

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126428.D
 Acq On : 30 Dec 2021 19:56
 Operator : JU/CG
 Sample : M5244-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-6E

Quant Time: Dec 31 05:35:34 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

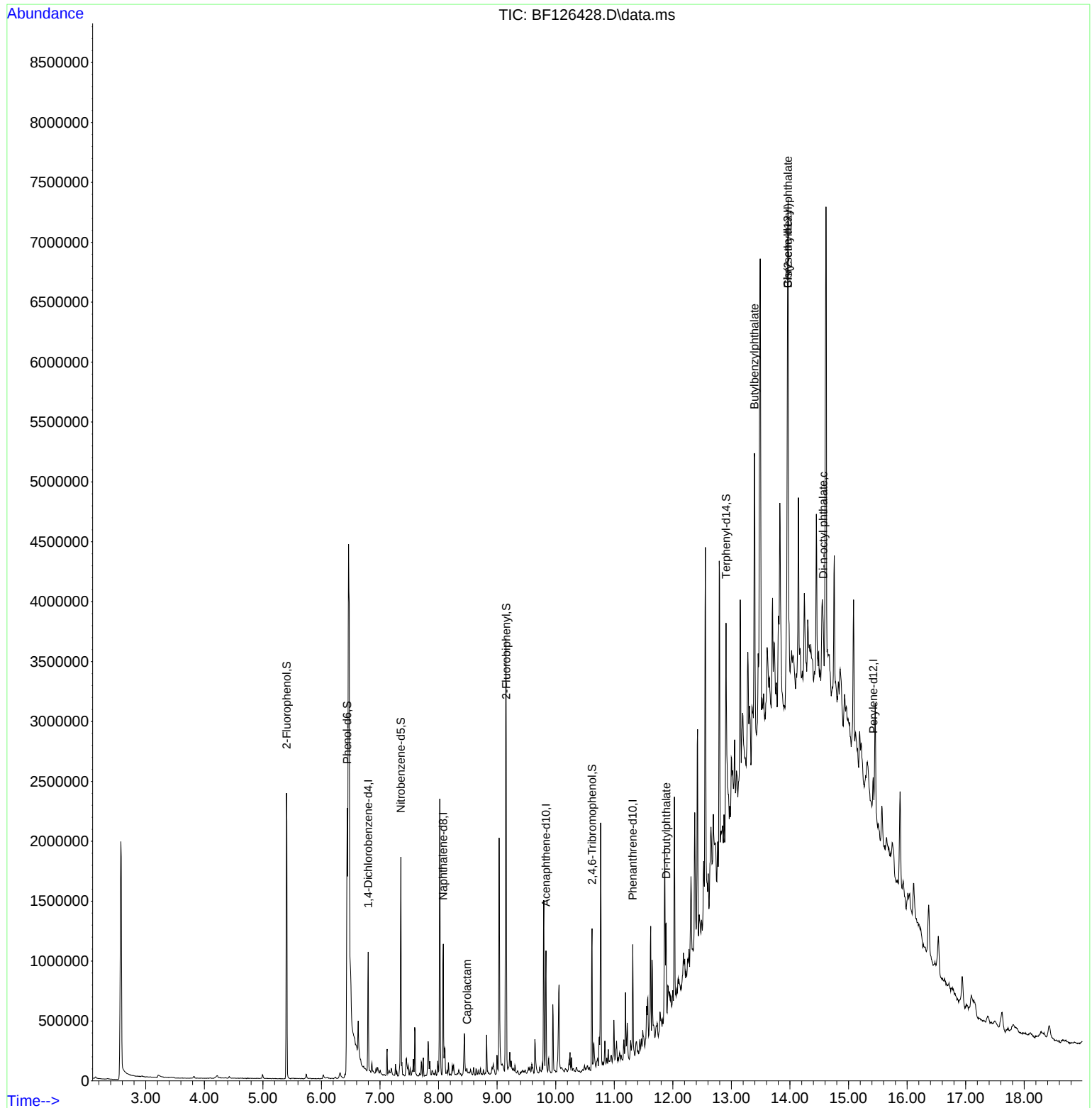
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	115381	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	442475	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	184980	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	295973	20.000	ng	0.00
76) Chrysene-d12	13.963	240	126974	20.000	ng	0.00
86) Perylene-d12	15.421	264	163768	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	700749	87.217	ng	0.00
7) Phenol-d6	6.440	99	868286	83.437	ng	0.01
23) Nitrobenzene-d5	7.357	82	555011	64.405	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	126902	88.778	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	628532	59.793	ng	0.00
79) Terphenyl-d14	12.910	244	601265	92.005	ng	0.00
Target Compounds						
						Qvalue
35) Caprolactam	8.486	113	5562	4.006	ng	# 80
74) Di-n-butylphthalate	11.886	149	335911	19.901	ng	99
80) Butylbenzylphthalate	13.392	149	792827	166.740	ng	96
84) Bis(2-ethylhexyl)phtha...	13.968	149	1957236	397.190	ng	# 98
85) Di-n-octyl phthalate	14.568	149	203371	23.797	ng	# 71

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

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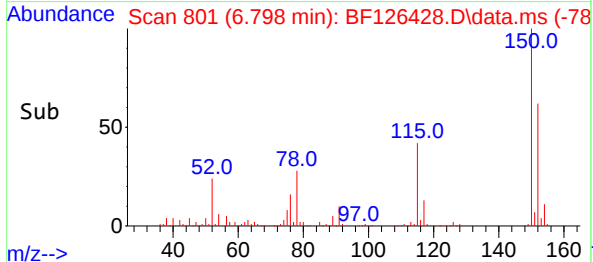
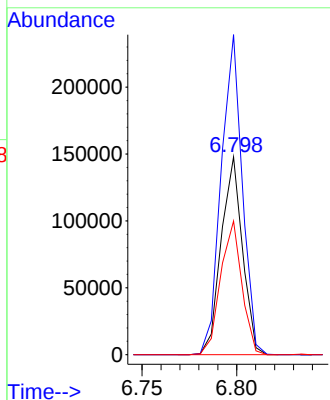
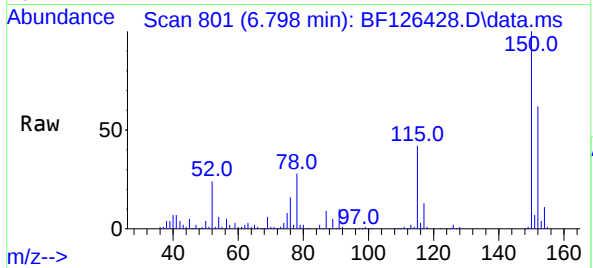




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

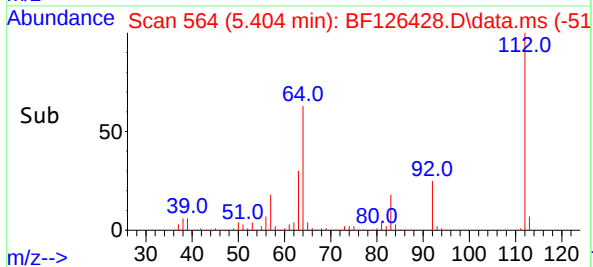
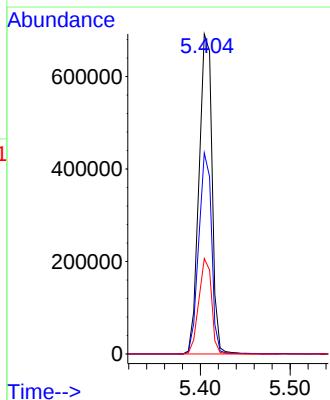
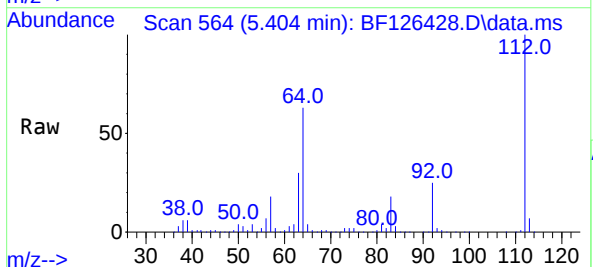
Instrument :
BNA_F
ClientSampleId :
CONC-6E

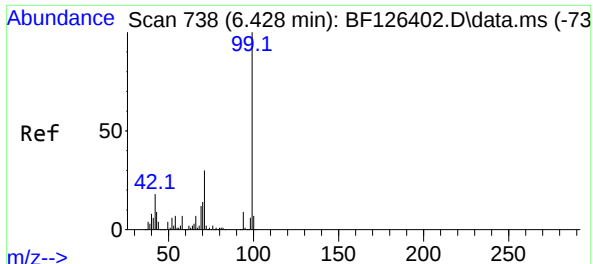
Tgt Ion:152 Resp: 115381
Ion Ratio Lower Upper
152 100
150 161.7 128.1 192.1
115 67.5 56.7 85.1



#5
2-Fluorophenol
Concen: 87.217 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.000 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

Tgt Ion:112 Resp: 700749
Ion Ratio Lower Upper
112 100
64 62.9 49.5 74.3
63 29.8 23.9 35.9

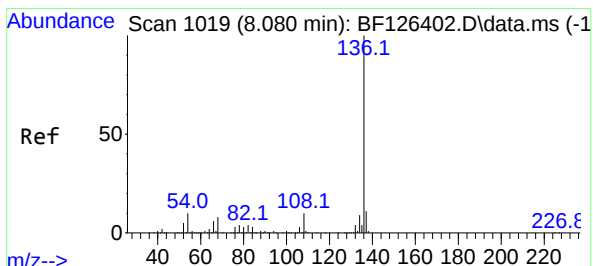
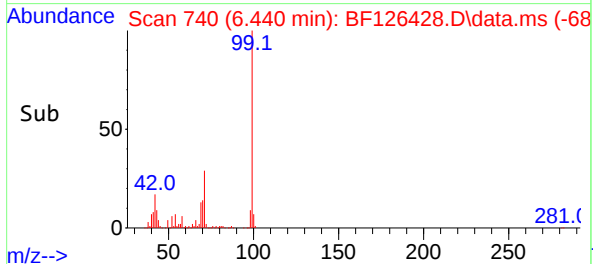
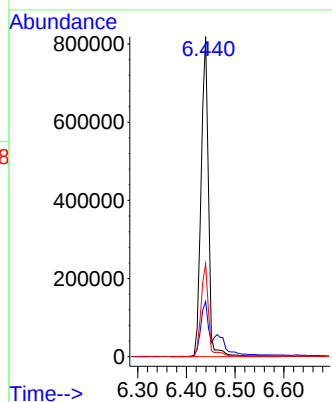
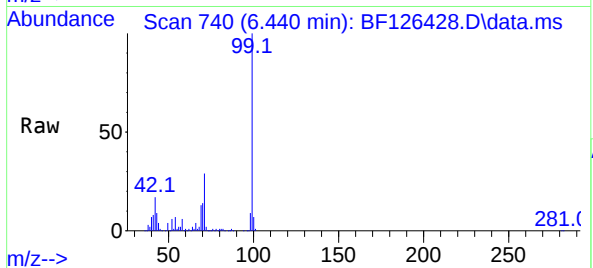




#7
Phenol-d6
Concen: 83.437 ng
RT: 6.440 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

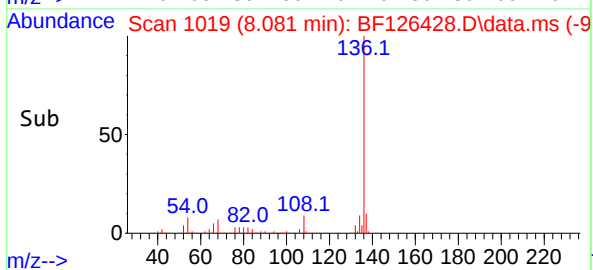
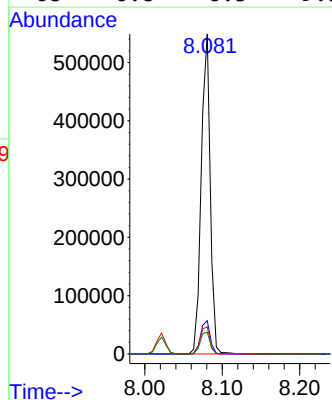
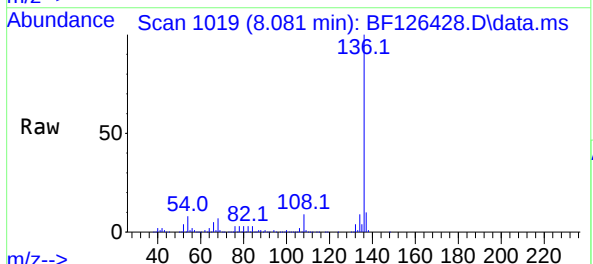
Instrument :
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ClientSampleId :
CONC-6E

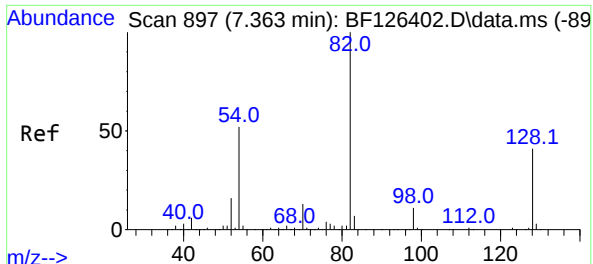
Tgt Ion: 99 Resp: 868286
Ion Ratio Lower Upper
99 100
42 17.3 14.2 21.4
71 29.0 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

Tgt Ion: 136 Resp: 442475
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 8.5 7.8 11.6
68 6.8 6.3 9.5

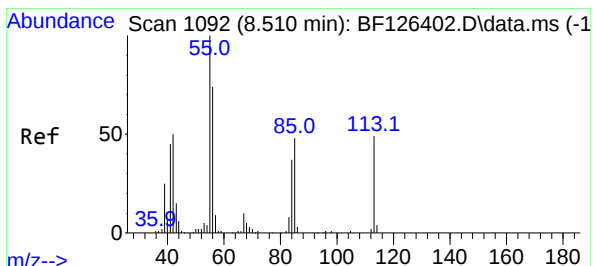
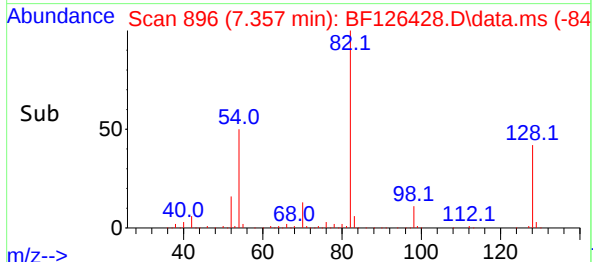
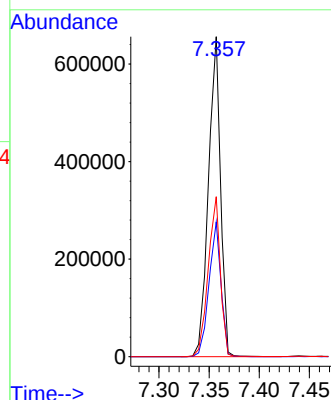
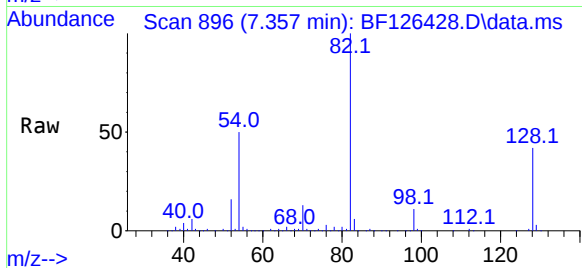




#23
Nitrobenzene-d5
Concen: 64.405 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

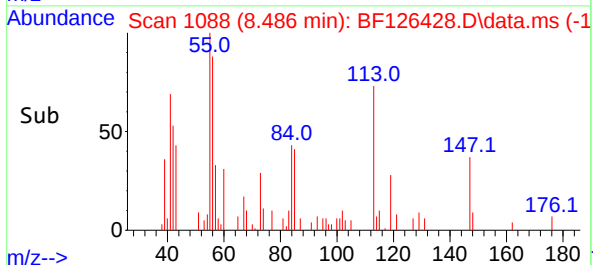
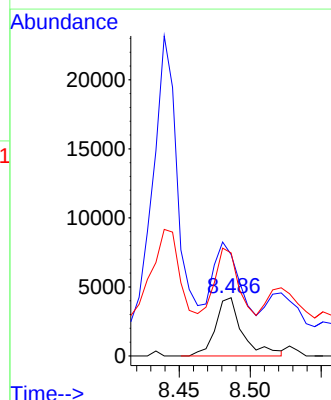
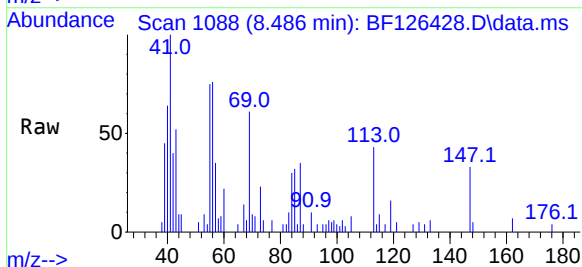
Instrument :
BNA_F
ClientSampleId :
CONC-6E

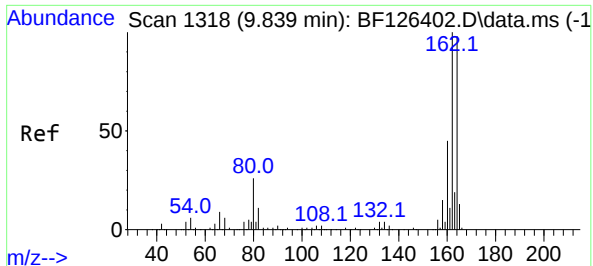
Tgt Ion: 82 Resp: 555011
Ion Ratio Lower Upper
82 100
128 42.1 32.7 49.1
54 50.0 41.7 62.5



#35
Caprolactam
Concen: 4.006 ng
RT: 8.486 min Scan# 1088
Delta R.T. -0.023 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

Tgt Ion: 113 Resp: 5562
Ion Ratio Lower Upper
113 100
55 174.0 183.9 223.9#
56 176.7 129.9 169.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126428.D

Acq: 30 Dec 2021 19:56

Instrument :

BNA_F

ClientSampleId :

CONC-6E

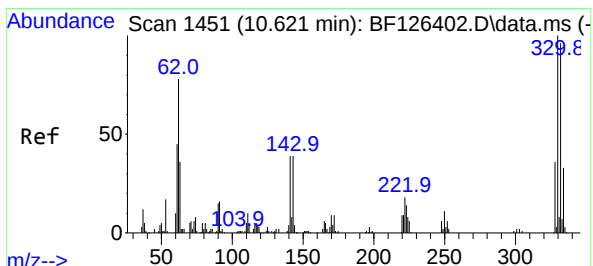
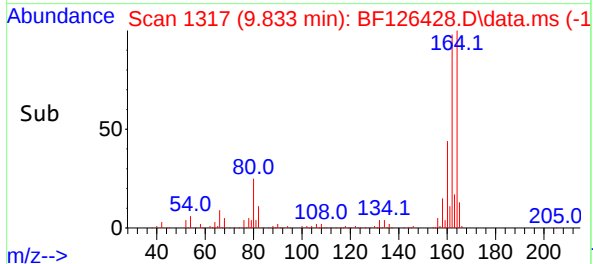
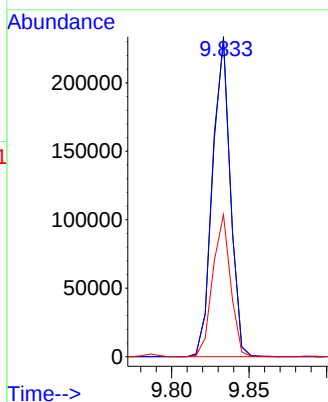
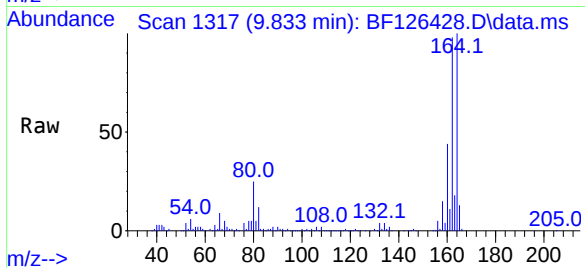
Tgt Ion:164 Resp: 184980

Ion Ratio Lower Upper

164 100

162 98.4 81.4 122.0

160 44.4 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 88.778 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF126428.D

Acq: 30 Dec 2021 19:56

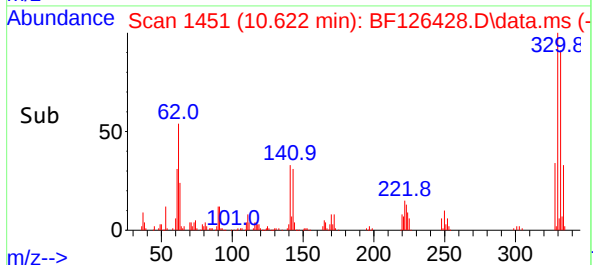
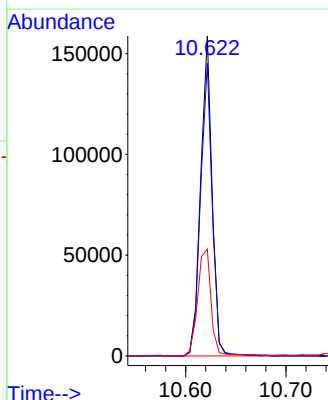
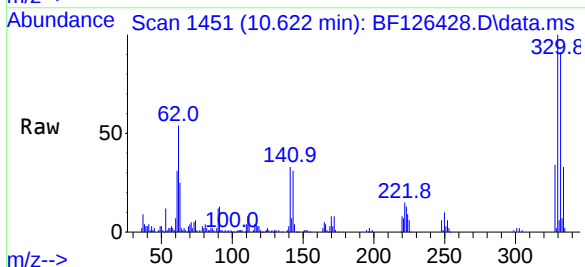
Tgt Ion:330 Resp: 126902

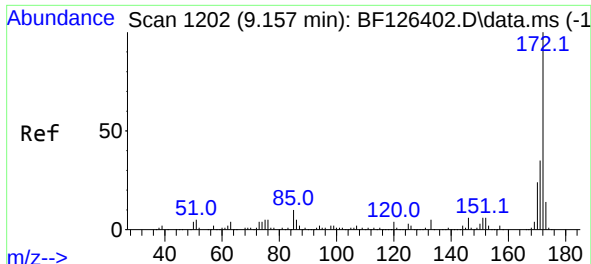
Ion Ratio Lower Upper

330 100

332 93.1 76.0 114.0

141 39.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 59.793 ng

RT: 9.157 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126428.D

Acq: 30 Dec 2021 19:56

Instrument :

BNA_F

ClientSampleId :

CONC-6E

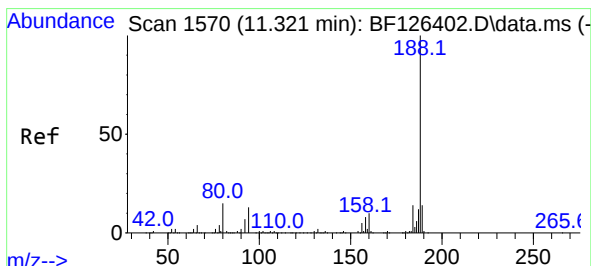
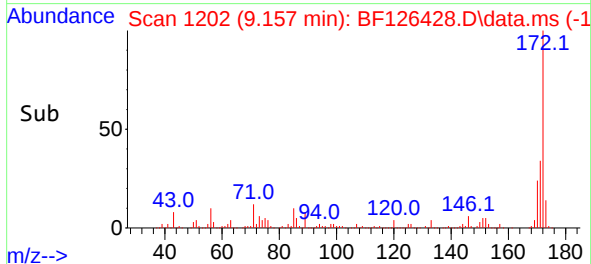
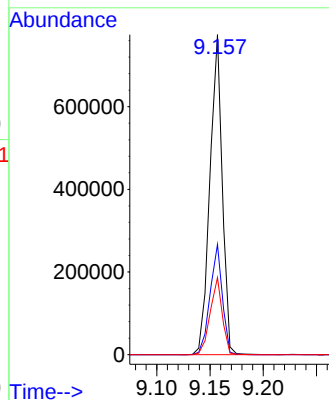
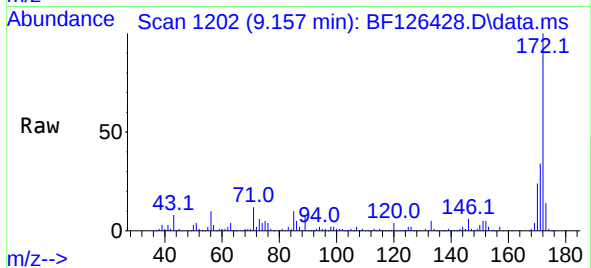
Tgt Ion:172 Resp: 628532

Ion Ratio Lower Upper

172 100

171 34.4 28.3 42.5

170 24.1 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF126428.D

Acq: 30 Dec 2021 19:56

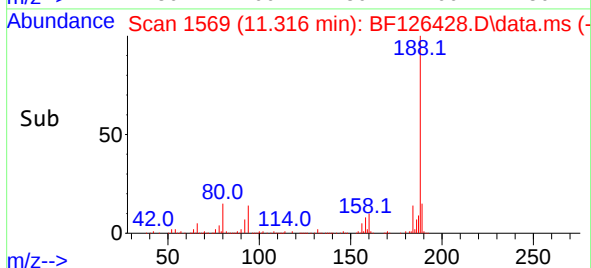
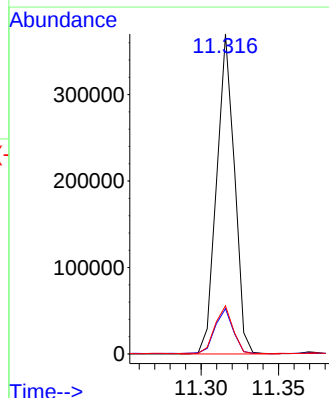
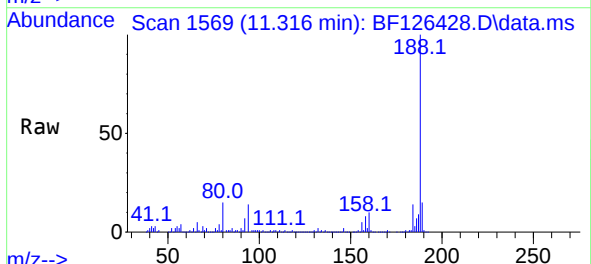
Tgt Ion:188 Resp: 295973

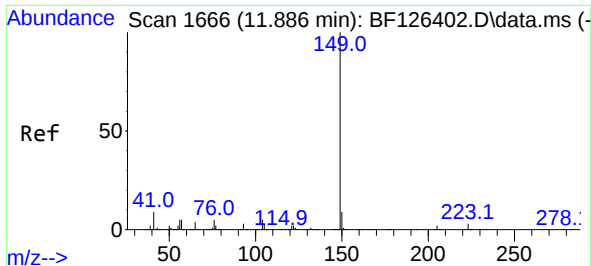
Ion Ratio Lower Upper

188 100

94 14.2 10.1 15.1

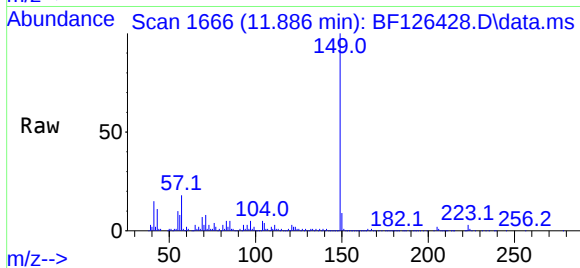
80 15.1 11.8 17.6



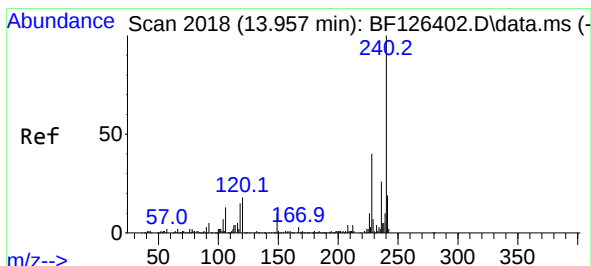
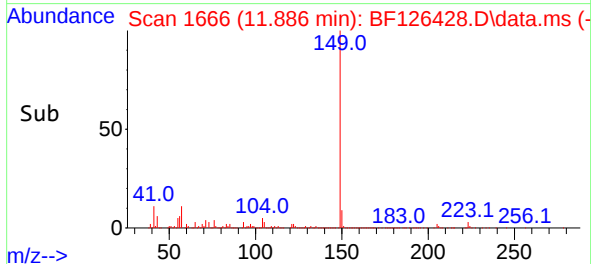
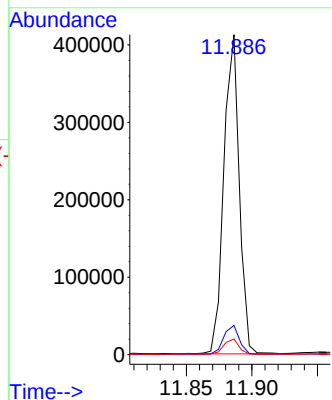


#74
Di-n-butylphthalate
Concen: 19.901 ng
RT: 11.886 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

Instrument :
BNA_F
ClientSampleId :
CONC-6E

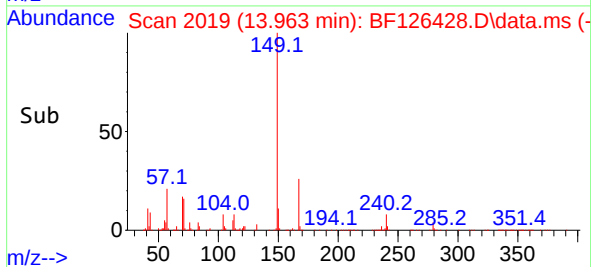
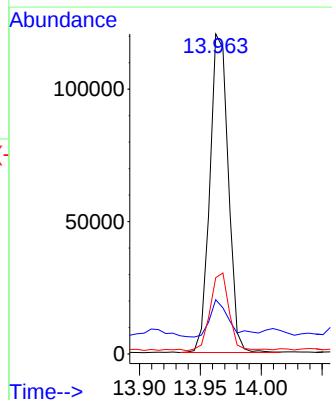
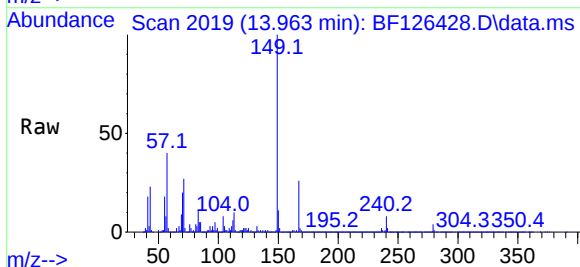


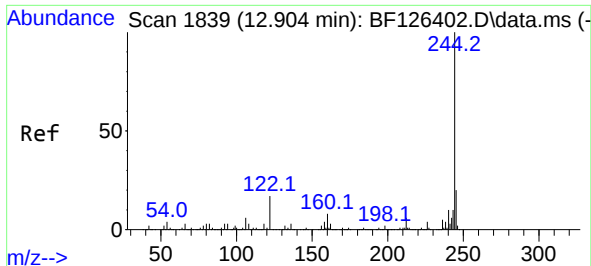
Tgt Ion:149 Resp: 335911
Ion Ratio Lower Upper
149 100
150 9.2 7.2 10.8
104 4.9 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

Tgt Ion:240 Resp: 126974
Ion Ratio Lower Upper
240 100
120 16.9 14.4 21.6
236 23.9 20.5 30.7

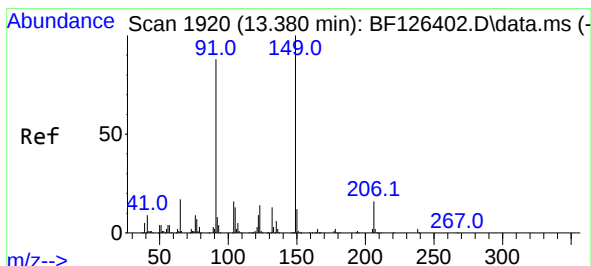
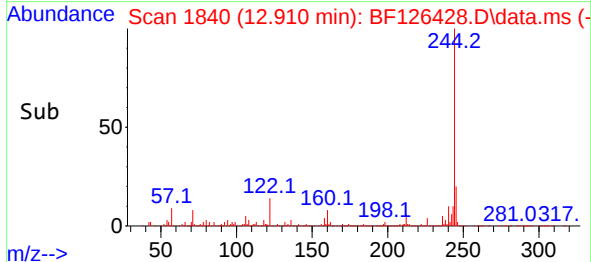
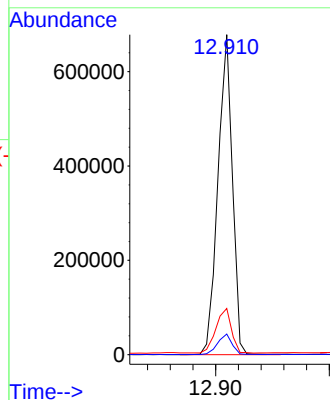
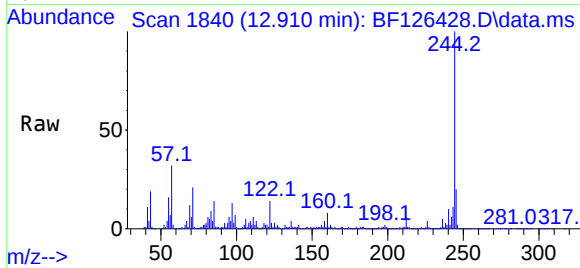




#79
 Terphenyl-d14
 Concen: 92.005 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. 0.006 min
 Lab File: BF126428.D
 Acq: 30 Dec 2021 19:56

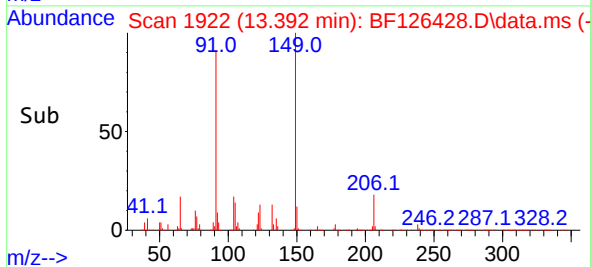
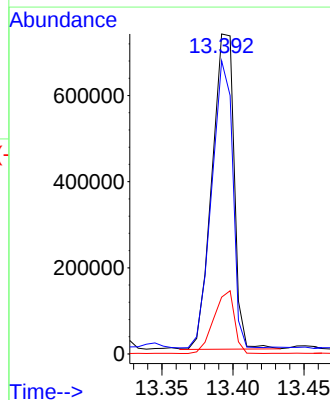
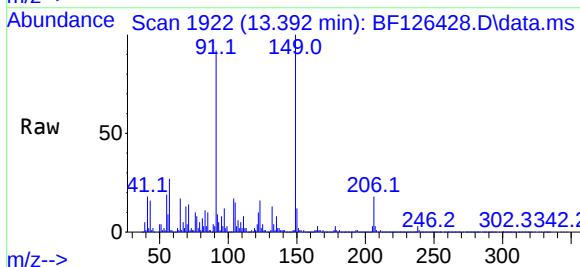
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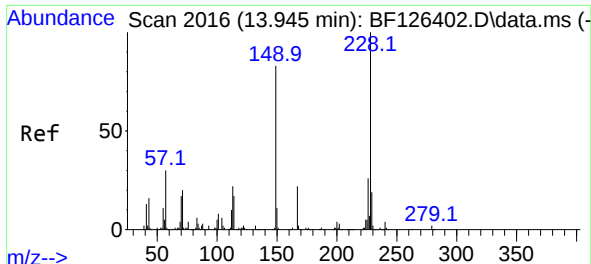
Tgt Ion:244 Resp: 601265
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 14.4 13.3 19.9



#80
 Butylbenzylphthalate
 Concen: 166.740 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. 0.012 min
 Lab File: BF126428.D
 Acq: 30 Dec 2021 19:56

Tgt Ion:149 Resp: 792827
 Ion Ratio Lower Upper
 149 100
 91 91.6 70.5 105.7
 206 17.7 12.6 19.0

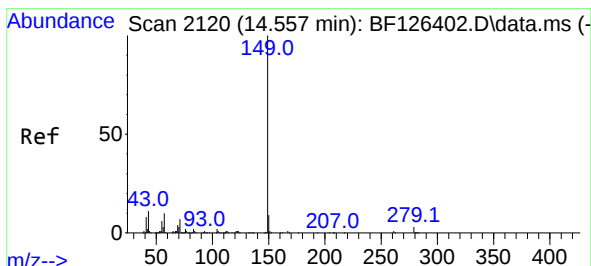
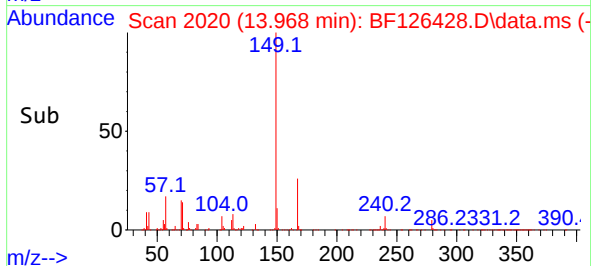
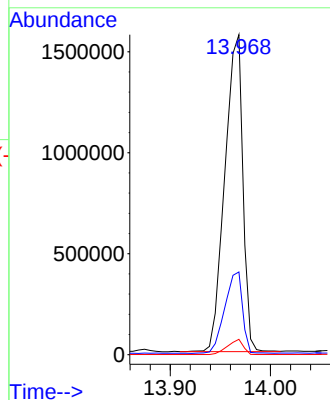
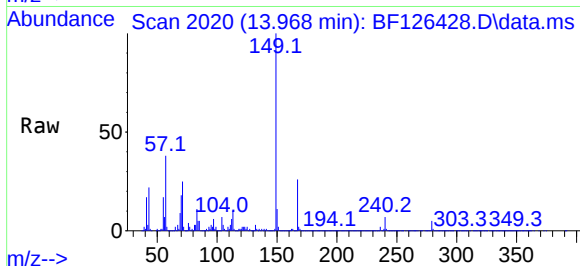




#84
Bis(2-ethylhexyl)phthalate
Concen: 397.190 ng
RT: 13.968 min Scan# 2016
Delta R.T. 0.024 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

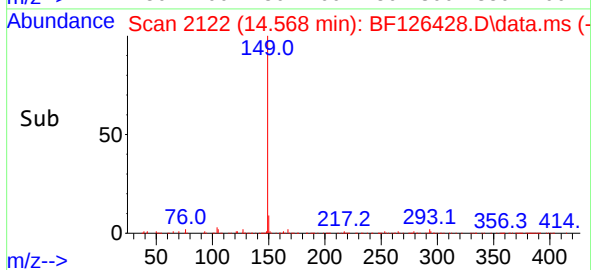
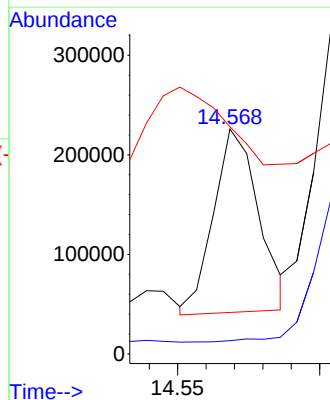
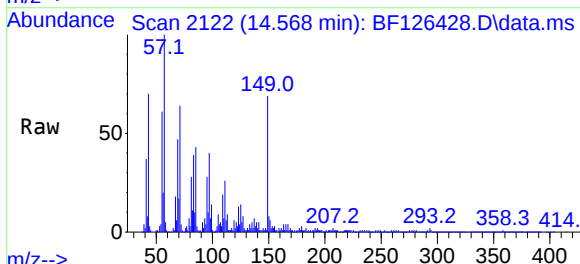
Instrument :
BNA_F
ClientSampleId :
CONC-6E

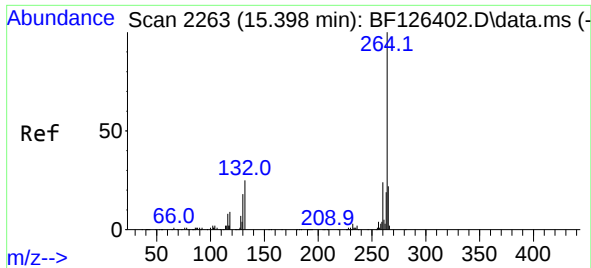
Tgt Ion:149 Resp: 1957236
Ion Ratio Lower Upper
149 100
167 25.8 21.4 32.2
279 4.8 2.4 3.6#



#85
Di-n-octyl phthalate
Concen: 23.797 ng
RT: 14.568 min Scan# 2122
Delta R.T. 0.012 min
Lab File: BF126428.D
Acq: 30 Dec 2021 19:56

Tgt Ion:149 Resp: 203371
Ion Ratio Lower Upper
149 100
167 0.0 1.1 1.7#
43 0.0 9.9 14.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF126428.D
 Acq: 30 Dec 2021 19:56

Instrument :
 BNA_F
 ClientSampleId :
 CONC-6E

Tgt Ion:264 Resp: 163768
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.3 17.4 26.2

