

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082922\
 Data File : BF130042.D
 Acq On : 29 Aug 2022 19:24
 Operator : CG\JU
 Sample : N4376-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Quant Time: Aug 30 01:30:47 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

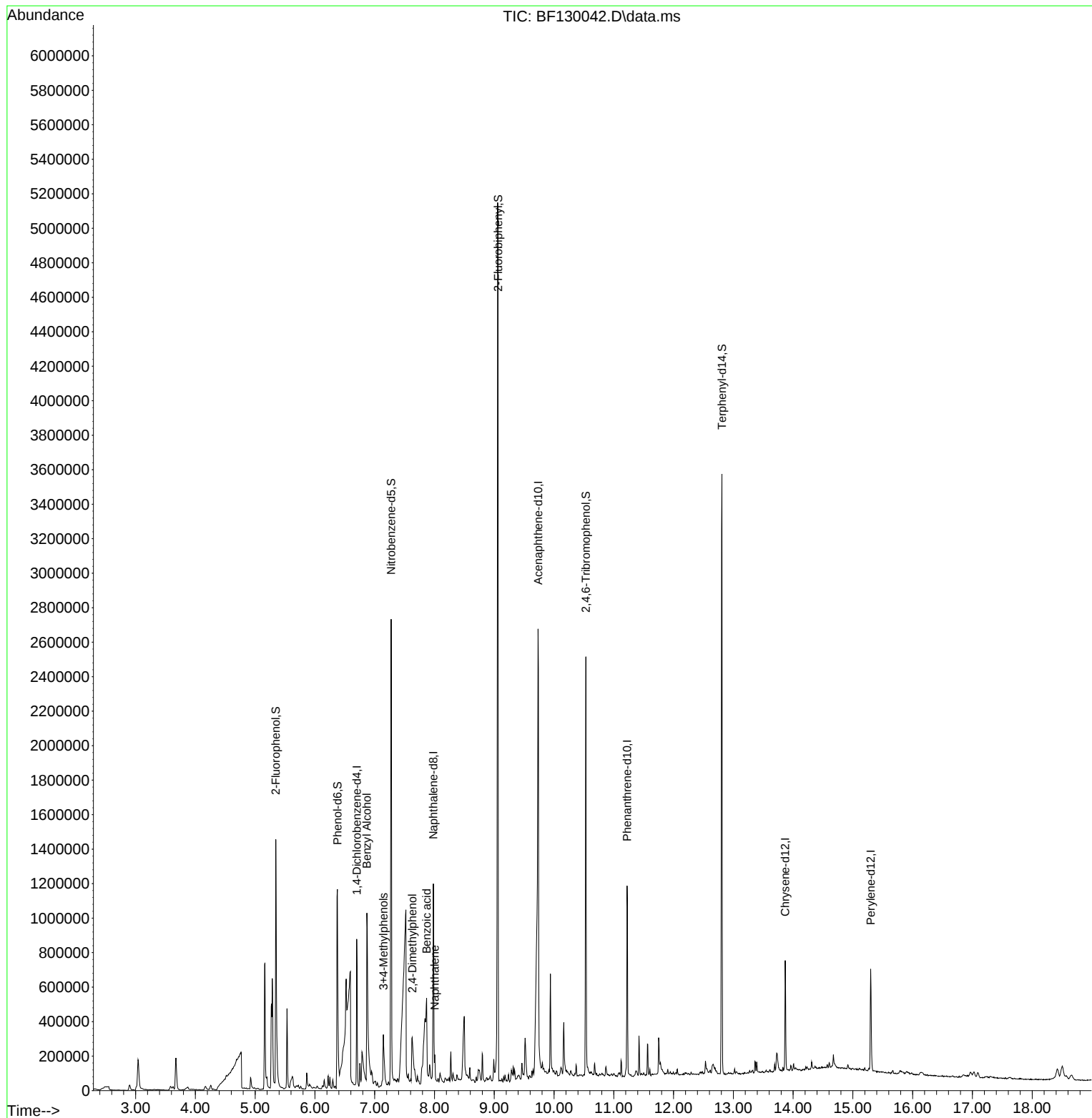
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	120635	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	477565	20.000	ng	0.00
39) Acenaphthene-d10	9.733	164	366969	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	392879	20.000	ng	0.00
76) Chrysene-d12	13.868	240	205765	20.000	ng	0.00
86) Perylene-d12	15.298	264	256122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	423022	58.059	ng	0.01
7) Phenol-d6	6.375	99	456301	50.010	ng	0.00
23) Nitrobenzene-d5	7.275	82	933923	104.687	ng	0.00
42) 2,4,6-Tribromophenol	10.533	330	269335	73.128	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	1688878	69.899	ng	0.00
79) Terphenyl-d14	12.810	244	1179175	95.355	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.869	79	298150	43.285	ng	99
20) 3+4-Methylphenols	7.145	107	75653	8.654	ng	85
27) 2,4-Dimethylphenol	7.628	122	65727	10.358	ng	# 79
31) Naphthalene	8.004	128	65639	2.629	ng	100
32) Benzoic acid	7.869	122	225270	69.037	ng	93

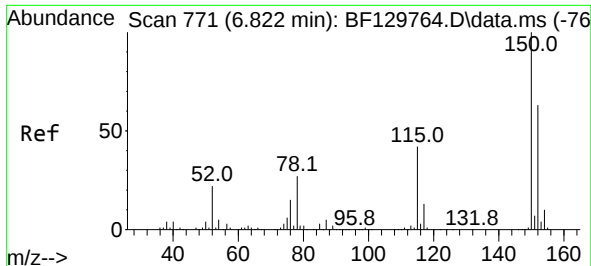
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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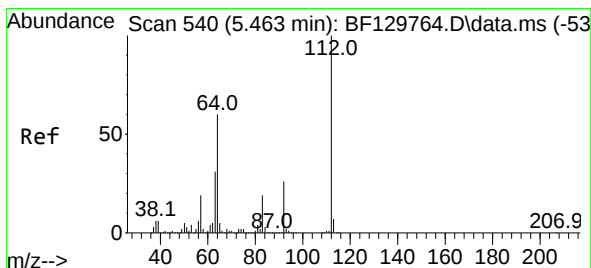
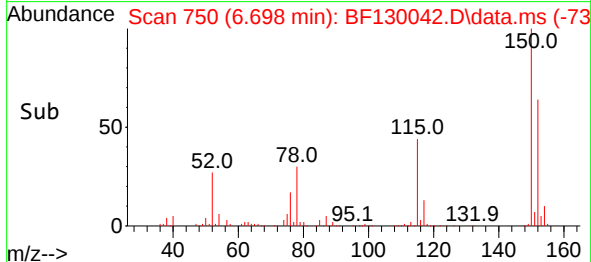
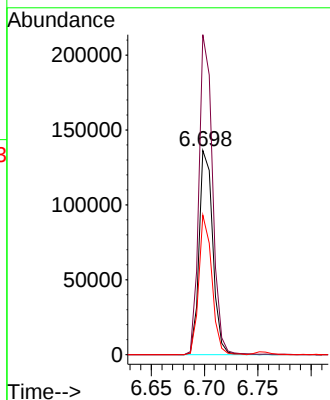
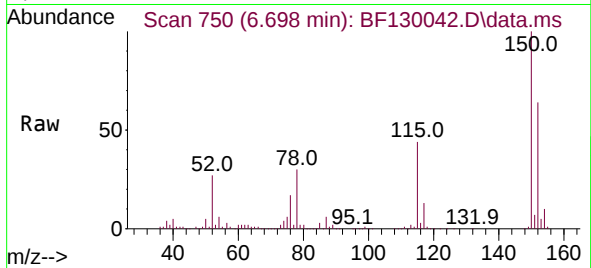




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130042.D
 Acq: 29 Aug 2022 19:24

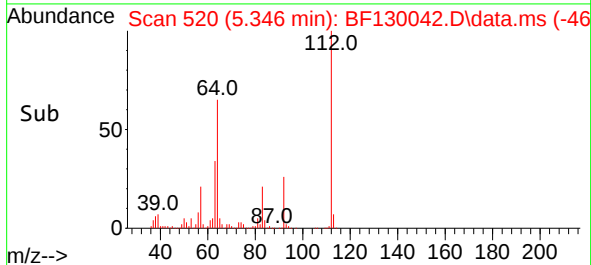
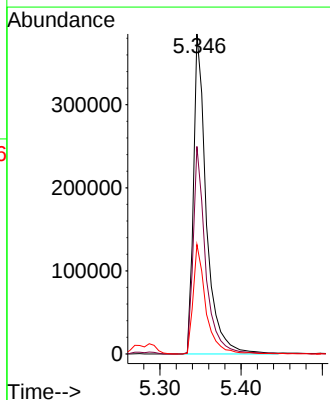
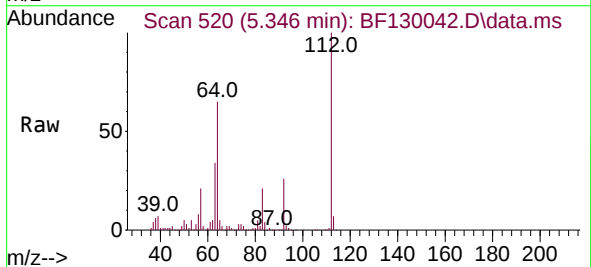
Instrument :
 BNA_F
 ClientSampleId :
 MW-29

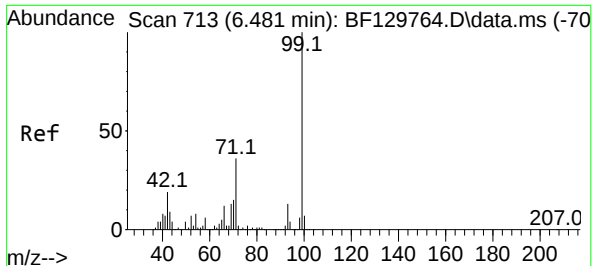
Tgt Ion:152 Resp: 120635
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.9 190.3
 115 68.3 53.4 80.0



#5
 2-Fluorophenol
 Concen: 58.059 ng
 RT: 5.346 min Scan# 520
 Delta R.T. 0.012 min
 Lab File: BF130042.D
 Acq: 29 Aug 2022 19:24

Tgt Ion:112 Resp: 423022
 Ion Ratio Lower Upper
 112 100
 64 64.8 47.6 71.4
 63 34.2 24.6 37.0

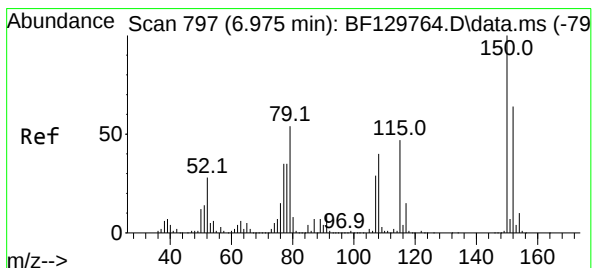
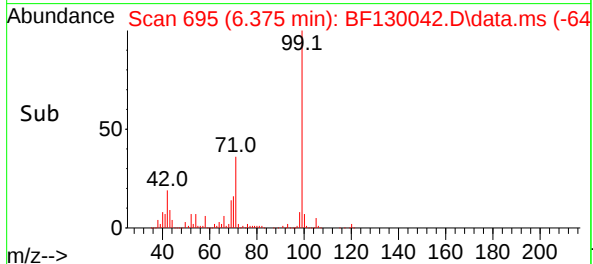
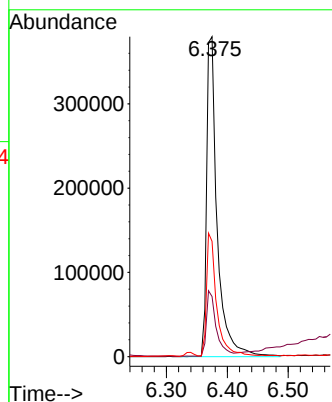
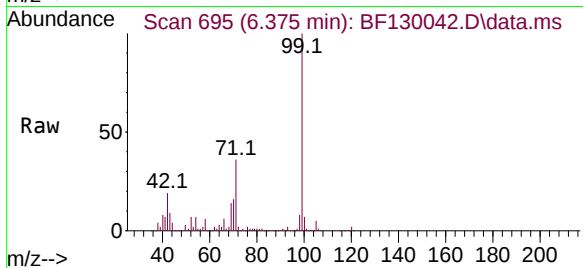




#7
Phenol-d6
Concen: 50.010 ng
RT: 6.375 min Scan# 69
Delta R.T. 0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

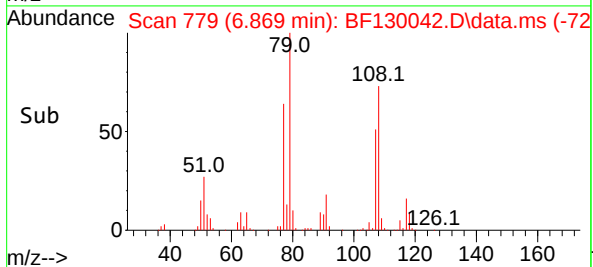
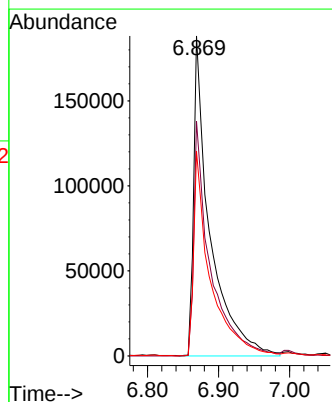
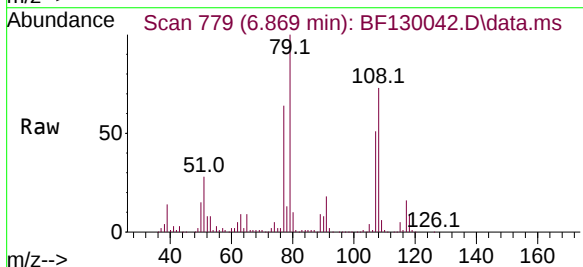
Instrument :
BNA_F
ClientSampleId :
MW-29

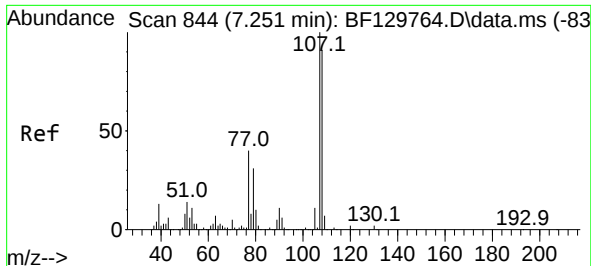
Tgt Ion:	99	Resp:	456301
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.0	22.4
71	36.0	28.8	43.2



#15
Benzyl Alcohol
Concen: 43.285 ng
RT: 6.869 min Scan# 779
Delta R.T. 0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion:	79	Resp:	298150
Ion	Ratio	Lower	Upper
79	100		
108	73.3	59.2	88.8
77	63.9	51.9	77.9





#20

3+4-Methylphenols

Concen: 8.654 ng

RT: 7.145 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

MW-29

Tgt Ion:107 Resp: 75653

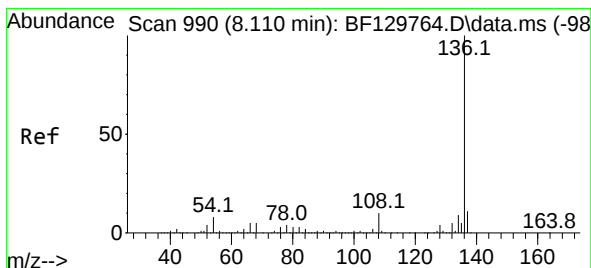
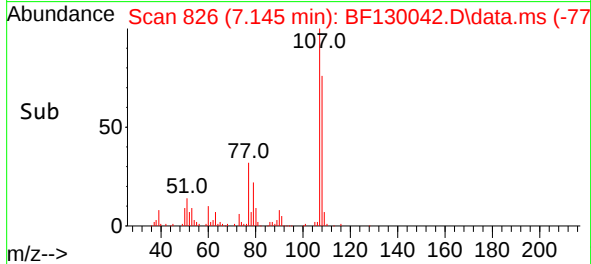
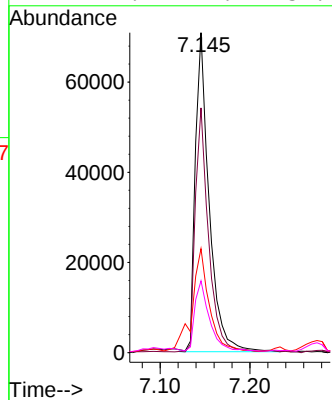
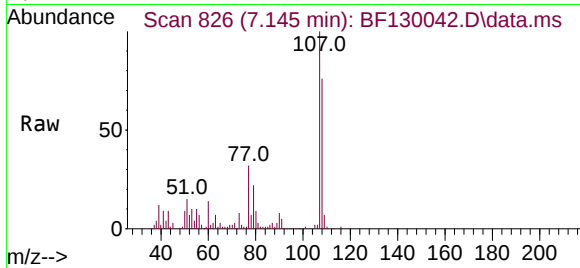
Ion Ratio Lower Upper

107 100

108 76.5 71.3 111.3

77 32.5 20.4 60.4

79 22.4 11.1 51.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.981 min Scan# 968

Delta R.T. -0.006 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

Tgt Ion:136 Resp: 477565

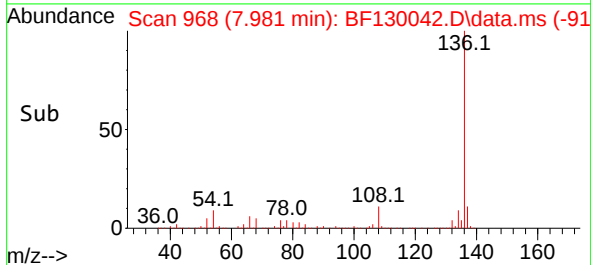
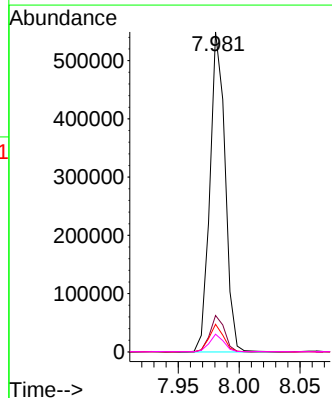
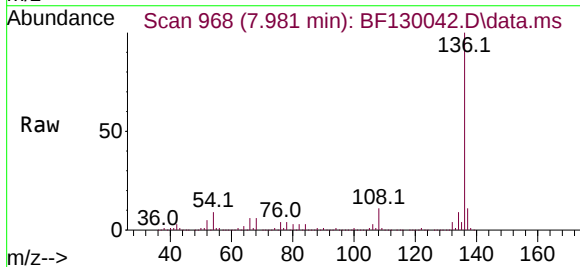
Ion Ratio Lower Upper

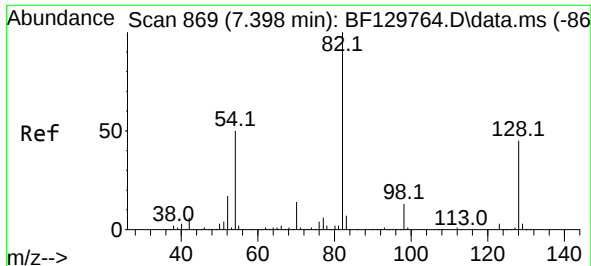
136 100

137 11.4 8.4 12.6

54 8.6 6.2 9.2

68 5.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 104.687 ng

RT: 7.275 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

MW-29

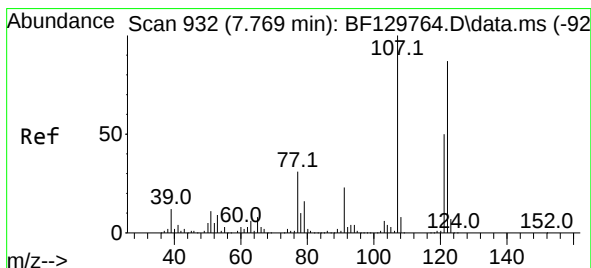
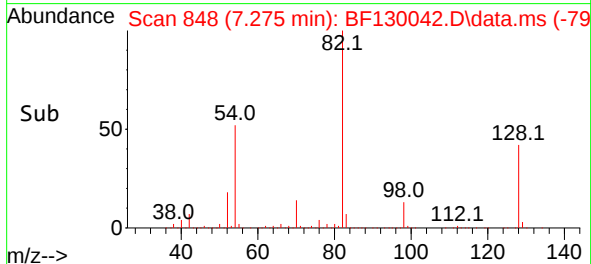
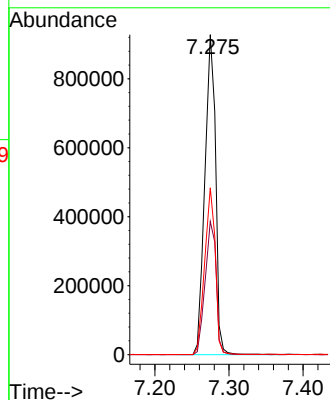
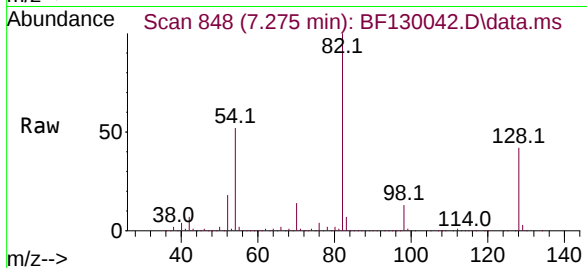
Tgt Ion: 82 Resp: 933923

Ion Ratio Lower Upper

82 100

128 41.6 36.1 54.1

54 52.2 40.0 60.0



#27

2,4-Dimethylphenol

Concen: 10.358 ng

RT: 7.628 min Scan# 908

Delta R.T. -0.029 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

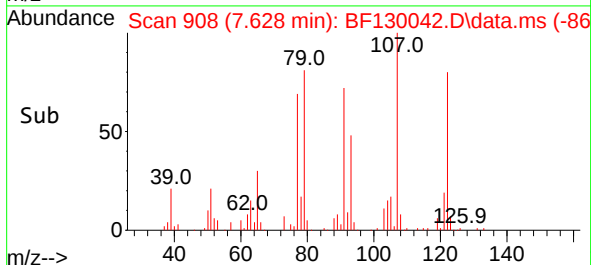
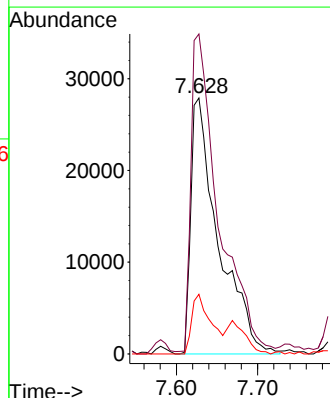
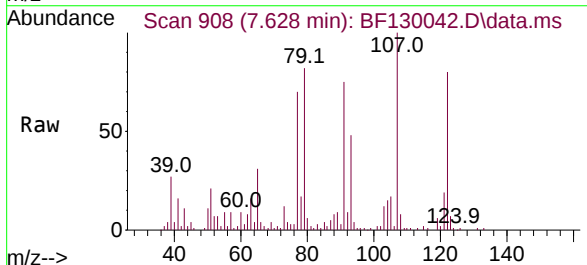
Tgt Ion:122 Resp: 65727

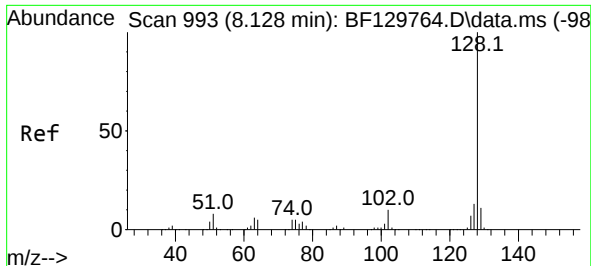
Ion Ratio Lower Upper

122 100

107 125.0 92.2 138.4

121 23.3 46.1 69.1#

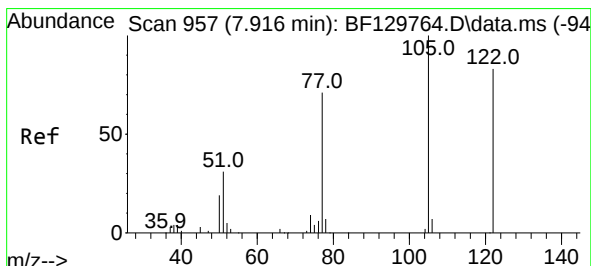
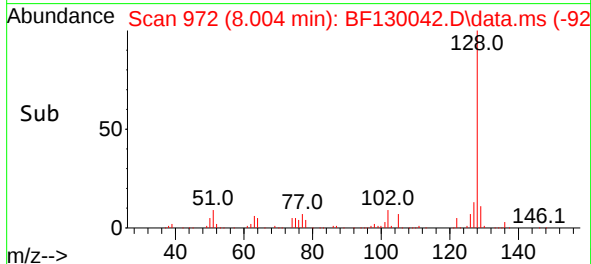
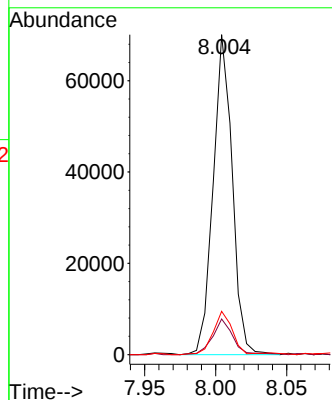
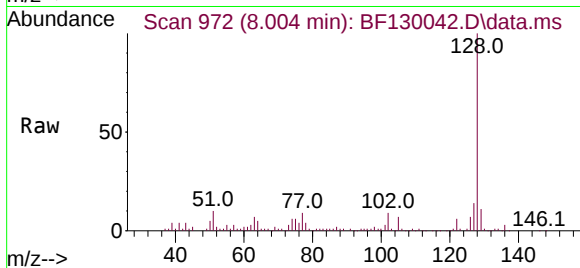




#31
Naphthalene
Concen: 2.629 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

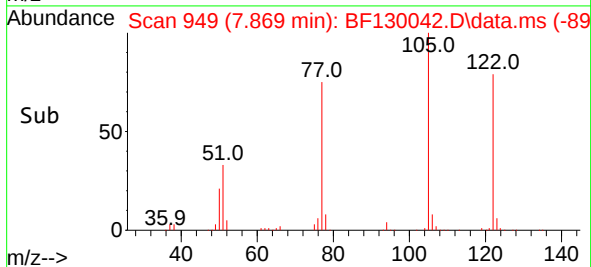
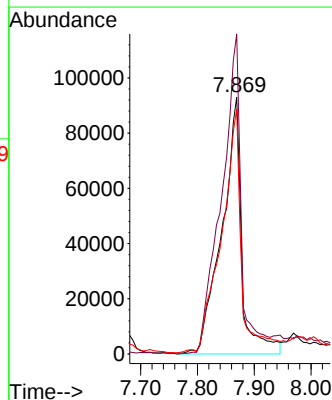
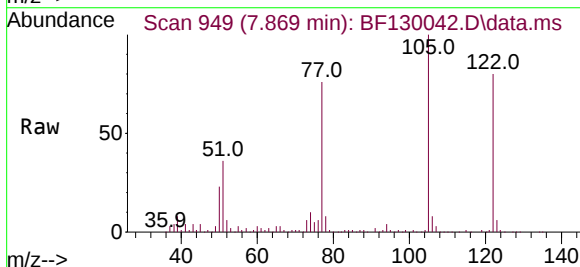
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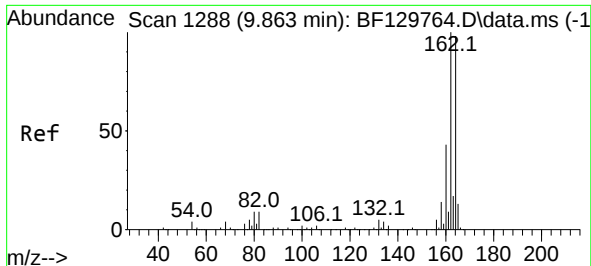
Tgt Ion:128 Resp: 65639
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 69.037 ng
RT: 7.869 min Scan# 949
Delta R.T. 0.047 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion:122 Resp: 225270
Ion Ratio Lower Upper
122 100
105 124.7 99.9 139.9
77 95.3 65.9 105.9

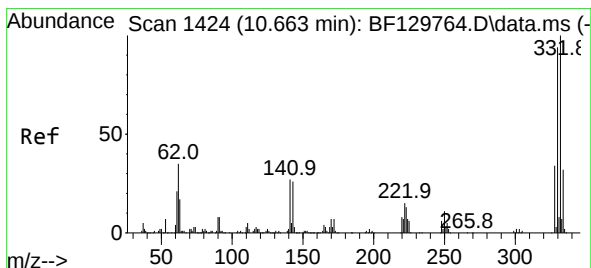
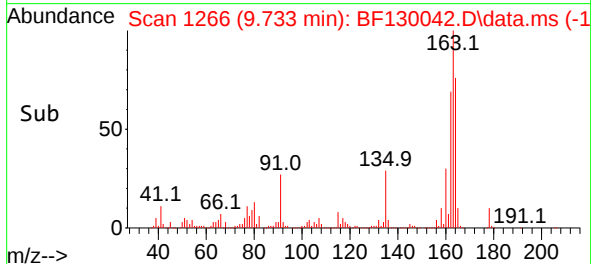
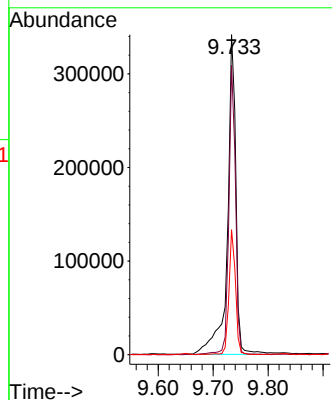
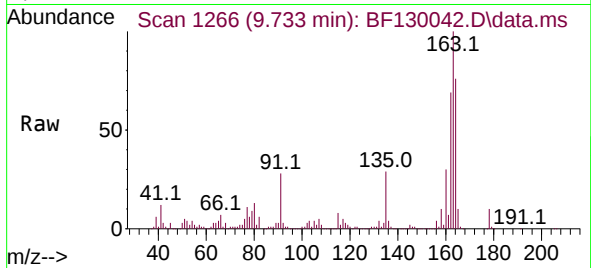




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

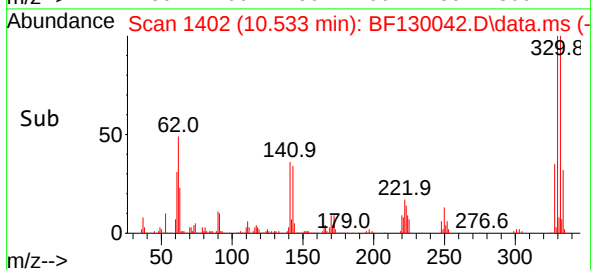
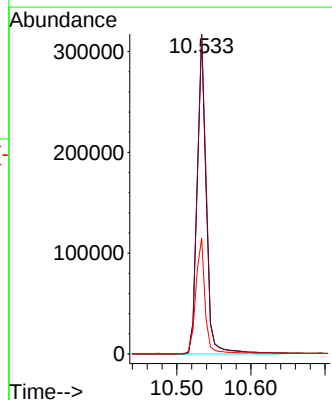
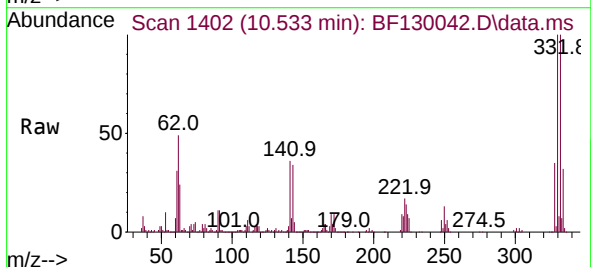
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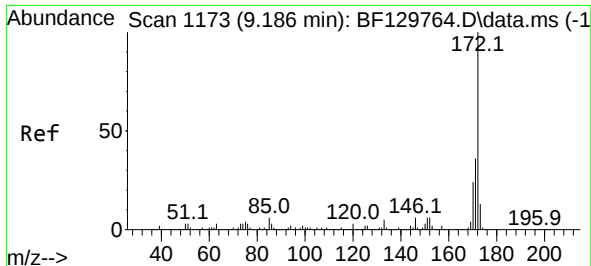
Tgt Ion:164 Resp: 366969
Ion Ratio Lower Upper
164 100
162 90.3 82.0 123.0
160 39.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 73.128 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF130042.D
Acq: 29 Aug 2022 19:24

Tgt Ion:330 Resp: 269335
Ion Ratio Lower Upper
330 100
332 102.4 82.6 124.0
141 36.9 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 69.899 ng

RT: 9.063 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

Instrument :

BNA_F

ClientSampleId :

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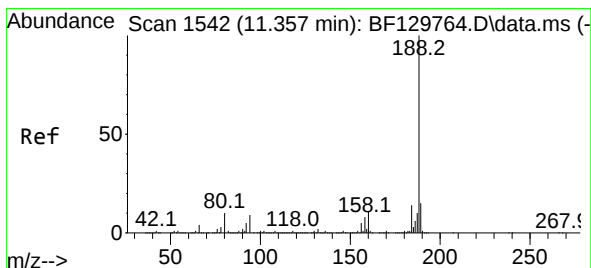
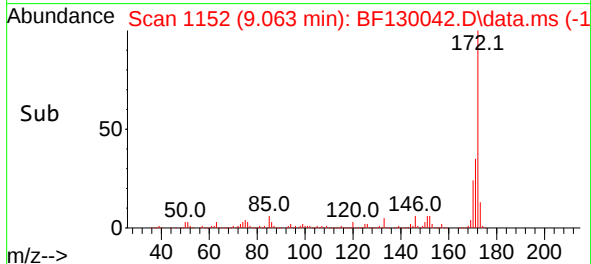
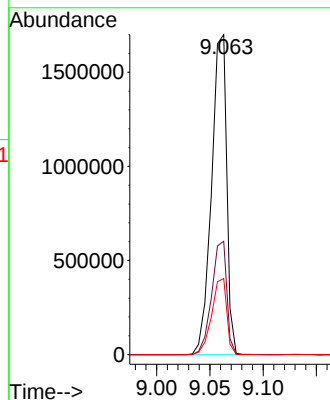
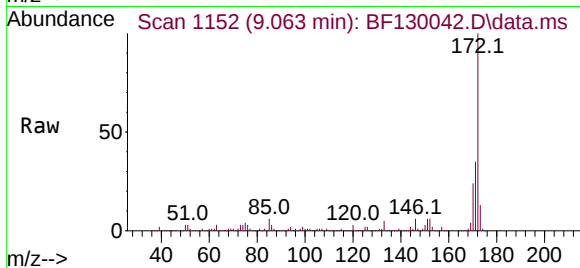
Tgt Ion:172 Resp: 1688878

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.8 19.1 28.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.222 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

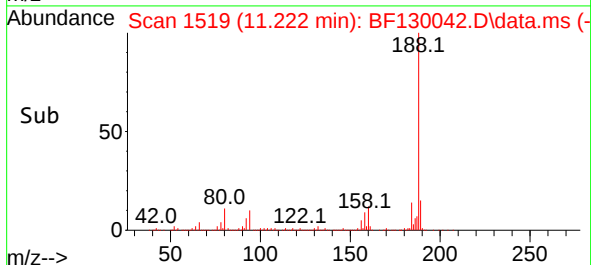
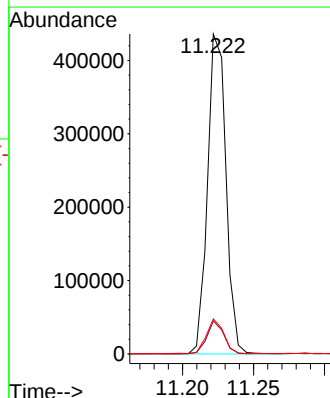
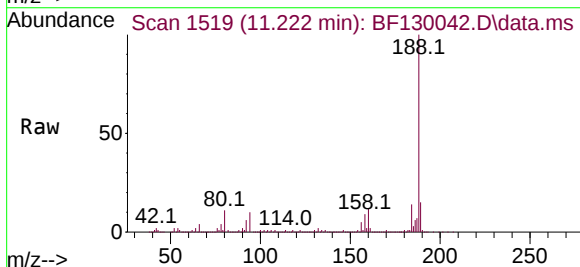
Tgt Ion:188 Resp: 392879

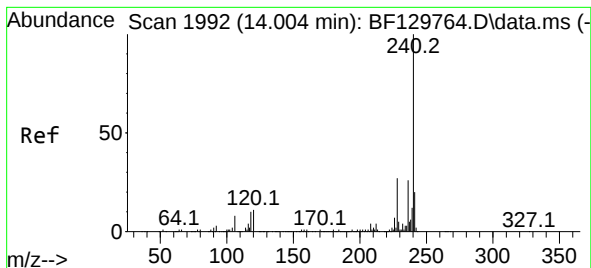
Ion Ratio Lower Upper

188 100

94 10.3 7.4 11.2

80 10.9 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: BF130042.D

Acq: 29 Aug 2022 19:24

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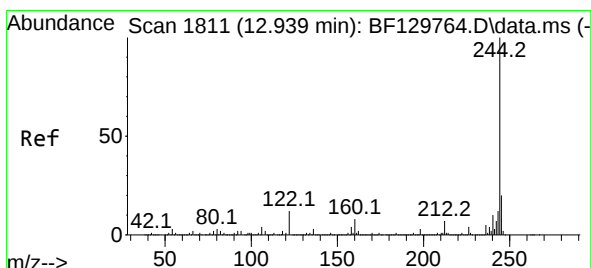
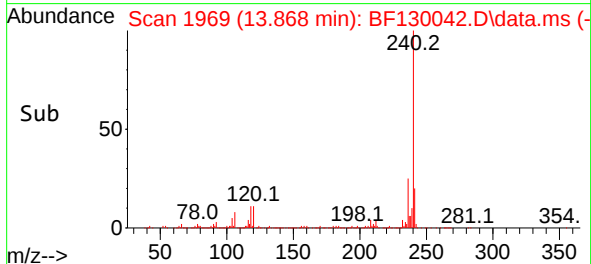
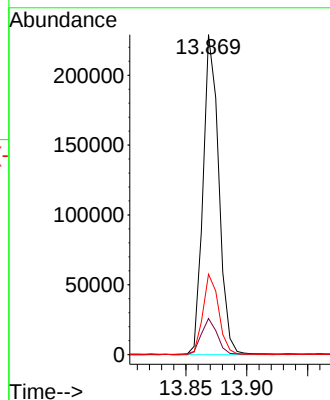
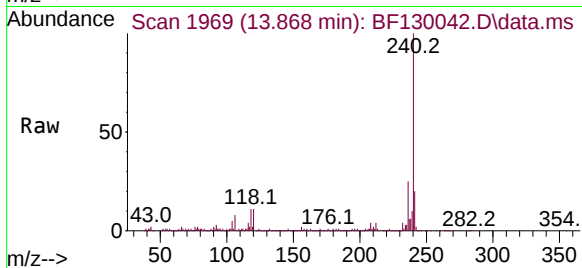
Tgt Ion:240 Resp: 205765

Ion Ratio Lower Upper

240 100

120 11.3 9.2 13.8

236 25.1 20.7 31.1



#79

Terphenyl-d14

Concen: 95.355 ng

RT: 12.810 min Scan# 1789

Delta R.T. 0.000 min

Lab File: BF130042.D

Acq: 29 Aug 2022 19:24

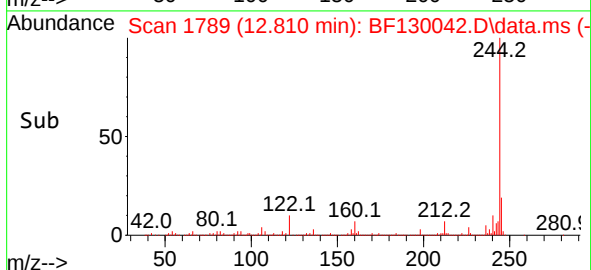
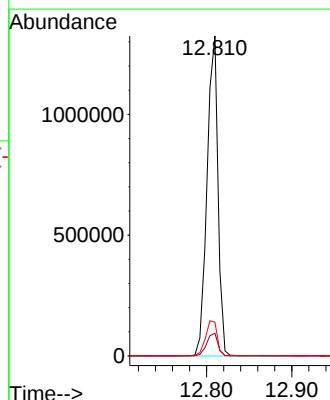
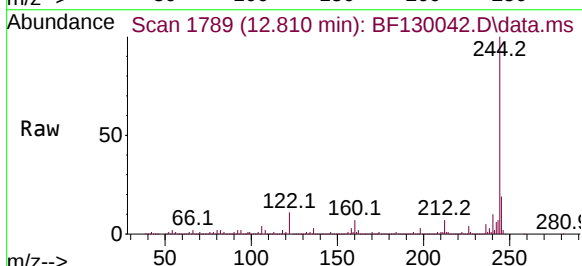
Tgt Ion:244 Resp: 1179175

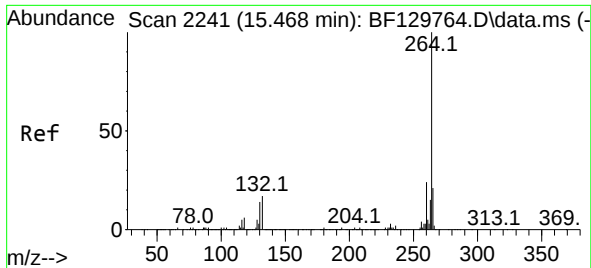
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.5 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: BF130042.D
 Acq: 29 Aug 2022 19:24

Instrument :
 BNA_F
 ClientSampleId :
 MW-29

Tgt Ion:264 Resp: 256122
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.6 16.7 25.1

