

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051922\
 Data File : BF128334.D
 Acq On : 19 May 2022 14:00
 Operator : CG\JU
 Sample : PB144922BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144922BL

Quant Time: May 19 16:51:17 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)

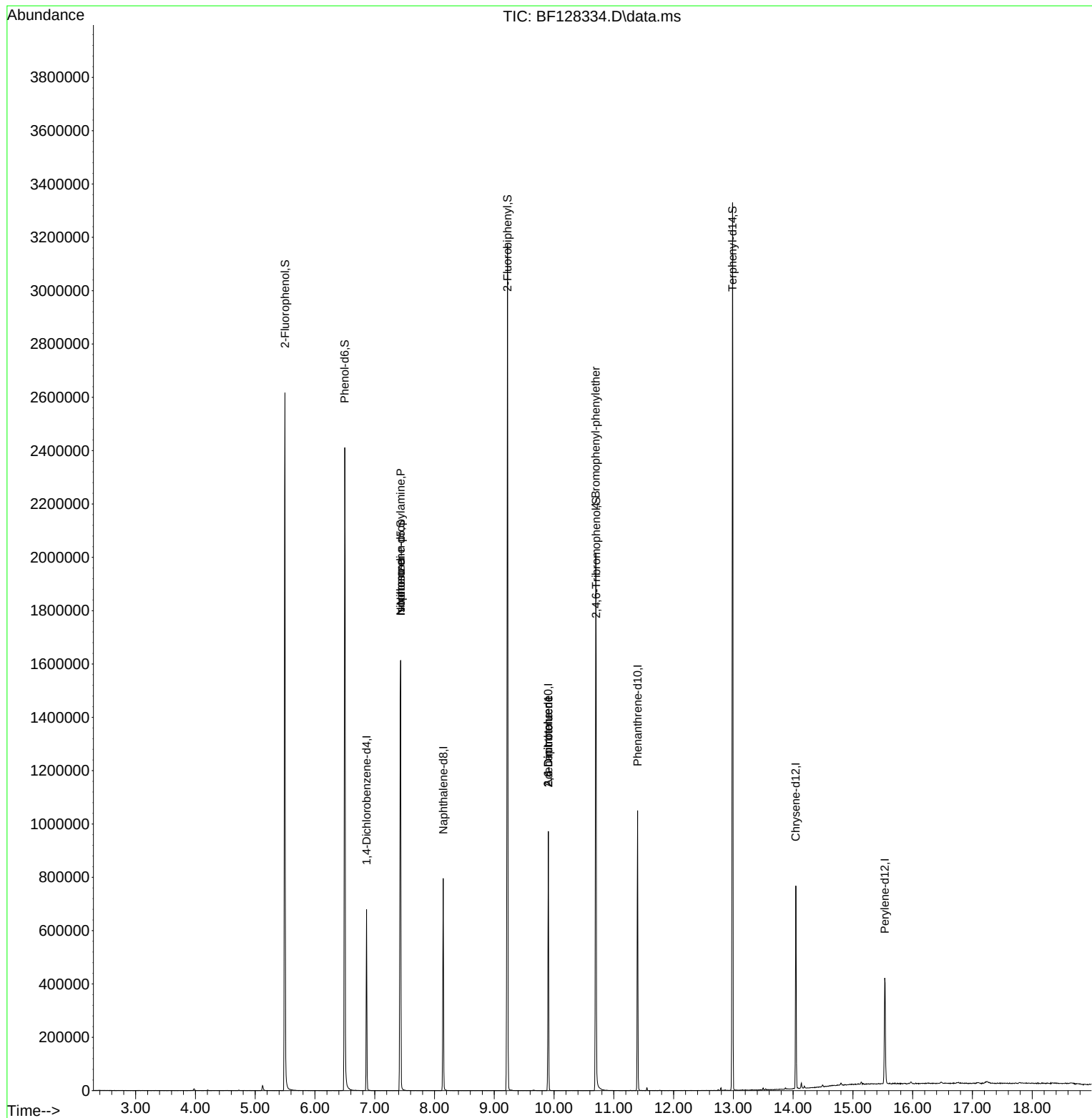
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	88163	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	338715	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	192251	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	351467	20.000	ng	0.00
76) Chrysene-d12	14.045	240	248219	20.000	ng	-0.01
86) Perylene-d12	15.533	264	186747	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	670193	121.182	ng	0.00
7) Phenol-d6	6.498	99	867822	118.638	ng	-0.01
23) Nitrobenzene-d5	7.434	82	609644	80.988	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	246672	111.875	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1023527	83.303	ng	-0.01
79) Terphenyl-d14	12.986	244	1183039	89.432	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	1610	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.434	70	82946	18.413	ng	# 79
25) Isophorone	7.434	82	609638	51.658	ng	# 68
51) 2,6-Dinitrotoluene	9.904	165	25187	9.255	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	25187	6.921	ng	# 26
67) 4-Bromophenyl-phenylether	10.698	248	15294	4.045	ng	# 1

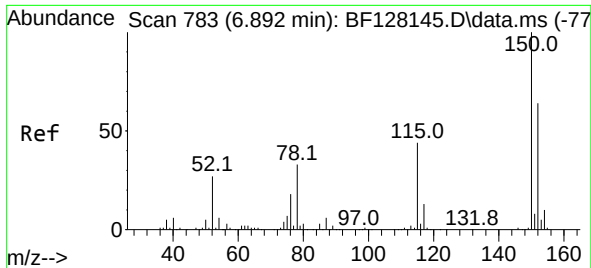
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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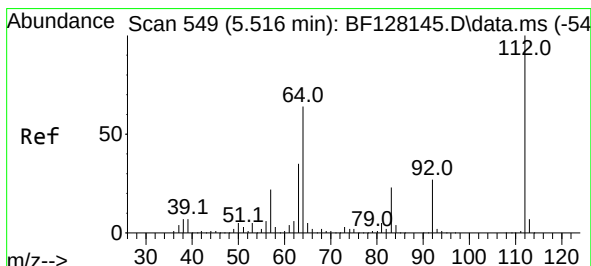
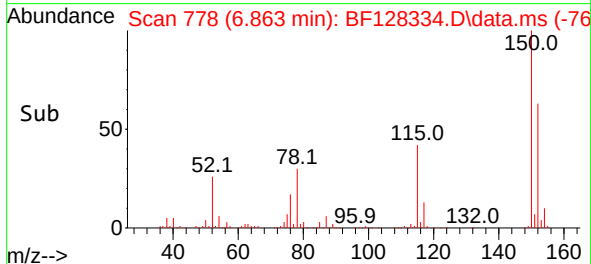
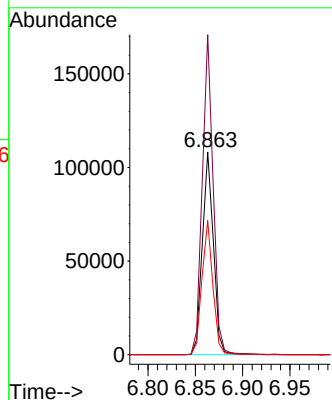
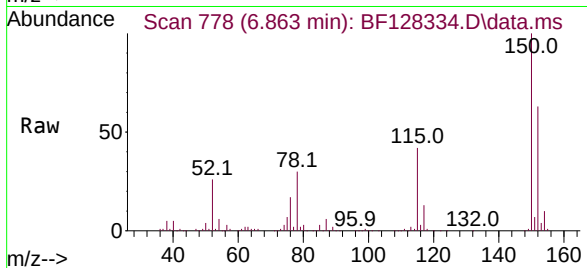




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128334.D
 Acq: 19 May 2022 14:00

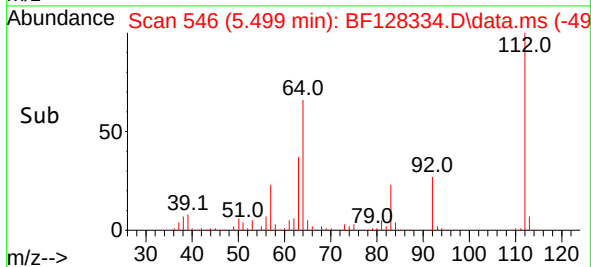
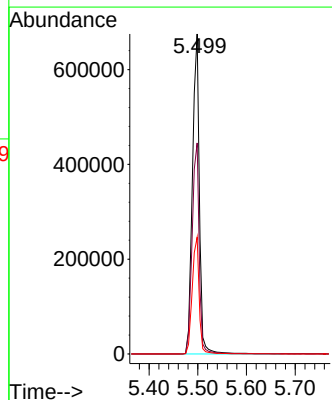
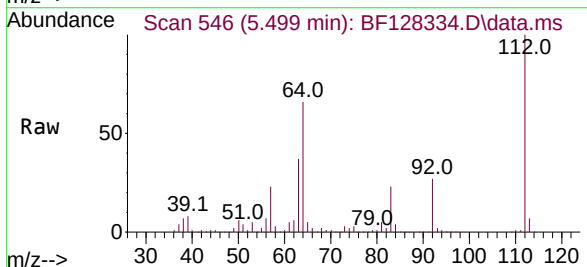
Instrument :
 BNA_F
 ClientSampleId :
 PB144922BL

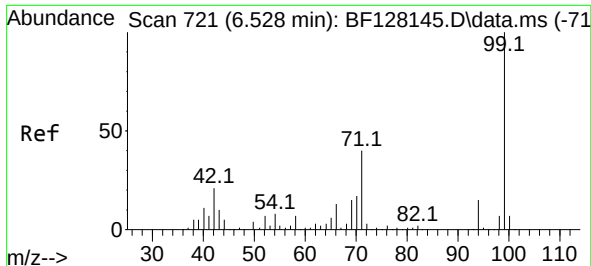
Tgt Ion:152 Resp: 88163
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.3 187.9
 115 66.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 121.182 ng
 RT: 5.499 min Scan# 546
 Delta R.T. 0.006 min
 Lab File: BF128334.D
 Acq: 19 May 2022 14:00

Tgt Ion:112 Resp: 670193
 Ion Ratio Lower Upper
 112 100
 64 65.9 49.5 74.3
 63 36.5 26.3 39.5

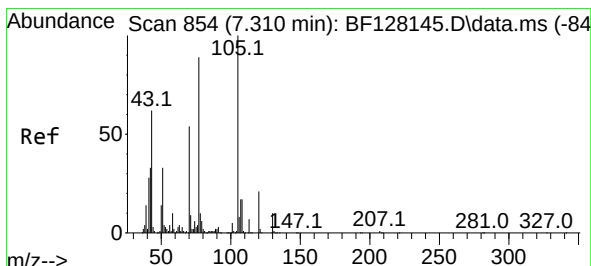
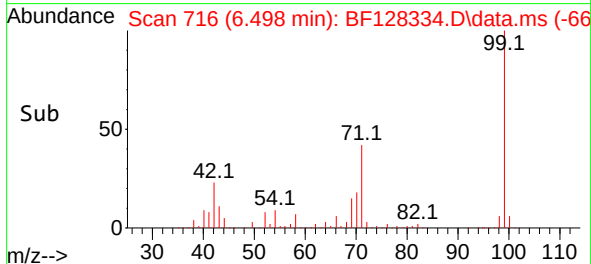
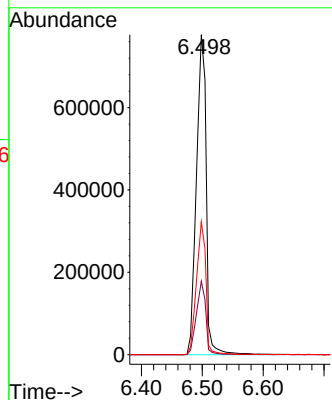
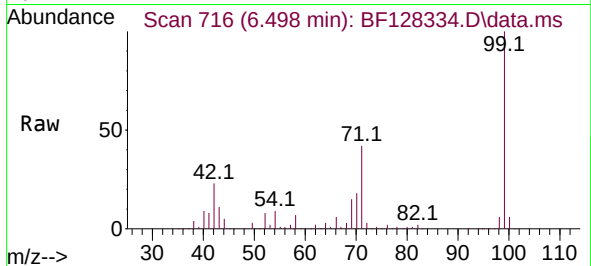




#7
Phenol-d6
Concen: 118.638 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

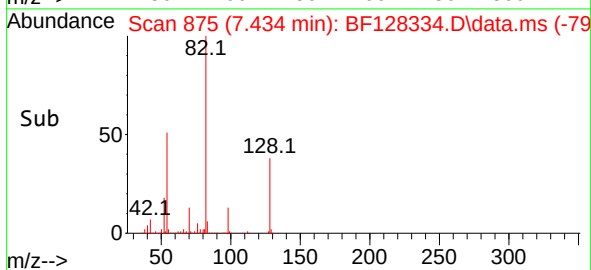
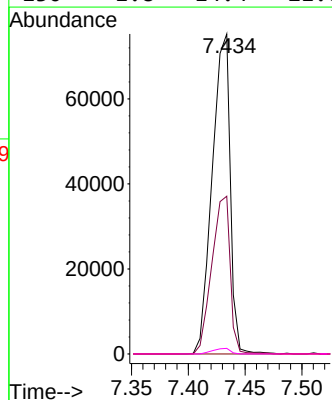
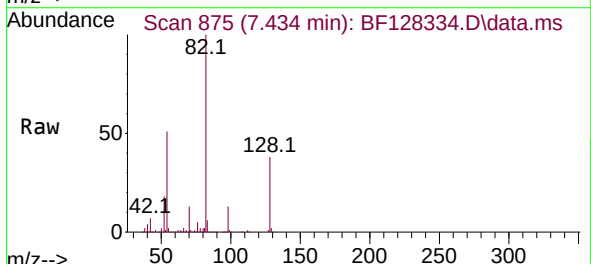
Instrument :
BNA_F
ClientSampleId :
PB144922BL

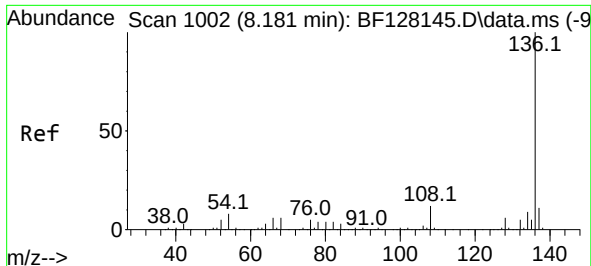
Tgt Ion: 99 Resp: 867822
Ion Ratio Lower Upper
99 100
42 22.9 16.6 24.8
71 41.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.413 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.147 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Tgt Ion: 70 Resp: 82946
Ion Ratio Lower Upper
70 100
42 49.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#



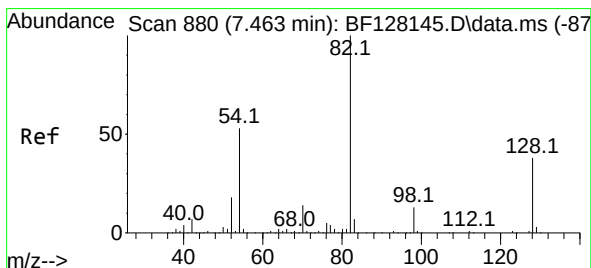
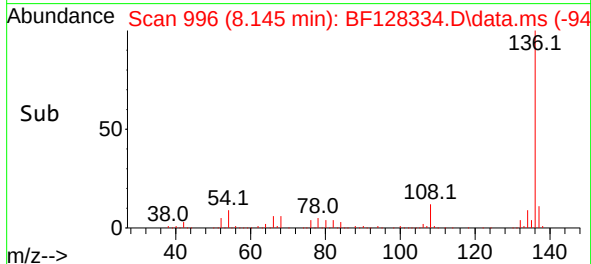
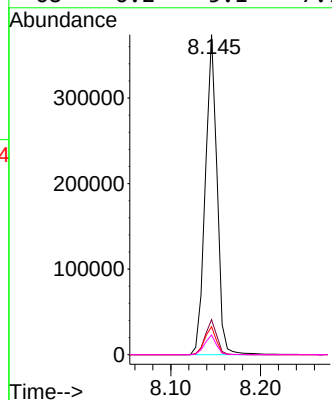
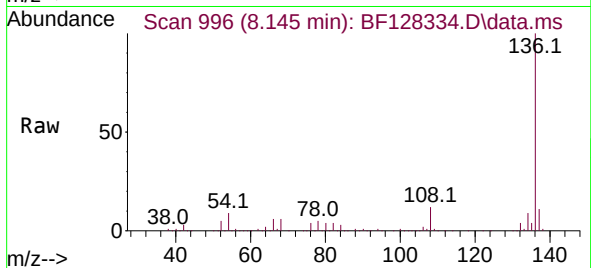


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Instrument :
BNA_F
ClientSampleId :
PB144922BL

Tgt Ion:136 Resp: 338715

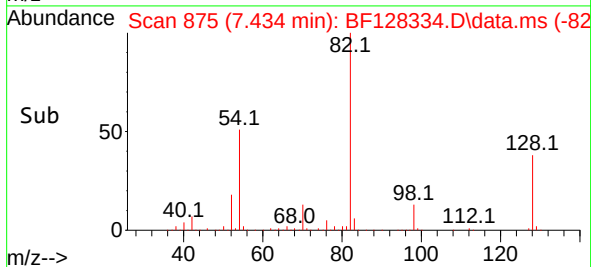
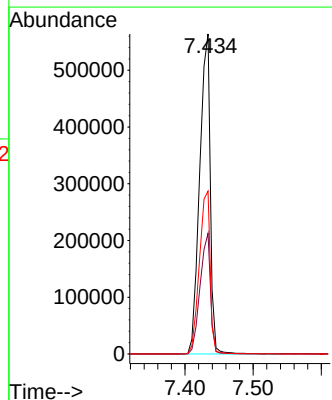
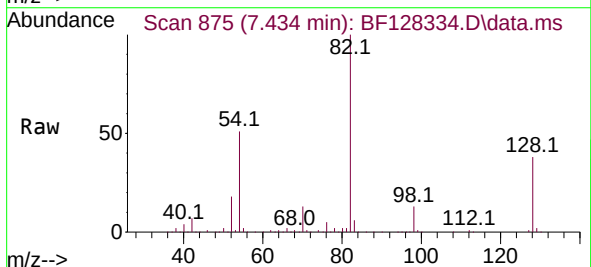
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.7	6.8	10.2
68	6.2	5.1	7.7

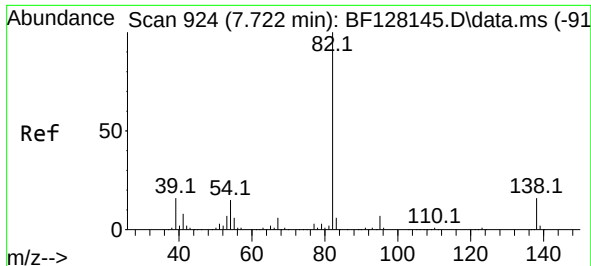


#23
Nitrobenzene-d5
Concen: 80.988 ng
RT: 7.434 min Scan# 875
Delta R.T. -0.012 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Tgt Ion: 82 Resp: 609644

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.0	45.0
54	50.9	41.3	61.9

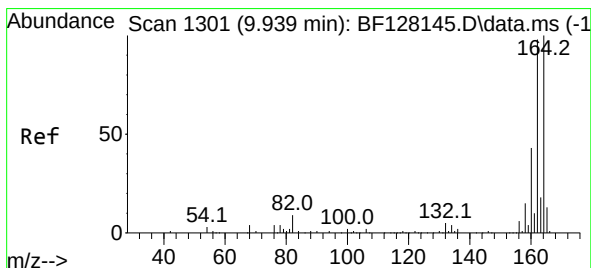
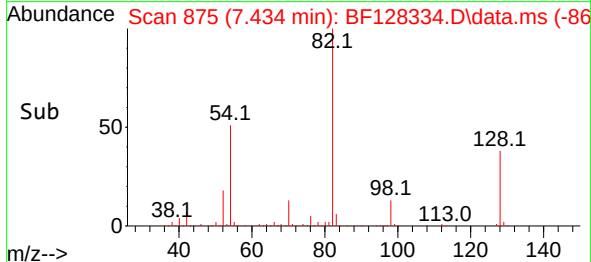
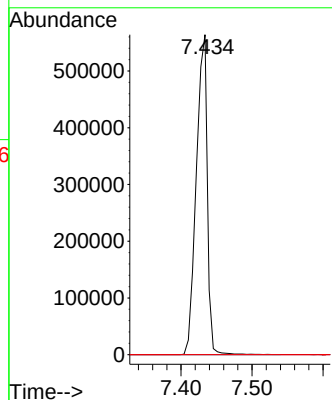
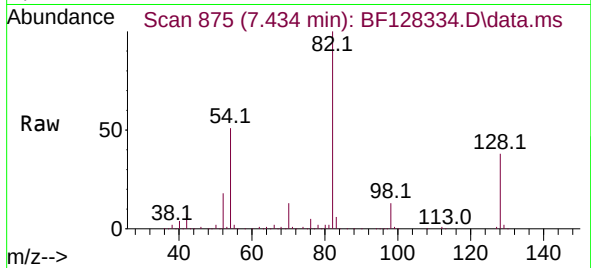




#25
Isophorone
Concen: 51.658 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

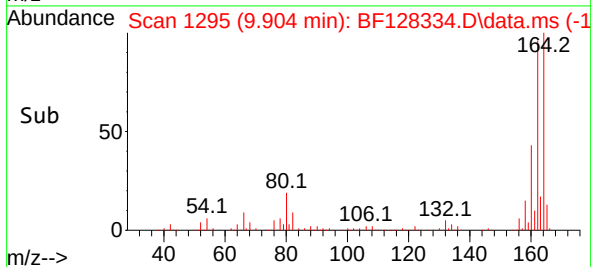
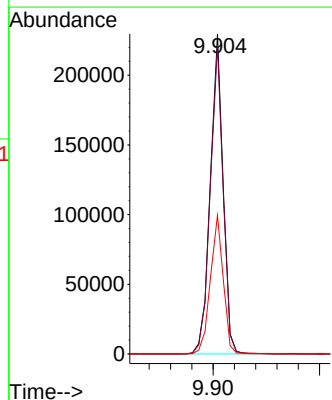
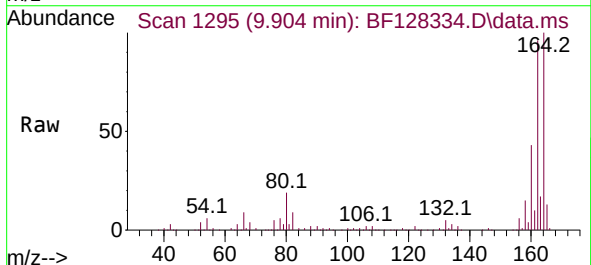
Instrument :
BNA_F
ClientSampleId :
PB144922BL

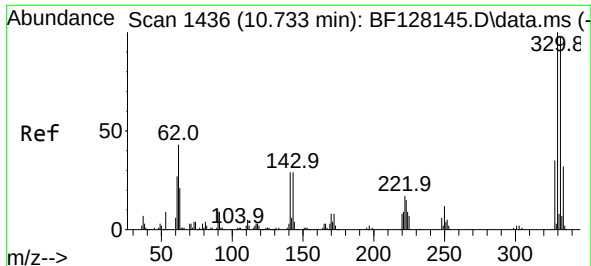
Tgt Ion: 82 Resp: 609638
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Tgt Ion: 164 Resp: 192251
Ion Ratio Lower Upper
164 100
162 96.4 76.0 114.0
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 111.875 ng

RT: 10.704 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128334.D

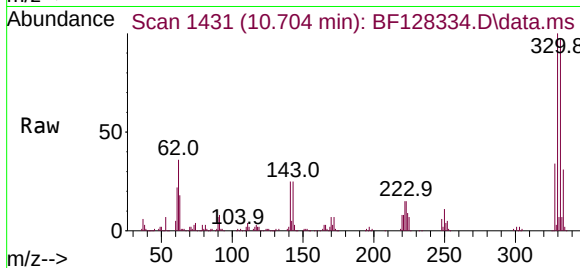
Acq: 19 May 2022 14:00

Instrument :

BNA_F

ClientSampleId :

PB144922BL



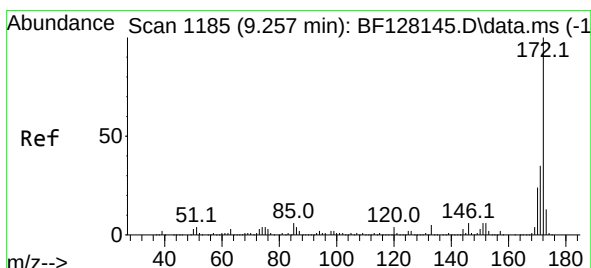
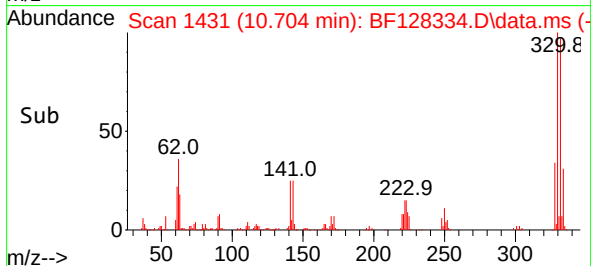
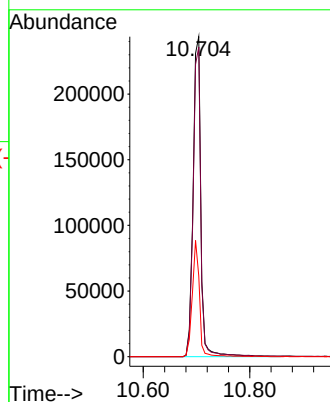
Tgt Ion:330 Resp: 246672

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 33.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 83.303 ng

RT: 9.222 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF128334.D

Acq: 19 May 2022 14:00

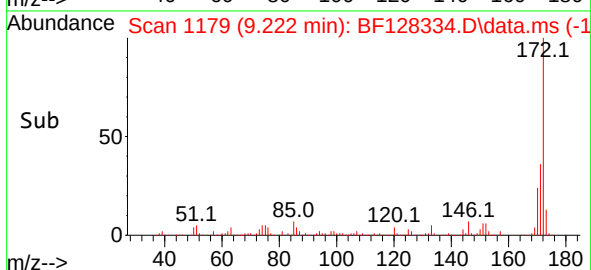
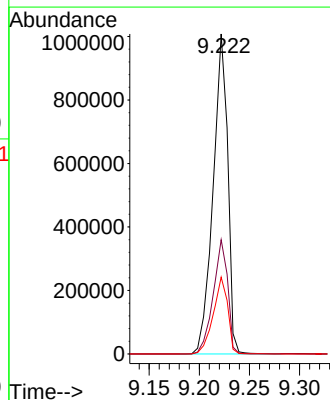
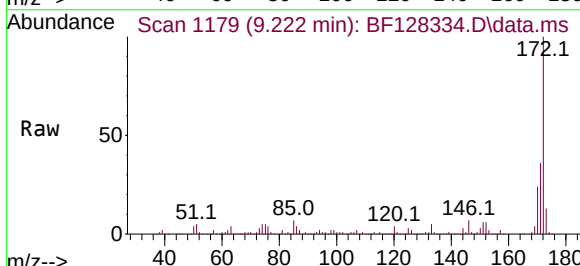
Tgt Ion:172 Resp: 1023527

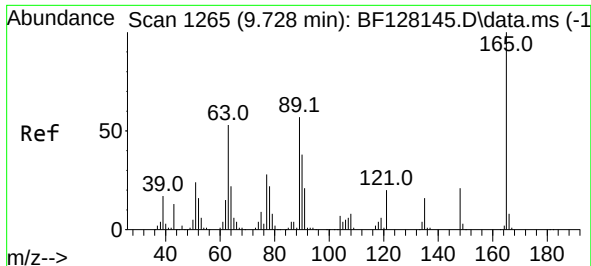
Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 24.0 19.1 28.7

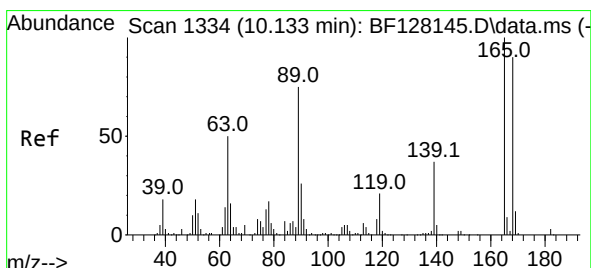
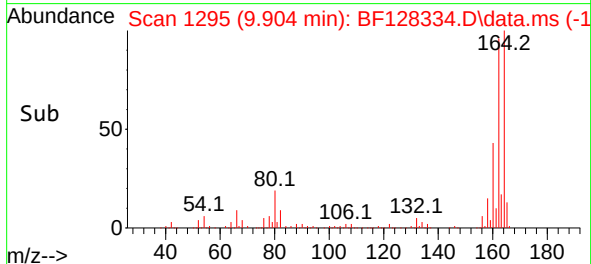
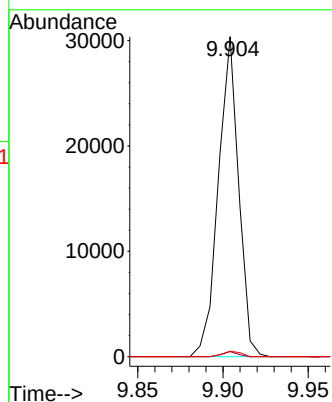
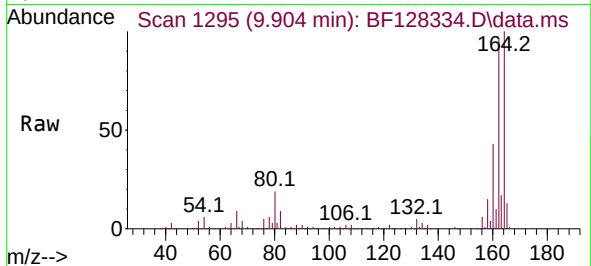




#51
2,6-Dinitrotoluene
Concen: 9.255 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

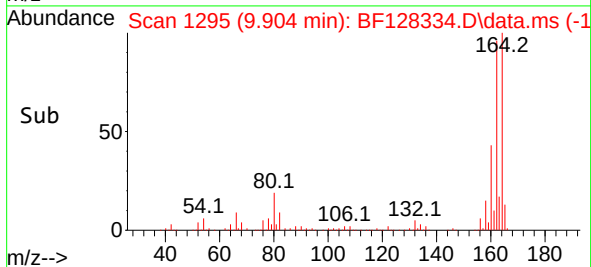
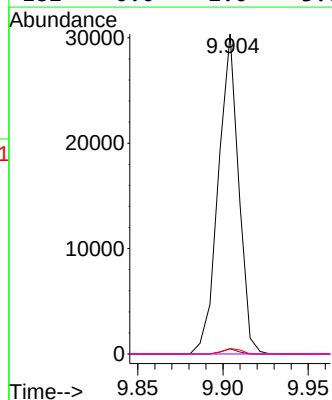
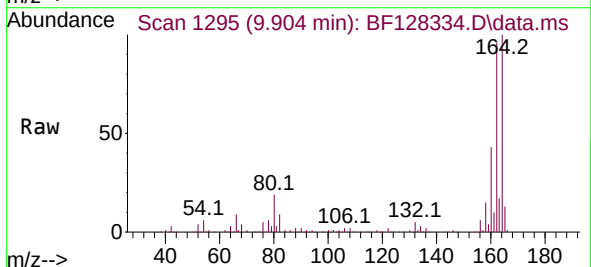
Instrument :
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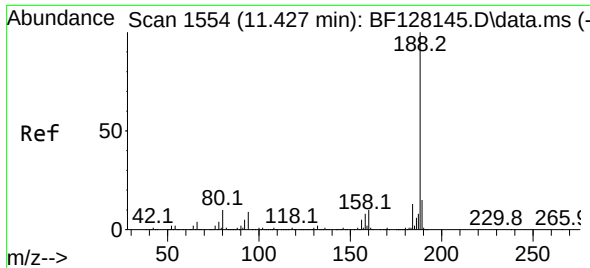
Tgt Ion:165 Resp: 25187
Ion Ratio Lower Upper
165 100
63 1.6 49.5 74.3#
89 1.7 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.921 ng
RT: 9.904 min Scan# 1295
Delta R.T. -0.211 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Tgt Ion:165 Resp: 25187
Ion Ratio Lower Upper
165 100
63 1.6 32.6 49.0#
89 1.7 55.2 82.8#
182 0.0 2.0 3.0#

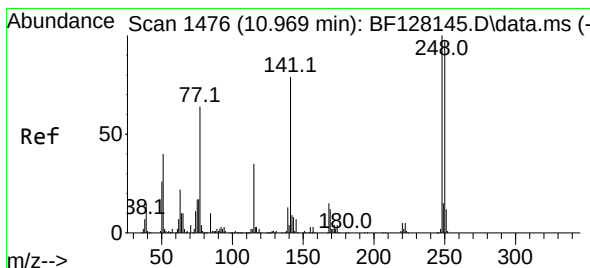
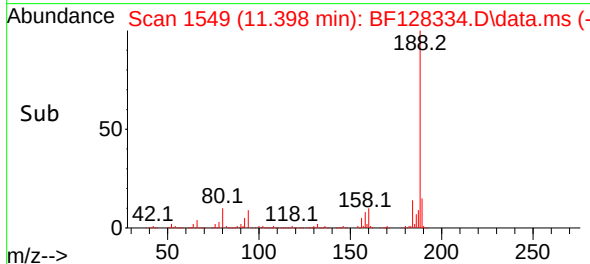
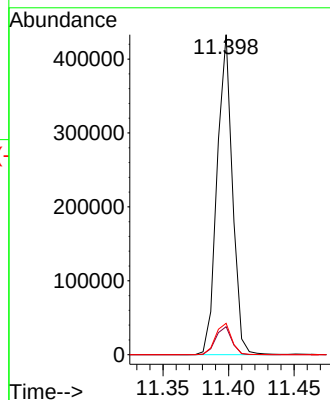
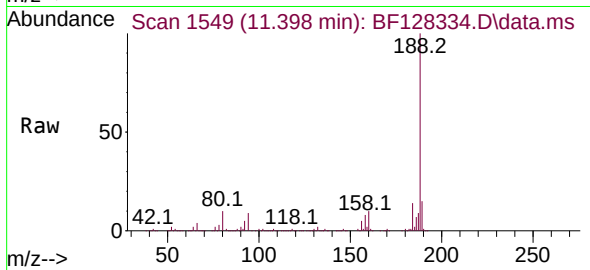




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11398
Delta R.T. -0.006 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

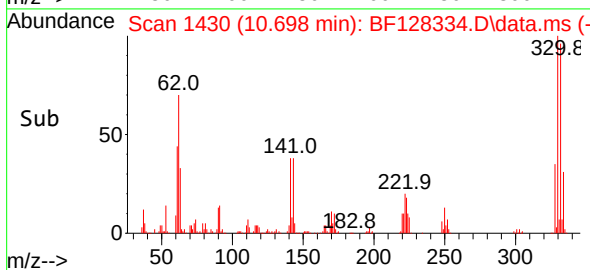
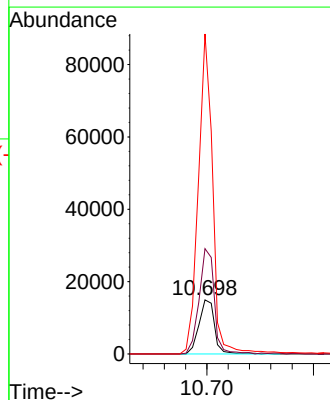
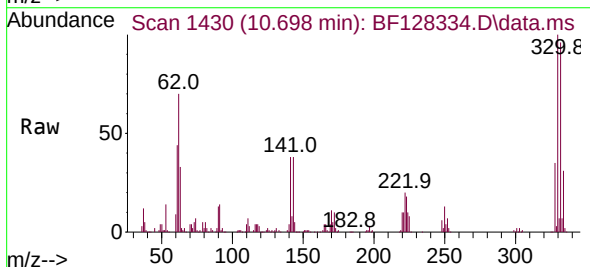
Instrument :
BNA_F
ClientSampleId :
PB144922BL

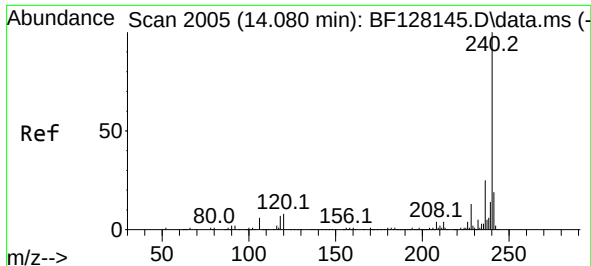
Tgt Ion:188 Resp: 351467
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.045 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.247 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Tgt Ion:248 Resp: 15294
Ion Ratio Lower Upper
248 100
250 194.6 77.7 116.5#
141 590.9 65.6 98.4#

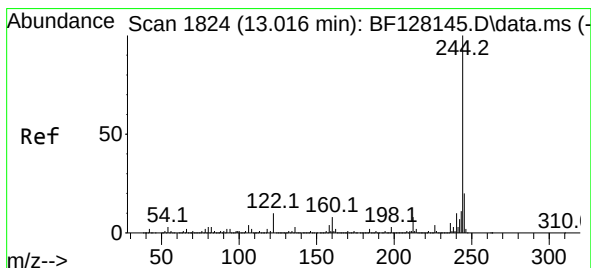
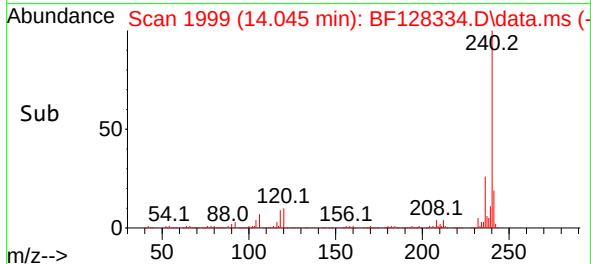
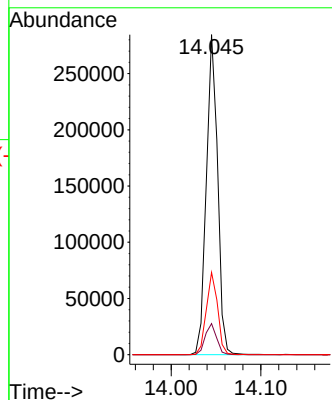
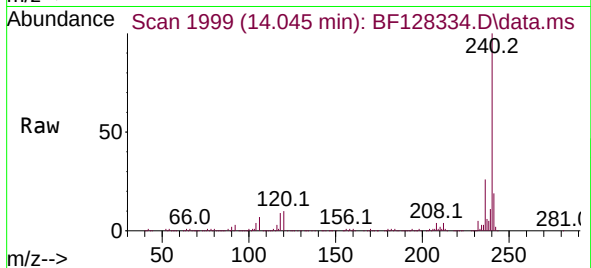




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.012 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

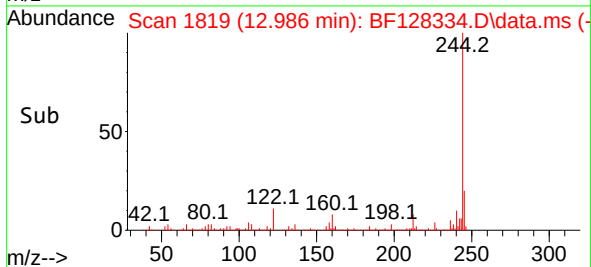
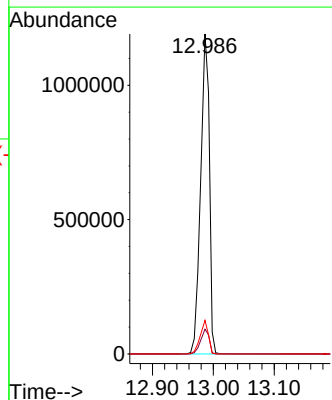
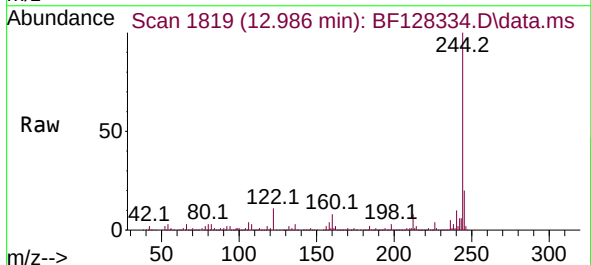
Instrument :
BNA_F
ClientSampleId :
PB144922BL

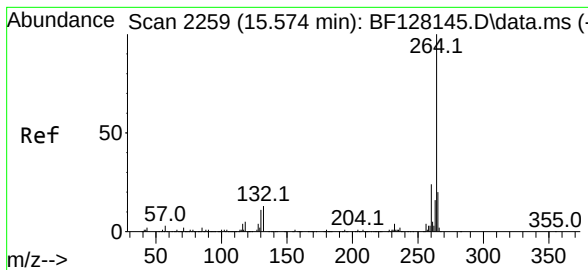
Tgt Ion:240 Resp: 248219
Ion Ratio Lower Upper
240 100
120 9.7 7.0 10.6
236 25.7 20.3 30.5



#79
Terphenyl-d14
Concen: 89.432 ng
RT: 12.986 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BF128334.D
Acq: 19 May 2022 14:00

Tgt Ion:244 Resp: 1183039
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 10.5 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF128334.D
 Acq: 19 May 2022 14:00

Instrument :
 BNA_F
 ClientSampleId :
 PB144922BL

Tgt Ion:264	Resp:	186747
Ion Ratio	Lower	Upper
264	100	
260	24.4	20.1 30.1
265	21.7	17.5 26.3

