

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128338.D
 Acq On : 19 May 2022 16:00
 Operator : CG\JU
 Sample : N2824-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-7N

Quant Time: May 19 16:52:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

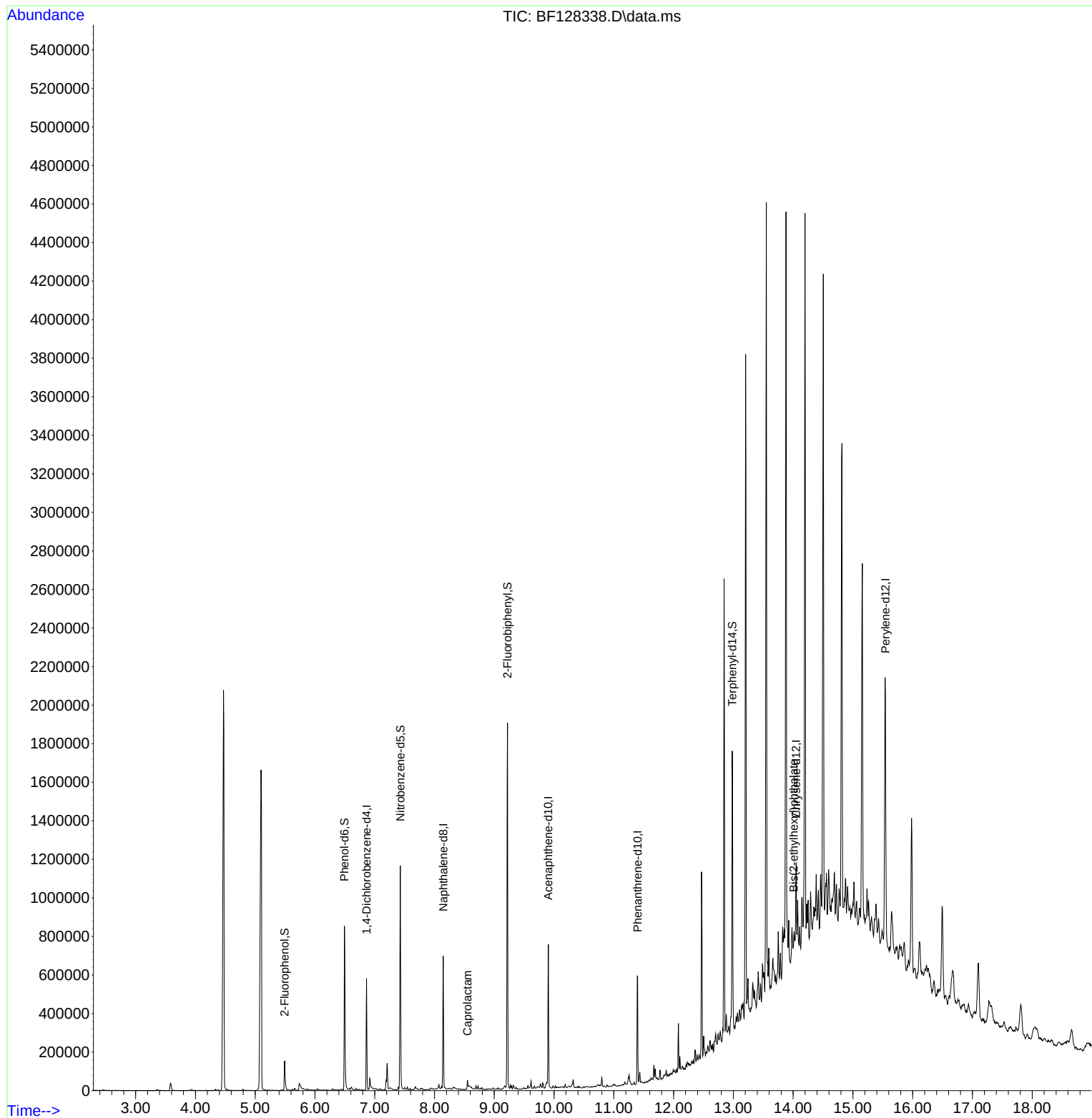
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	73750	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	271945	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	134770	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	217914	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	163630	20.000	ng	0.00
86) Perylene-d12	15.545	264	129625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	45924	9.927	ng	0.00
7) Phenol-d6	6.493	99	278874	45.575	ng	-0.02
23) Nitrobenzene-d5	7.428	82	353944	58.564	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	280	0.181	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	543352	63.084	ng	-0.01
79) Terphenyl-d14	12.980	244	487967	55.957	ng	-0.01
Target Compounds						
35) Caprolactam	8.551	113	4284	3.307	ng	# 74
84) Bis(2-ethylhexyl)phtha...	14.010	149	24834	3.726	ng	96

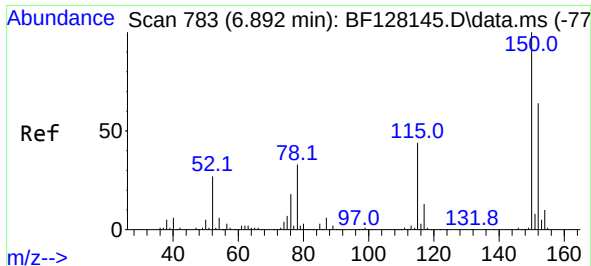
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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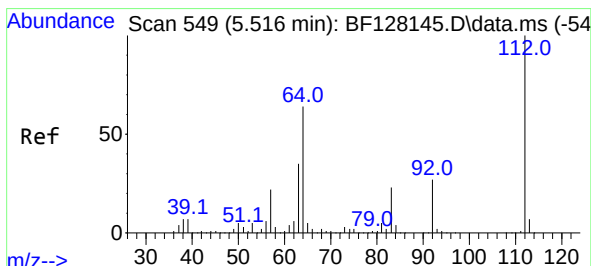
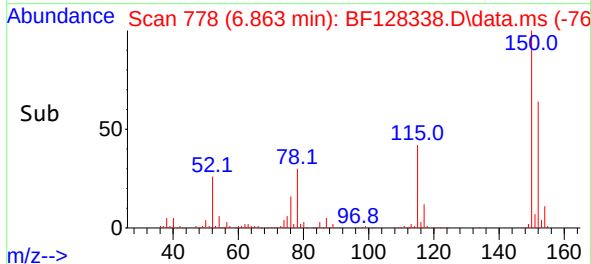
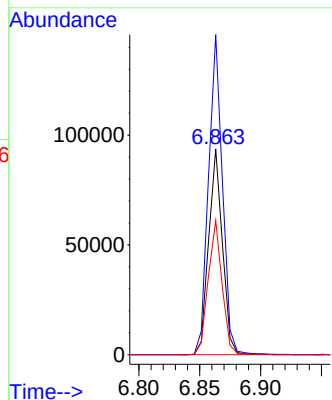
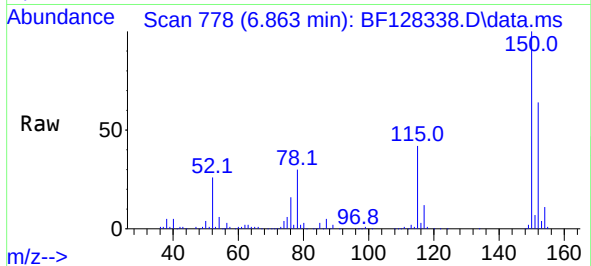




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

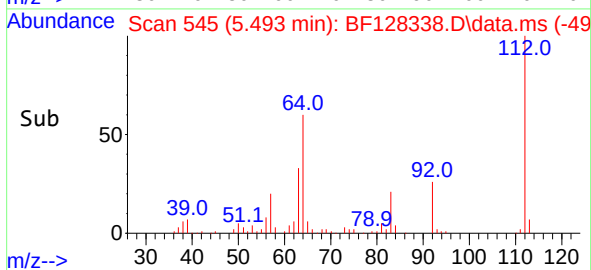
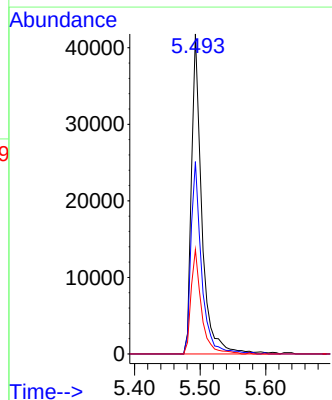
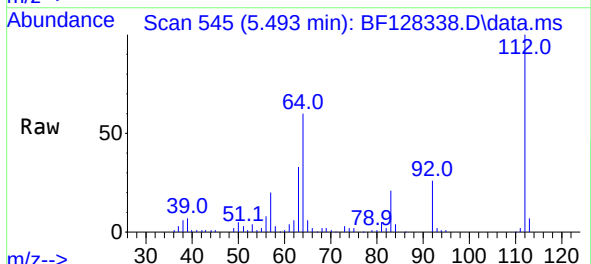
Instrument :
BNA_F
ClientSampleId :
CS-7N

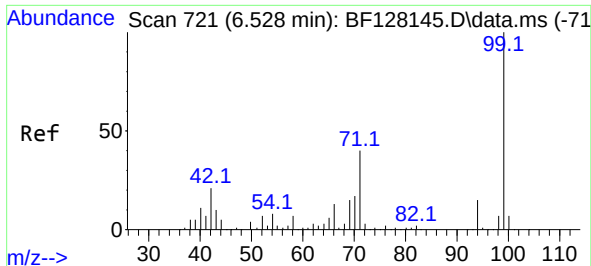
Tgt Ion:152 Resp: 73750
Ion Ratio Lower Upper
152 100
150 155.5 125.3 187.9
115 65.3 48.8 73.2



#5
2-Fluorophenol
Concen: 9.927 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

Tgt Ion:112 Resp: 45924
Ion Ratio Lower Upper
112 100
64 60.1 49.5 74.3
63 32.6 26.3 39.5

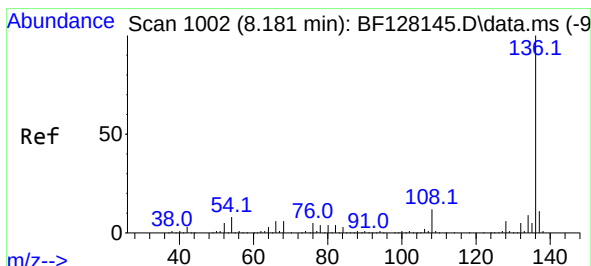
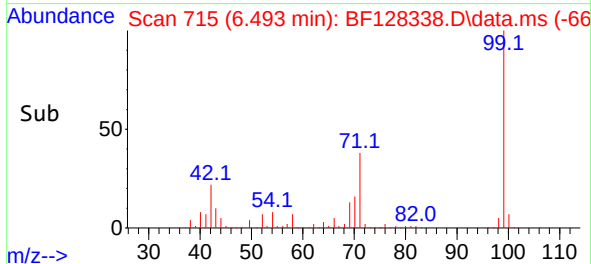
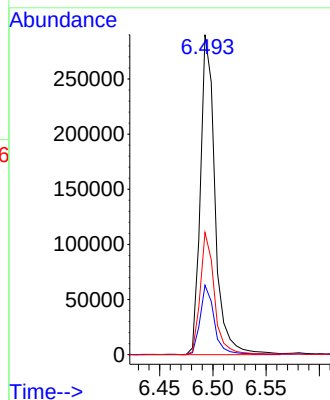
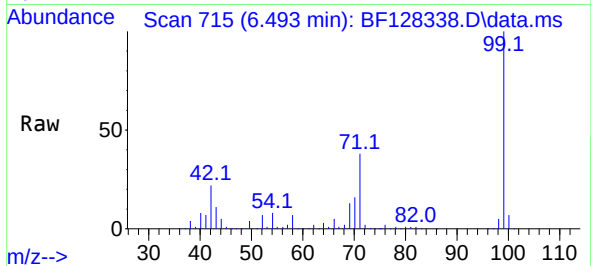




#7
Phenol-d6
Concen: 45.575 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

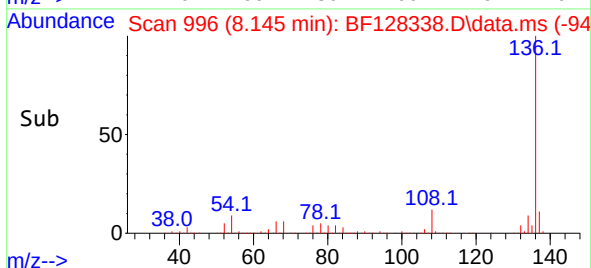
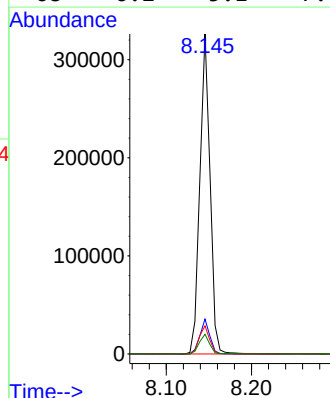
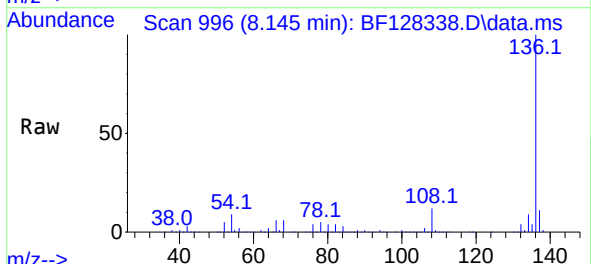
Instrument :
BNA_F
ClientSampleId :
CS-7N

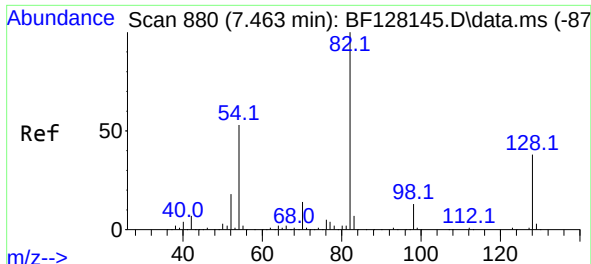
Tgt Ion: 99 Resp: 278874
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 38.2 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 996
Delta R.T. -0.012 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

Tgt Ion: 136 Resp: 271945
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.8 6.8 10.2
68 6.2 5.1 7.7

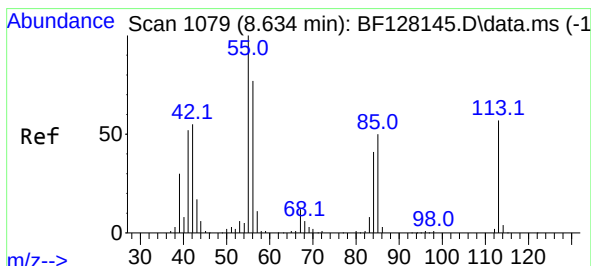
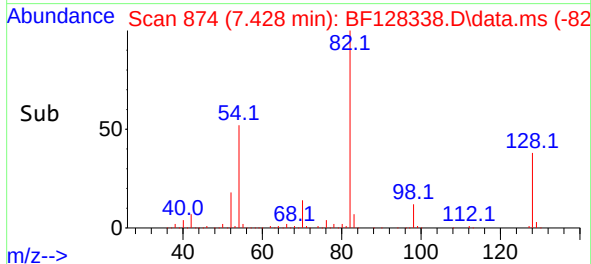
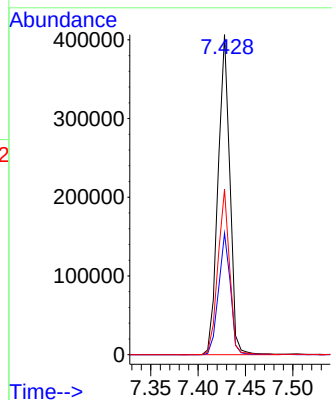
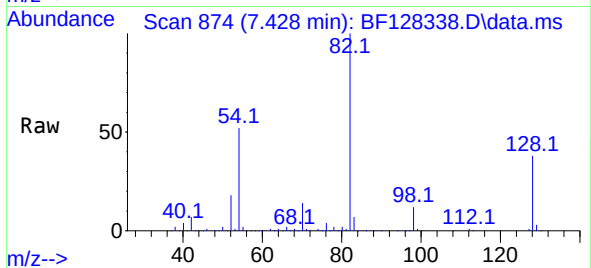




#23
Nitrobenzene-d5
Concen: 58.564 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.017 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

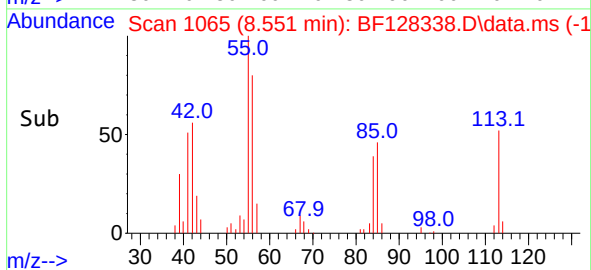
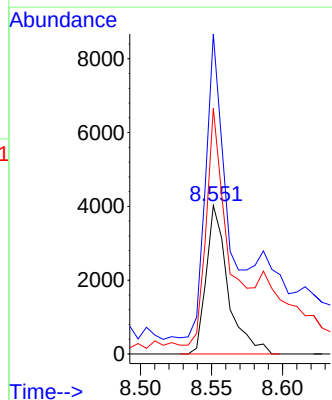
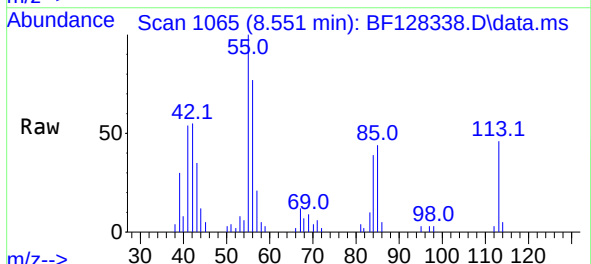
Instrument :
BNA_F
ClientSampleId :
CS-7N

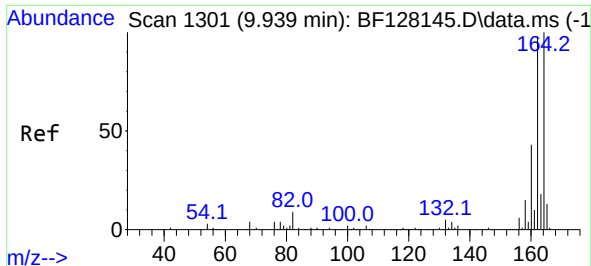
Tgt Ion: 82 Resp: 353944
Ion Ratio Lower Upper
82 100
128 38.0 30.0 45.0
54 51.7 41.3 61.9



#35
Caprolactam
Concen: 3.307 ng
RT: 8.551 min Scan# 1065
Delta R.T. -0.070 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

Tgt Ion: 113 Resp: 4284
Ion Ratio Lower Upper
113 100
55 215.6 157.4 197.4#
56 165.5 116.1 156.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128338.D

Acq: 19 May 2022 16:00

Instrument :

BNA_F

ClientSampleId :

CS-7N

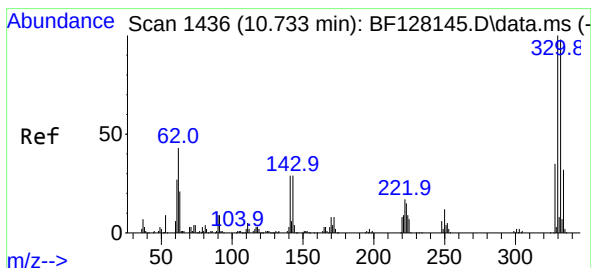
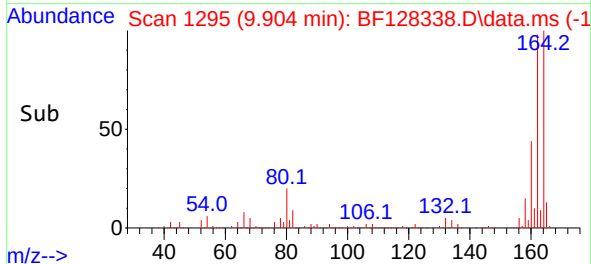
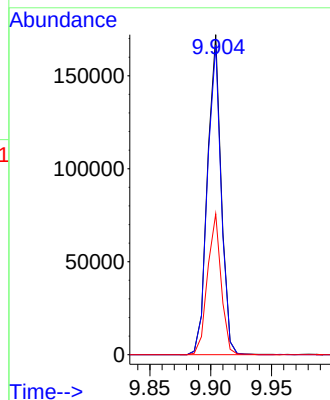
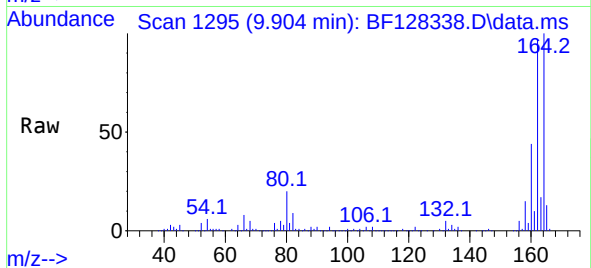
Tgt Ion:164 Resp: 134770

Ion Ratio Lower Upper

164 100

162 96.8 76.0 114.0

160 44.0 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 0.181 ng

RT: 10.698 min Scan# 1430

Delta R.T. -0.012 min

Lab File: BF128338.D

Acq: 19 May 2022 16:00

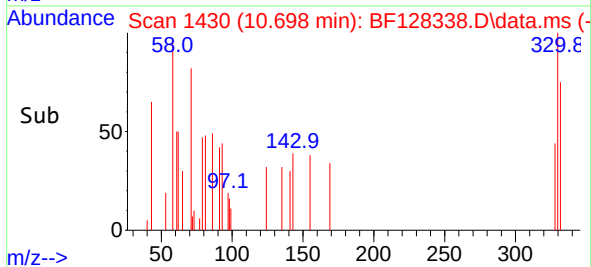
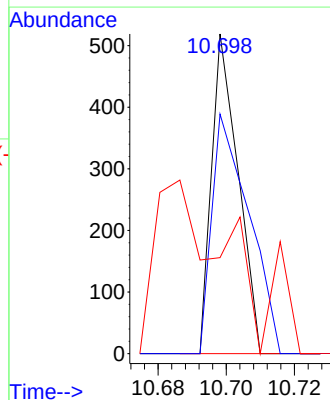
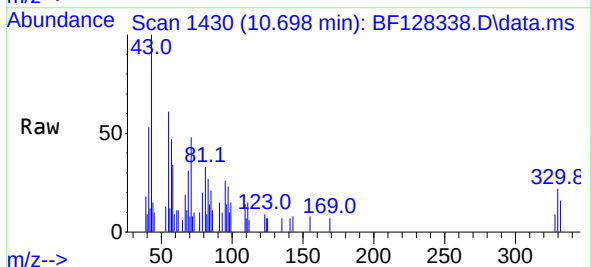
Tgt Ion:330 Resp: 280

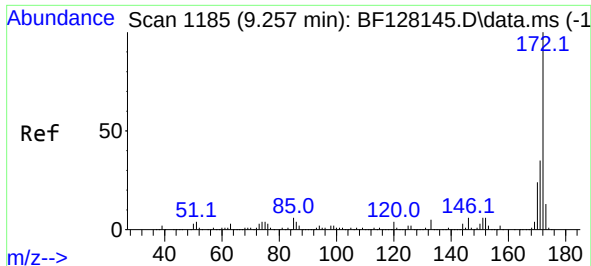
Ion Ratio Lower Upper

330 100

332 105.0 79.0 118.4

141 158.2 28.9 43.3#

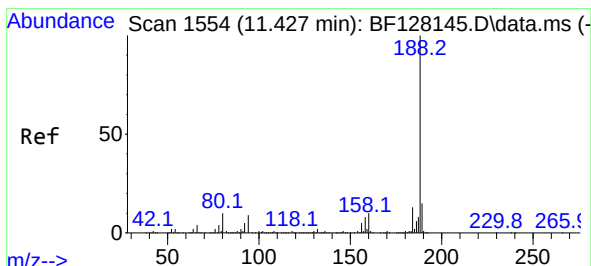
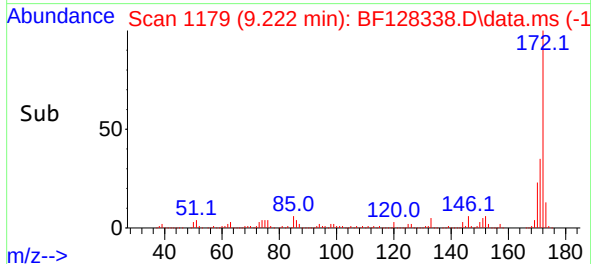
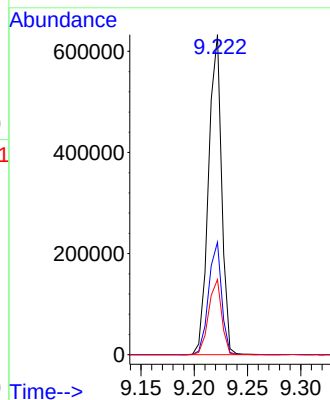
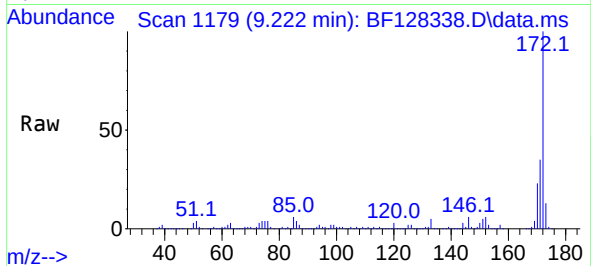




#45
2-Fluorobiphenyl
Concen: 63.084 ng
RT: 9.222 min Scan# 1185
Delta R.T. -0.012 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

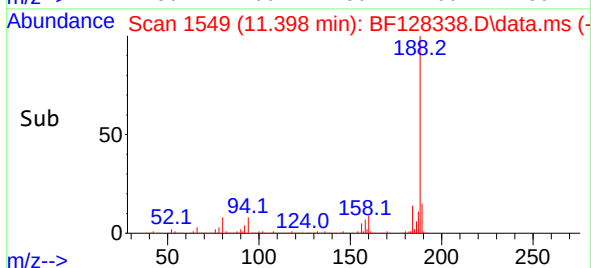
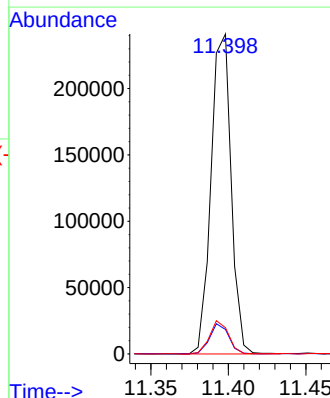
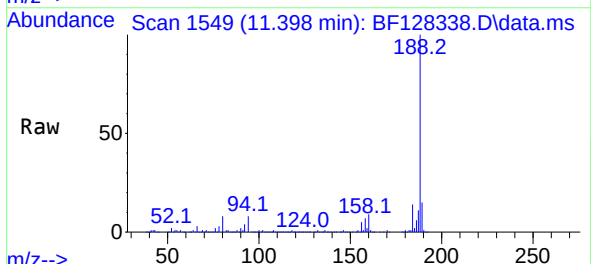
Instrument :
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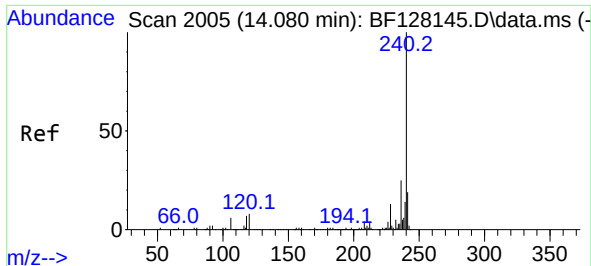
Tgt Ion:172 Resp: 543352
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.5 19.1 28.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

Tgt Ion:188 Resp: 217914
Ion Ratio Lower Upper
188 100
94 7.6 8.0 12.0#
80 8.2 8.9 13.3#

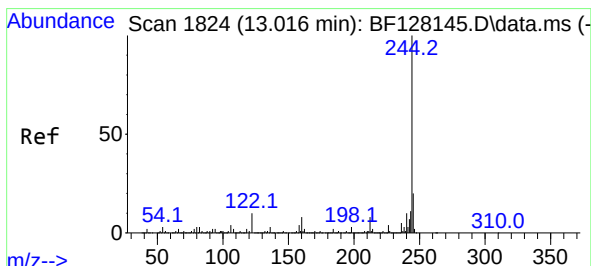
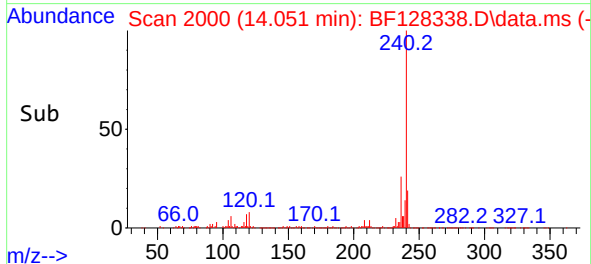
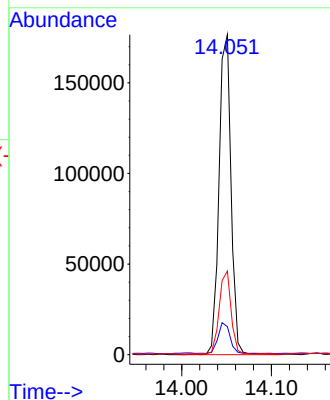
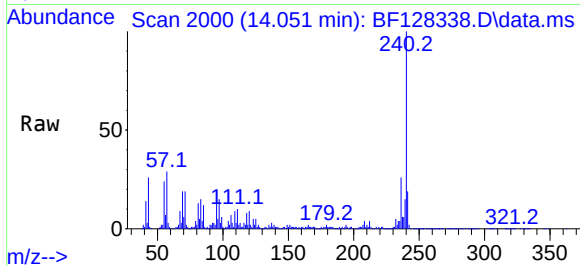




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

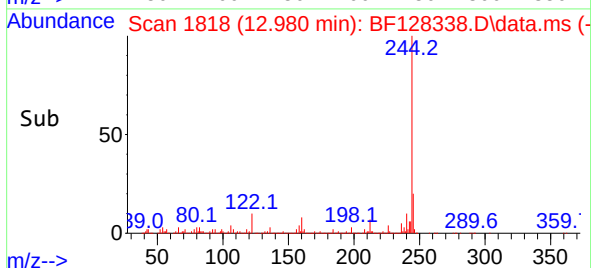
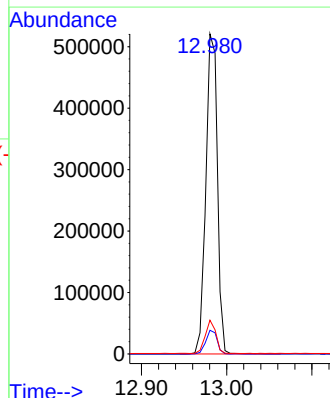
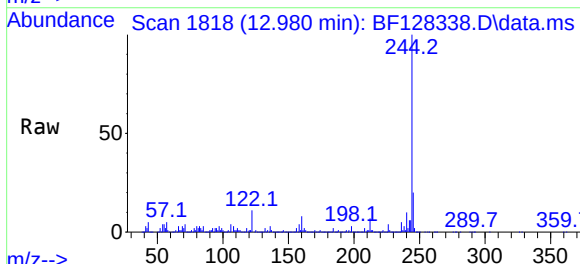
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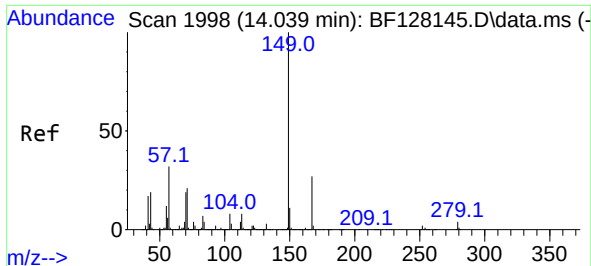
Tgt Ion:240 Resp: 163630
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.1 20.3 30.5



#79
Terphenyl-d14
Concen: 55.957 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

Tgt Ion:244 Resp: 487967
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 10.6 8.6 12.8

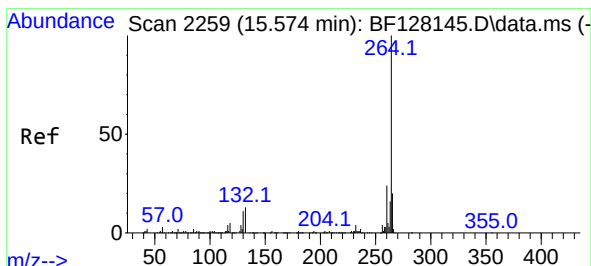
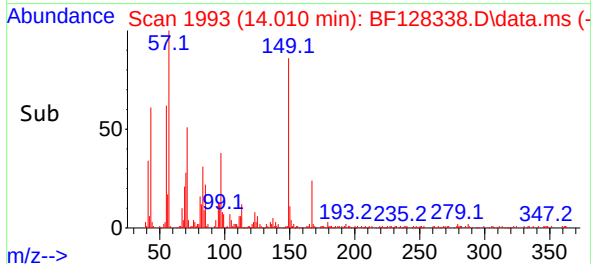
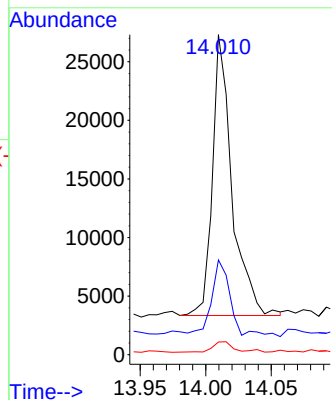
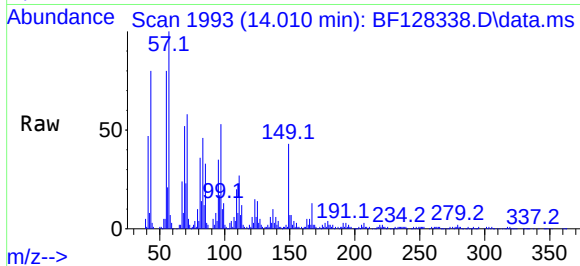




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.726 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

Instrument :
BNA_F
ClientSampleId :
CS-7N

Tgt Ion:149 Resp: 24834
Ion Ratio Lower Upper
149 100
167 29.6 22.0 33.0
279 4.0 3.4 5.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

Tgt Ion:264 Resp: 129625
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 21.4 17.5 26.3

