

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127955.D
 Acq On : 27 Apr 2022 19:56
 Operator : CG\JU
 Sample : N2482-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/28/2022
 Supervised By : Jagrut Upadhyay 04/28/2022

Quant Time: Apr 28 05:17:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	174557	40.000	ng	0.00
21) Naphthalene-d8	8.216	136	672244	40.000	ng	0.00
39) Acenaphthene-d10	9.975	164	365760	40.000	ng	0.00
64) Phenanthrene-d10	11.463	188	581118	40.000	ng	0.00
76) Chrysene-d12	14.110	240	353931	40.000	ng	0.00
86) Perylene-d12	15.621	264	432584	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	260499	47.540	ng	0.01
7) Phenol-d6	6.557	99	426602	59.999	ng	0.00
23) Nitrobenzene-d5	7.498	82	682976	95.550	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	211222	114.732	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1087496	100.599	ng	0.00
79) Terphenyl-d14	13.051	244	904567	93.468	ng	0.00
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	6.951	146	25601	3.918	ng	98
31) Naphthalene	8.239	128	1632017	95.332	ng	99
35) Caprolactam	8.616	113	7759m	4.706	ng	
37) 2-Methylnaphthalene	8.928	142	194322	17.175	ng	100
38) 1-Methylnaphthalene	9.028	142	118595	10.784	ng	100
60) Diethylphthalate	10.380	149	50091	4.165	ng	99

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

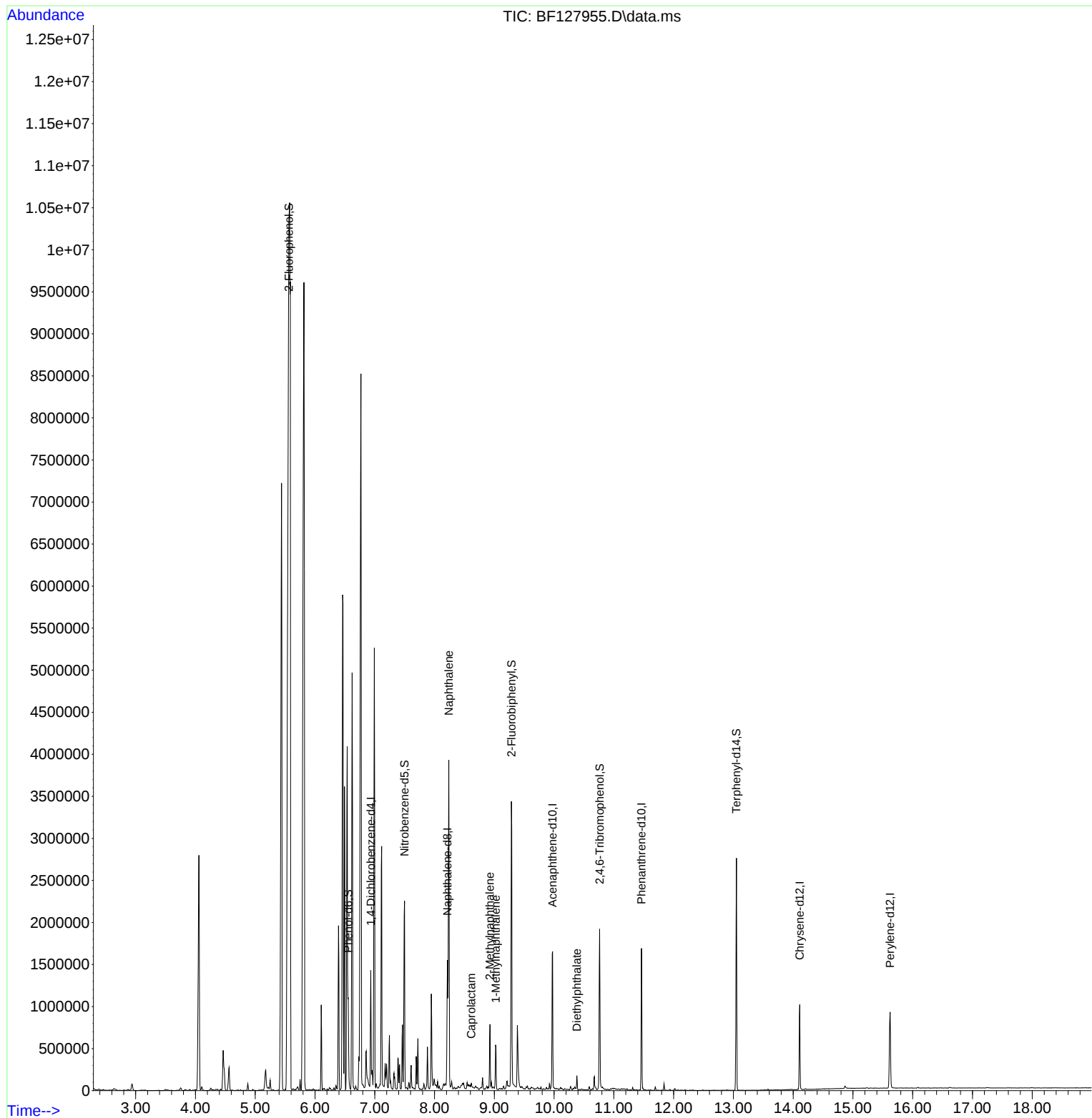
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
Data File : BF127955.D
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Misc :
ALS Vial : 11 Sample Multiplier: 2

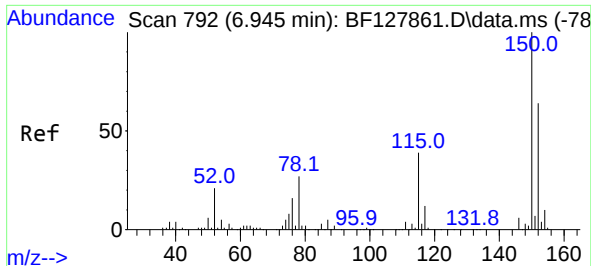
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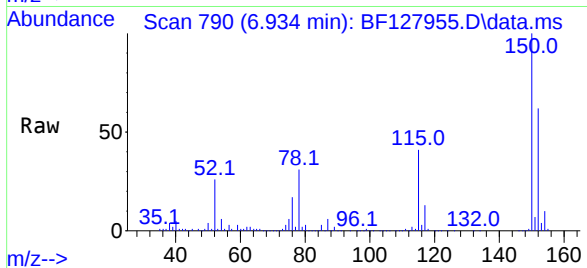
Quant Time: Apr 28 05:17:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 40.000 ng
RT: 6.934 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

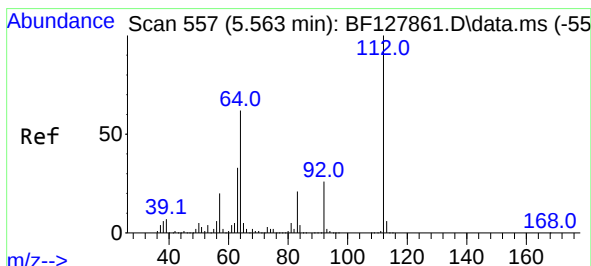
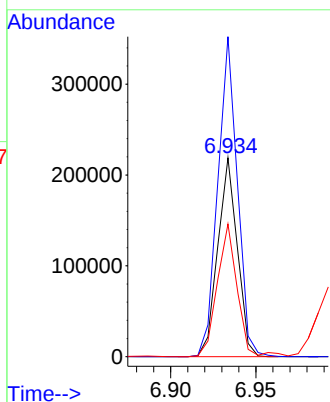
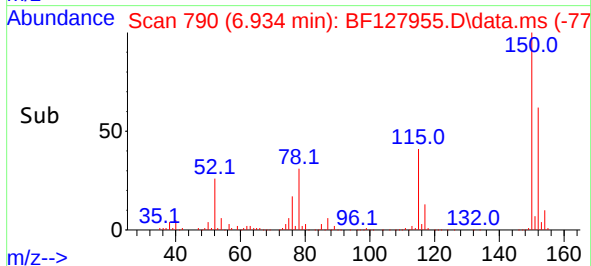
Instrument :
BNA_F
ClientSampleId :
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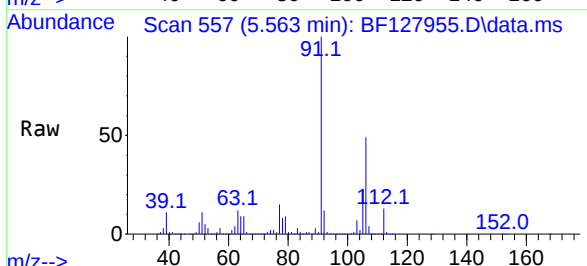
Tgt Ion:152 Resp: 17455
Ion Ratio Lower Upper
152 100
150 160.9 125.3 187.9
115 66.7 48.8 73.2

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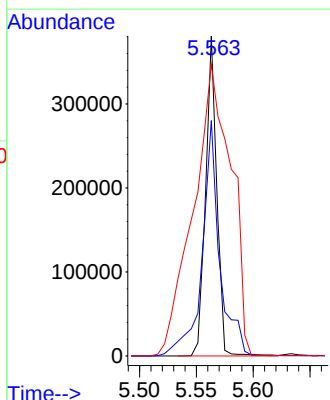
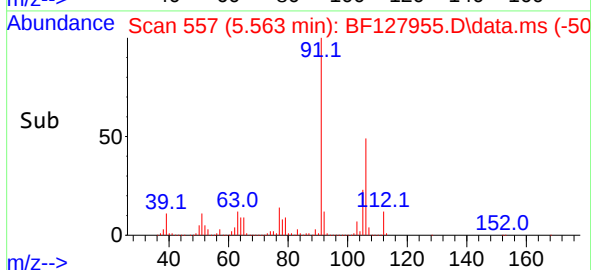
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

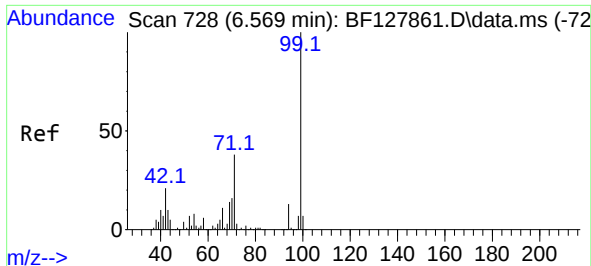


#5
2-Fluorophenol
Concen: 47.540 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.012 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56



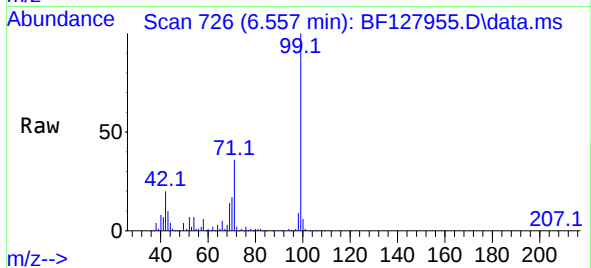
Tgt Ion:112 Resp: 260499
Ion Ratio Lower Upper
112 100
64 73.5 49.5 74.3
63 91.1 26.3 39.5#





#7
Phenol-d6
Concen: 59.999 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

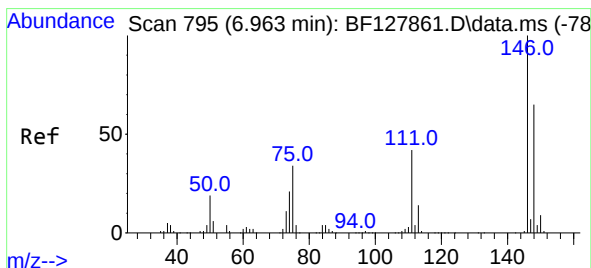
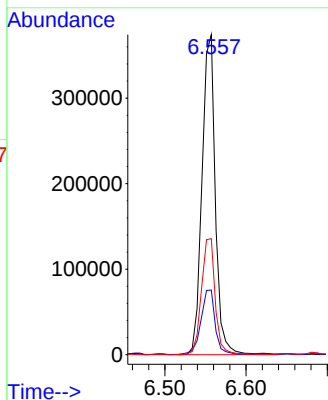
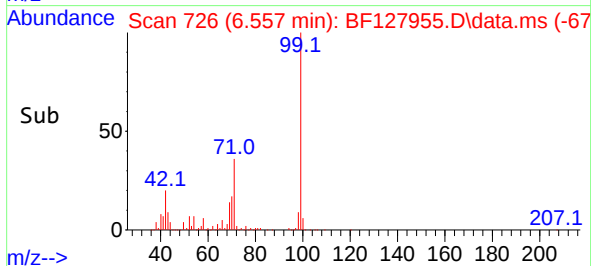
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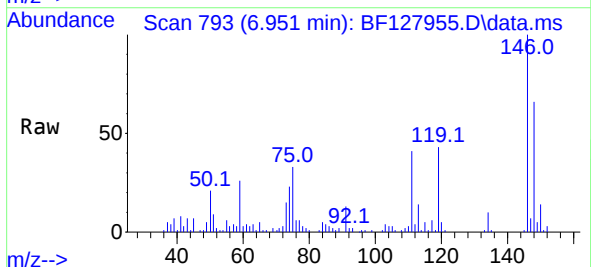
Tgt Ion: 99 Resp: 426602
Ion Ratio Lower Upper
99 100
42 20.2 16.6 24.8
71 36.3 30.0 45.0

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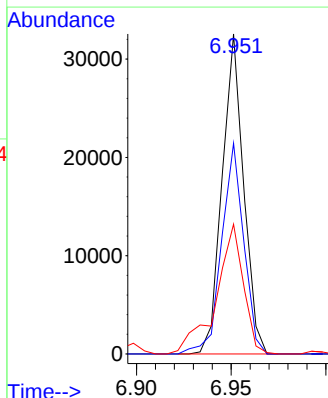
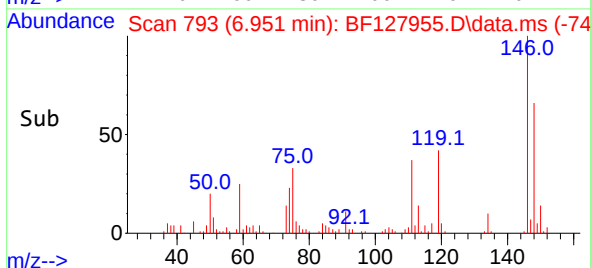
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

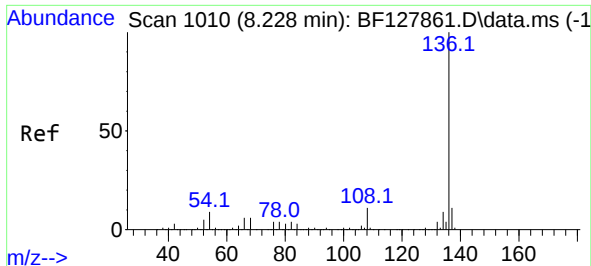


#13
1,4-Dichlorobenzene
Concen: 3.918 ng
RT: 6.951 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56



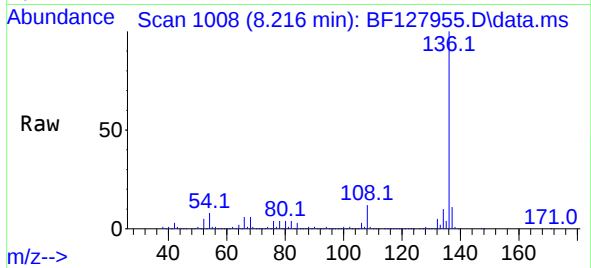
Tgt Ion:146 Resp: 25601
Ion Ratio Lower Upper
146 100
148 65.9 52.3 78.5
111 40.6 33.9 50.9





#21
Naphthalene-d8
Concen: 40.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

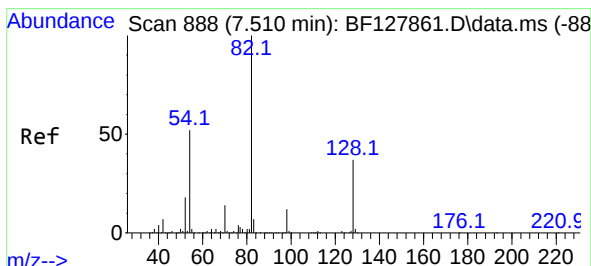
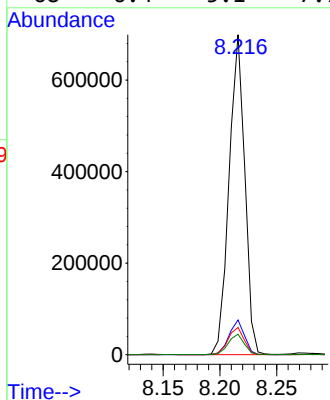
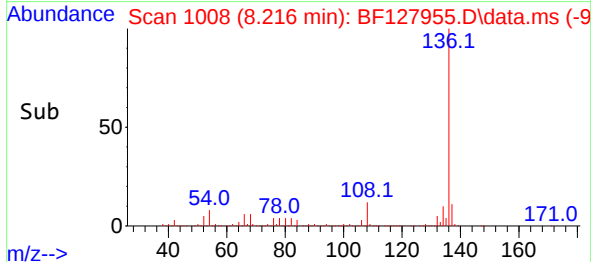
Instrument :
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Tgt Ion:136 Resp: 67224
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 6.8 10.2
68 6.4 5.1 7.7

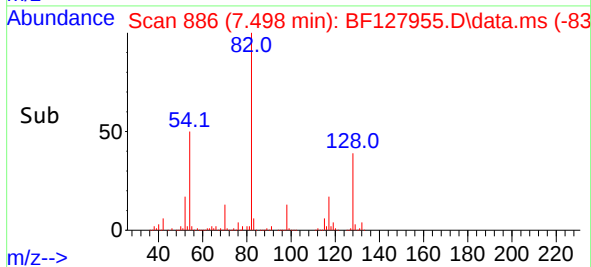
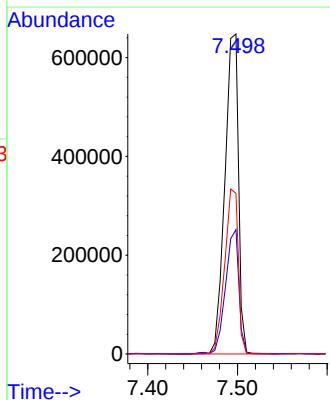
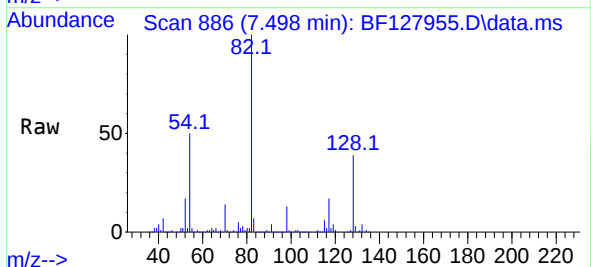
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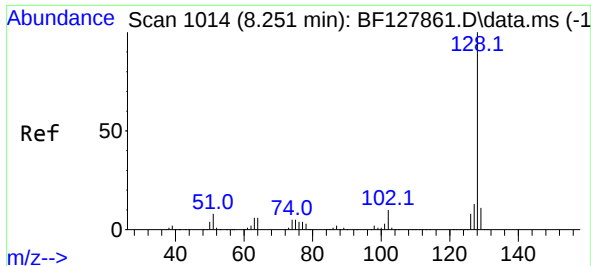
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#23
Nitrobenzene-d5
Concen: 95.550 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

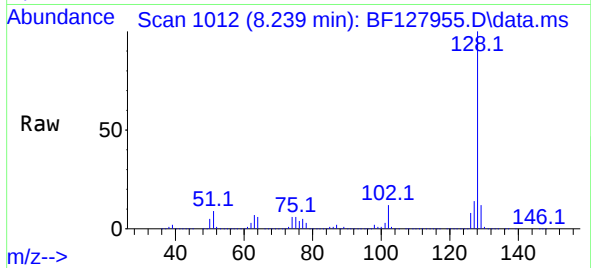
Tgt Ion: 82 Resp: 682976
Ion Ratio Lower Upper
82 100
128 38.8 30.0 45.0
54 50.2 41.3 61.9





#31
Naphthalene
Concen: 95.332 ng
RT: 8.239 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

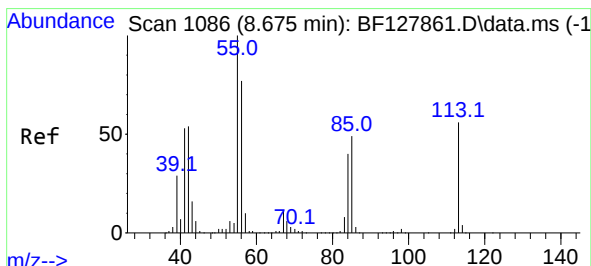
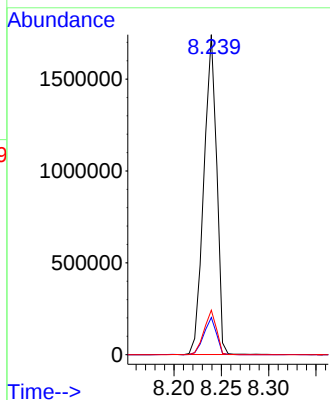
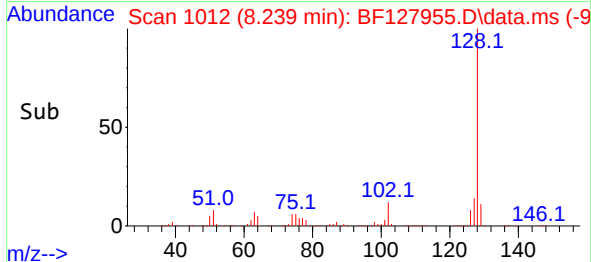
Instrument :
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ClientSampleId :
MW-14



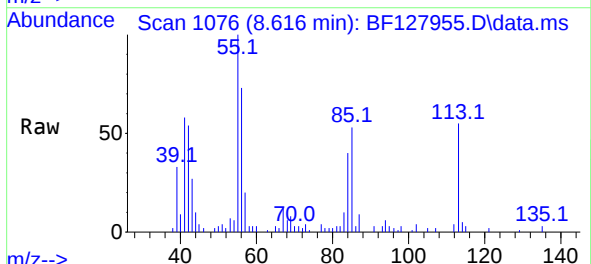
Tgt Ion:128 Resp: 163201
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.9 10.6 16.0

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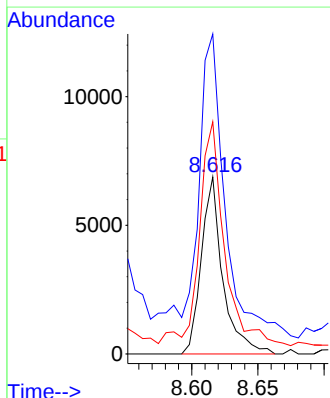
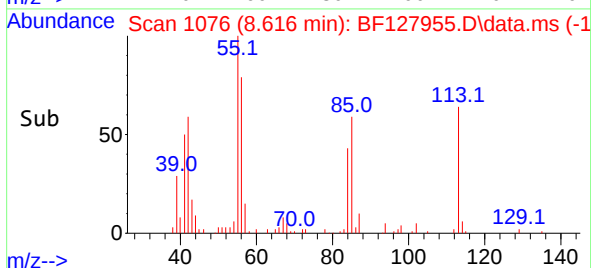
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

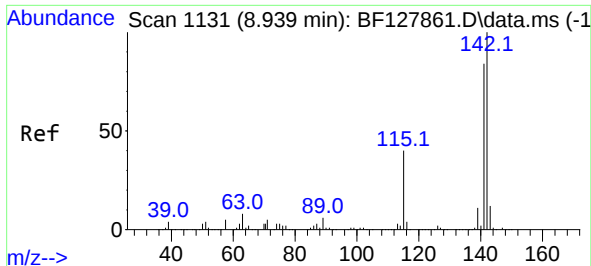


#35
Caprolactam
Concen: 4.706 ng m
RT: 8.616 min Scan# 1076
Delta R.T. -0.053 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56



Tgt Ion:113 Resp: 7759
Ion Ratio Lower Upper
113 100
55 180.9 157.4 197.4
56 131.2 116.1 156.1





#37

2-Methylnaphthalene

Concen: 17.175 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF127955.D

Acq: 27 Apr 2022 19:56

Instrument :

BNA_F

ClientSampleId :

MW-14

Tgt Ion:142 Resp: 19432

Ion Ratio Lower Upper

142 100

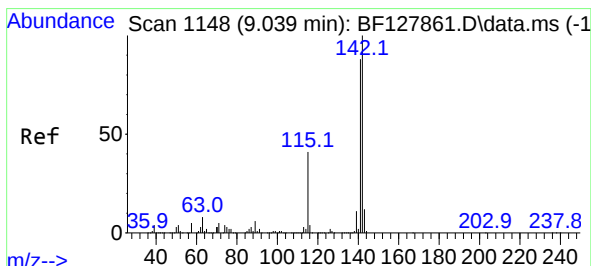
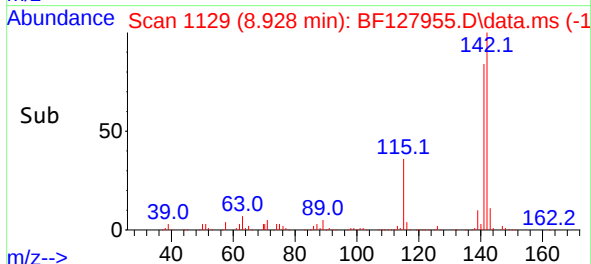
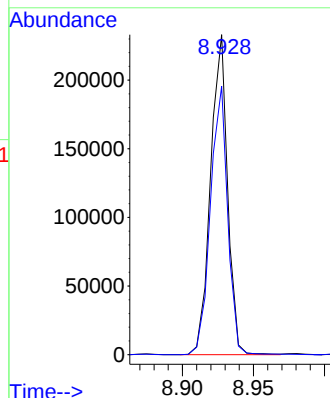
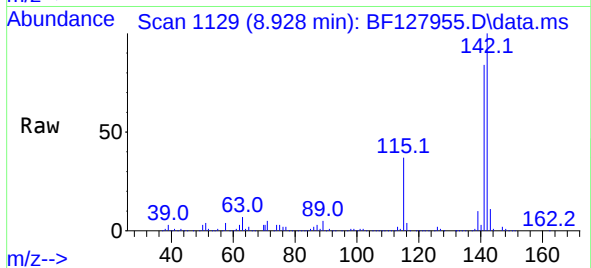
141 83.9 67.4 101.2

Manual Integrations

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#38

1-Methylnaphthalene

Concen: 10.784 ng

RT: 9.028 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF127955.D

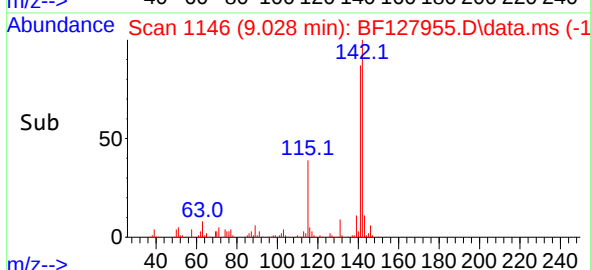
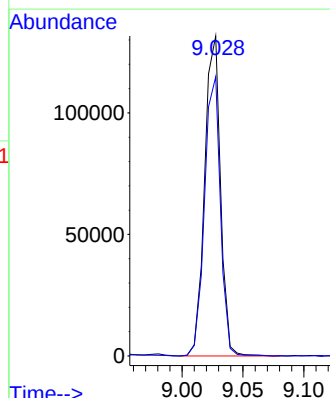
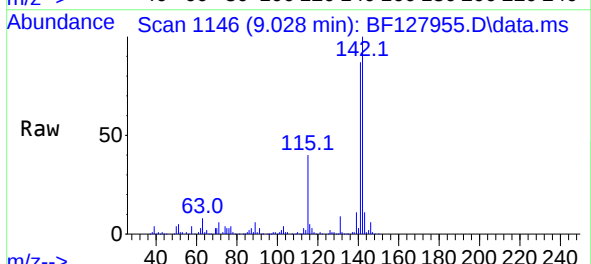
Acq: 27 Apr 2022 19:56

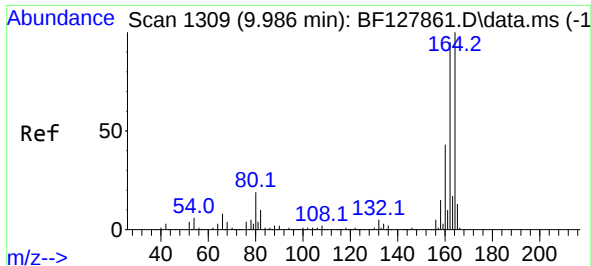
Tgt Ion:142 Resp: 118595

Ion Ratio Lower Upper

142 100

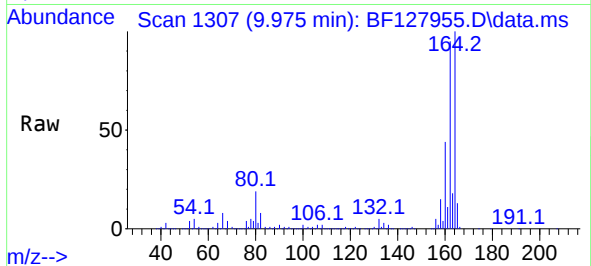
141 87.3 70.1 105.1





#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

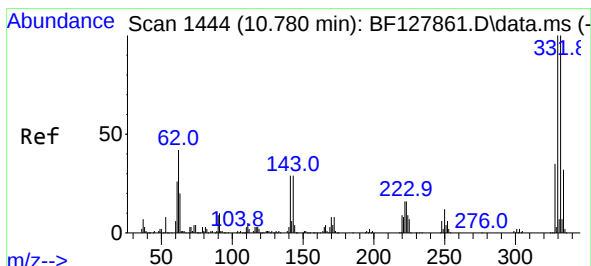
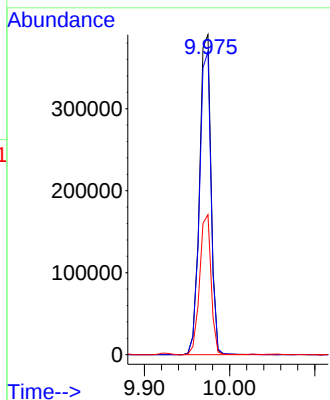
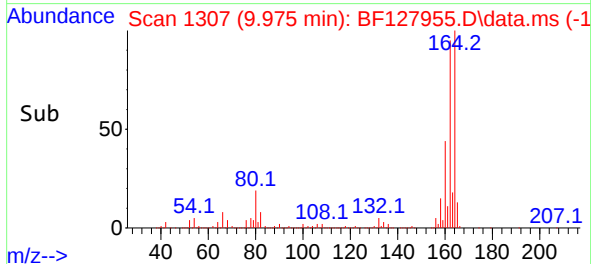
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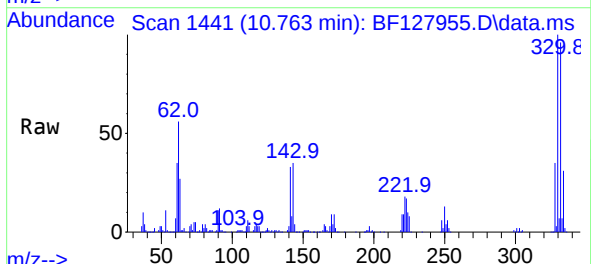
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Ion Ratio Lower Upper
164 100
162 94.7 76.0 114.0
160 43.8 34.8 52.2

Manual Integrations
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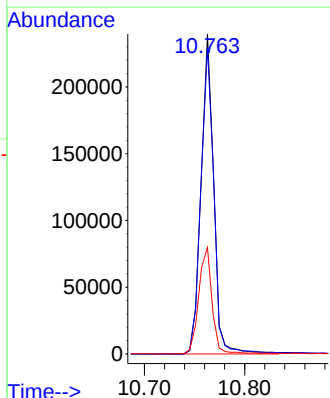
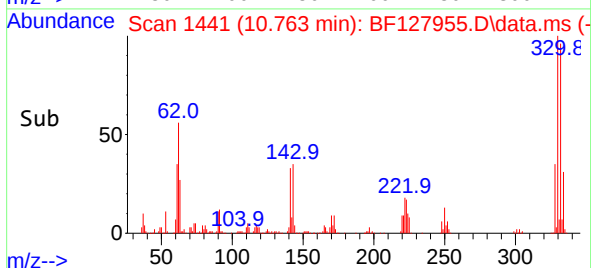
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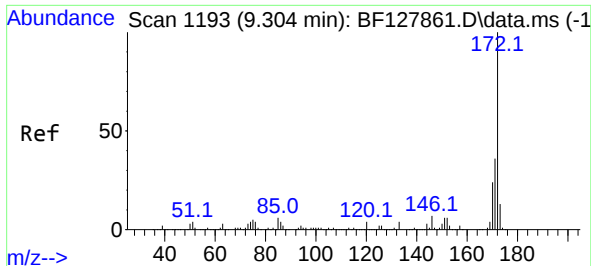


#42
2,4,6-Tribromophenol
Concen: 114.732 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56



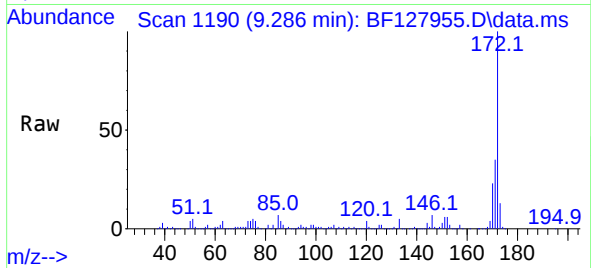
Tgt Ion:330 Resp: 211222
Ion Ratio Lower Upper
330 100
332 98.4 79.0 118.4
141 35.4 28.9 43.3





#45
2-Fluorobiphenyl
Concen: 100.599 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

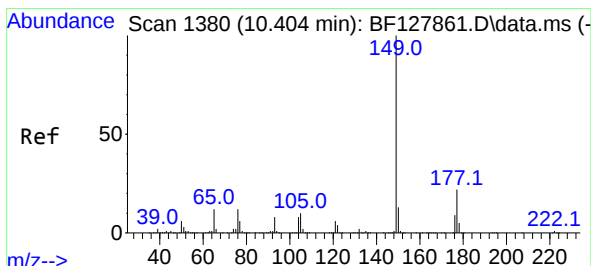
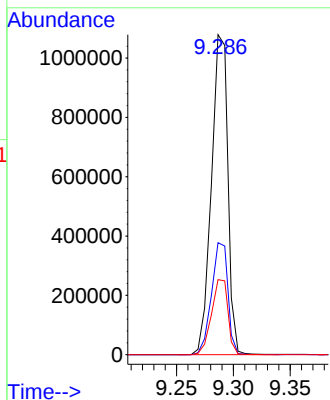
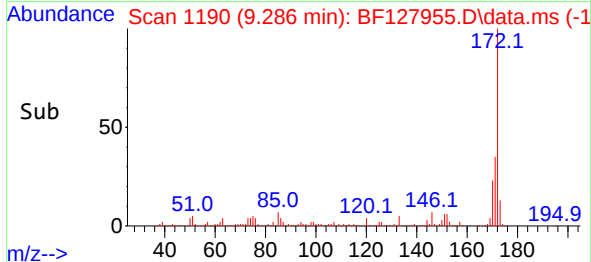
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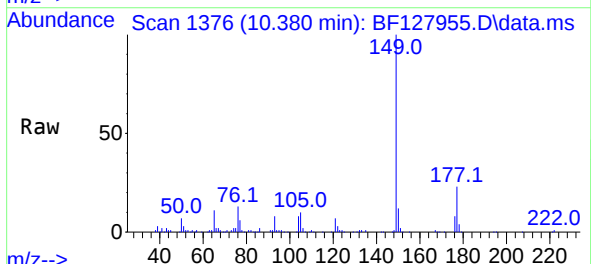
Tgt Ion:172 Resp: 1087490
Ion Ratio Lower Upper
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171 35.0 28.6 42.8
170 23.5 19.1 28.7

Manual Integrations
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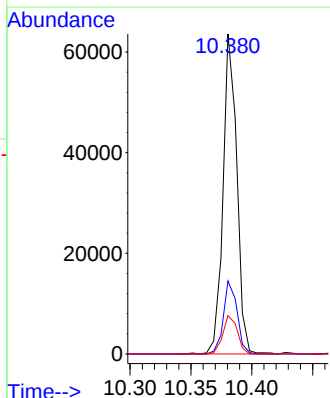
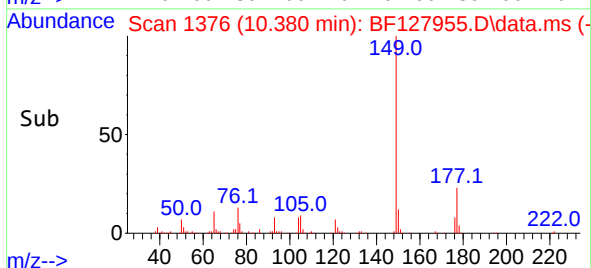
Reviewed By :Christian Giraldo 04/28/2022
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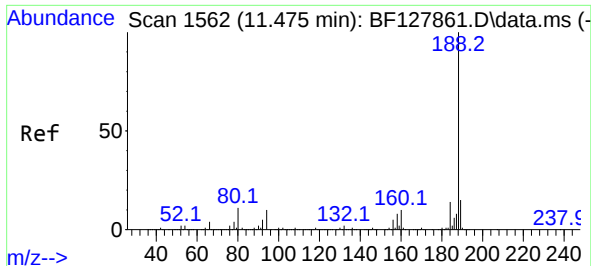


#60
Diethylphthalate
Concen: 4.165 ng
RT: 10.380 min Scan# 1376
Delta R.T. -0.012 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56



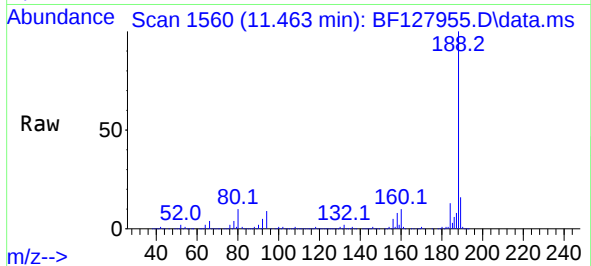
Tgt Ion:149 Resp: 50091
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 11.9 10.2 15.2





#64
Phenanthrene-d10
Concen: 40.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

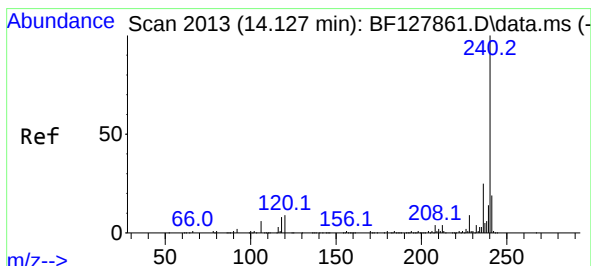
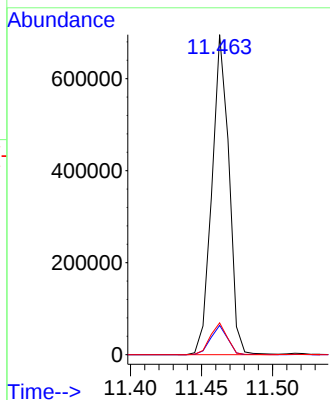
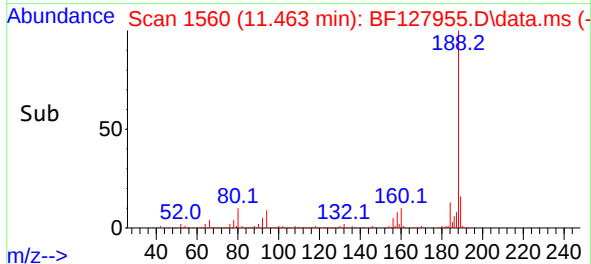
Instrument :
BNA_F
ClientSampleId :
MW-14



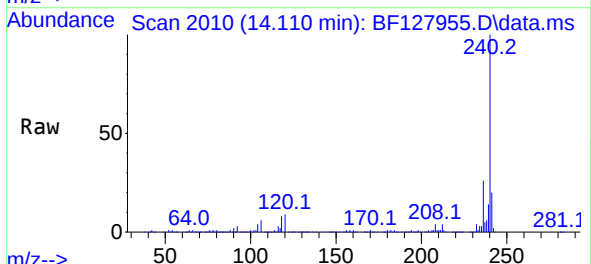
Tgt Ion:188 Resp: 581118
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 9.9 8.9 13.3

Manual Integrations
APPROVED

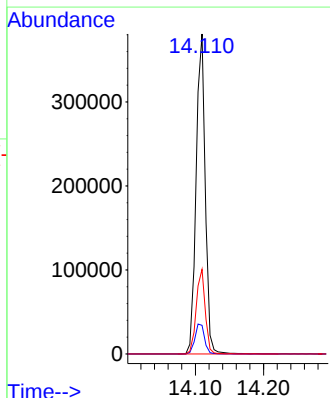
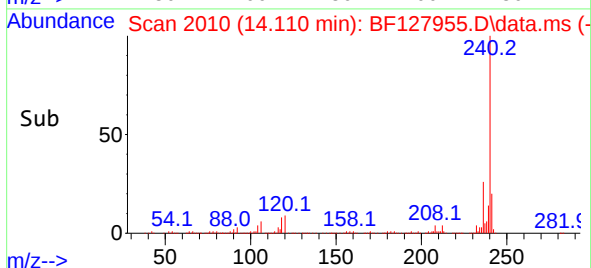
Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022

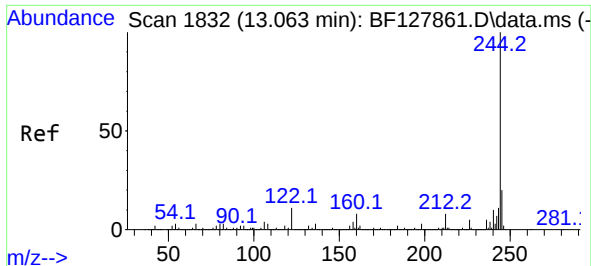


#76
Chrysene-d12
Concen: 40.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56



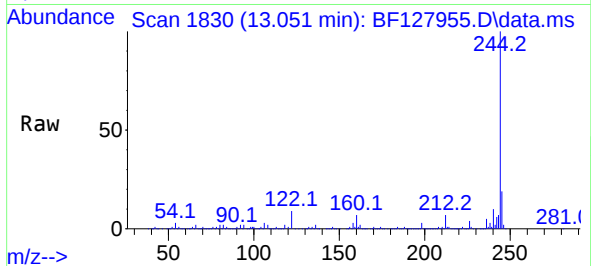
Tgt Ion:240 Resp: 353931
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.5 20.3 30.5





#79
Terphenyl-d14
Concen: 93.468 ng
RT: 13.051 min Scan# 1832
Delta R.T. -0.006 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

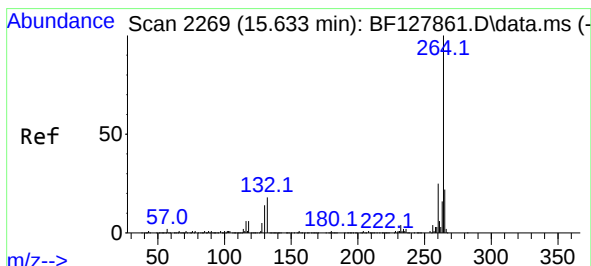
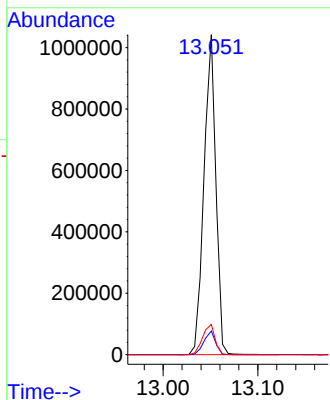
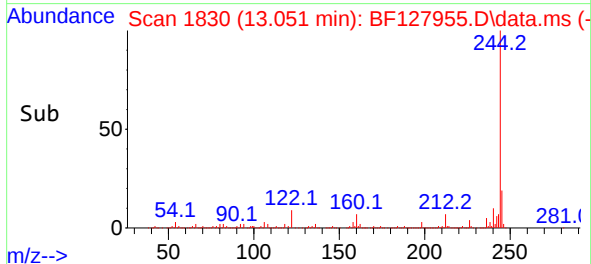
Instrument :
BNA_F
ClientSampleId :
MW-14



Tgt Ion:244 Resp: 90456
Ion Ratio Lower Upper
244 100
212 7.4 6.2 9.4
122 9.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/28/2022
Supervised By :Jagrut Upadhyay 04/28/2022



#86
Perylene-d12
Concen: 40.000 ng
RT: 15.621 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BF127955.D
Acq: 27 Apr 2022 19:56

Tgt Ion:264 Resp: 432584
Ion Ratio Lower Upper
264 100
260 23.6 20.1 30.1
265 21.6 17.5 26.3

