

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)

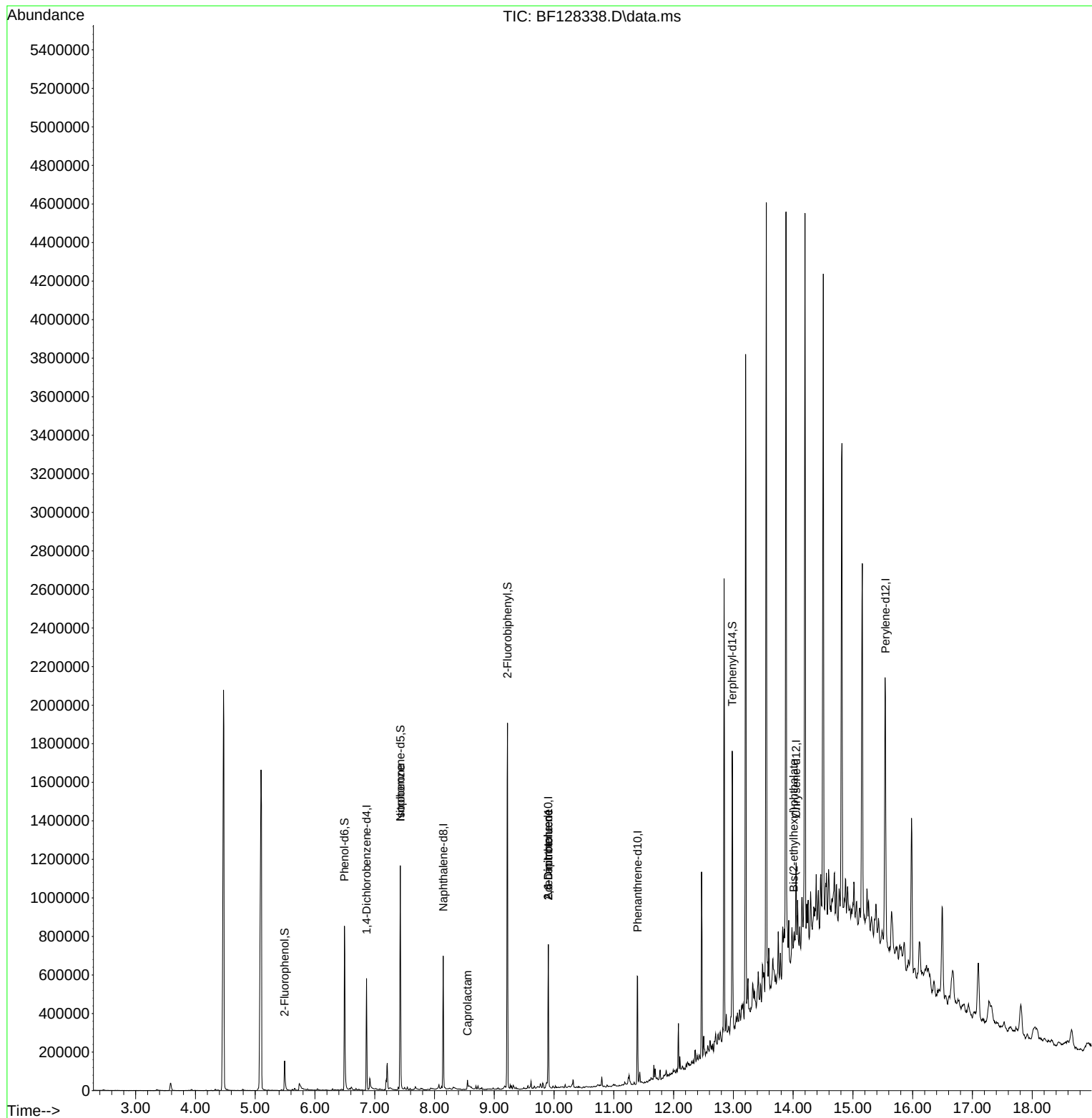
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	73750	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	271945	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	134770	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	217914	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	163630	20.000	ng	0.00
86) Perylene-d12	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						
						Qvalue
9) Benzaldehyde	6.493	77	498	Below Cal	#	3
25) Isophorone	7.428	82	353855	37.346	ng	# 68
35) Caprolactam	8.551	113	4284	3.307	ng	# 74
51) 2,6-Dinitrotoluene	9.904	165	17600	9.225	ng	# 25
57) 2,4-Dinitrotoluene	9.904	165	17600	6.899	ng	# 30
84) Bis(2-ethylhexyl)phtha...	14.010	149	24834	3.726	ng	96

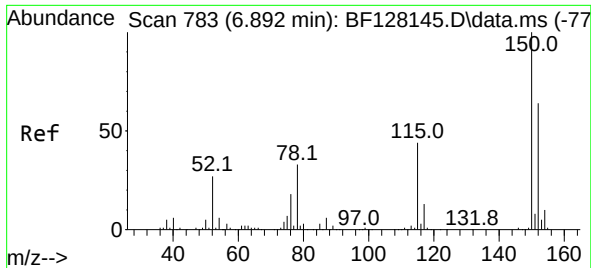
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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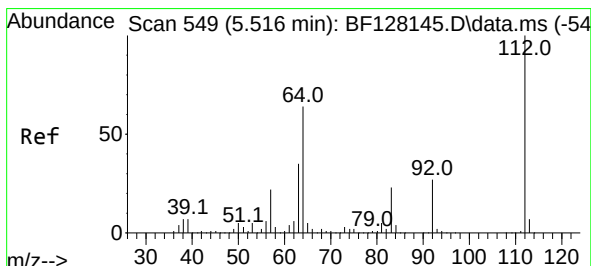
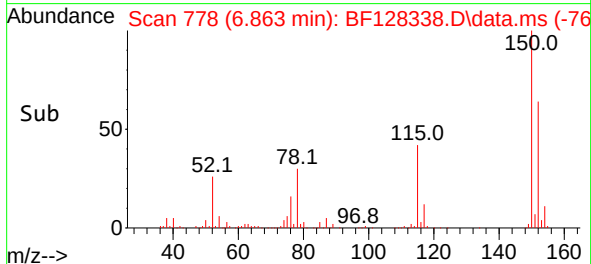
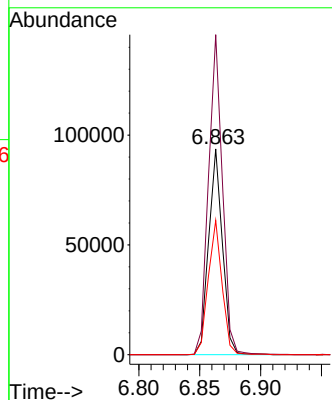
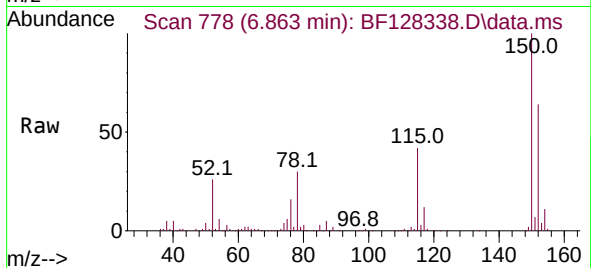




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

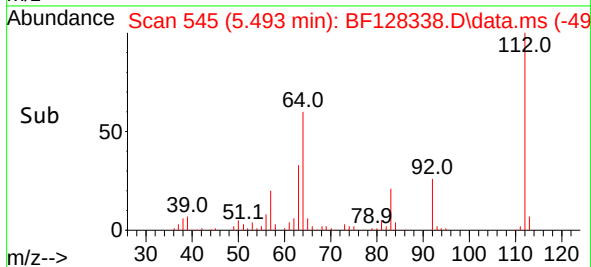
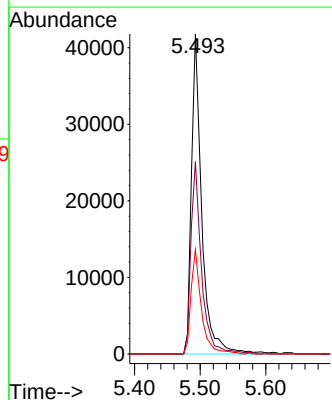
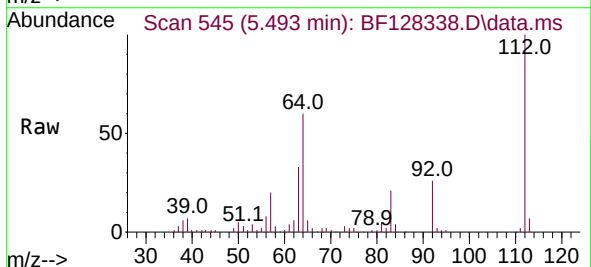
Instrument :
BNA_F
ClientSampleId :
CS-7N

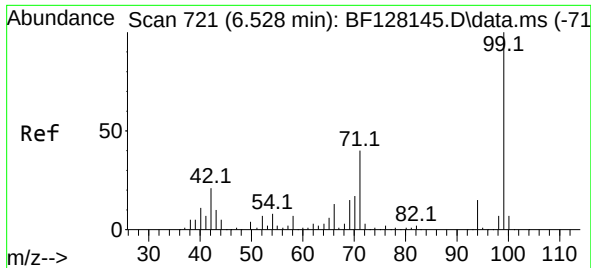
Tgt Ion:152 Resp: 73750
Ion Ratio Lower Upper
152 100
150 155.5 125.3 187.9
115 65.3 48.8 73.2



#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

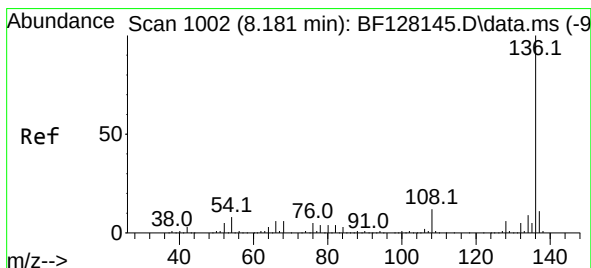
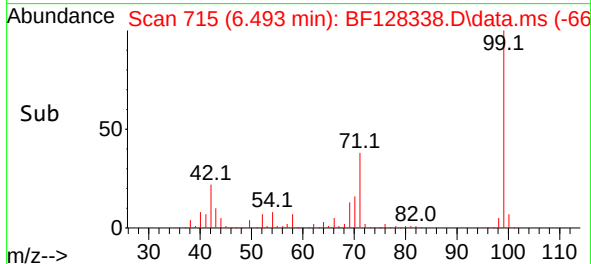
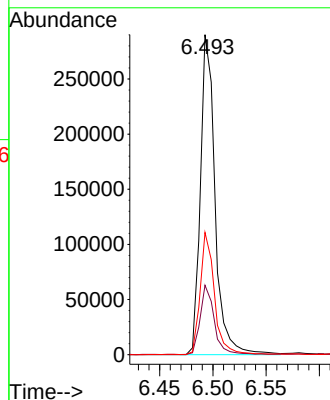
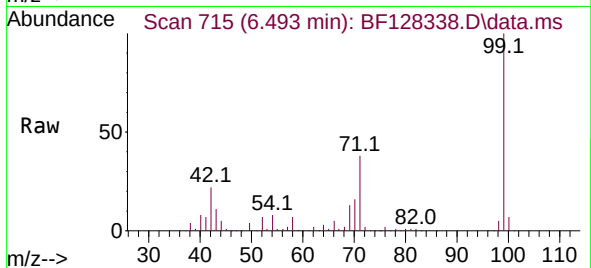




#7
Phenol-d6
Concen: 45.575 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

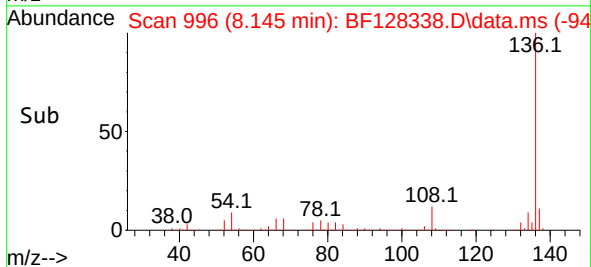
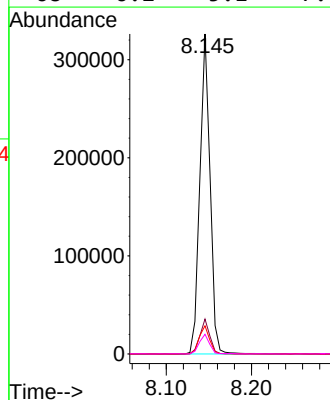
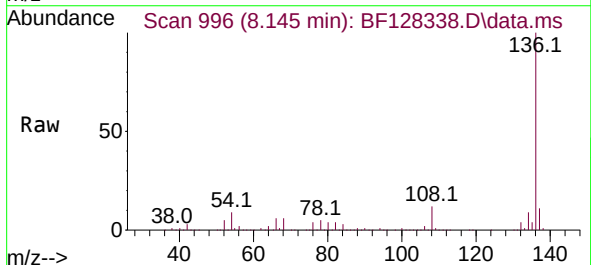
Instrument :
BNA_F
ClientSampleId :
CS-7N

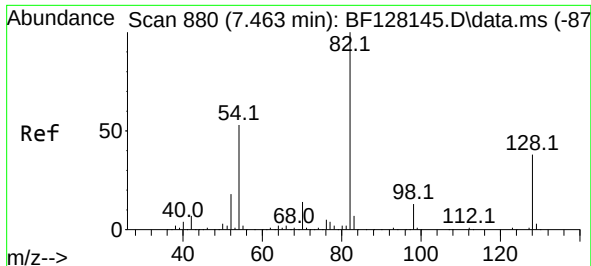
Tgt Ion: 99 Resp: 278874
Ion Ratio Lower Upper
99 100
42 21.7 16.6 24.8
71 38.2 30.0 45.0



#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

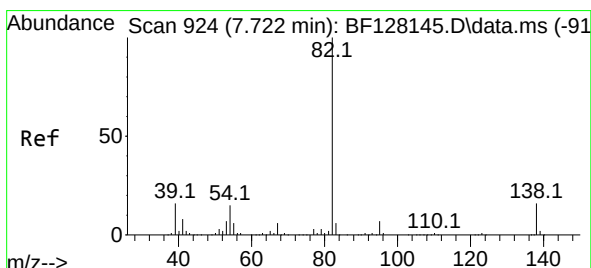
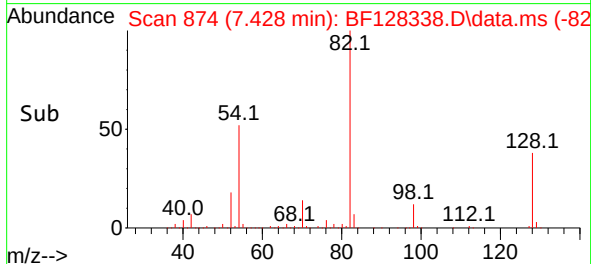
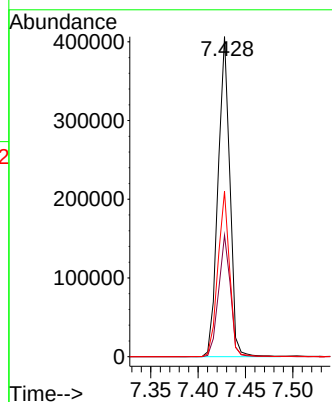
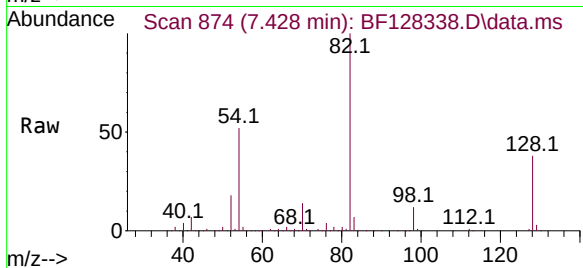
Tgt Ion: 82 Resp: 353944

Ion Ratio Lower Upper

82 100

128 38.0 30.0 45.0

54 51.7 41.3 61.9



#25

Isophorone

Concen: 37.346 ng

RT: 7.428 min Scan# 874

Delta R.T. -0.270 min

Lab File: BF128338.D

Acq: 19 May 2022 16:00

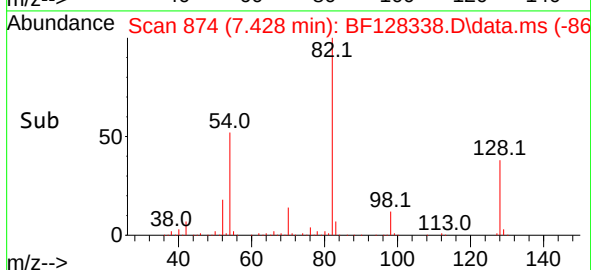
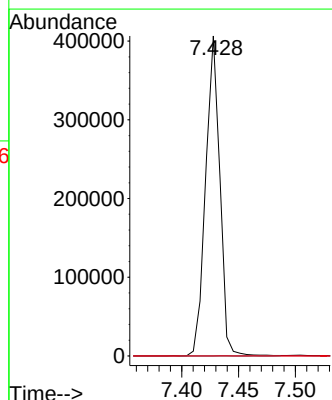
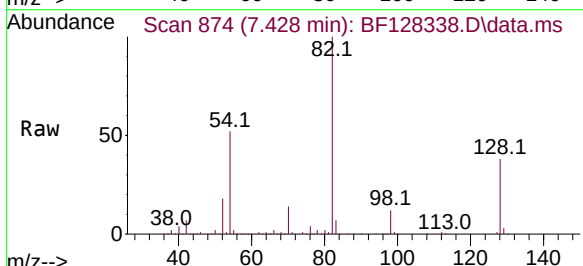
Tgt Ion: 82 Resp: 353855

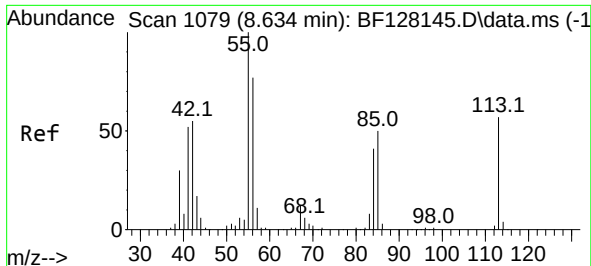
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 12.5 18.7#

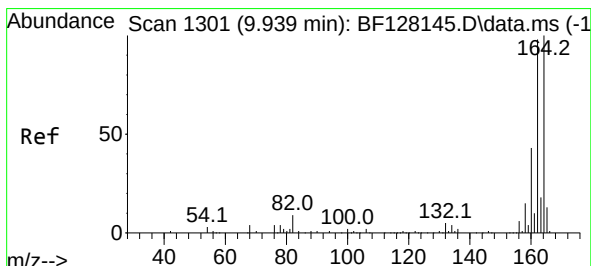
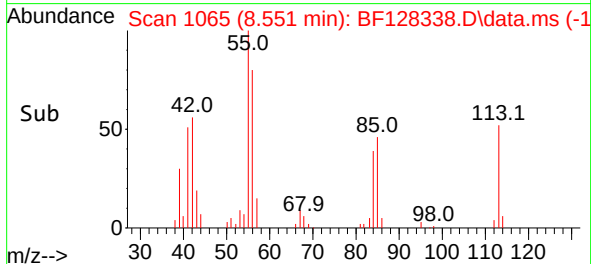
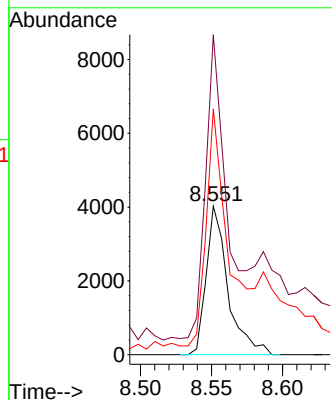
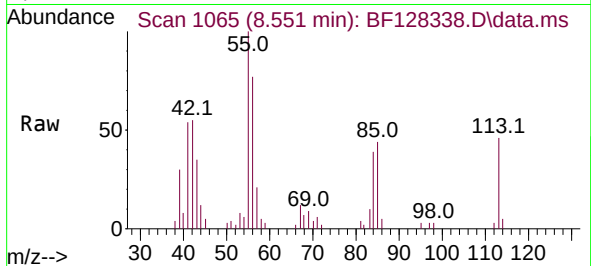




#35
 Caprolactam
 Concen: 3.307 ng
 RT: 8.551 min Scan# 1065
 Delta R.T. -0.070 min
 Lab File: BF128338.D
 Acq: 19 May 2022 16:00

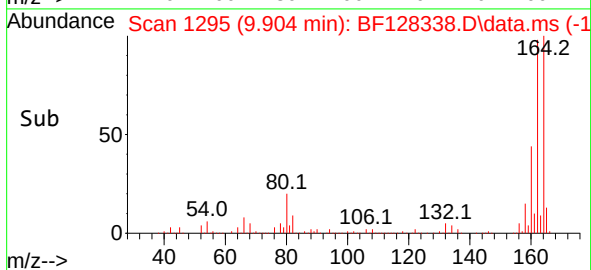
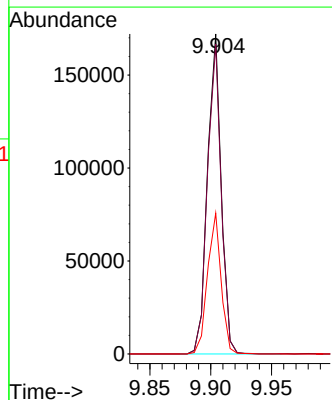
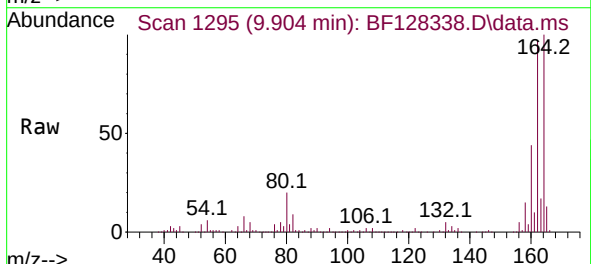
Instrument :
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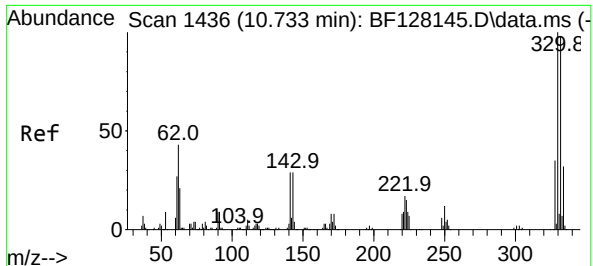
Tgt Ion:113 Resp: 4284
 Ion Ratio Lower Upper
 113 100
 55 215.6 157.4 197.4#
 56 165.5 116.1 156.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.904 min Scan# 1295
 Delta R.T. -0.012 min
 Lab File: BF128338.D
 Acq: 19 May 2022 16:00

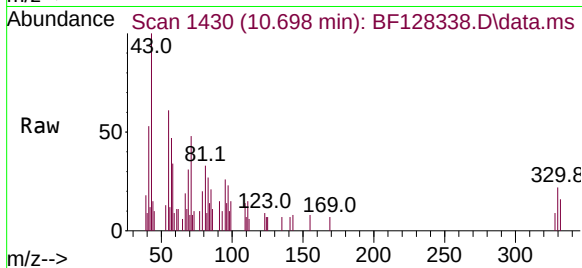
Tgt Ion:164 Resp: 134770
 Ion Ratio Lower Upper
 164 100
 162 96.8 76.0 114.0
 160 44.0 34.8 52.2



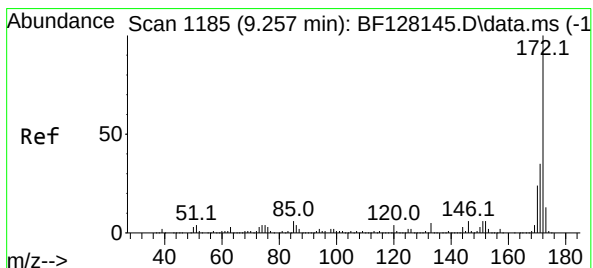
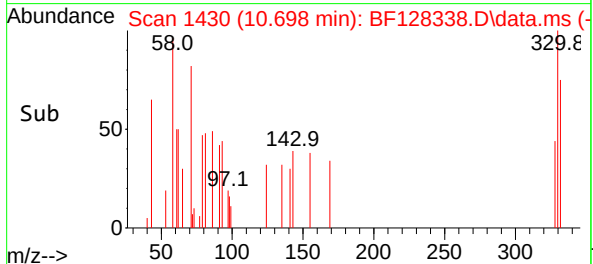
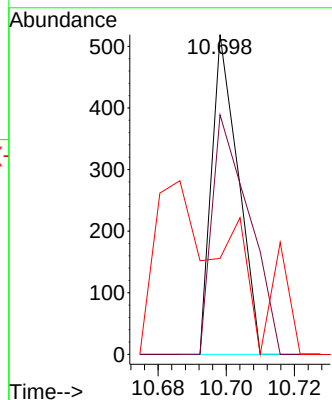


#42
2,4,6-Tribromophenol
Concen: 0.181 ng
RT: 10.698 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

Instrument :
BNA_F
ClientSampleId :
CS-7N

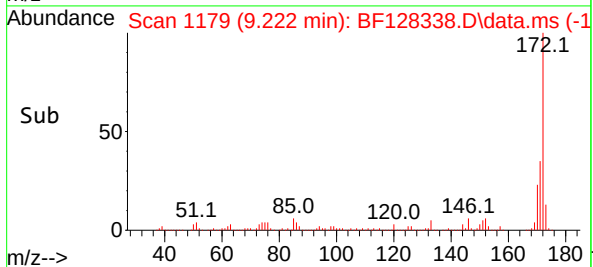
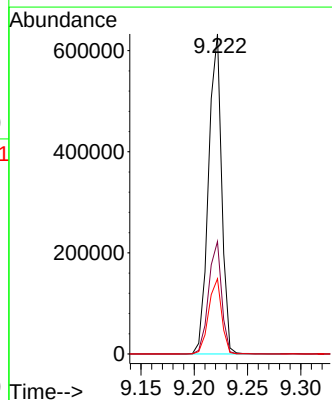
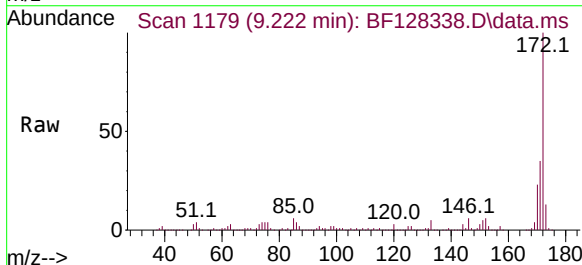


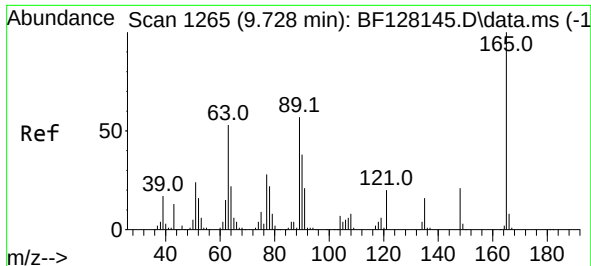
Tgt Ion: 330 Resp: 280
Ion Ratio Lower Upper
330 100
332 105.0 79.0 118.4
141 158.2 28.9 43.3#



#45
2-Fluorobiphenyl
Concen: 63.084 ng
RT: 9.222 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

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

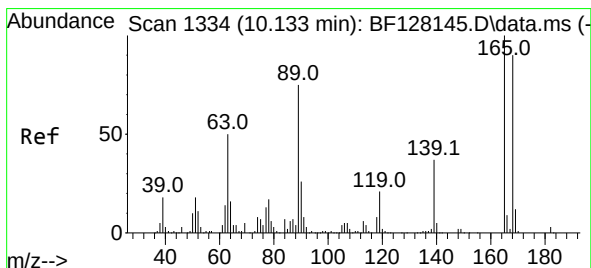
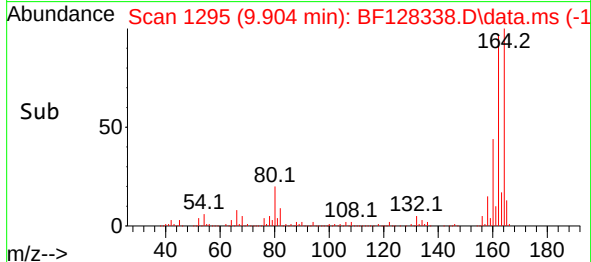
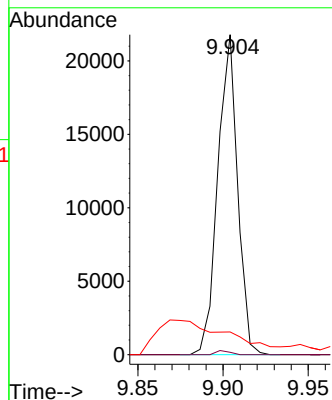
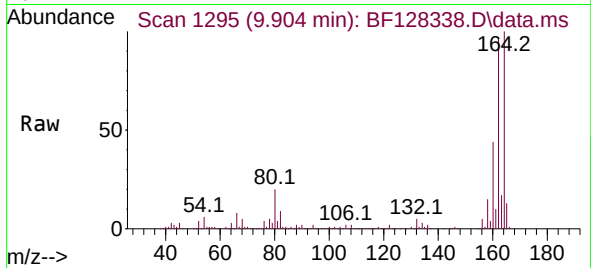




#51
2,6-Dinitrotoluene
Concen: 9.225 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

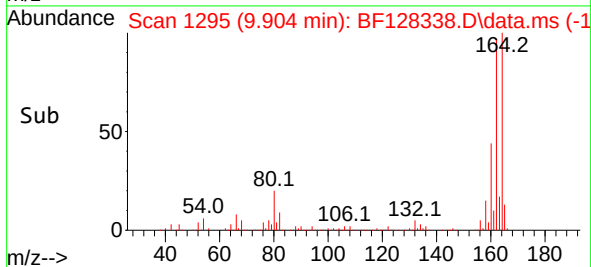
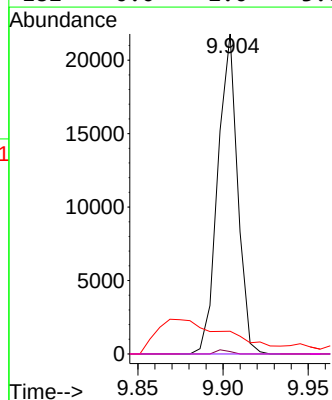
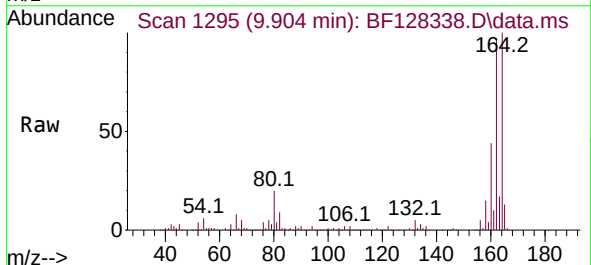
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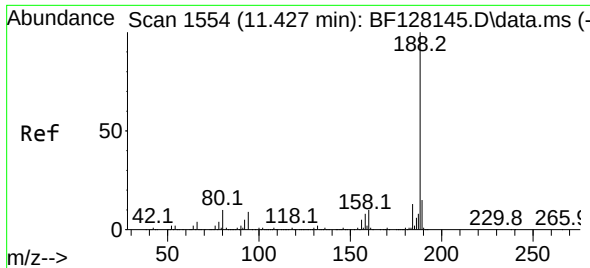
Tgt Ion:165 Resp: 17600
Ion Ratio Lower Upper
165 100
63 0.7 49.5 74.3#
89 7.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.899 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.212 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

Tgt Ion:165 Resp: 17600
Ion Ratio Lower Upper
165 100
63 0.7 32.6 49.0#
89 7.1 55.2 82.8#
182 0.0 2.0 3.0#

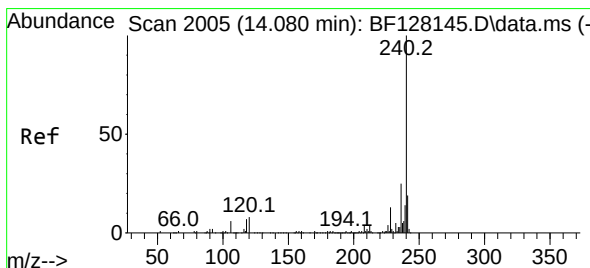
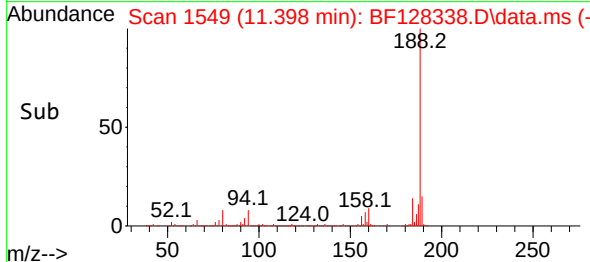
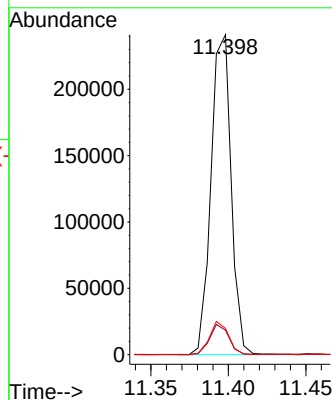
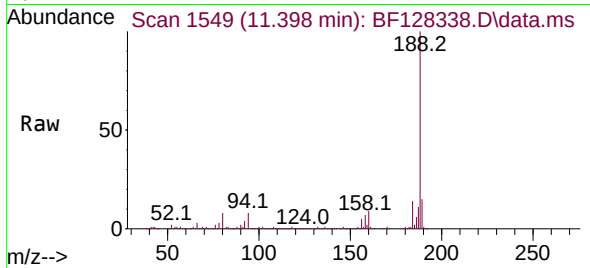




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128338.D
Acq: 19 May 2022 16:00

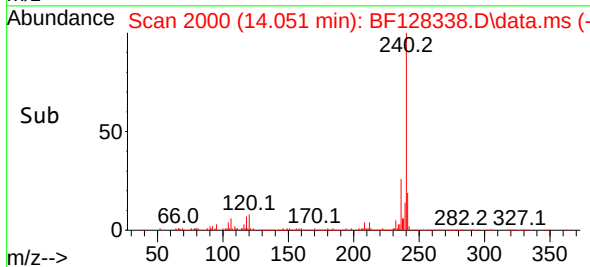
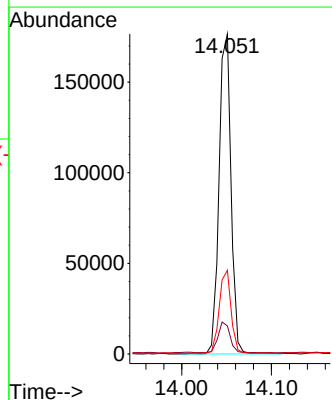
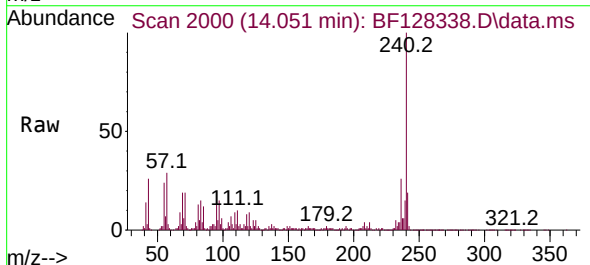
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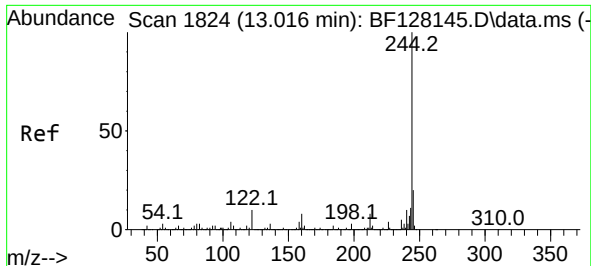
Tgt Ion:188 Resp: 217914
Ion Ratio Lower Upper
188 100
94 7.6 8.0 12.0#
80 8.2 8.9 13.3#



#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

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

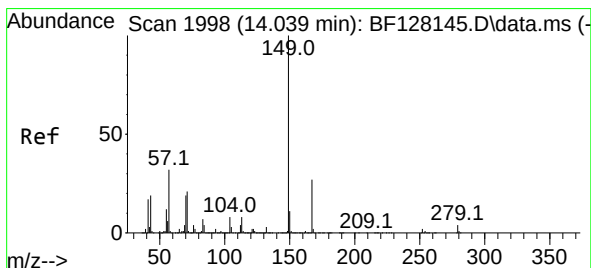
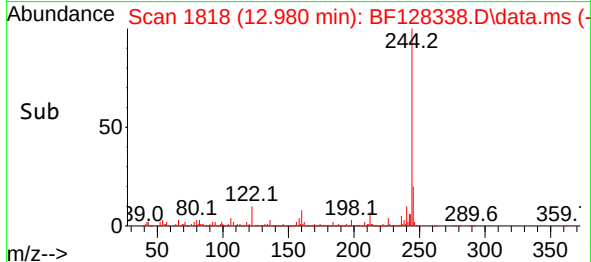
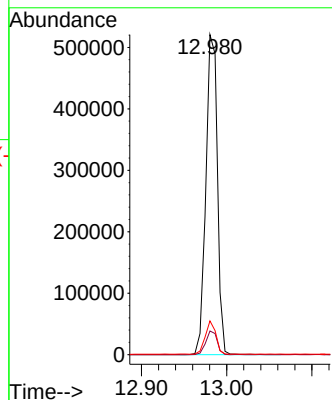
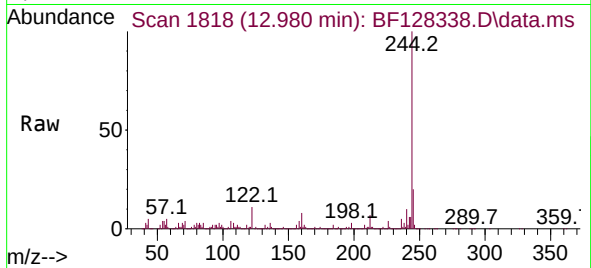




#79
 Terphenyl-d14
 Concen: 55.957 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. -0.012 min
 Lab File: BF128338.D
 Acq: 19 May 2022 16:00

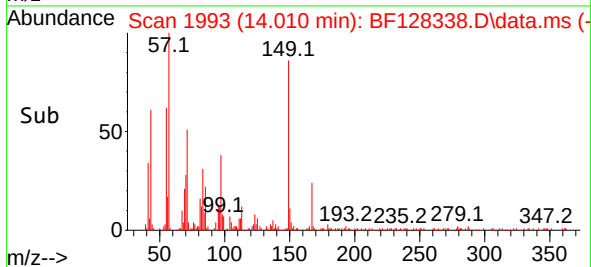
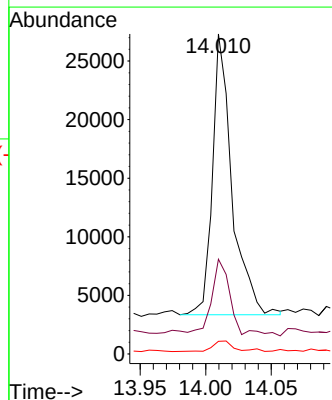
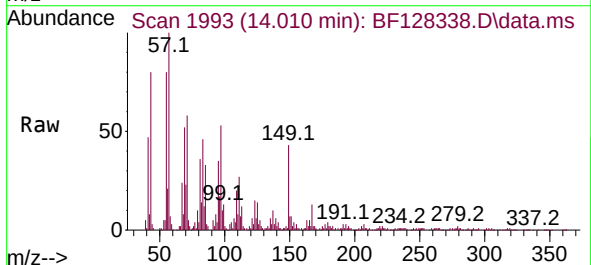
Instrument :
 BNA_F
 ClientSampleId :
 CS-7N

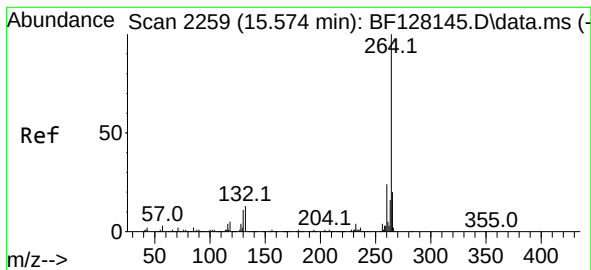
Tgt Ion:244 Resp: 487967
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 10.6 8.6 12.8



#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

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# 21
 Delta R.T. 0.000 min
 Lab File: BF128338.D
 Acq: 19 May 2022 16:00

Instrument :
 BNA_F
 ClientSampleId :
 CS-7N

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

