

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126573.D
 Acq On : 10 Jan 2022 18:23
 Operator : JU/CG
 Sample : N1054-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220015-CAPE-2-COMP

Quant Time: Jan 11 01:38:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	84393	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	357503	20.000	ng	# 0.00
39) Acenaphthene-d10	9.810	164	167789	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	264990	20.000	ng	0.00
76) Chrysene-d12	13.939	240	160485	20.000	ng	# 0.00
86) Perylene-d12	15.380	264	166146	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	740003	125.921	ng	0.01
7) Phenol-d6	6.410	99	932858	122.558	ng	0.00
23) Nitrobenzene-d5	7.334	82	599171	86.056	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	207194	159.800	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	843870	88.503	ng	0.00
79) Terphenyl-d14	12.886	244	643801	77.943	ng	0.00

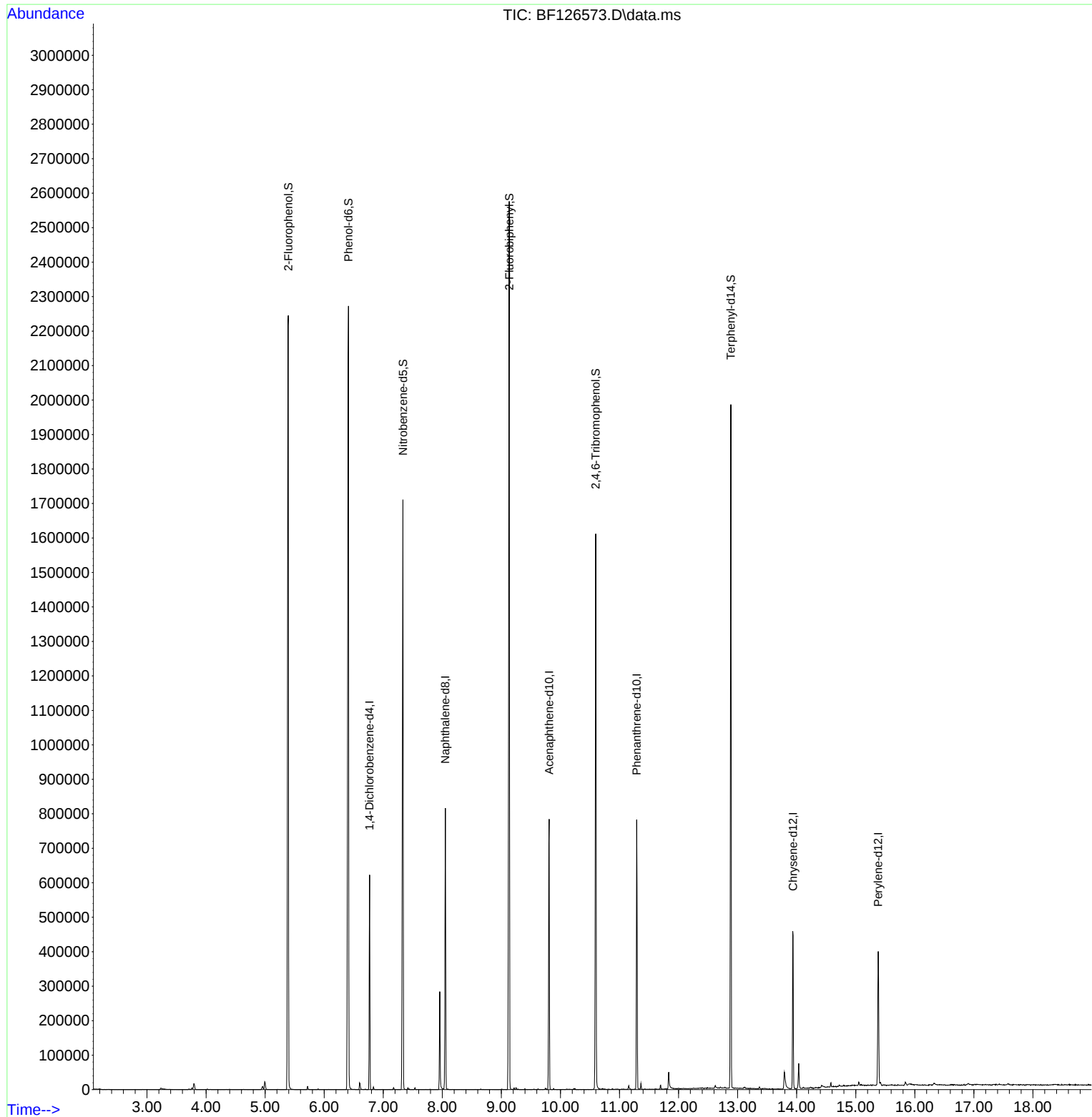
Target Compounds	Qvalue

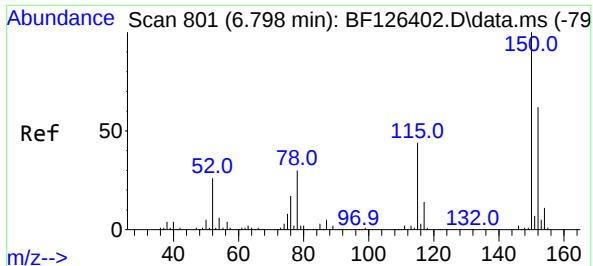
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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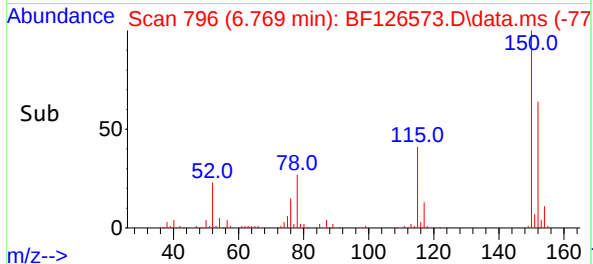
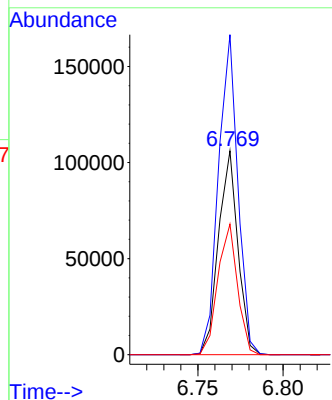
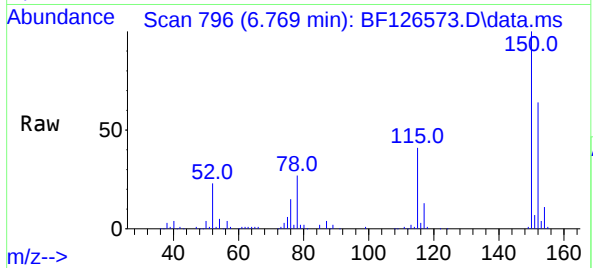




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126573.D
Acq: 10 Jan 2022 18:23

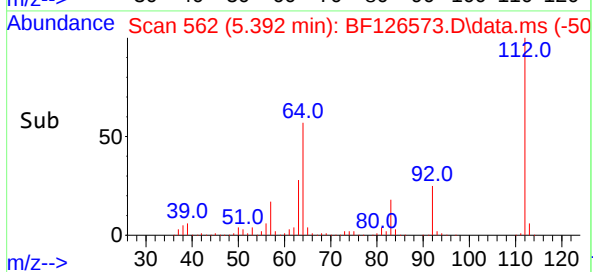
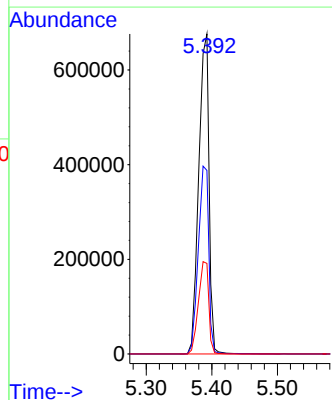
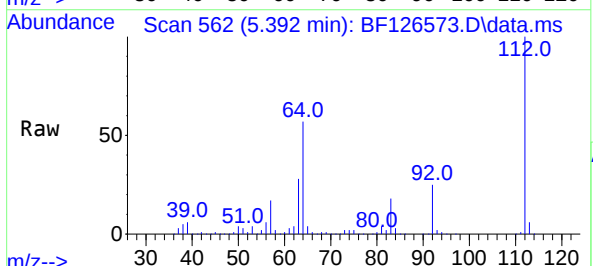
Instrument :
BNA_F
ClientSampleId :
20220015-CAPE-2-COMP

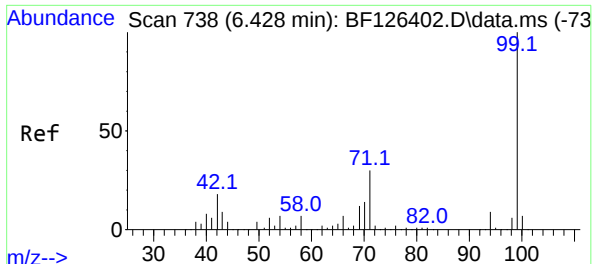
Tgt Ion:152 Resp: 84393
Ion Ratio Lower Upper
152 100
150 156.9 128.1 192.1
115 64.0 56.7 85.1



#5
2-Fluorophenol
Concen: 125.921 ng
RT: 5.392 min Scan# 562
Delta R.T. 0.012 min
Lab File: BF126573.D
Acq: 10 Jan 2022 18:23

Tgt Ion:112 Resp: 740003
Ion Ratio Lower Upper
112 100
64 57.4 49.5 74.3
63 28.3 23.9 35.9

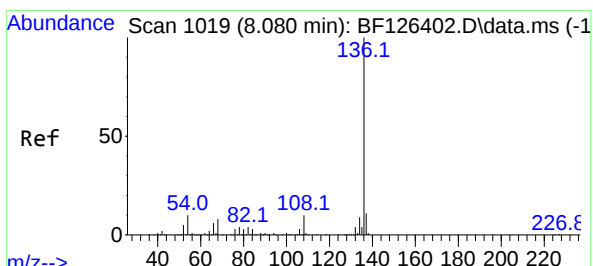
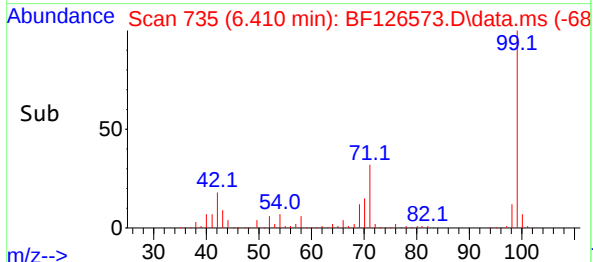
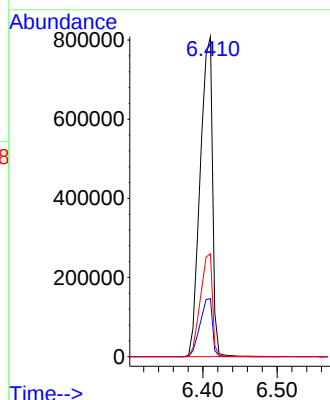
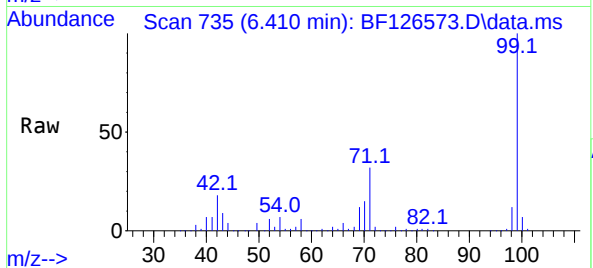




#7
Phenol-d6
Concen: 122.558 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126573.D
Acq: 10 Jan 2022 18:23

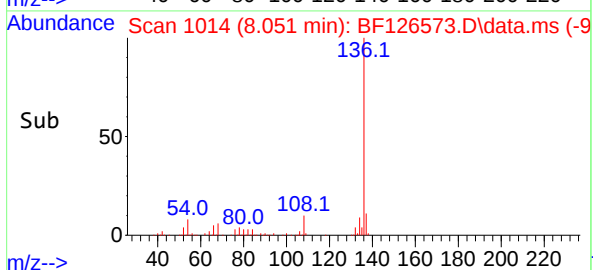
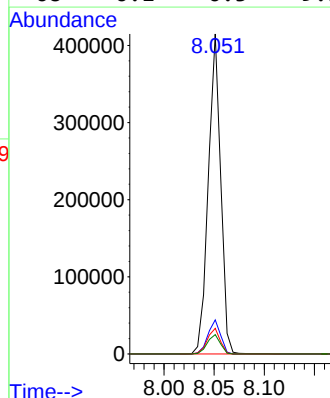
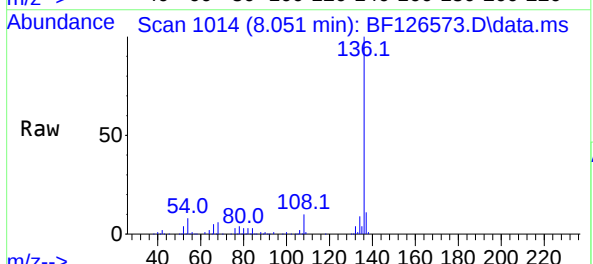
Instrument :
BNA_F
ClientSampleId :
20220015-CAPE-2-COMP

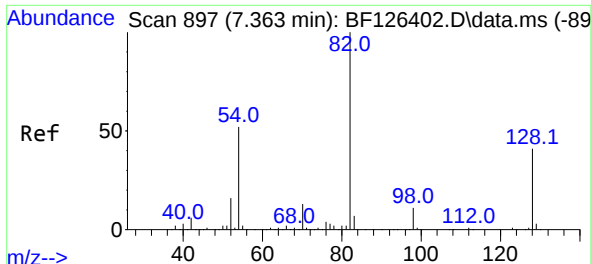
Tgt Ion: 99 Resp: 932858
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 32.1 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126573.D
Acq: 10 Jan 2022 18:23

Tgt Ion: 136 Resp: 357503
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.0 7.8 11.6
68 6.1 6.3 9.5#

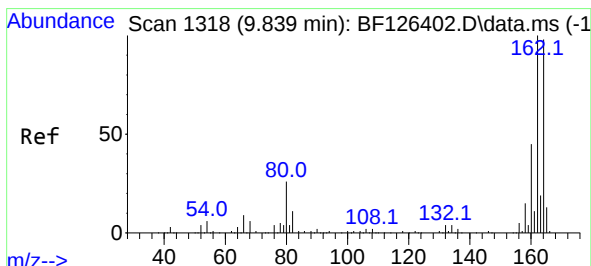
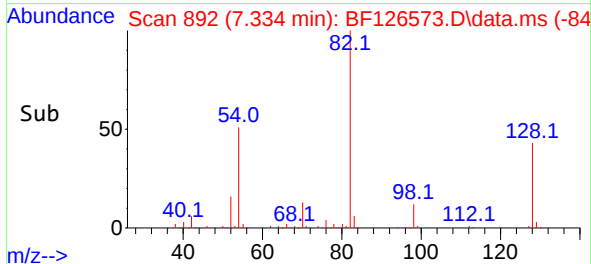
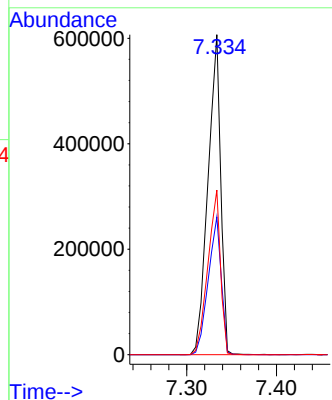
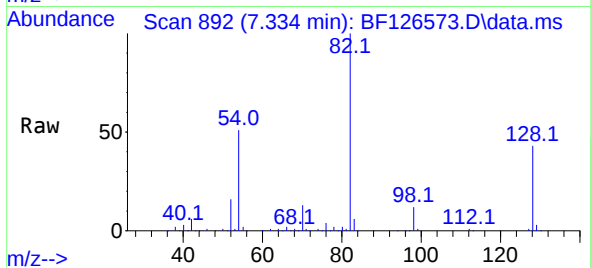




#23
Nitrobenzene-d5
Concen: 86.056 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126573.D
Acq: 10 Jan 2022 18:23

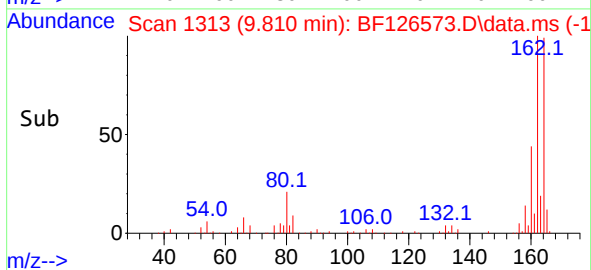
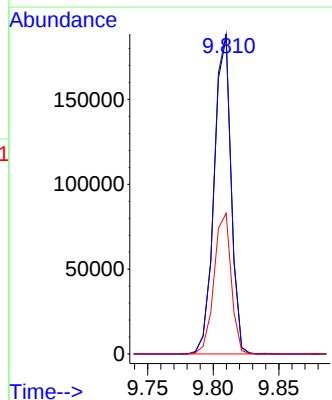
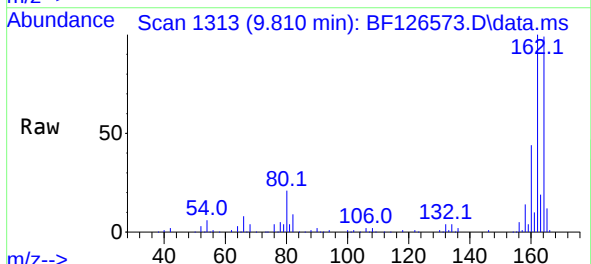
Instrument :
BNA_F
ClientSampleId :
20220015-CAPE-2-COMP

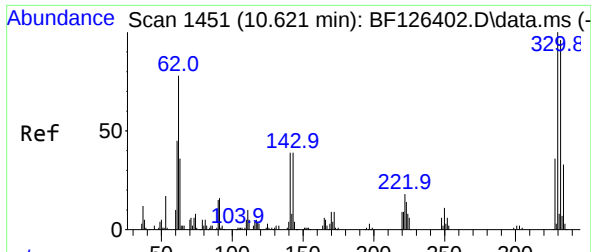
Tgt Ion: 82 Resp: 599171
Ion Ratio Lower Upper
82 100
128 43.0 32.7 49.1
54 51.4 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126573.D
Acq: 10 Jan 2022 18:23

Tgt Ion:164 Resp: 167789
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 44.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 159.800 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF126573.D

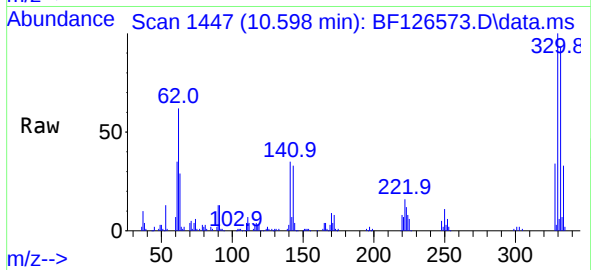
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Instrument :

BNA_F

ClientSampleId :

20220015-CAPE-2-COMP



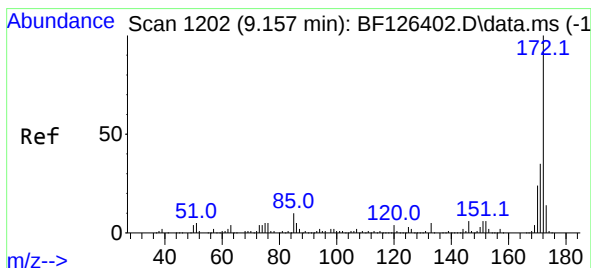
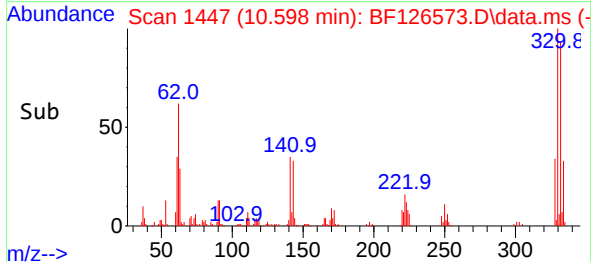
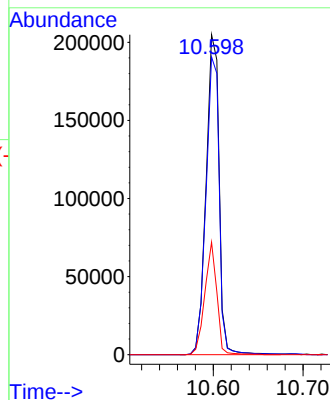
Tgt Ion:330 Resp: 207194

Ion Ratio Lower Upper

330 100

332 94.7 76.0 114.0

141 32.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 88.503 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126573.D

Acq: 10 Jan 2022 18:23

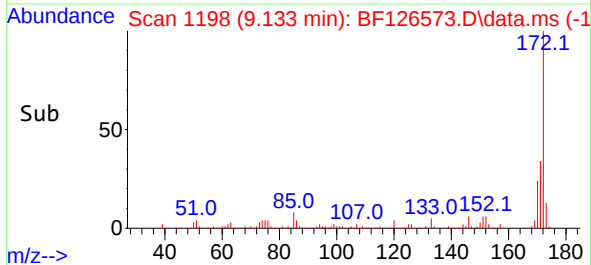
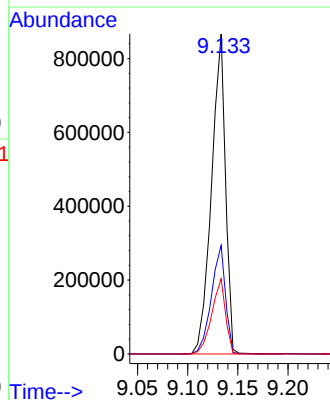
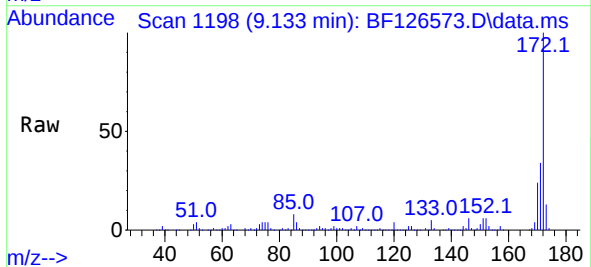
Tgt Ion:172 Resp: 843870

Ion Ratio Lower Upper

172 100

171 33.9 28.3 42.5

170 23.5 19.0 28.6

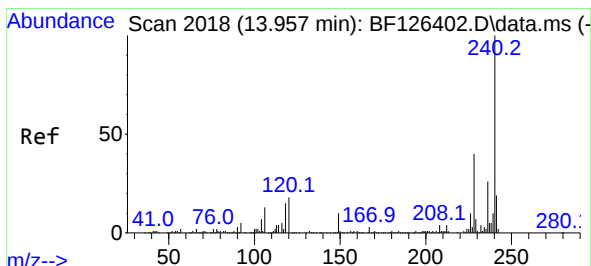
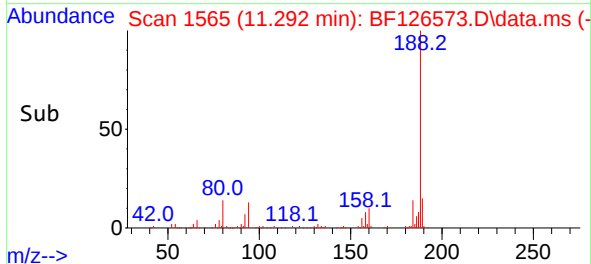
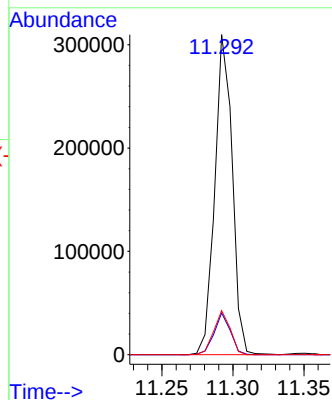
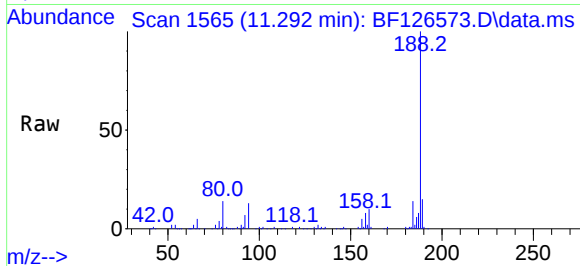




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126573.D
Acq: 10 Jan 2022 18:23

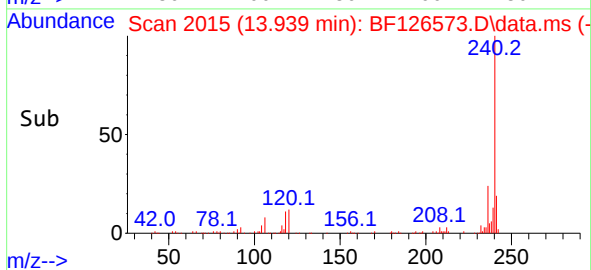
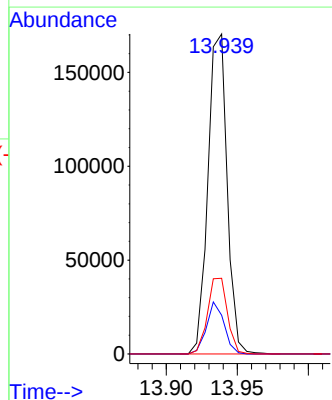
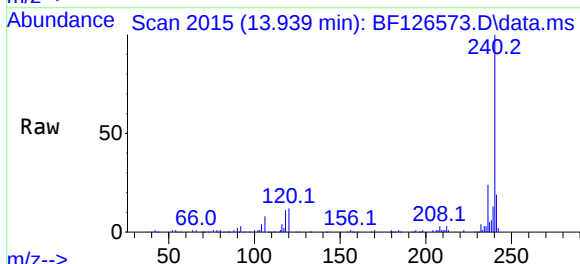
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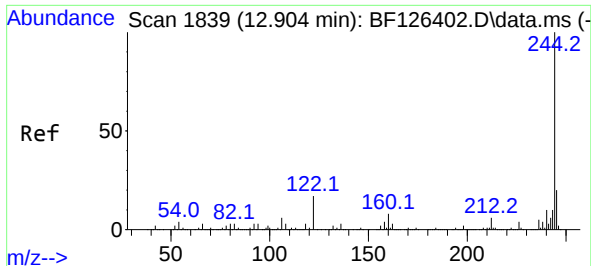
Tgt Ion:188 Resp: 264990
Ion Ratio Lower Upper
188 100
94 13.0 10.1 15.1
80 13.8 11.8 17.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126573.D
Acq: 10 Jan 2022 18:23

Tgt Ion:240 Resp: 160485
Ion Ratio Lower Upper
240 100
120 12.1 14.4 21.6#
236 23.7 20.5 30.7

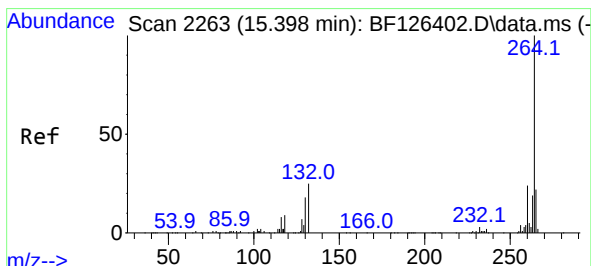
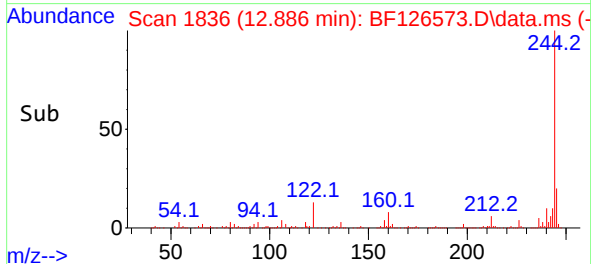
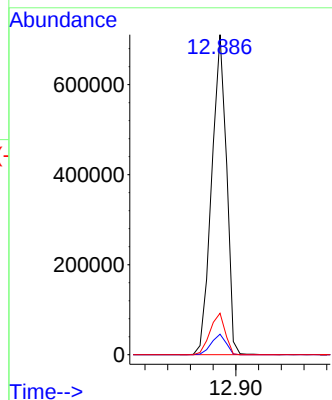
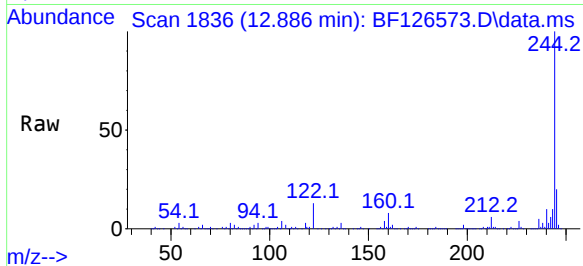




#79
 Terphenyl-d14
 Concen: 77.943 ng
 RT: 12.886 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126573.D
 Acq: 10 Jan 2022 18:23

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 643801
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.9 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.018 min
 Lab File: BF126573.D
 Acq: 10 Jan 2022 18:23

Tgt Ion:264 Resp: 166146
 Ion Ratio Lower Upper
 264 100
 260 21.7 19.2 28.8
 265 20.4 17.4 26.2

