

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128612.D
 Acq On : 01 Jun 2022 00:06
 Operator : CG\JU
 Sample : N3087-08DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/01/2022
 Supervised By : Jagrut Upadhyay 06/01/2022

Quant Time: Jun 01 00:59:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	108546	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	372826	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	187836	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	309776	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	233585	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	179032	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	59574	9.091	ng	0.07
7) Phenol-d6	6.557	99	40730	4.875	ng	0.09
23) Nitrobenzene-d5	7.404	82	120512	18.647	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	39974	22.358	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	232655	20.123	ng	0.00
79) Terphenyl-d14	12.957	244	206248	17.059	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.169	128	5809717	318.385	ng	95
37) 2-Methylnaphthalene	8.845	142	800230	69.477	ng	99
38) 1-Methylnaphthalene	8.945	142	908659	81.114	ng	99
46) 1,1'-Biphenyl	9.304	154	91482	6.936	ng	99
52) Acenaphthene	9.916	154	189014m	19.261	ng	
58) Fluorene	10.433	166	66305	6.326	ng	94
71) Phenanthrene	11.398	178	139724	9.522	ng	97

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

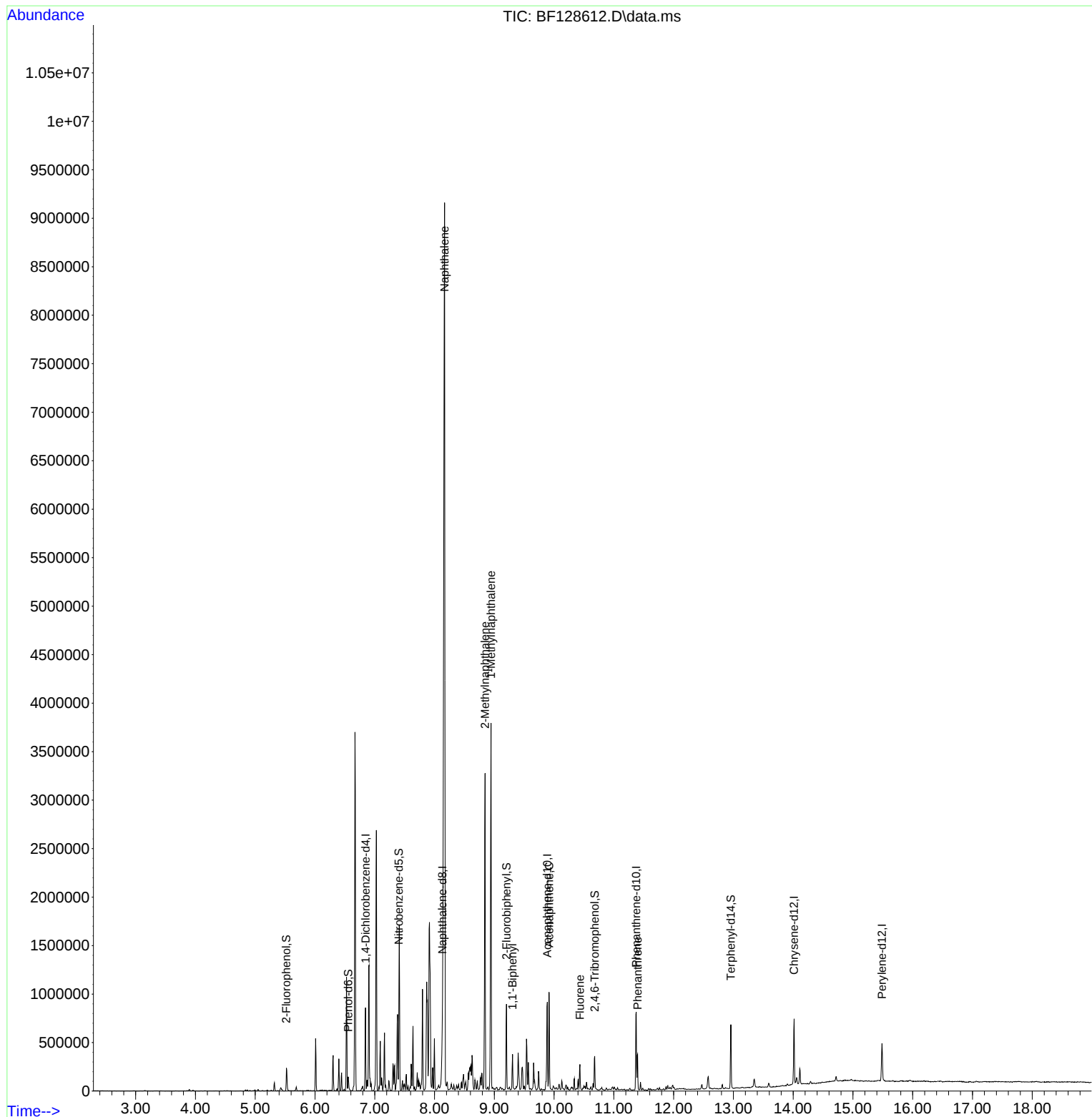
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
Data File : BF128612.D
Acq On : 01 Jun 2022 00:06
Operator : CG\JU
Sample : N3087-08DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

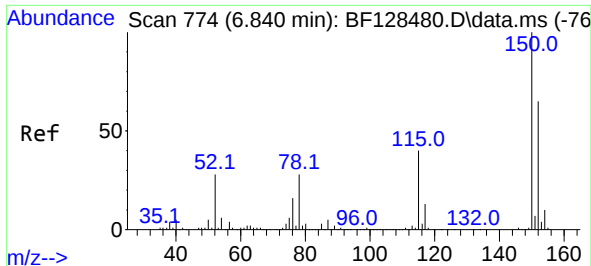
Instrument :
BNA_F
ClientSampleId :
MW-14DL

Quant Time: Jun 01 00:59:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
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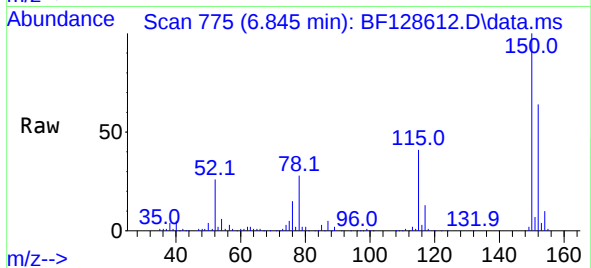
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Supervised By :Jagrut Upadhyay 06/01/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. 0.005 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

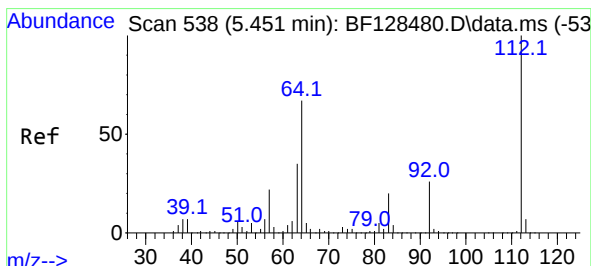
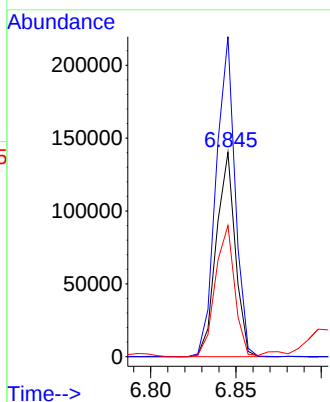
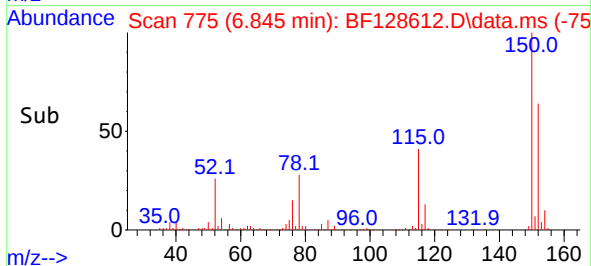
Instrument :
BNA_F
ClientSampleId :
MW-14DL



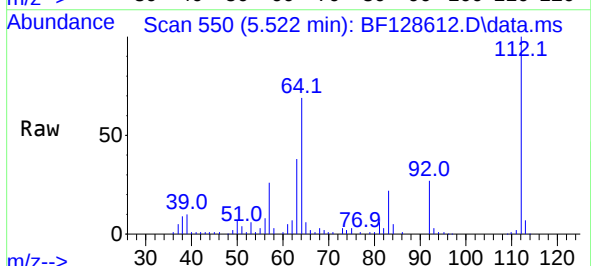
Tgt Ion:152 Resp: 108540
Ion Ratio Lower Upper
152 100
150 156.6 123.7 185.5
115 64.2 49.9 74.9

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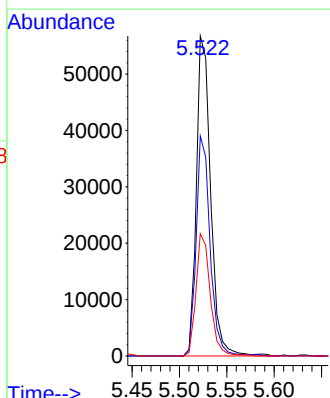
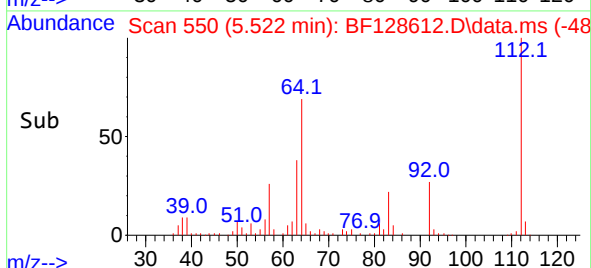
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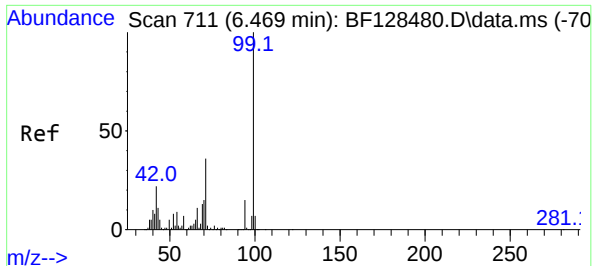


#5
2-Fluorophenol
Concen: 9.091 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.070 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06



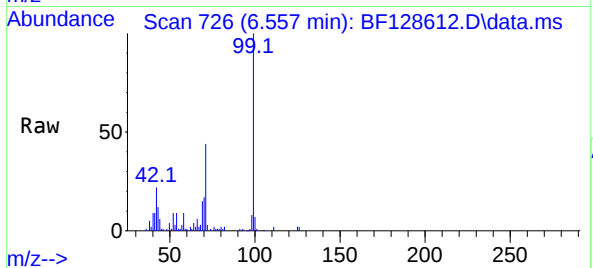
Tgt Ion:112 Resp: 59574
Ion Ratio Lower Upper
112 100
64 68.8 53.3 79.9
63 38.2 28.0 42.0





#7
Phenol-d6
Concen: 4.875 ng
RT: 6.557 min Scan# 711
Delta R.T. 0.088 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

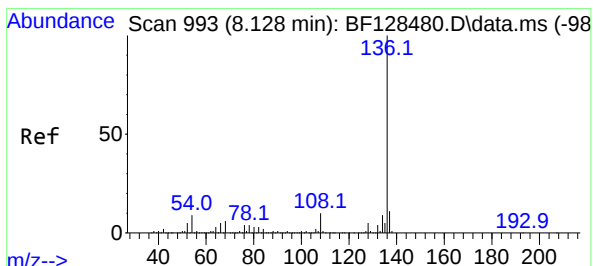
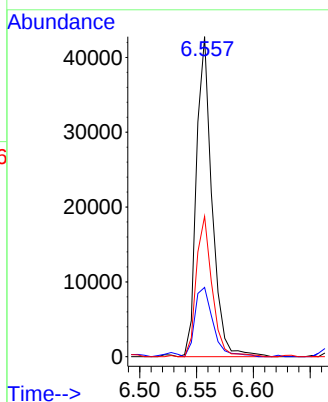
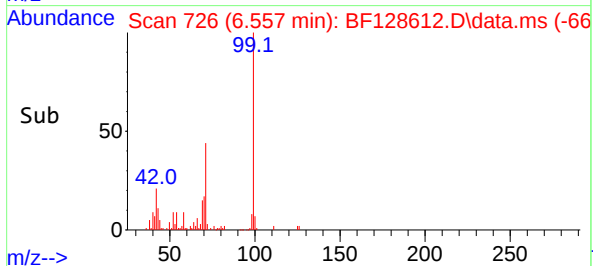
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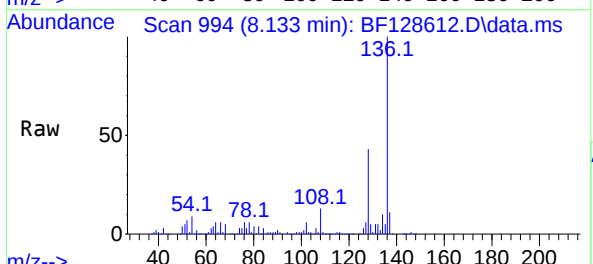
Tgt Ion: 99 Resp: 40730
Ion Ratio Lower Upper
99 100
42 21.7 17.3 25.9
71 43.9 28.9 43.3

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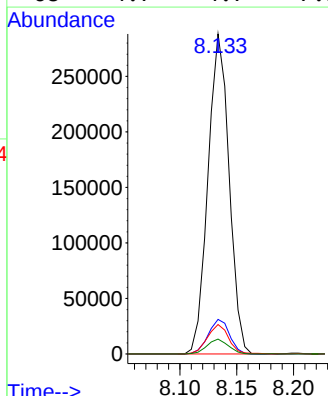
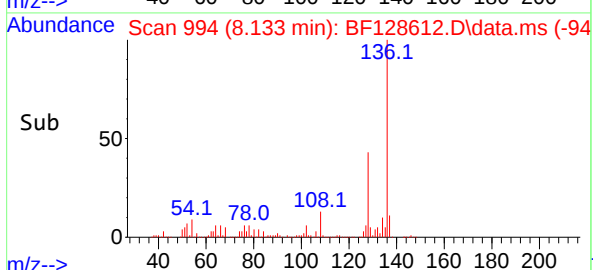
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

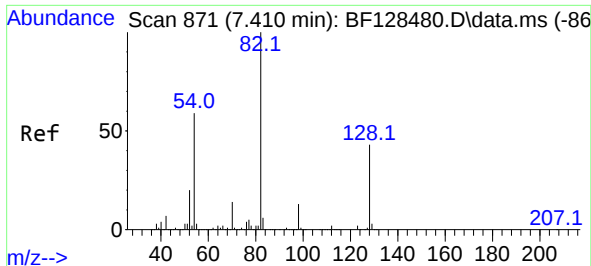


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06



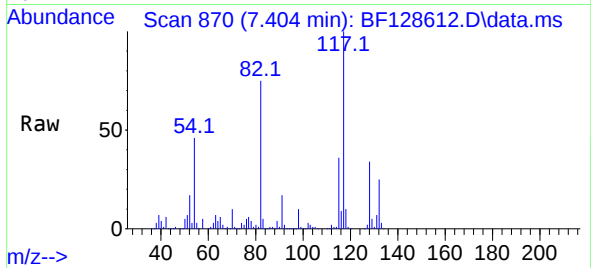
Tgt Ion:136 Resp: 372826
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.2 7.5 11.3
68 4.7 4.7 7.1





#23
Nitrobenzene-d5
Concen: 18.647 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

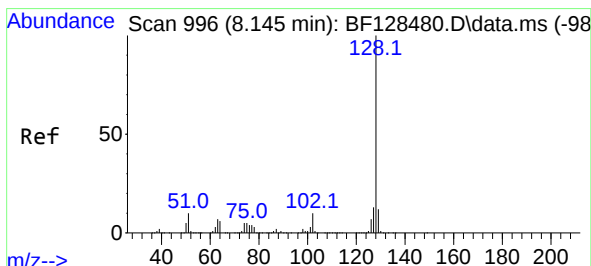
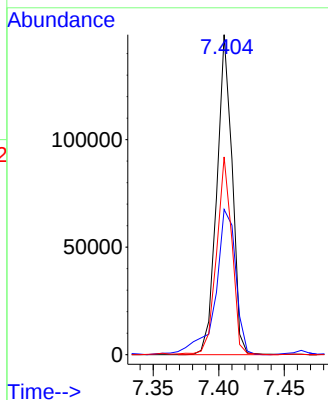
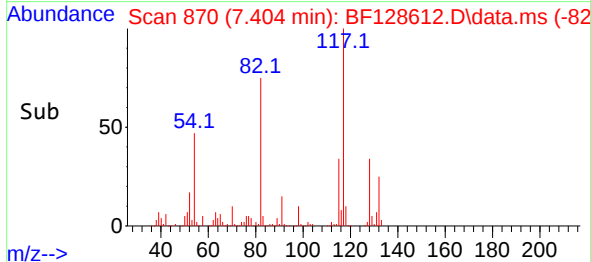
Instrument :
BNA_F
ClientSampleId :
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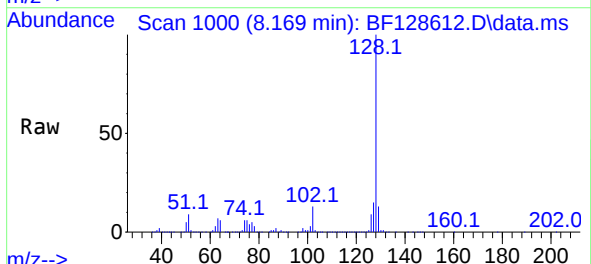
Tgt Ion: 82 Resp: 120512
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 61.8 46.9 70.3

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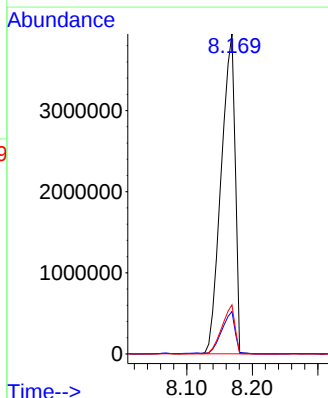
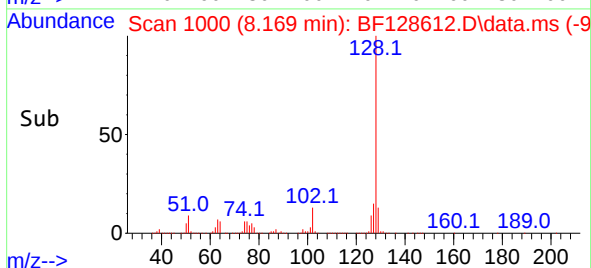
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

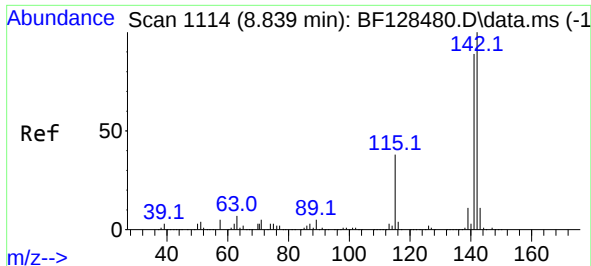


#31
Naphthalene
Concen: 318.385 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.023 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06



Tgt Ion:128 Resp: 5809717
Ion Ratio Lower Upper
128 100
129 13.3 9.2 13.8
127 15.4 10.5 15.7





#37

2-Methylnaphthalene

Concen: 69.477 ng

RT: 8.845 min Scan# 1114

Delta R.T. 0.006 min

Lab File: BF128612.D

Acq: 01 Jun 2022 00:06

Instrument :

BNA_F

ClientSampleId :

MW-14DL

Tgt Ion:142 Resp: 800230

Ion Ratio Lower Upper

142 100

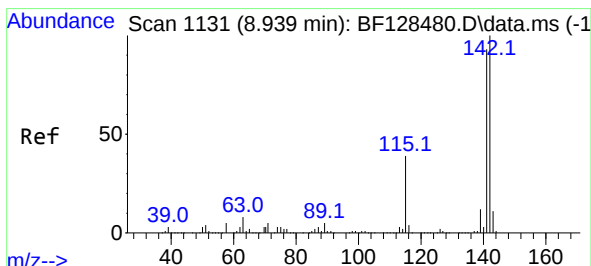
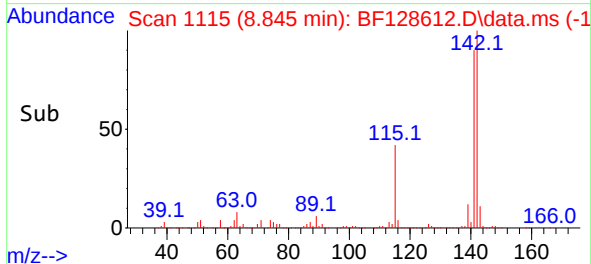
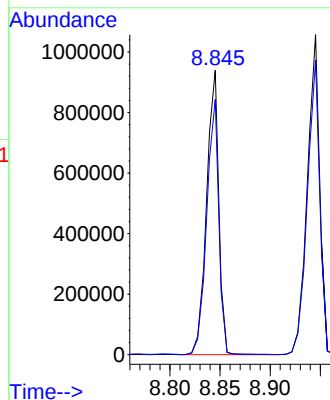
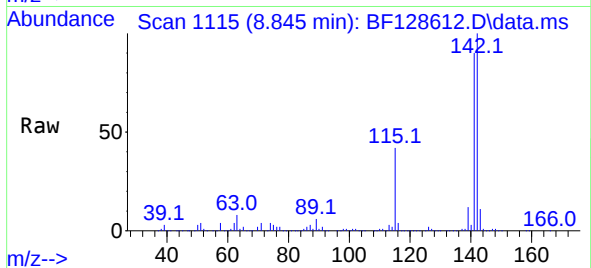
141 89.8 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 06/01/2022

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#38

1-Methylnaphthalene

Concen: 81.114 ng

RT: 8.945 min Scan# 1132

Delta R.T. 0.006 min

Lab File: BF128612.D

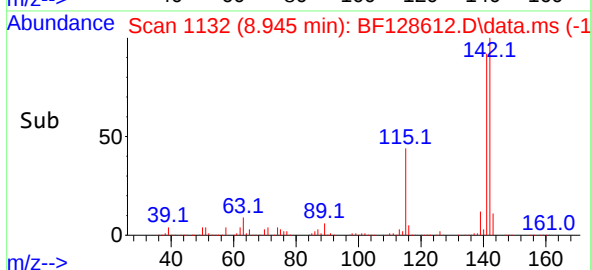
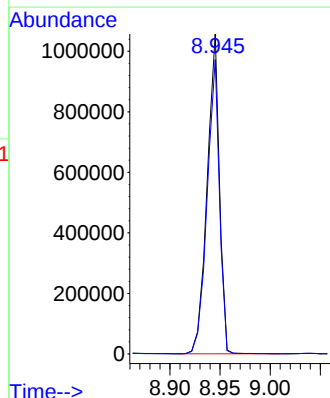
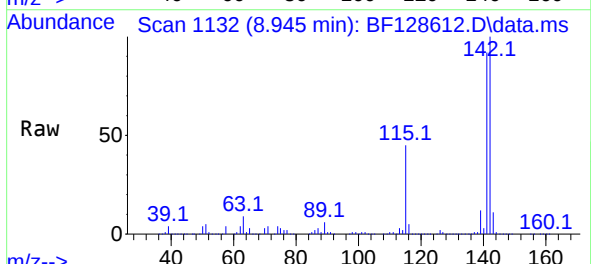
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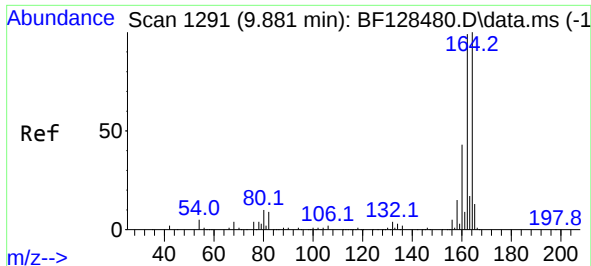
Tgt Ion:142 Resp: 908659

Ion Ratio Lower Upper

142 100

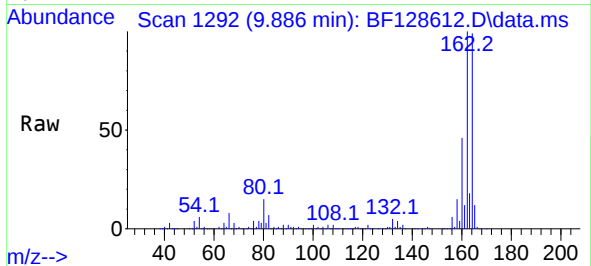
141 92.0 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.005 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

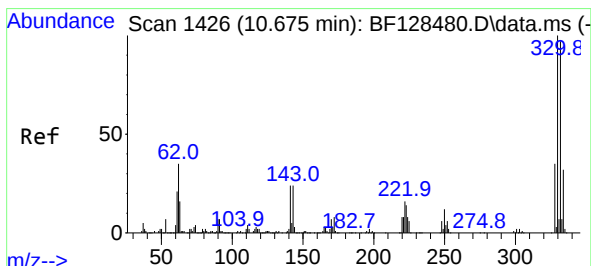
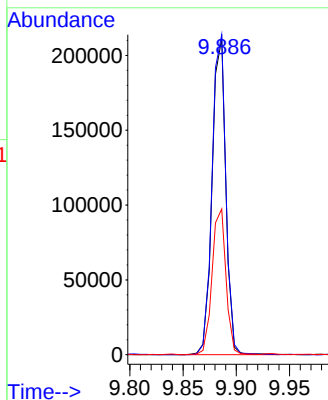
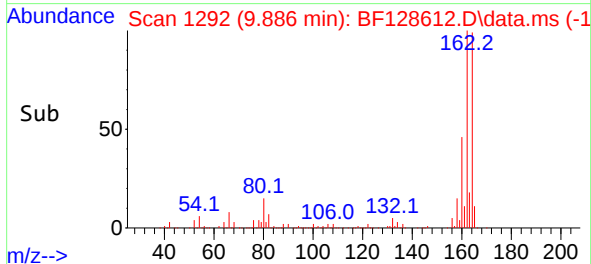
Instrument :
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ClientSampleId :
MW-14DL



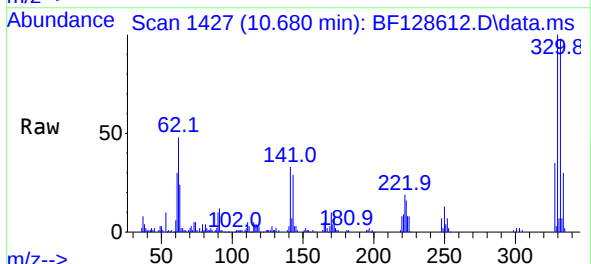
Tgt Ion:164 Resp: 187830
Ion Ratio Lower Upper
164 100
162 101.2 79.5 119.3
160 46.1 34.2 51.4

Manual Integrations
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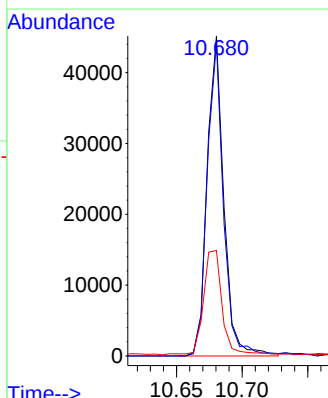
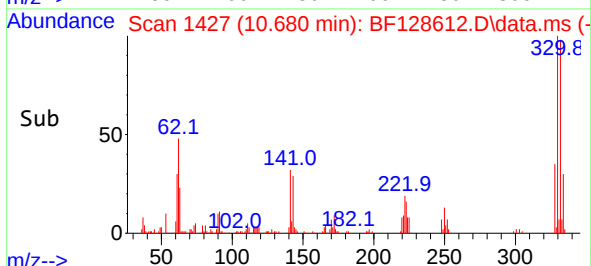
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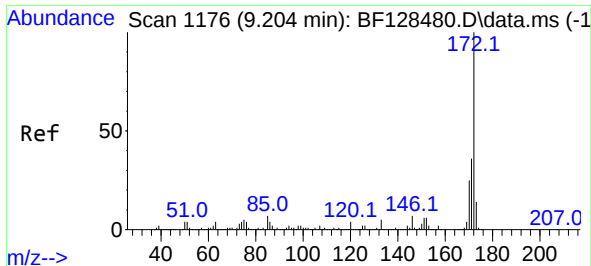


#42
2,4,6-Tribromophenol
Concen: 22.358 ng
RT: 10.680 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06



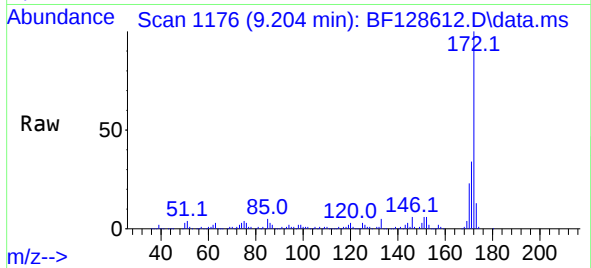
Tgt Ion:330 Resp: 39974
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 37.0 28.0 42.0





#45
2-Fluorobiphenyl
Concen: 20.123 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

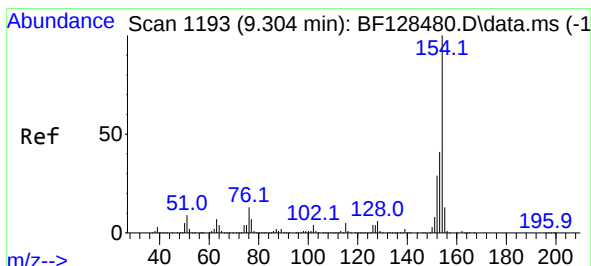
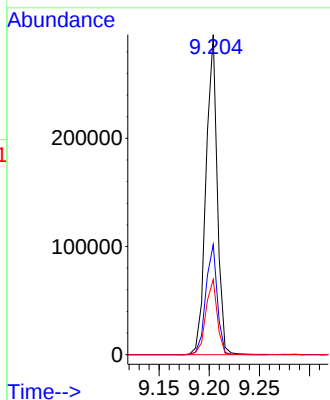
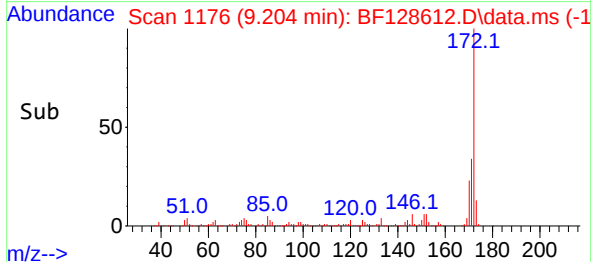
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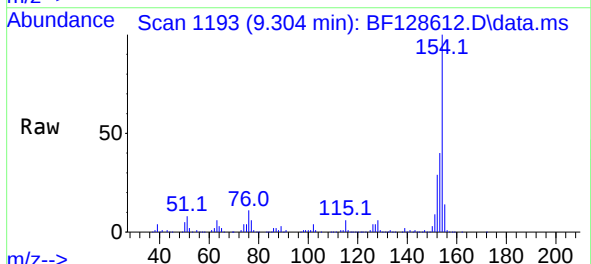
Tgt Ion:172 Resp: 23265
Ion Ratio Lower Upper
172 100
171 34.4 28.8 43.2
170 23.5 19.8 29.8

Manual Integrations
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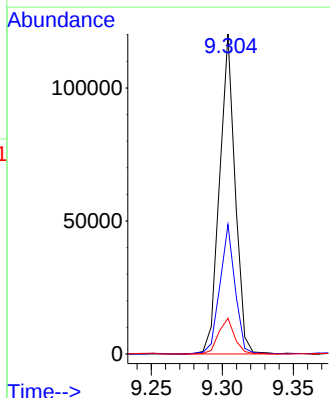
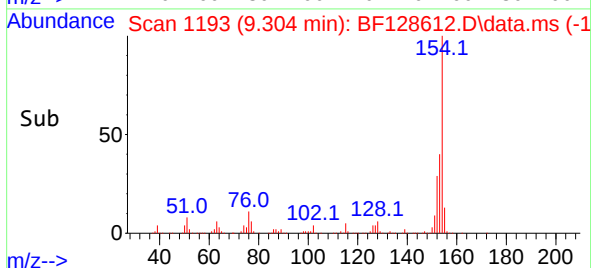
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

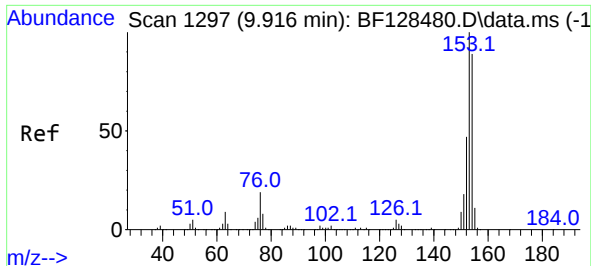


#46
1,1'-Biphenyl
Concen: 6.936 ng
RT: 9.304 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06



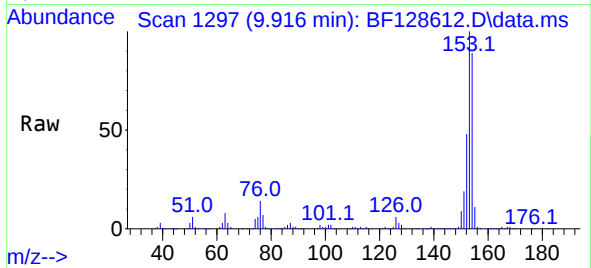
Tgt Ion:154 Resp: 91482
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 11.2 0.0 33.3





#52
Acenaphthene
Concen: 19.261 ng m
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

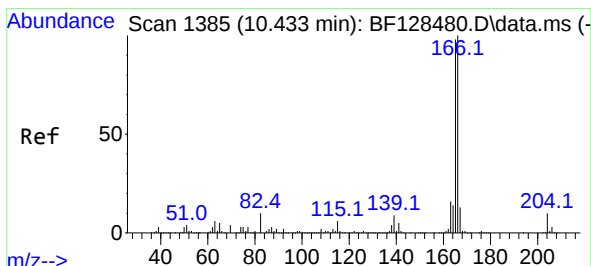
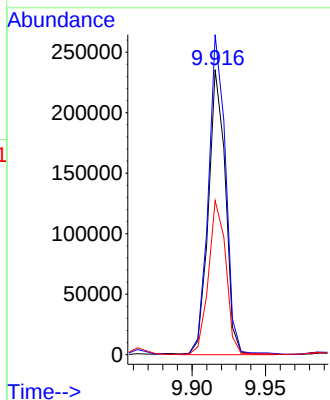
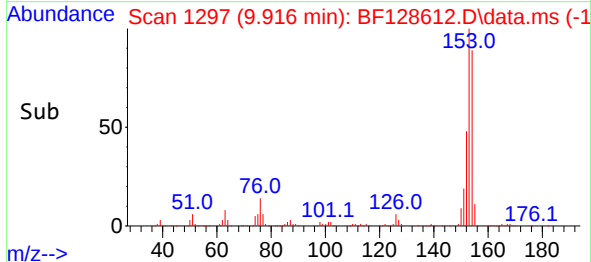
Instrument :
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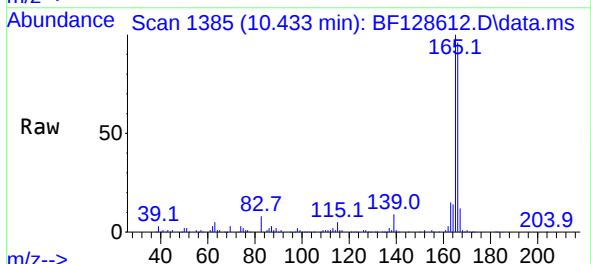
Tgt Ion:154 Resp: 189014
Ion Ratio Lower Upper
154 100
153 112.3 89.6 134.4
152 54.1 42.4 63.6

Manual Integrations
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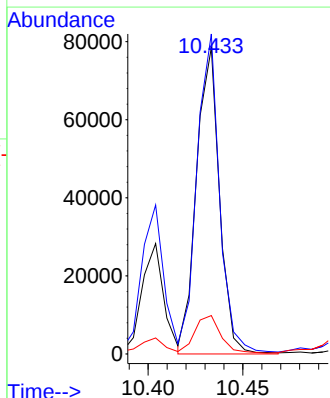
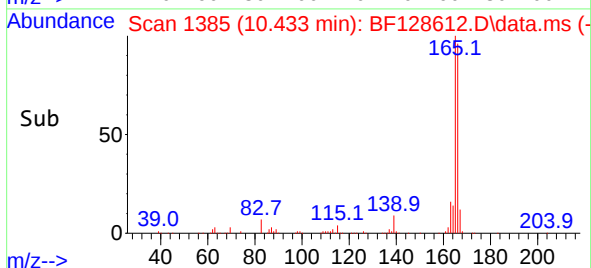
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

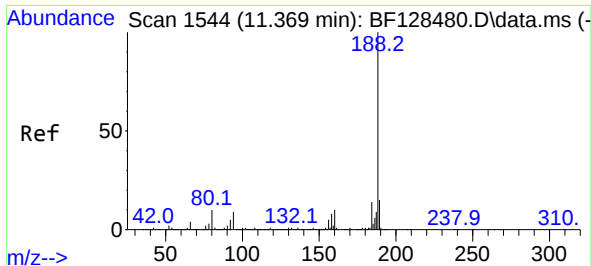


#58
Fluorene
Concen: 6.326 ng
RT: 10.433 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06



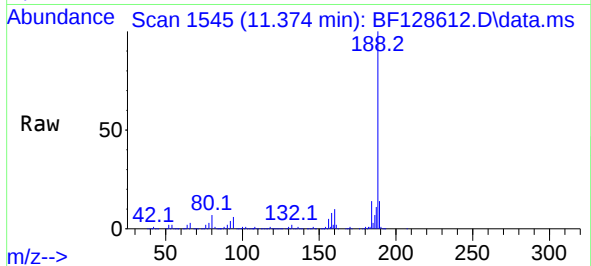
Tgt Ion:166 Resp: 66305
Ion Ratio Lower Upper
166 100
165 104.4 78.1 117.1
167 12.5 10.5 15.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

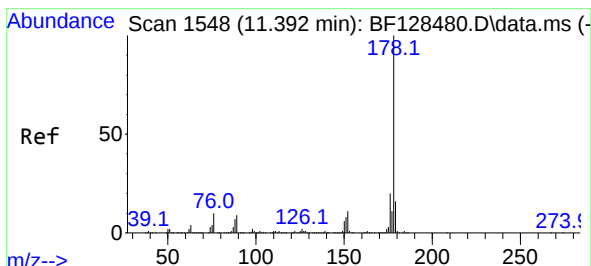
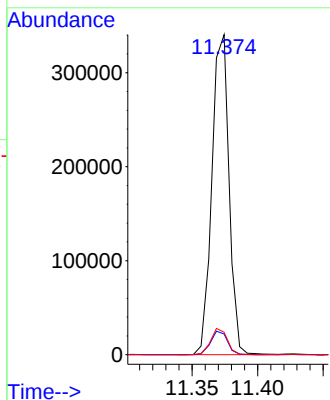
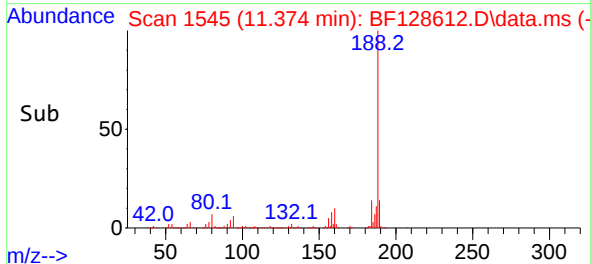
Instrument :
BNA_F
ClientSampleId :
MW-14DL



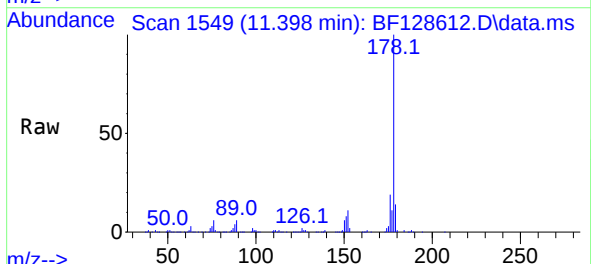
Tgt Ion:188 Resp: 309770
Ion Ratio Lower Upper
188 100
94 6.5 7.0 10.6
80 7.0 7.6 11.4

Manual Integrations
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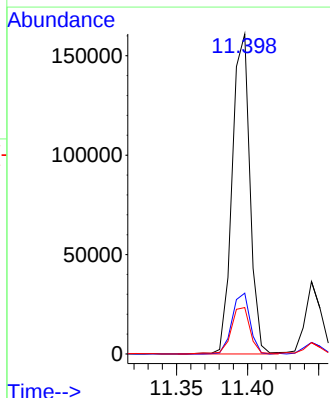
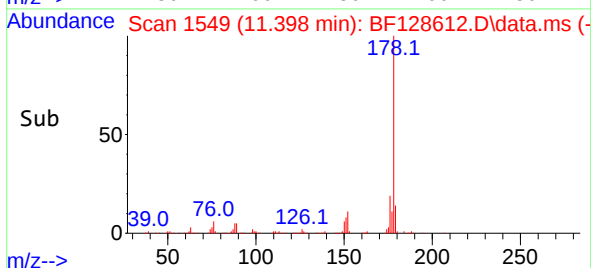
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

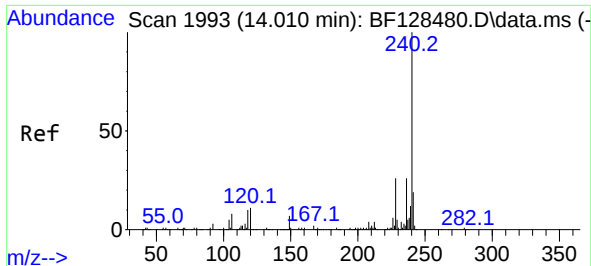


#71
Phenanthrene
Concen: 9.522 ng
RT: 11.398 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06



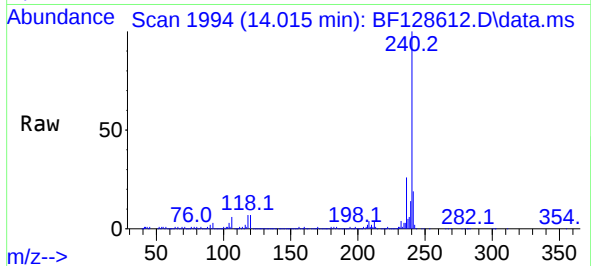
Tgt Ion:178 Resp: 139724
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 14.5 12.6 19.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 1994
Delta R.T. 0.006 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06

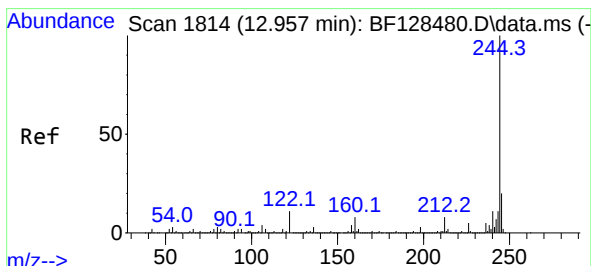
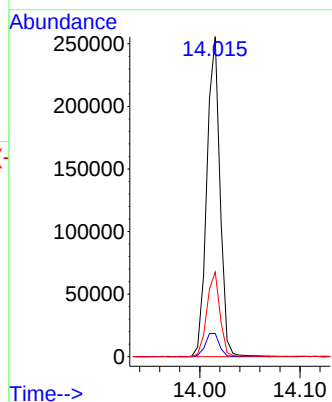
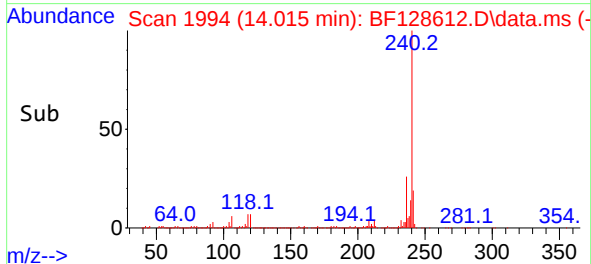
Instrument :
BNA_F
Client SampleId :
MW-14DL



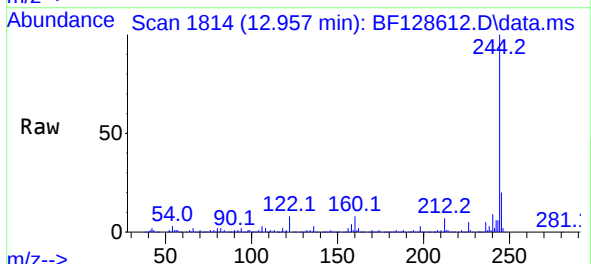
Tgt Ion:240 Resp: 23358
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3
236 26.4 20.8 31.2

Manual Integrations
APPROVED

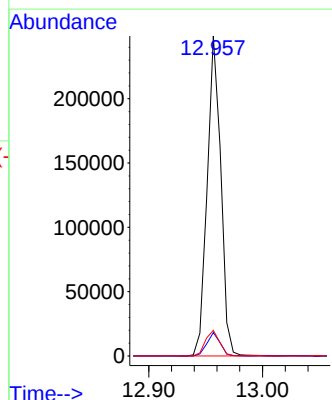
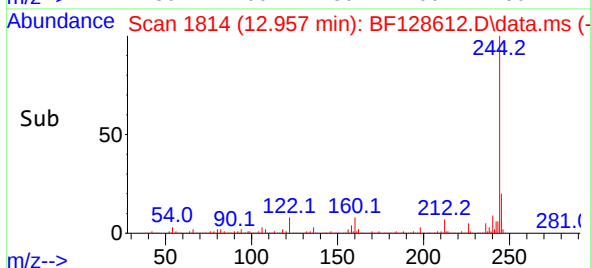
Reviewed By :Christian Giraldo 06/01/2022
Supervised By :Jagrut Upadhyay 06/01/2022

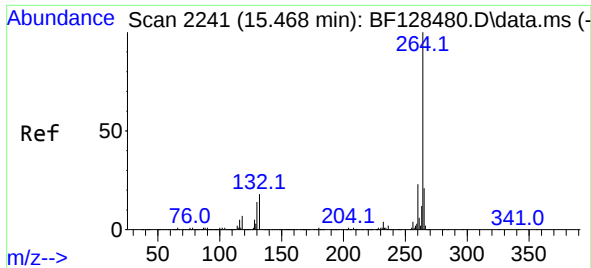


#79
Terphenyl-d14
Concen: 17.059 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF128612.D
Acq: 01 Jun 2022 00:06



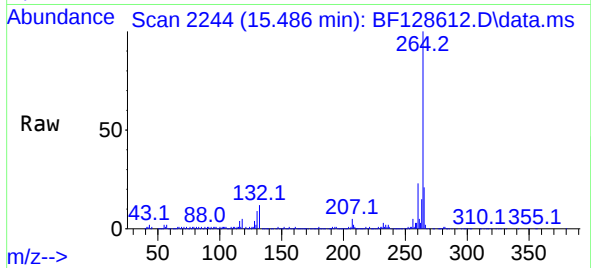
Tgt Ion:244 Resp: 206248
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 8.0 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF128612.D
 Acq: 01 Jun 2022 00:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL



Tgt Ion:264 Resp: 17903
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 21.2 17.2 25.8

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 06/01/2022
 Supervised By :Jagrut Upadhyay 06/01/2022

