

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130038.D
 Acq On : 29 Aug 2022 17:05
 Operator : CG\JU
 Sample : N4355-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: Aug 30 01:28:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 30 01:22:56 2022
 Response via : Initial Calibration

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

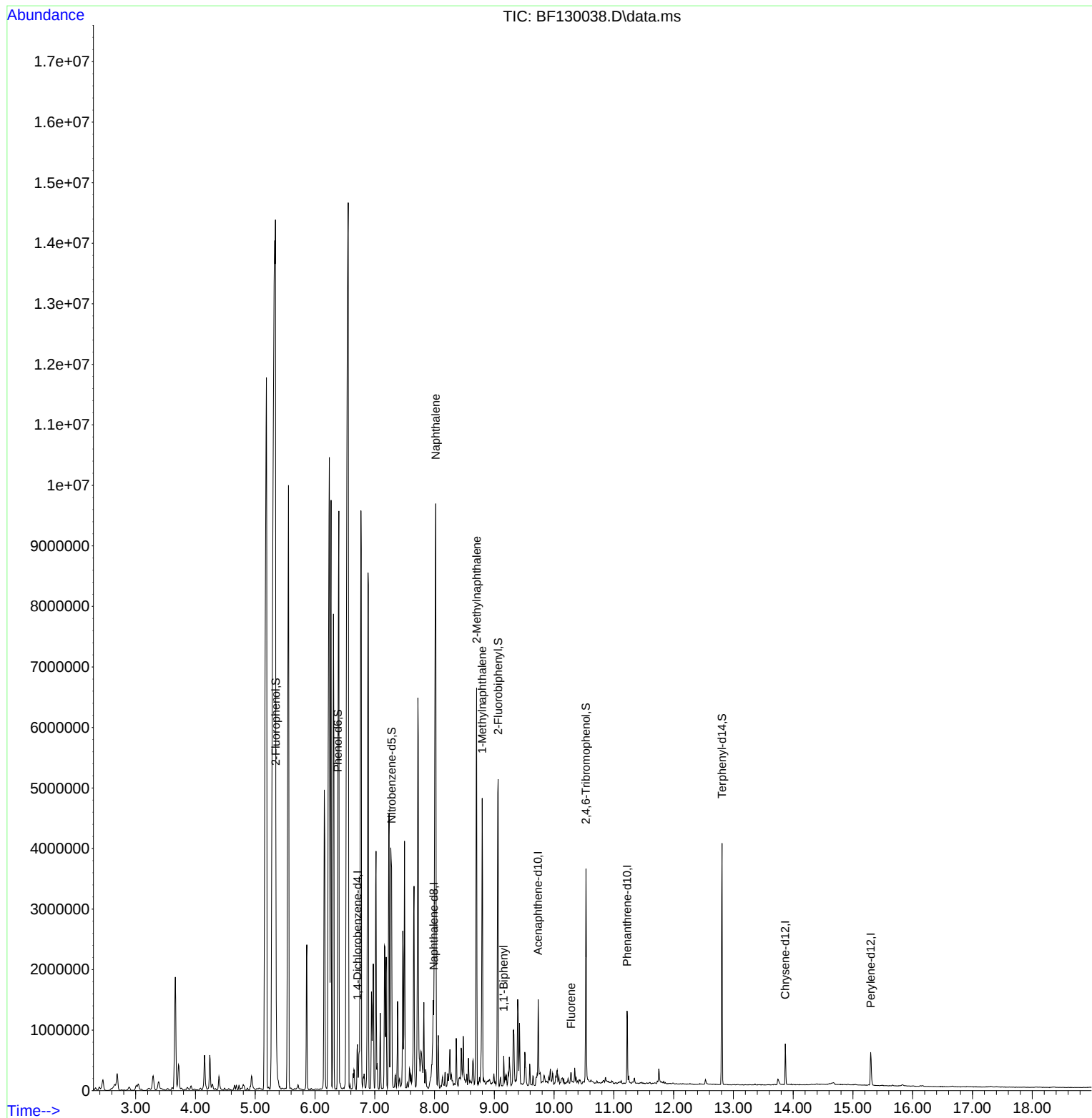
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	116612	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	459733	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	256015	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	415236	20.000	ng	0.00
76) Chrysene-d12	13.868	240	209738	20.000	ng	0.00
86) Perylene-d12	15.298	264	240288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	568809	80.762	ng	0.01
7) Phenol-d6	6.381	99	463984	52.607	ng	0.01
23) Nitrobenzene-d5	7.281	82	891957	103.860	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	427546	166.393	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	1654981	98.181	ng	0.00
79) Terphenyl-d14	12.810	244	1274246	101.091	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.022	128	5668998	235.838	ng	# 94
37) 2-Methylnaphthalene	8.704	142	1901712	120.539	ng	99
38) 1-Methylnaphthalene	8.798	142	1232311	80.372	ng	99
46) 1,1'-Biphenyl	9.157	154	116506	5.990	ng	99
58) Fluorene	10.286	166	45613	2.568	ng	99

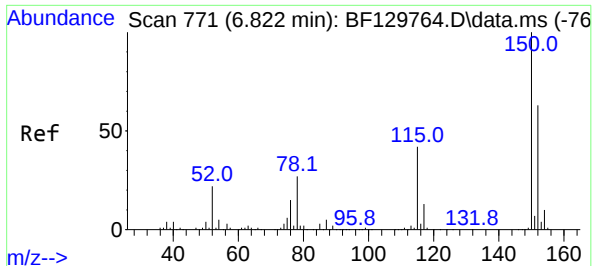
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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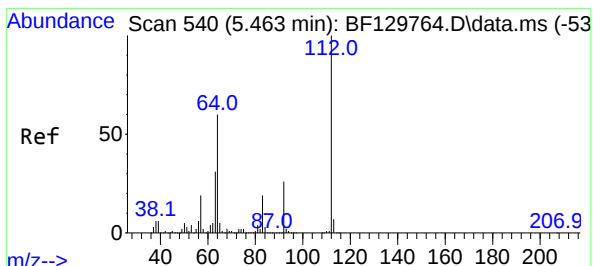
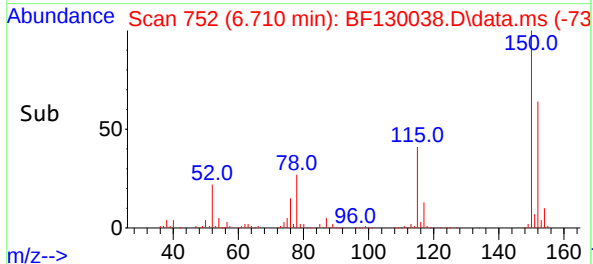
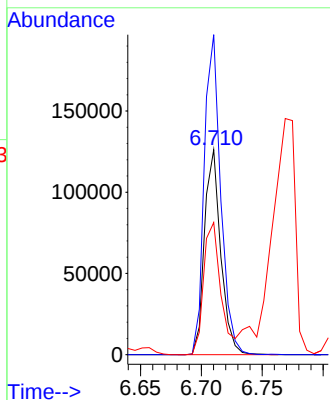
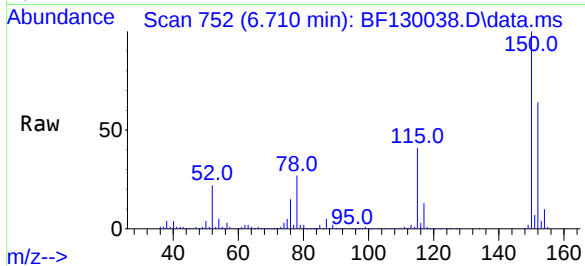




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.710 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

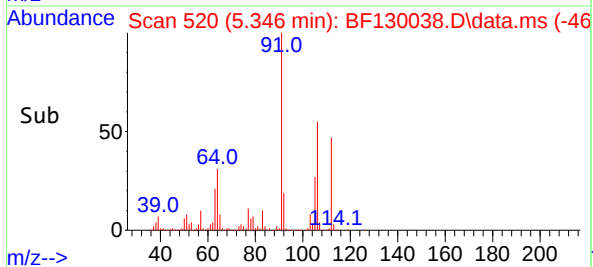
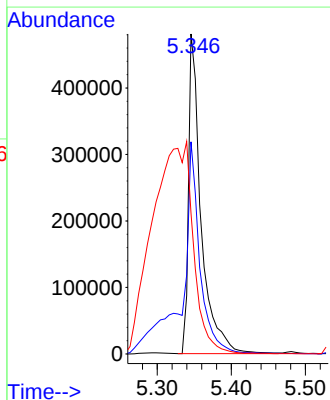
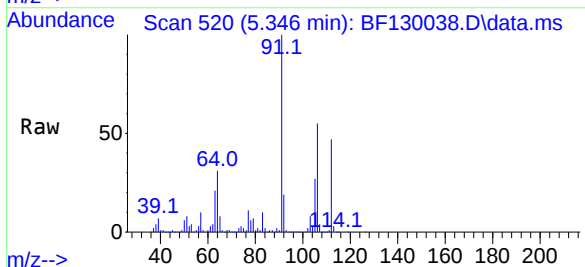
Instrument :
BNA_F
ClientSampleId :
MW-23

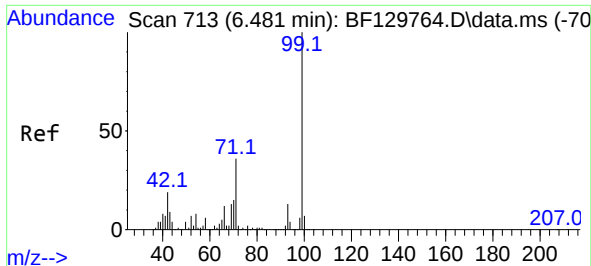
Tgt Ion:152 Resp: 116612
Ion Ratio Lower Upper
152 100
150 156.1 126.9 190.3
115 64.5 53.4 80.0



#5
2-Fluorophenol
Concen: 80.762 ng
RT: 5.346 min Scan# 520
Delta R.T. 0.012 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

Tgt Ion:112 Resp: 568809
Ion Ratio Lower Upper
112 100
64 66.3 47.6 71.4
63 44.0 24.6 37.0#

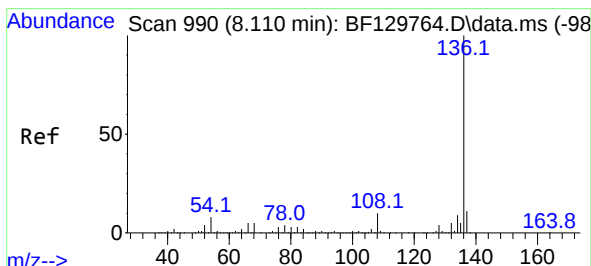
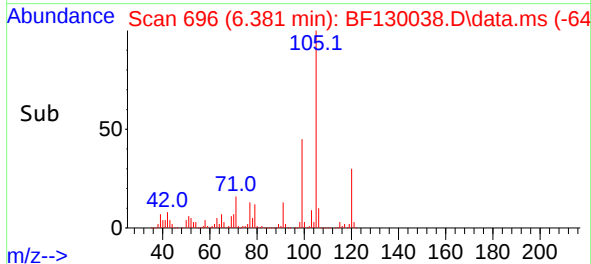
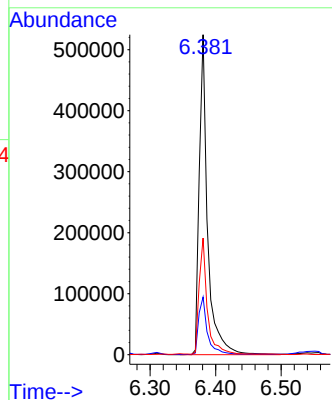
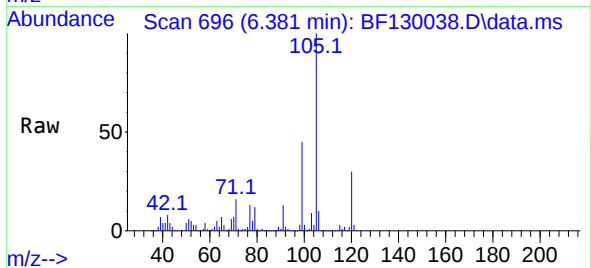




#7
Phenol-d6
Concen: 52.607 ng
RT: 6.381 min Scan# 61
Delta R.T. 0.012 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

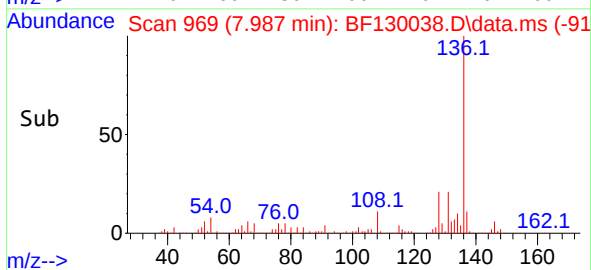
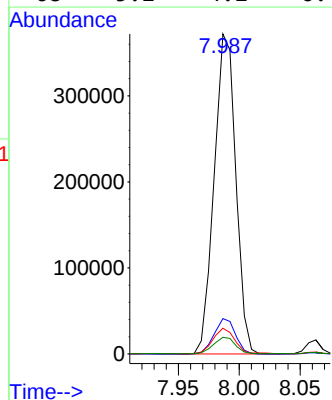
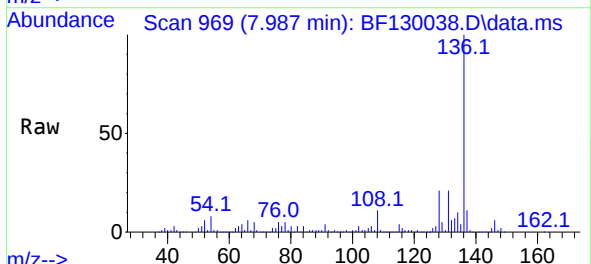
Instrument :
BNA_F
ClientSampleId :
MW-23

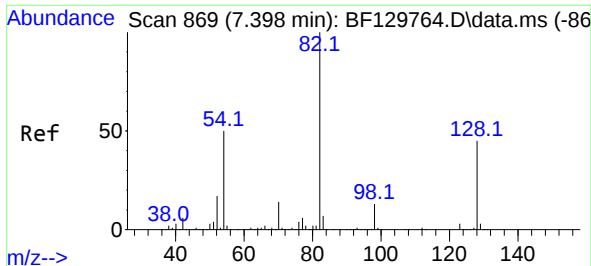
Tgt Ion: 99 Resp: 463984
Ion Ratio Lower Upper
99 100
42 18.0 15.0 22.4
71 36.5 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

Tgt Ion:136 Resp: 459733
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.1 6.2 9.2
68 5.2 4.2 6.4

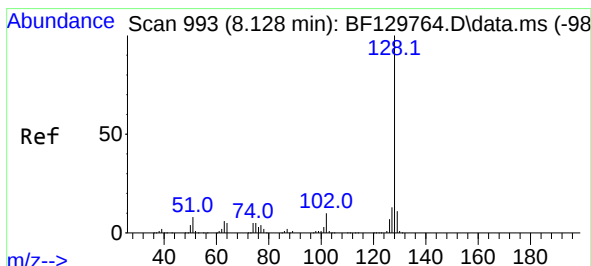
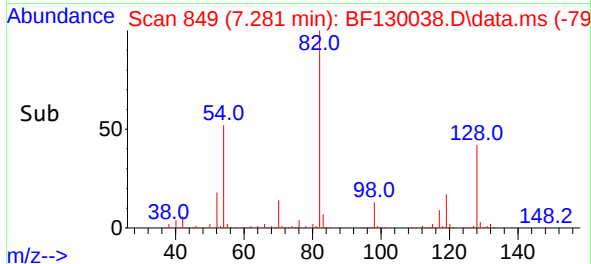
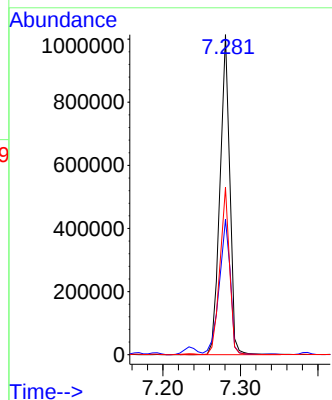
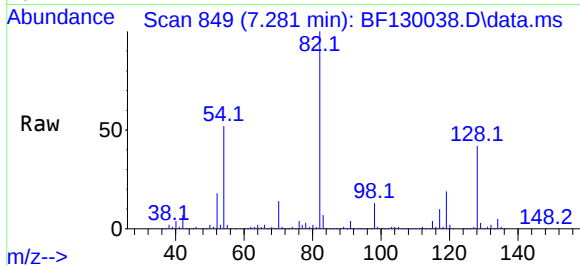




#23
Nitrobenzene-d5
Concen: 103.860 ng
RT: 7.281 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

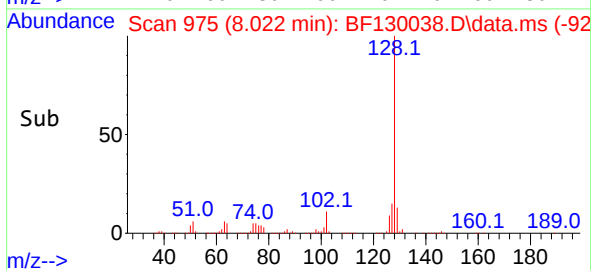
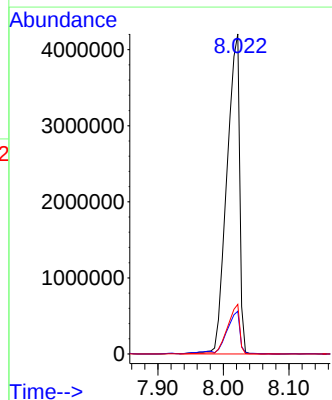
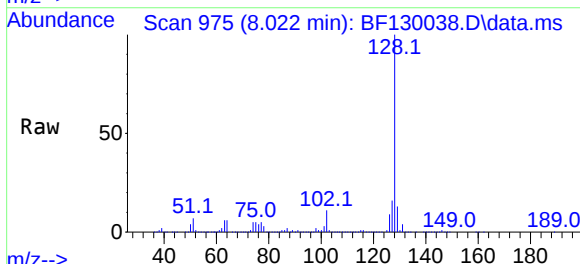
Instrument :
BNA_F
ClientSampleId :
MW-23

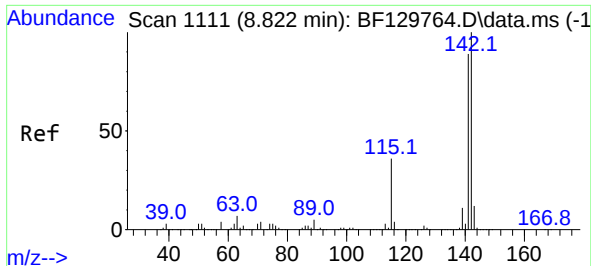
Tgt Ion: 82 Resp: 891957
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 52.2 40.0 60.0



#31
Naphthalene
Concen: 235.838 ng
RT: 8.022 min Scan# 975
Delta R.T. 0.012 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

Tgt Ion:128 Resp: 5668998
Ion Ratio Lower Upper
128 100
129 13.3 8.9 13.3#
127 15.5 10.7 16.1





#37

2-Methylnaphthalene

Concen: 120.539 ng

RT: 8.704 min Scan# 1107

Delta R.T. 0.006 min

Lab File: BF130038.D

Acq: 29 Aug 2022 17:05

Instrument :

BNA_F

ClientSampleId :

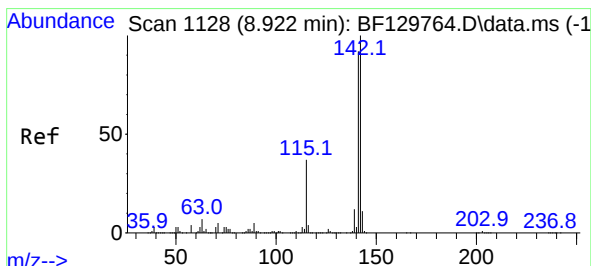
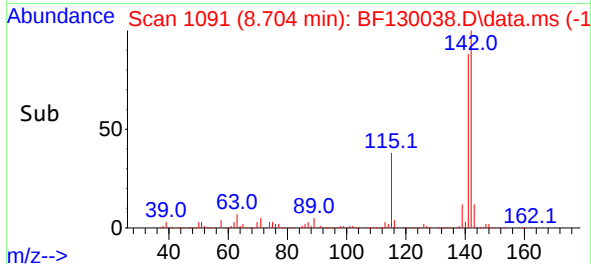
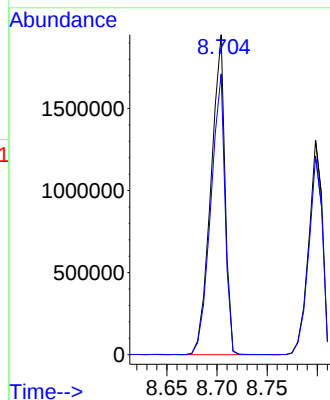
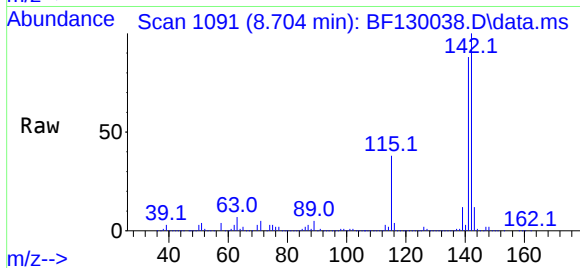
MW-23

Tgt Ion:142 Resp: 1901712

Ion Ratio Lower Upper

142 100

141 87.7 70.9 106.3



#38

1-Methylnaphthalene

Concen: 80.372 ng

RT: 8.798 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF130038.D

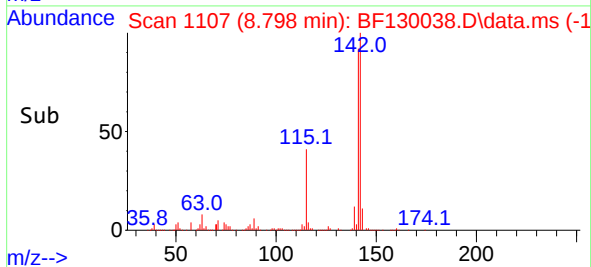
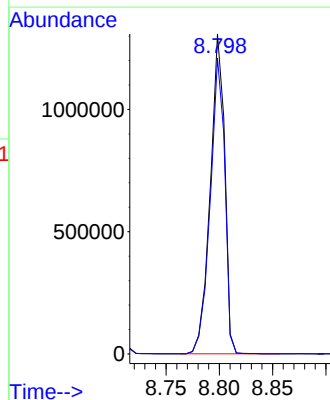
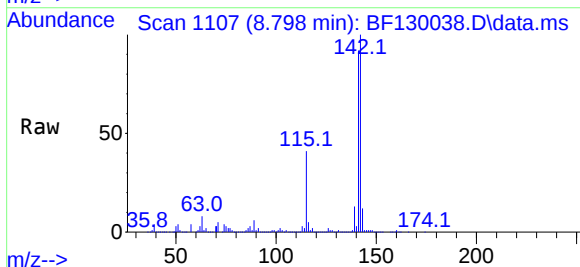
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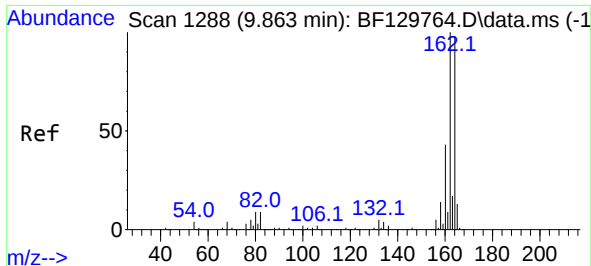
Tgt Ion:142 Resp: 1232311

Ion Ratio Lower Upper

142 100

141 92.5 73.5 110.3

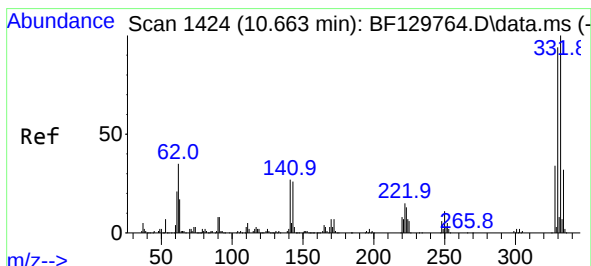
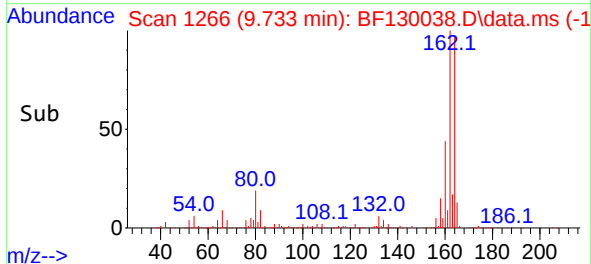
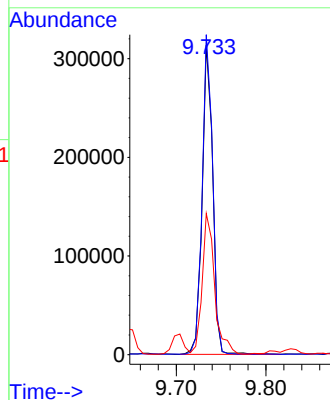
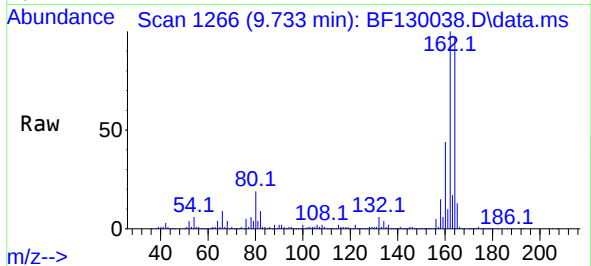




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

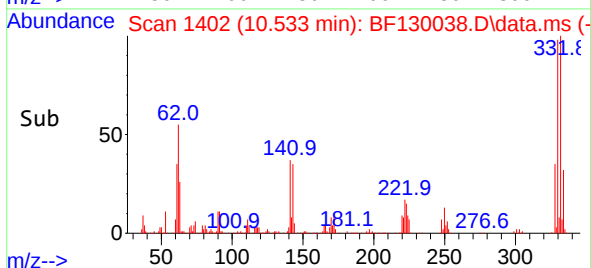
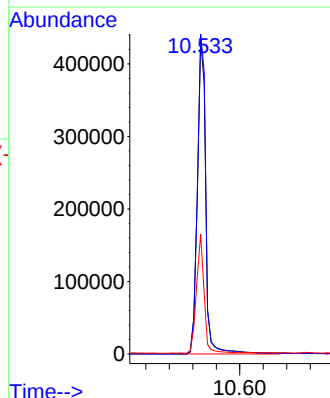
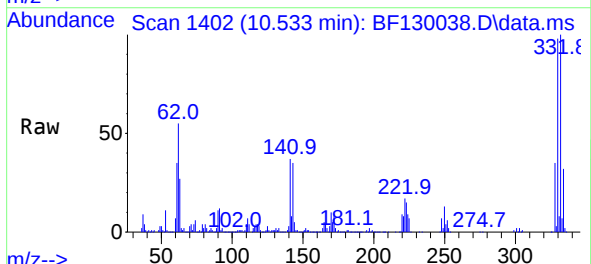
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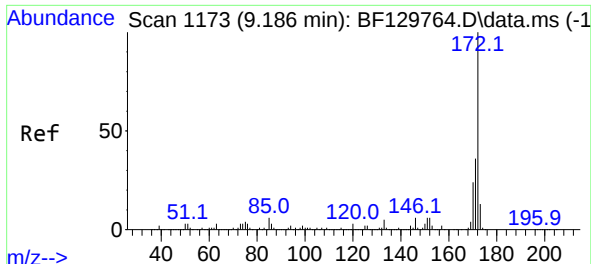
Tgt Ion:164 Resp: 256015
Ion Ratio Lower Upper
164 100
162 103.4 82.0 123.0
160 45.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 166.393 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

Tgt Ion:330 Resp: 427546
Ion Ratio Lower Upper
330 100
332 102.2 82.6 124.0
141 34.6 27.6 41.4

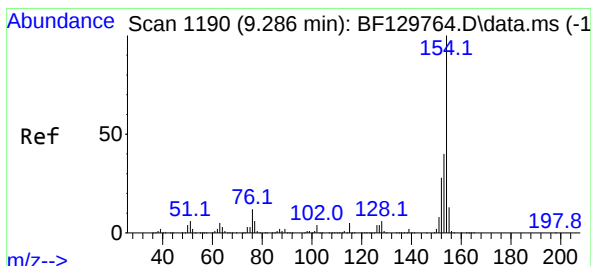
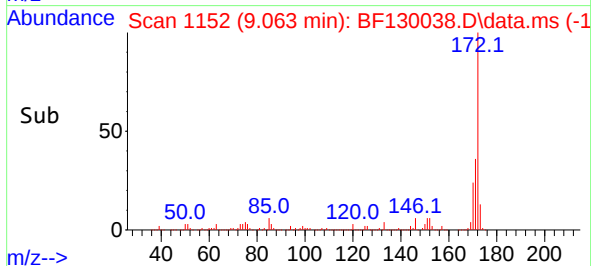
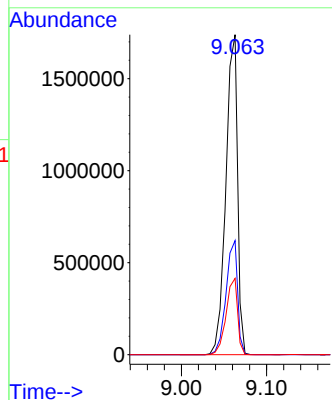
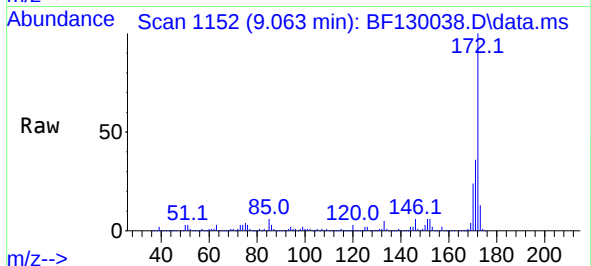




#45
2-Fluorobiphenyl
Concen: 98.181 ng
RT: 9.063 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

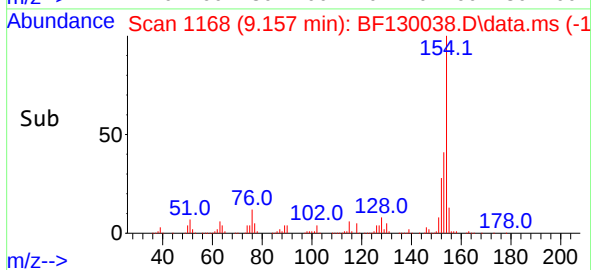
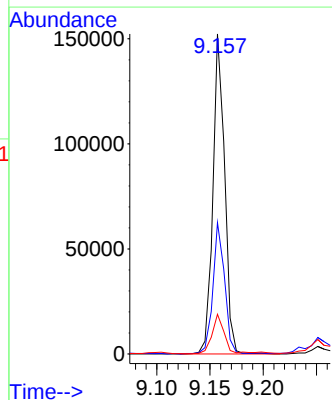
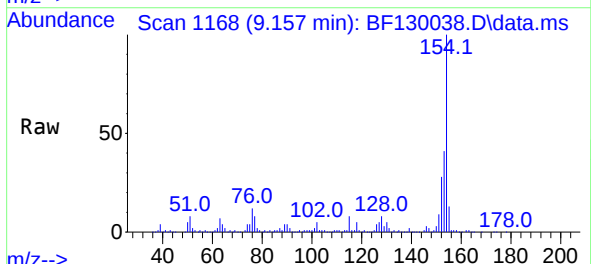
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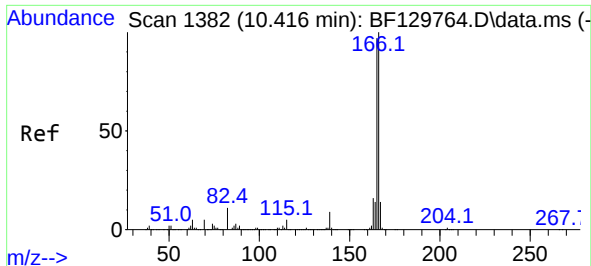
Tgt Ion:172 Resp: 1654981
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.9 19.1 28.7



#46
1,1'-Biphenyl
Concen: 5.990 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

Tgt Ion:154 Resp: 116506
Ion Ratio Lower Upper
154 100
153 41.0 20.2 60.2
76 12.4 0.0 32.1

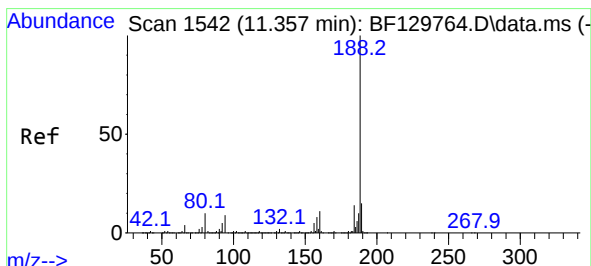
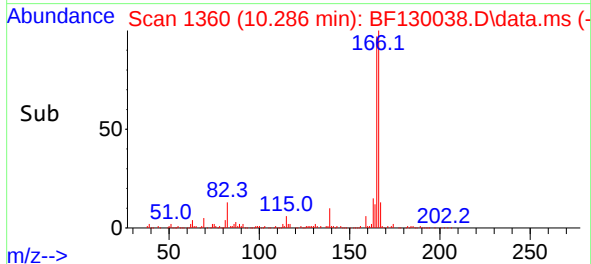
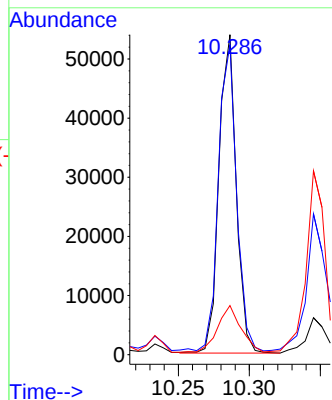
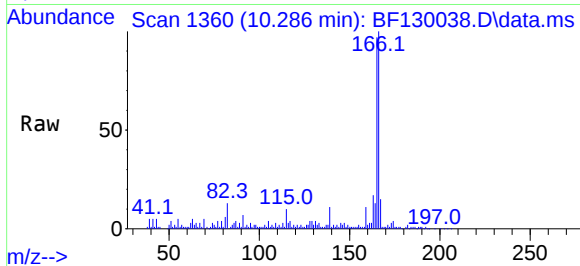




#58
Fluorene
Concen: 2.568 ng
RT: 10.286 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

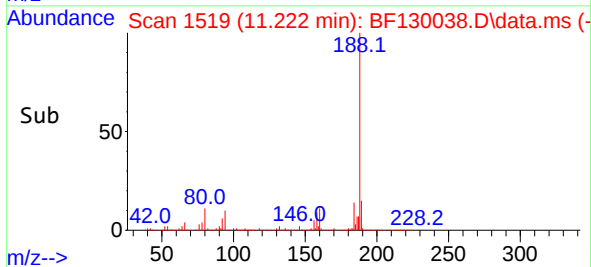
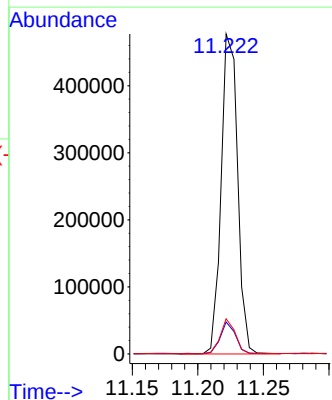
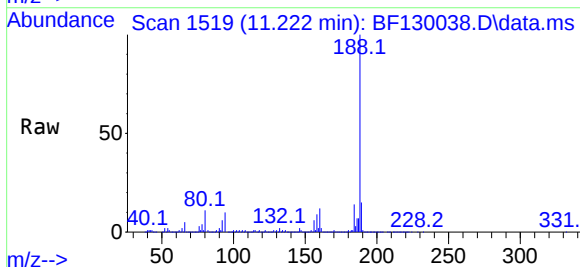
Instrument :
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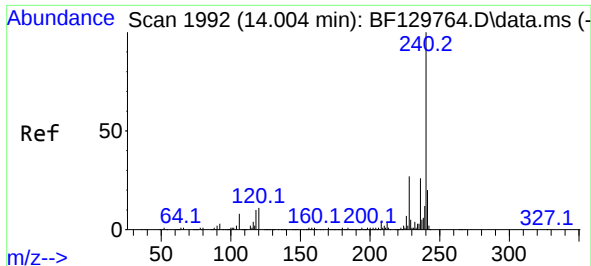
Tgt Ion:166 Resp: 45613
Ion Ratio Lower Upper
166 100
165 96.9 77.9 116.9
167 15.4 11.0 16.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1519
Delta R.T. -0.006 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

Tgt Ion:188 Resp: 415236
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 11.0 7.9 11.9

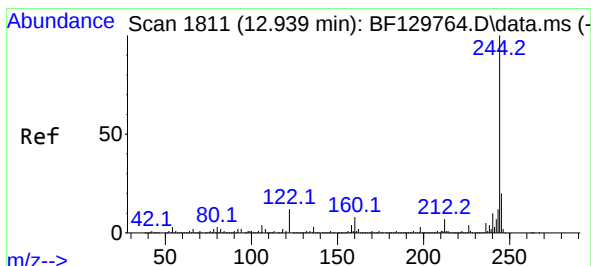
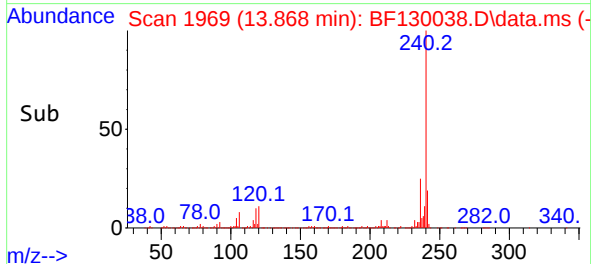
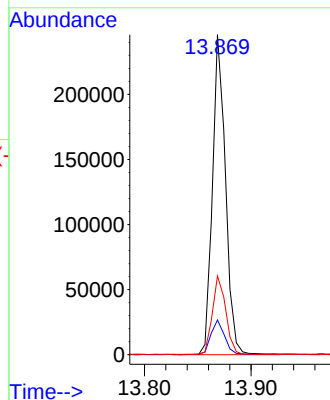
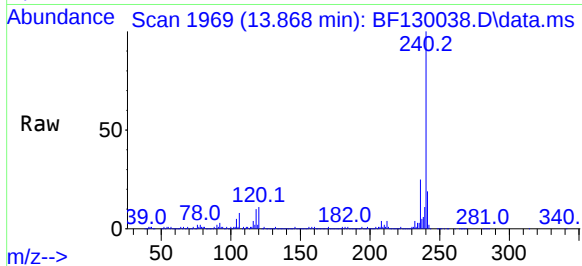




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

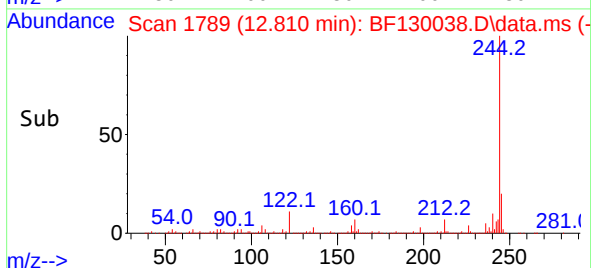
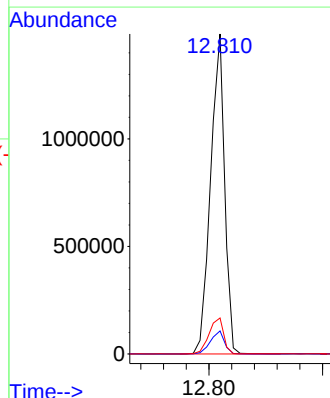
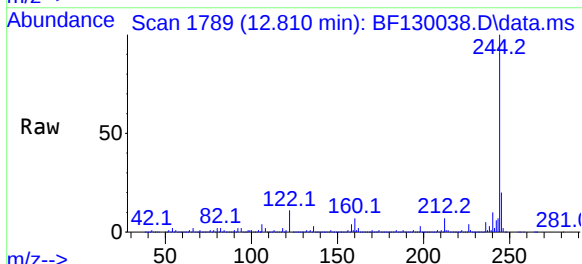
Instrument :
BNA_F
ClientSampleId :
MW-23

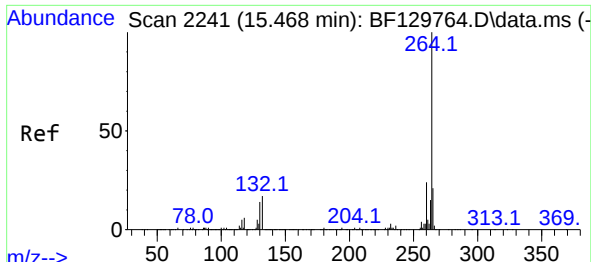
Tgt Ion:240 Resp: 209738
Ion Ratio Lower Upper
240 100
120 10.9 9.2 13.8
236 24.6 20.7 31.1



#79
Terphenyl-d14
Concen: 101.091 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130038.D
Acq: 29 Aug 2022 17:05

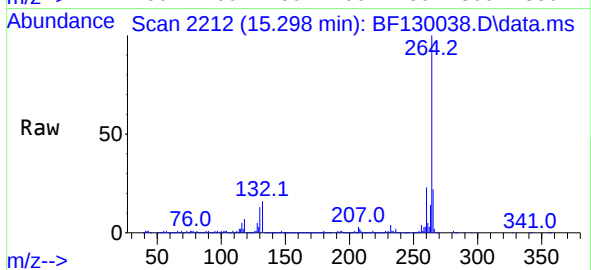
Tgt Ion:244 Resp: 1274246
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.3 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130038.D
 Acq: 29 Aug 2022 17:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-23



Tgt Ion:264 Resp: 240288

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.1	28.7
265	21.8	16.7	25.1

