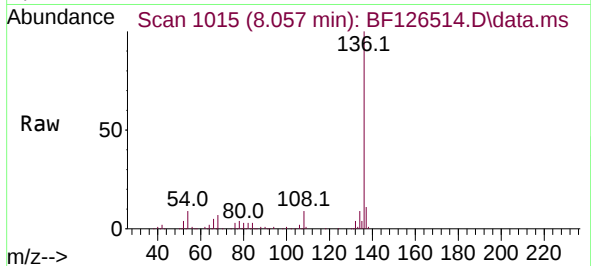




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

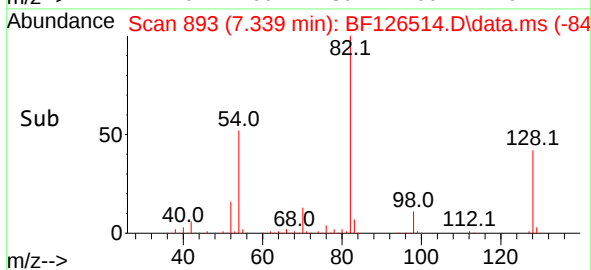
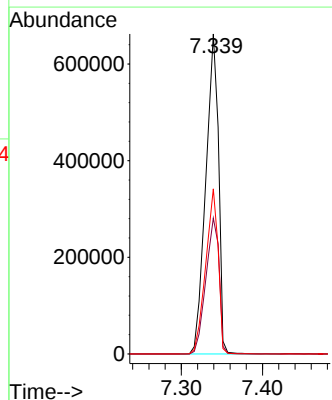
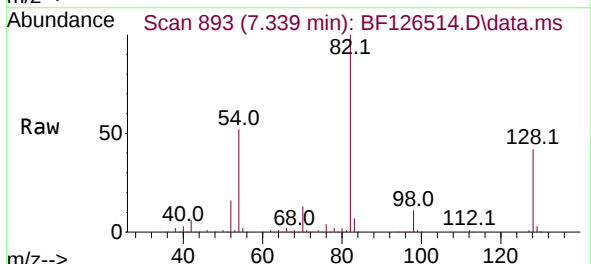
Instrument :
BNA_F
ClientSampleId :
PB141782TB

Tgt Ion:136	Resp: 443825
Ion Ratio	Lower Upper
136 100	
137 11.2	8.6 13.0
54 9.4	7.8 11.6
68 6.8	6.3 9.5



#23
Nitrobenzene-d5
Concen: 83.395 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

Tgt Ion: 82	Resp: 720847
Ion Ratio	Lower Upper
82 100	
128 42.4	32.7 49.1
54 51.6	41.7 62.5

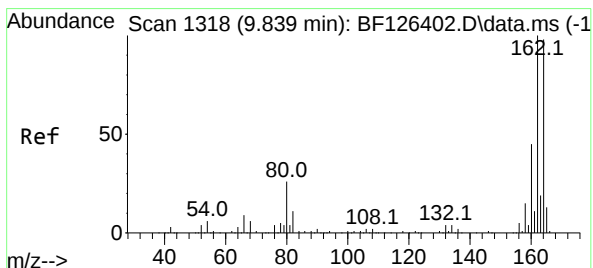
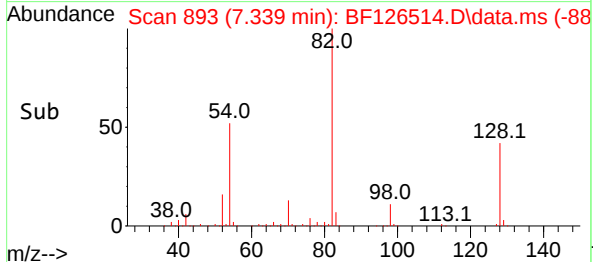
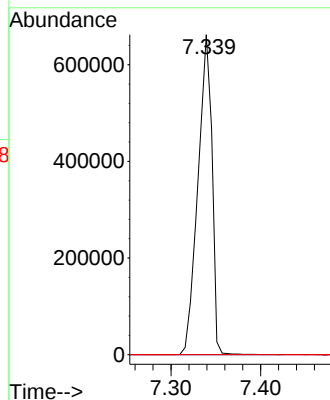
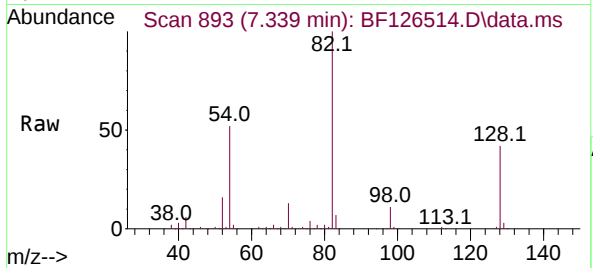




#25
Isophorone
Concen: 46.574 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.271 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

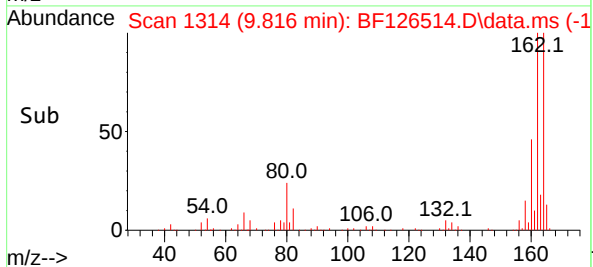
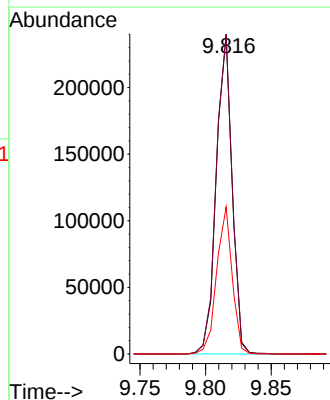
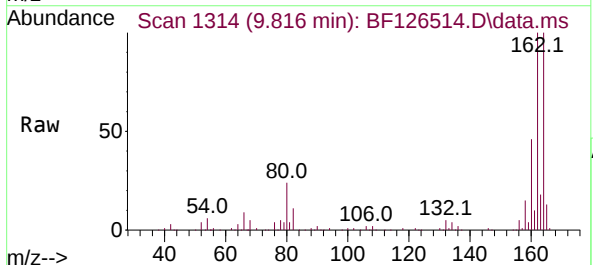
Instrument :
BNA_F
ClientSampleId :
PB141782TB

Tgt Ion: 82 Resp: 720661
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: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

Tgt Ion: 164 Resp: 199880
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 46.1 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 139.068 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF126514.D

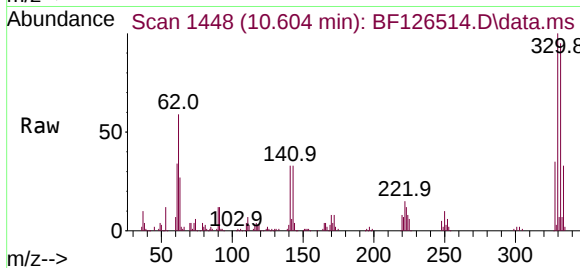
Acq: 6 Jan 2022 11:53

Instrument :

BNA_F

ClientSampleId :

PB141782TB



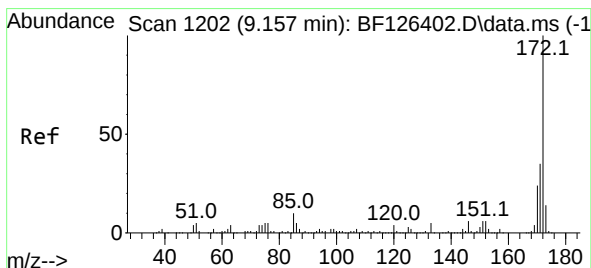
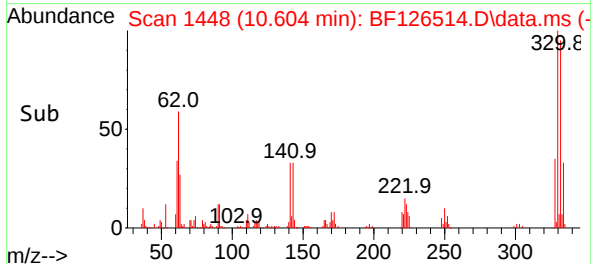
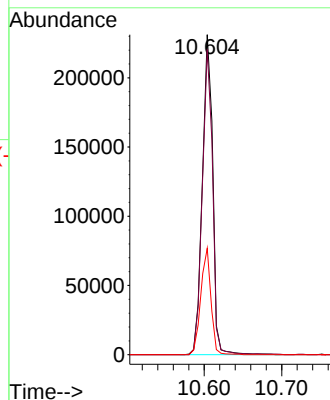
Tgt Ion:330 Resp: 214800

Ion Ratio Lower Upper

330 100

332 94.5 76.0 114.0

141 32.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 85.764 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF126514.D

Acq: 6 Jan 2022 11:53

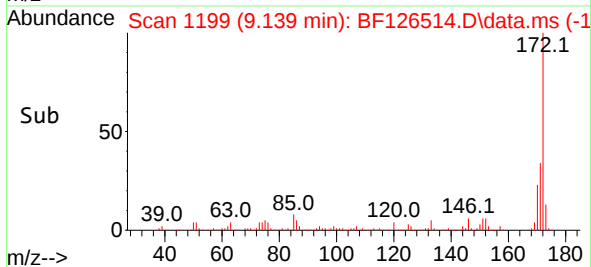
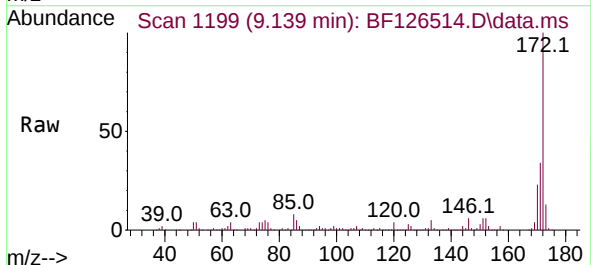
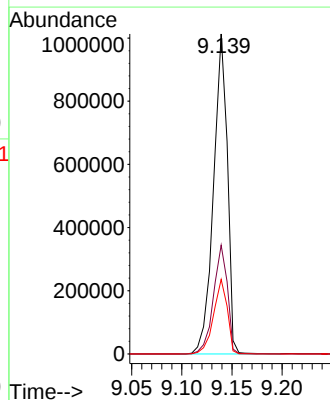
Tgt Ion:172 Resp: 974161

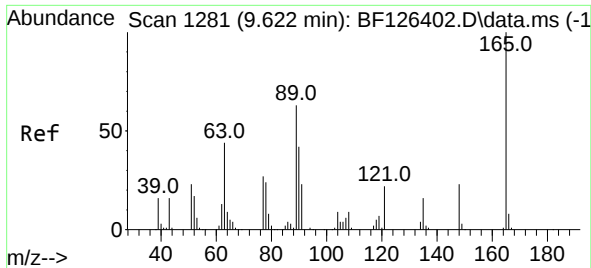
Ion Ratio Lower Upper

172 100

171 34.0 28.3 42.5

170 23.3 19.0 28.6

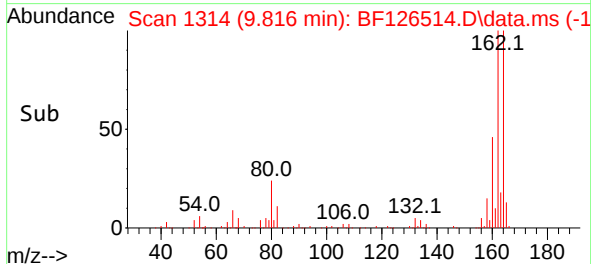
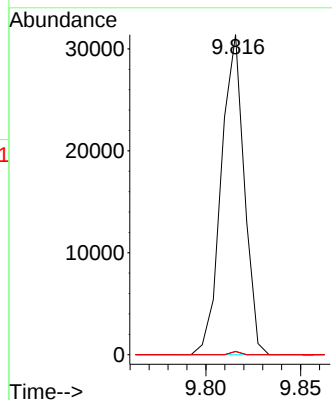
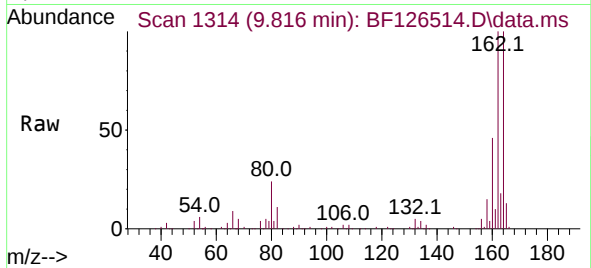




#51
2,6-Dinitrotoluene
Concen: 9.844 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

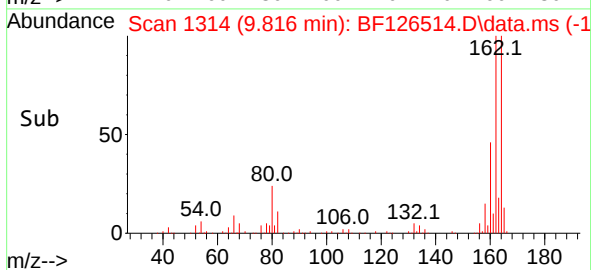
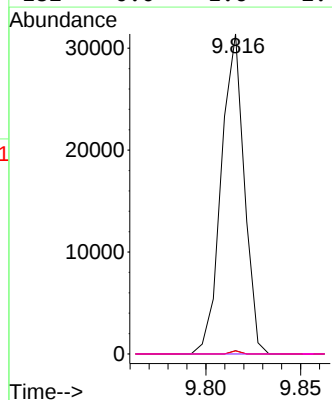
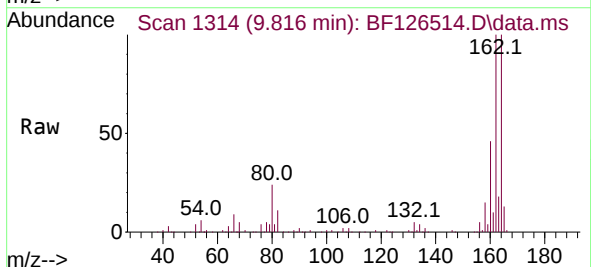
Instrument :
BNA_F
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PB141782TB

Tgt Ion:165 Resp: 26528
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: 7.630 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

Tgt Ion:165 Resp: 26528
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#

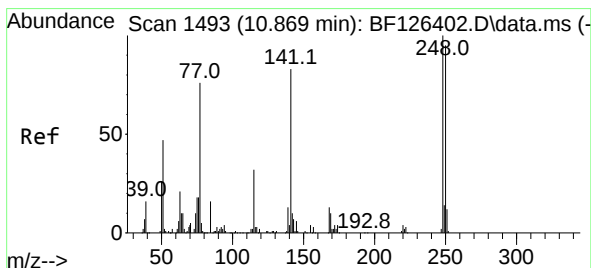
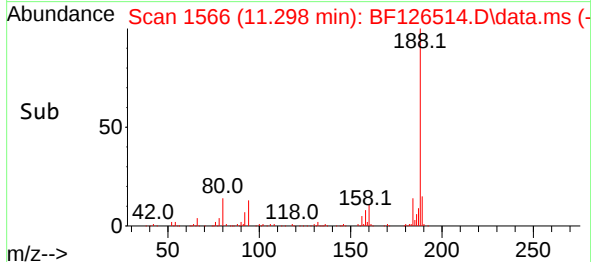
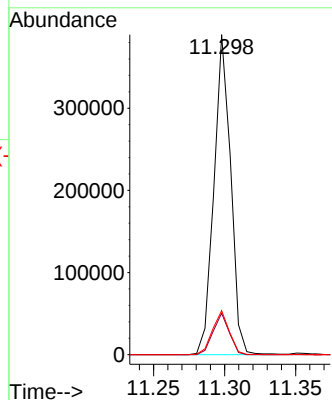
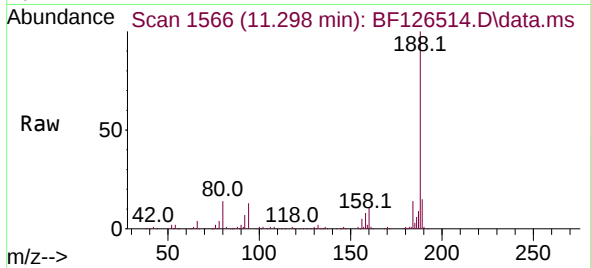




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

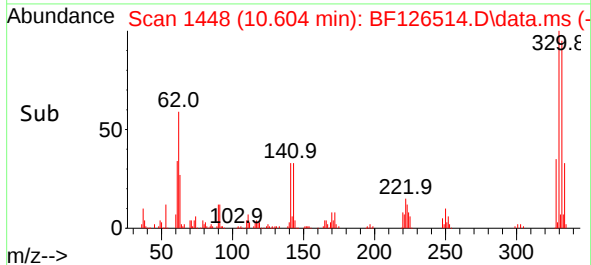
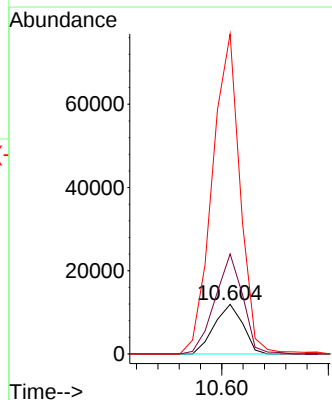
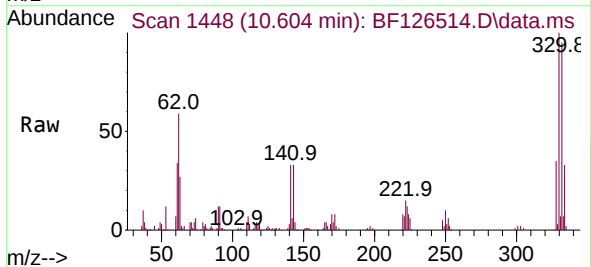
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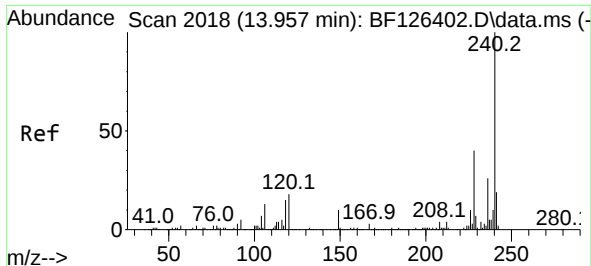
Tgt Ion:188 Resp: 318323
Ion Ratio Lower Upper
188 100
94 12.9 10.1 15.1
80 13.8 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.936 ng
RT: 10.604 min Scan# 1448
Delta R.T. -0.253 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

Tgt Ion:248 Resp: 11120
Ion Ratio Lower Upper
248 100
250 201.7 76.2 114.4#
141 645.3 66.2 99.4#

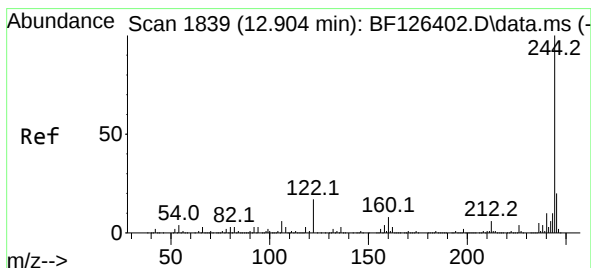
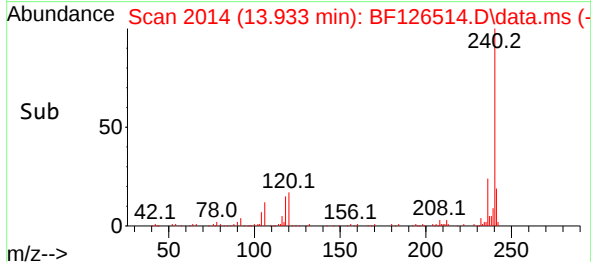
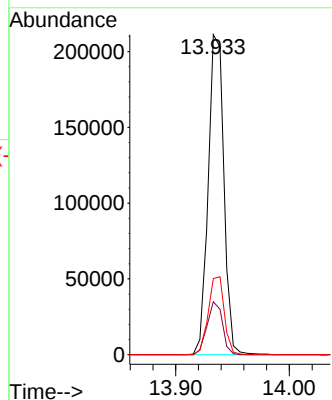
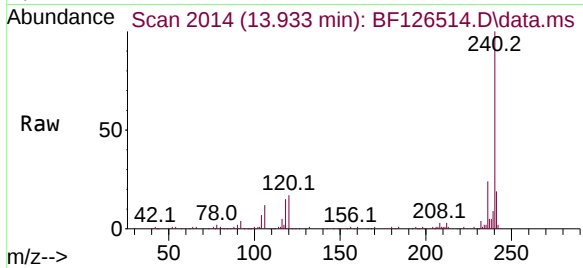




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

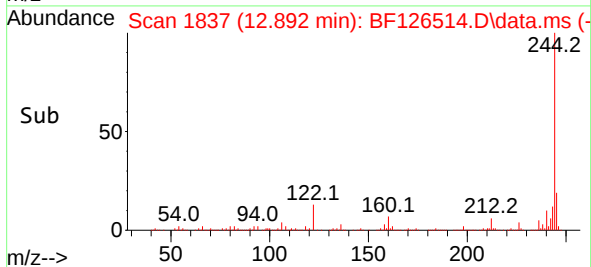
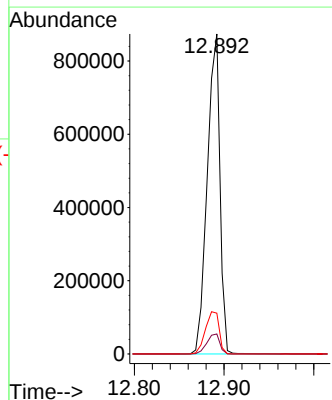
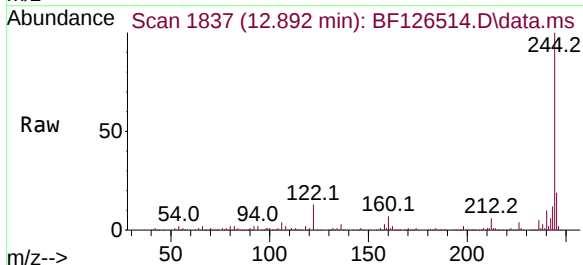
Instrument :
BNA_F
ClientSampleId :
PB141782TB

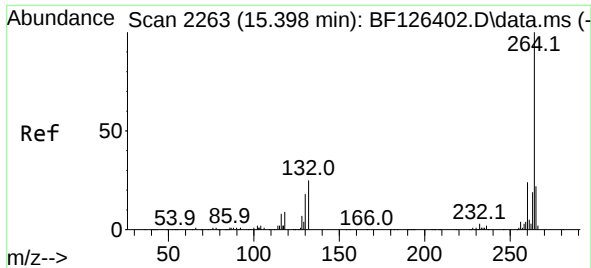
Tgt Ion:240 Resp: 202280
Ion Ratio Lower Upper
240 100
120 16.6 14.4 21.6
236 23.8 20.5 30.7



#79
Terphenyl-d14
Concen: 82.288 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

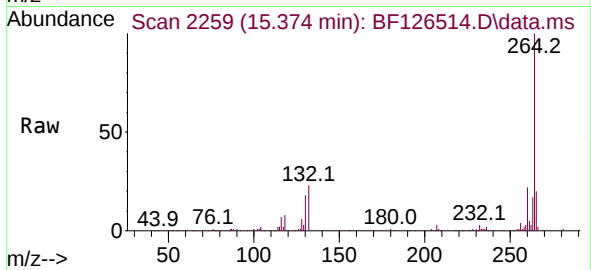
Tgt Ion:244 Resp: 856700
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 12.8 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.374 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF126514.D
Acq: 6 Jan 2022 11:53

Instrument :
BNA_F
ClientSampleId :
PB141782TB



Tgt Ion:264 Resp: 162819

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	19.8	17.4	26.2

