

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127800.D
 Acq On : 15 Apr 2022 12:45
 Operator : CG\JU
 Sample : N2389-07RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 33637-8RE

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/18/2022
 Supervised By : Jagrut Upadhyay 04/18/2022

Quant Time: Apr 18 01:23:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	131076	20.000	ng	-0.01
21) Naphthalene-d8	8.233	136	436090	20.000	ng	#-0.01
39) Acenaphthene-d10	9.998	164	183452	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	303888	20.000	ng	0.00
76) Chrysene-d12	14.133	240	316457	20.000	ng	-0.01
86) Perylene-d12	15.651	264	351057	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	784101	97.202	ng	0.00
7) Phenol-d6	6.587	99	856392	81.152	ng	0.00
23) Nitrobenzene-d5	7.516	82	723781	73.992	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	216982	111.147	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1182799	91.210	ng	-0.01
79) Terphenyl-d14	13.074	244	1139363	59.428	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	78134	8.740	ng	93
10) Phenol	6.598	94	140858	13.349	ng	100
15) Benzyl Alcohol	7.098	79	87137	9.445	ng	97
17) 2-Methylphenol	7.198	107	43586	6.123	ng	97
22) Acetophenone	7.357	105	261329	22.301	ng	# 81
27) 2,4-Dimethylphenol	7.886	122	18860	2.827	ng	83
31) Naphthalene	8.257	128	1380471	60.411	ng	98
32) Benzoic acid	8.175	122	2119984m	437.968	ng	
37) 2-Methylnaphthalene	8.945	142	37429	2.449	ng	95

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

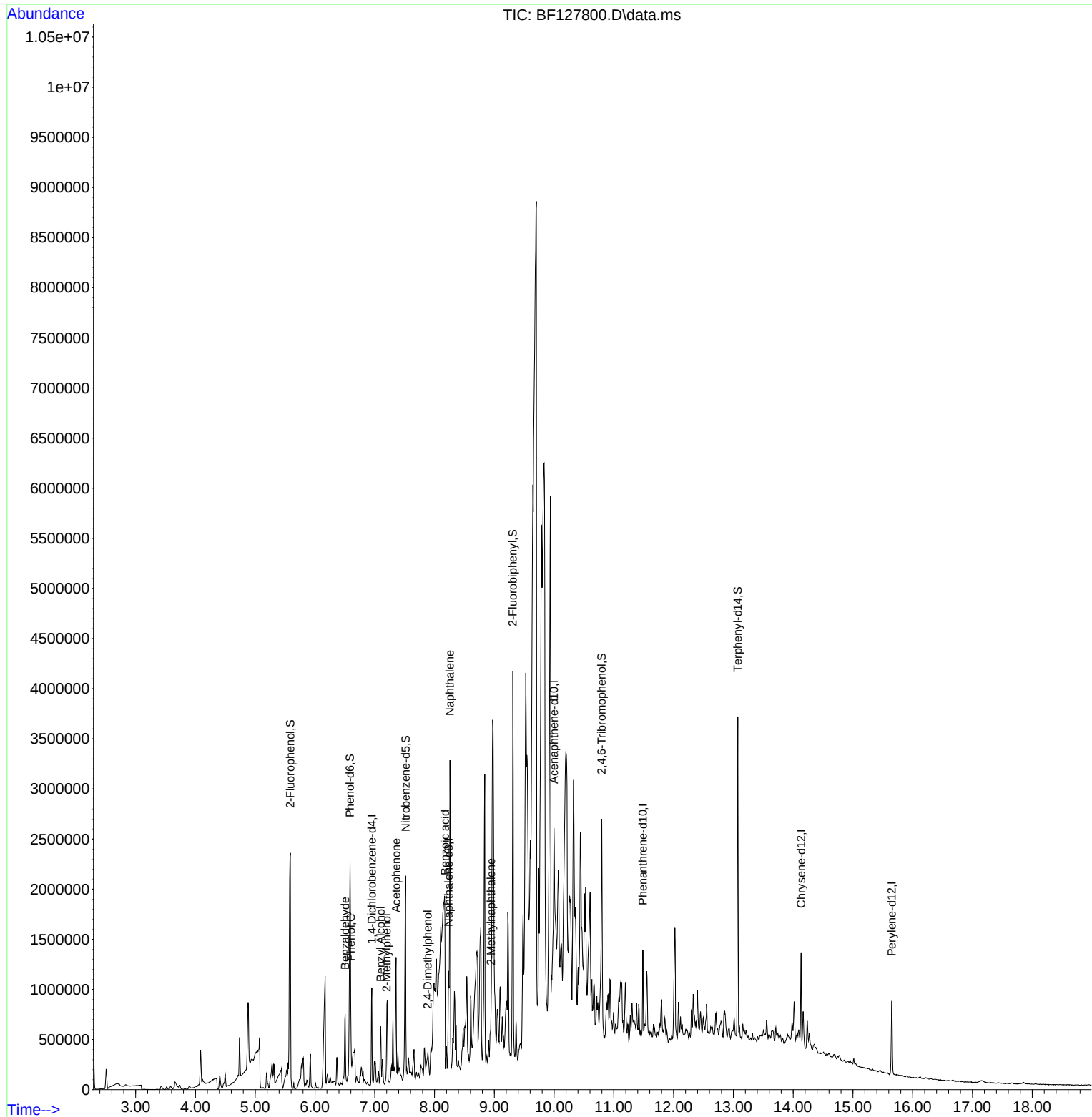
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
Data File : BF127800.D
Acq On : 15 Apr 2022 12:45
Operator : CG\JU
Sample : N2389-07RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

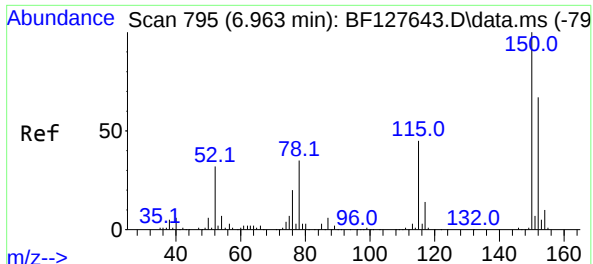
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
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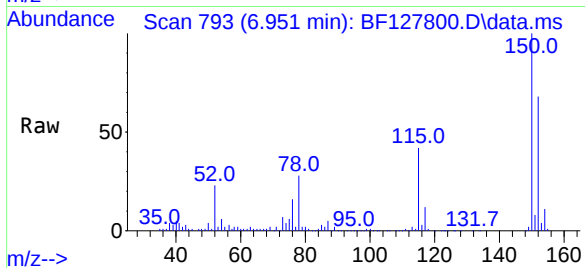
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45

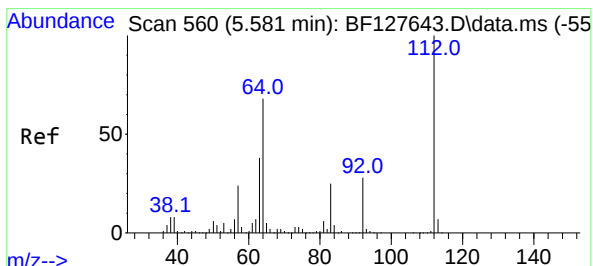
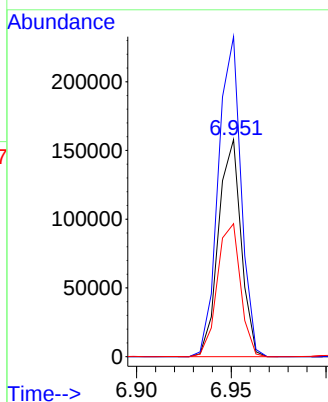
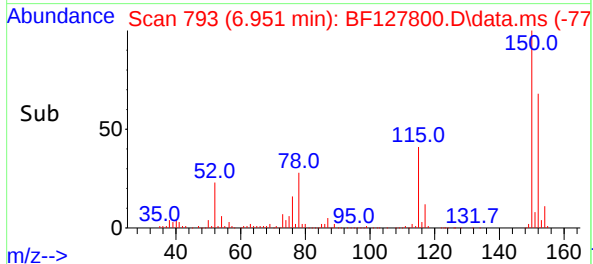
Instrument :
BNA_F
ClientSampleId :
33637-8RE



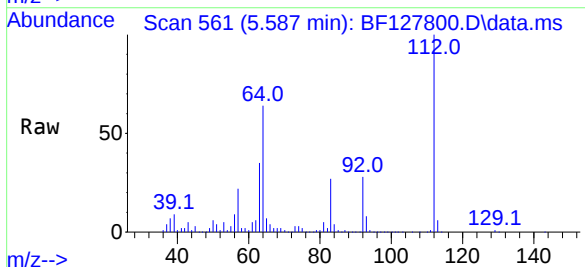
Tgt Ion:152 Resp: 131070
Ion Ratio Lower Upper
152 100
150 147.4 117.2 175.8
115 61.2 49.8 74.6

Manual Integrations
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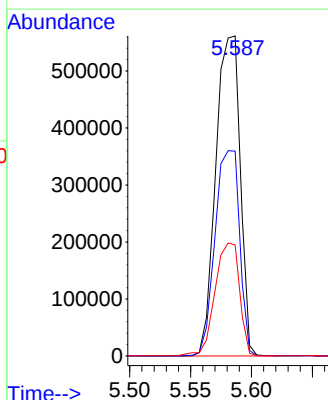
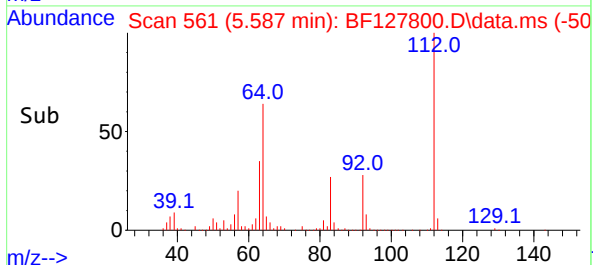
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#5
2-Fluorophenol
Concen: 97.202 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45



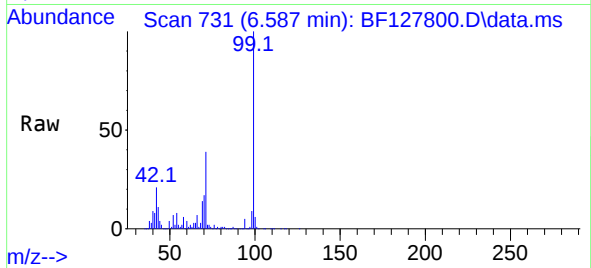
Tgt Ion:112 Resp: 784101
Ion Ratio Lower Upper
112 100
64 64.0 58.4 87.6
63 34.7 30.1 45.1





#7
Phenol-d6
Concen: 81.152 ng
RT: 6.587 min Scan# 717
Delta R.T. -0.000 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45

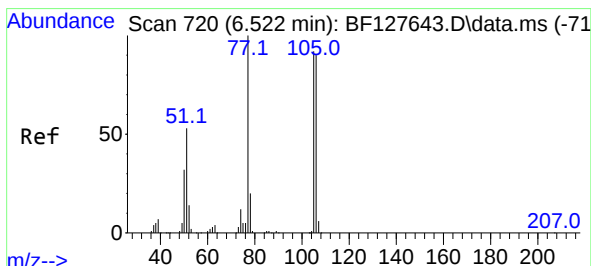
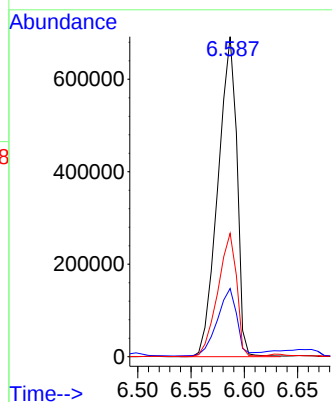
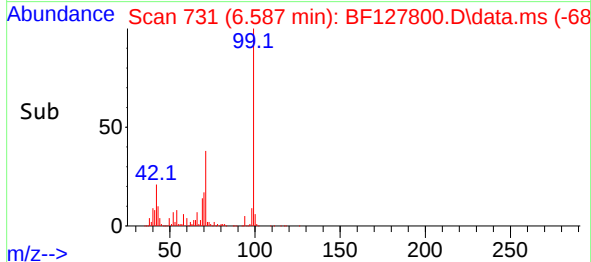
Instrument :
BNA_F
ClientSampleId :
33637-8RE



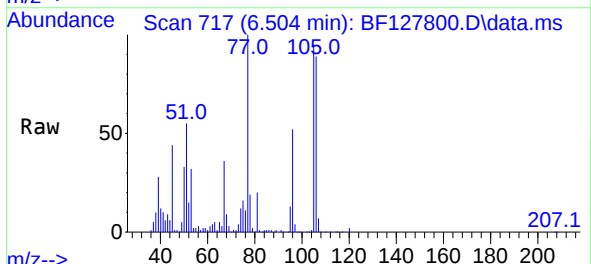
Tgt Ion: 99 Resp: 856392
Ion Ratio Lower Upper
99 100
42 21.3 17.8 26.6
71 38.5 29.6 44.4

Manual Integrations
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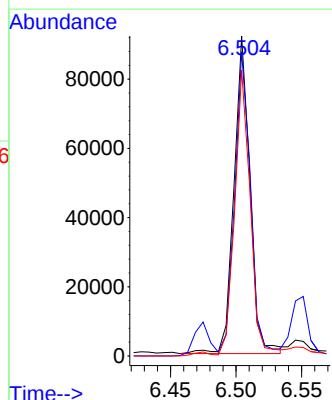
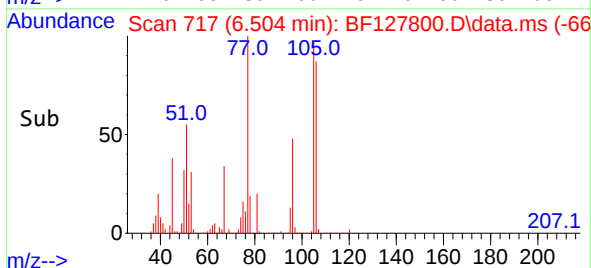
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

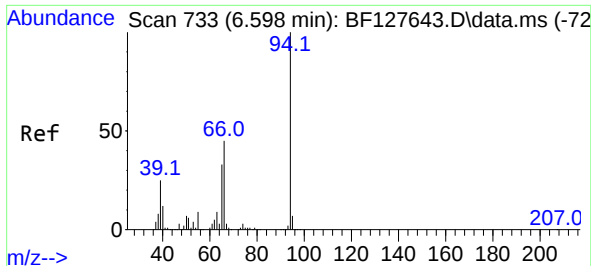


#9
Benzaldehyde
Concen: 8.740 ng
RT: 6.504 min Scan# 717
Delta R.T. -0.012 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45



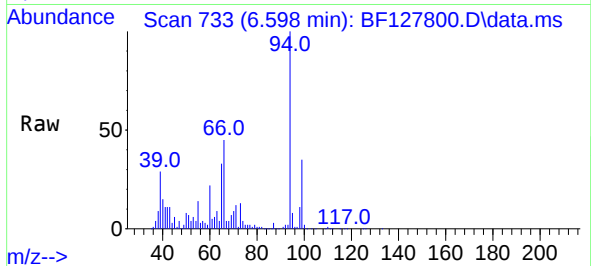
Tgt Ion: 77 Resp: 78134
Ion Ratio Lower Upper
77 100
105 95.1 66.8 106.8
106 89.3 64.3 104.3





#10
Phenol
Concen: 13.349 ng
RT: 6.598 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45

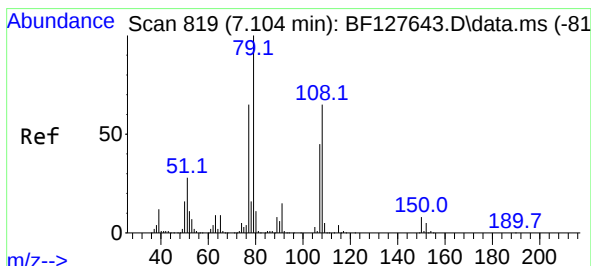
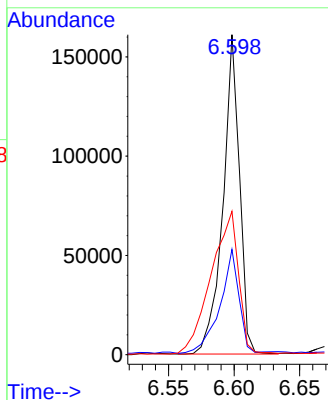
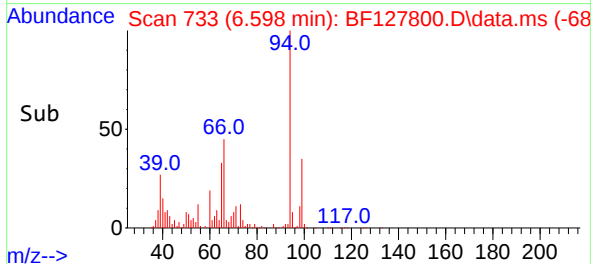
Instrument :
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ClientSampleId :
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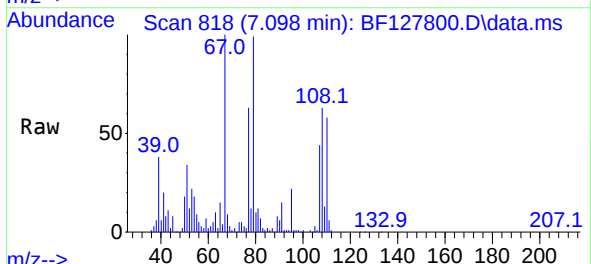
Tgt Ion: 94 Resp: 140858
Ion Ratio Lower Upper
94 100
65 32.9 13.1 53.1
66 44.8 24.9 64.9

Manual Integrations
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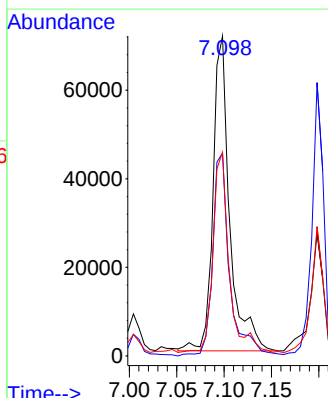
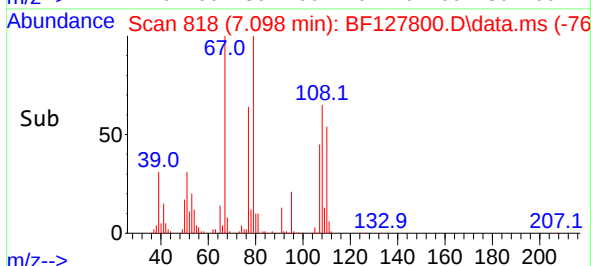
Reviewed By :Christian Giraldo 04/18/2022
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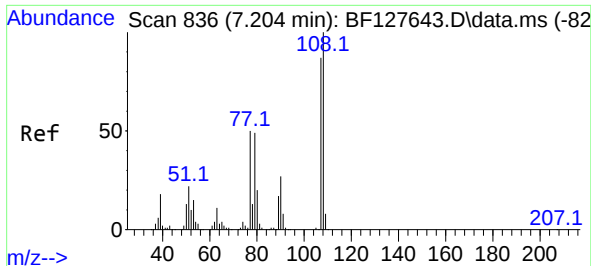


#15
Benzyl Alcohol
Concen: 9.445 ng
RT: 7.098 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45



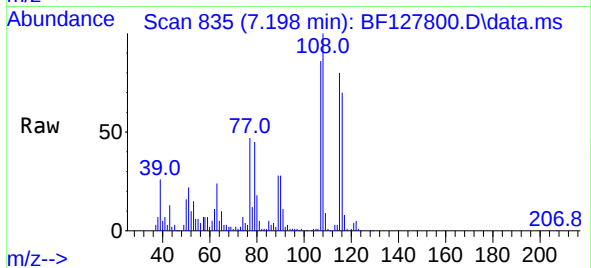
Tgt Ion: 79 Resp: 87137
Ion Ratio Lower Upper
79 100
108 63.4 52.2 78.2
77 63.6 48.3 72.5





#17
2-Methylphenol
Concen: 6.123 ng
RT: 7.198 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45

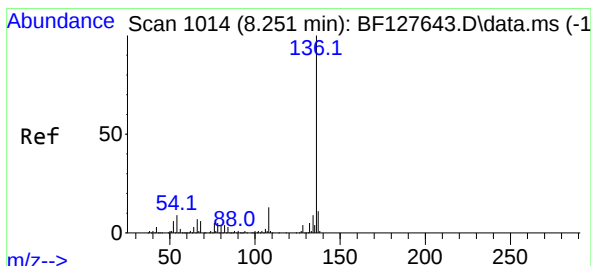
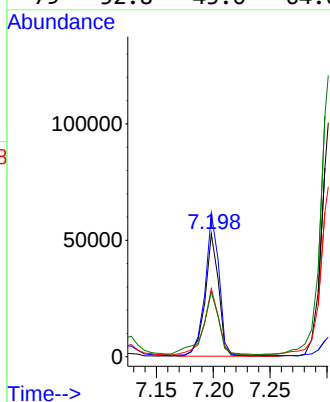
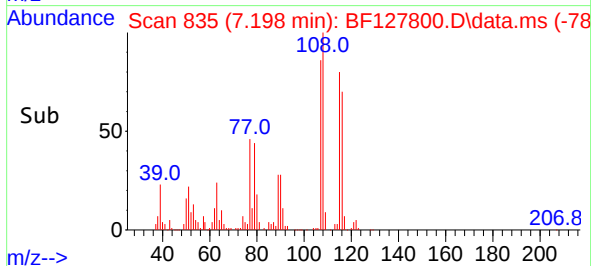
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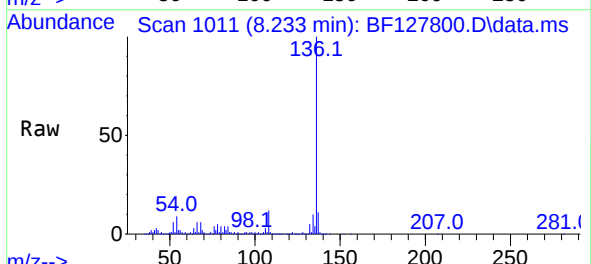
Tgt Ion:	107	Resp:	43580
Ion	Ratio	Lower	Upper
107	100		
108	116.9	90.7	136.1
77	55.3	42.9	64.3
79	52.8	43.0	64.6

Manual Integrations
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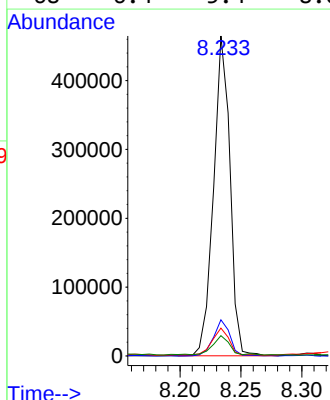
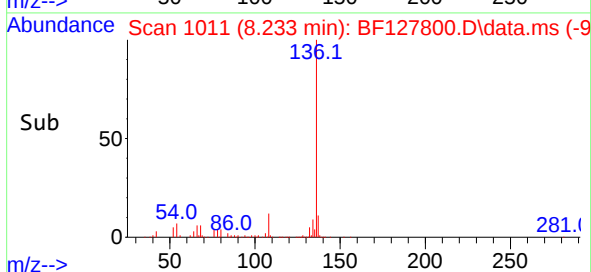
Reviewed By :Christian Giraldo 04/18/2022
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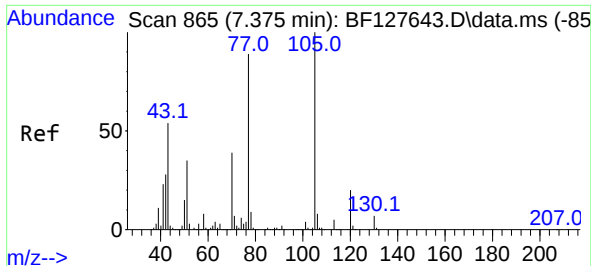


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.012 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45



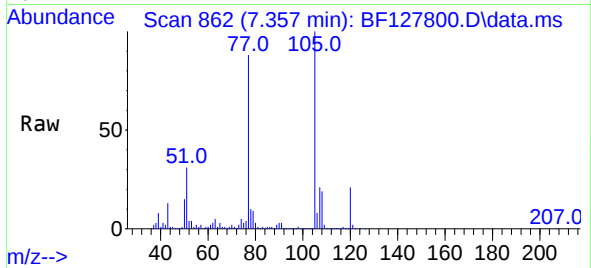
Tgt Ion:	136	Resp:	436090
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.7	9.2	13.8#
68	6.4	5.4	8.0





#22
Acetophenone
Concen: 22.301 ng
RT: 7.357 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45

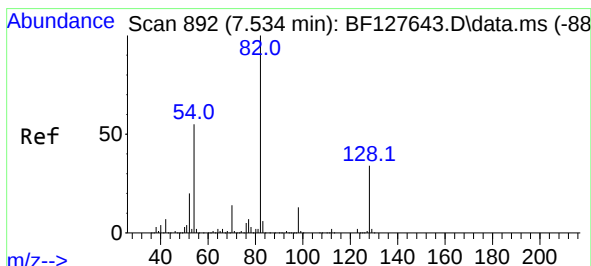
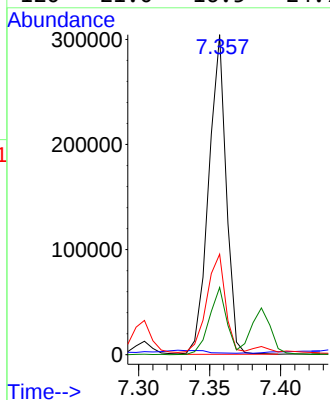
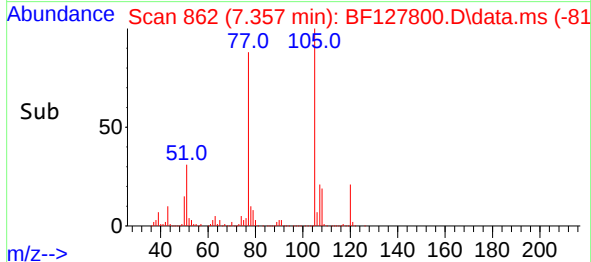
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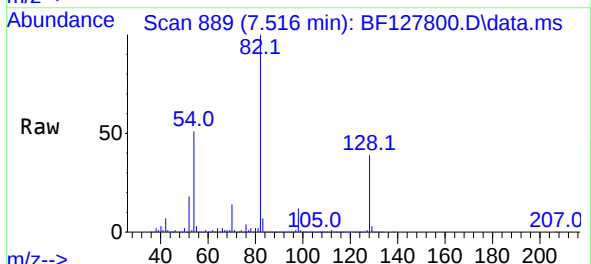
Tgt Ion:105 Resp: 261329
Ion Ratio Lower Upper
105 100
71 0.5 7.3 10.9
51 31.4 38.8 58.2
120 21.0 16.5 24.7

Manual Integrations
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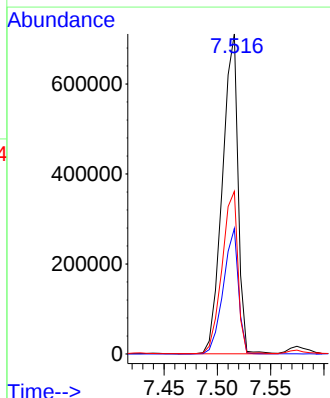
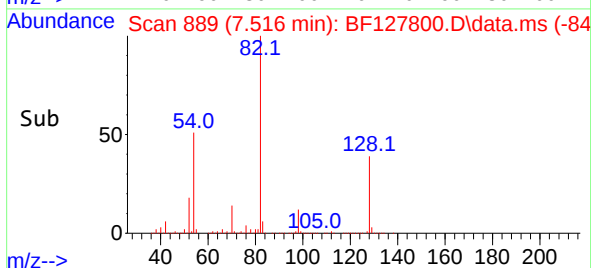
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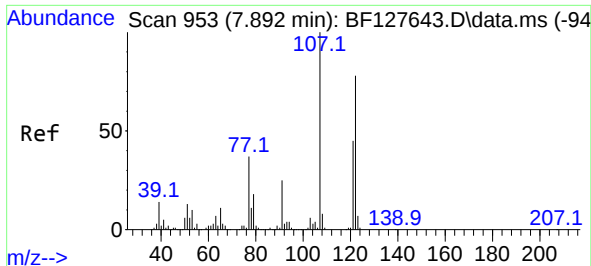


#23
Nitrobenzene-d5
Concen: 73.992 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45



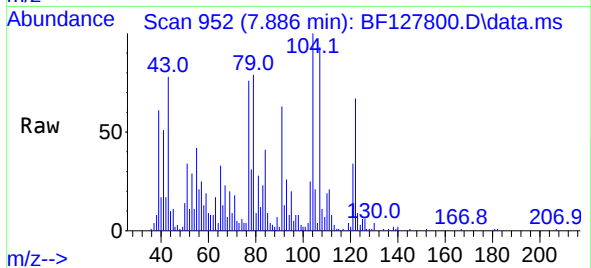
Tgt Ion: 82 Resp: 723781
Ion Ratio Lower Upper
82 100
128 39.2 30.6 45.8
54 50.8 48.2 72.2





#27
2,4-Dimethylphenol
Concen: 2.827 ng
RT: 7.886 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45

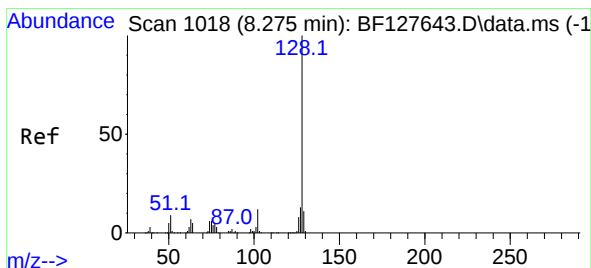
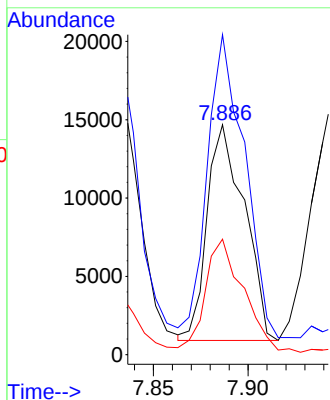
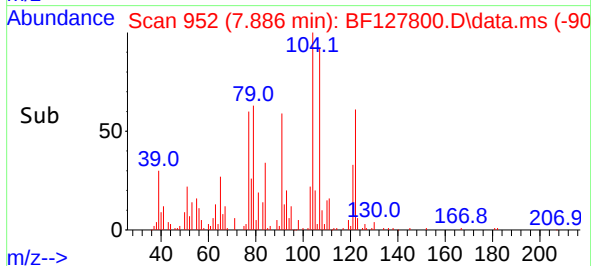
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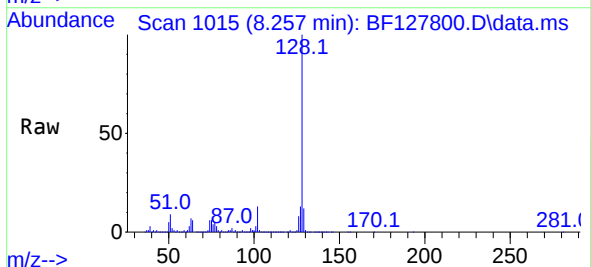
Tgt Ion:122 Resp: 18860
Ion Ratio Lower Upper
122 100
107 139.1 93.0 139.4
121 50.2 44.9 67.3

Manual Integrations
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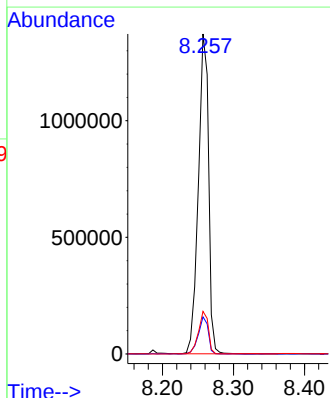
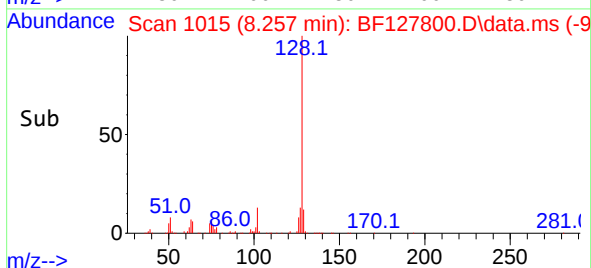
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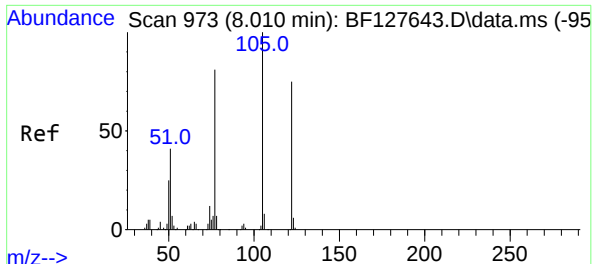


#31
Naphthalene
Concen: 60.411 ng
RT: 8.257 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45



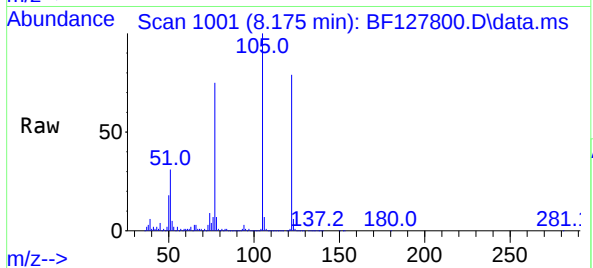
Tgt Ion:128 Resp: 1380471
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.3 10.2 15.2





#32
Benzoic acid
Concen: 437.968 ng m
RT: 8.175 min Scan# 10
Delta R.T. 0.159 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45

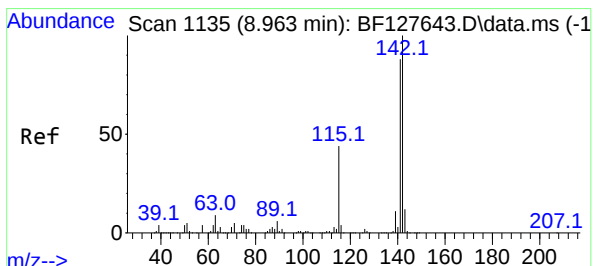
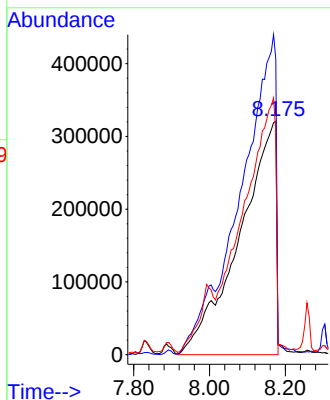
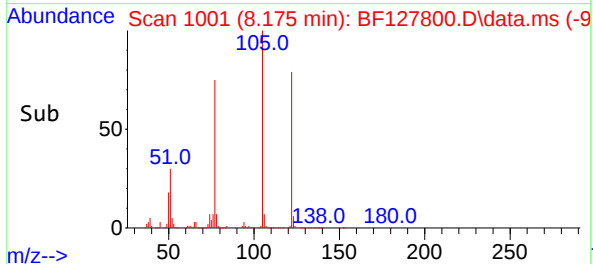
Instrument :
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Tgt Ion:122 Resp: 2119984
Ion Ratio Lower Upper
122 100
105 126.6 117.1 157.1
77 95.3 93.0 133.0

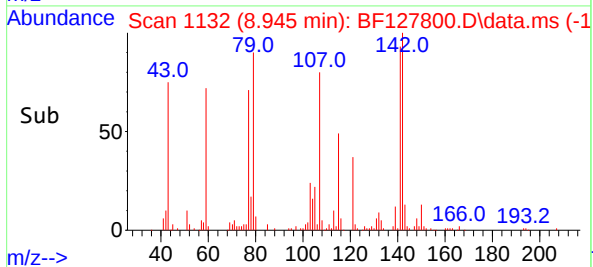
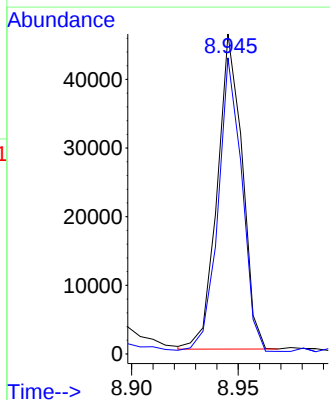
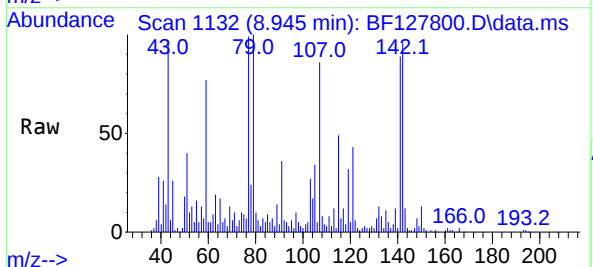
Manual Integrations
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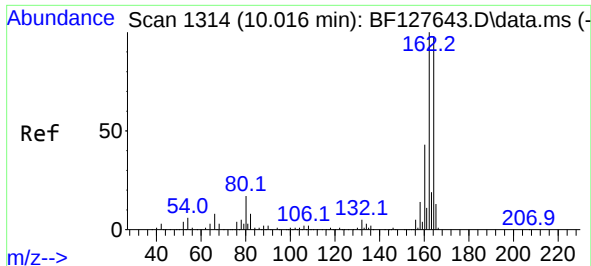
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022



#37
2-Methylnaphthalene
Concen: 2.449 ng
RT: 8.945 min Scan# 1132
Delta R.T. -0.012 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45

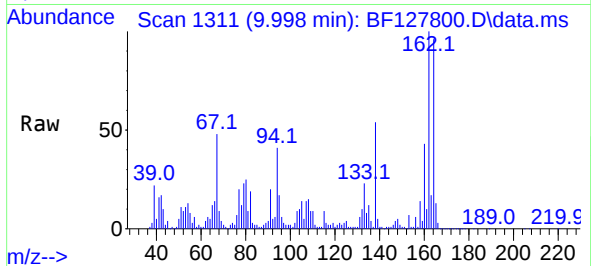
Tgt Ion:142 Resp: 37429
Ion Ratio Lower Upper
142 100
141 92.5 70.6 106.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45

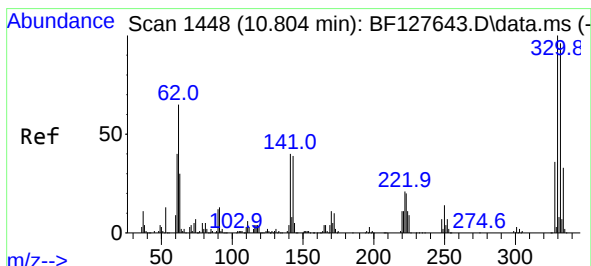
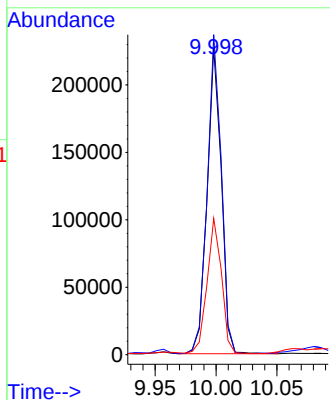
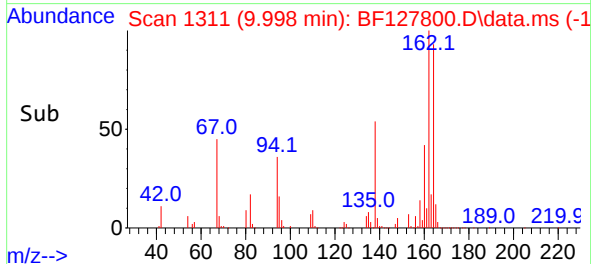
Instrument :
BNA_F
ClientSampleId :
33637-8RE



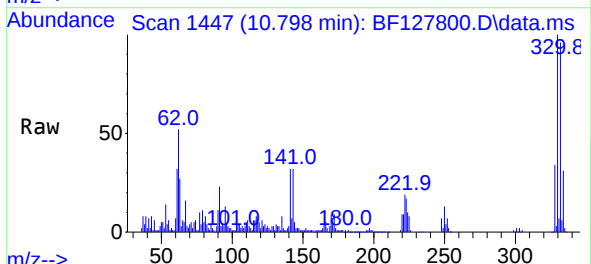
Tgt Ion:164 Resp: 183452
Ion Ratio Lower Upper
164 100
162 104.3 81.2 121.8
160 44.4 34.6 52.0

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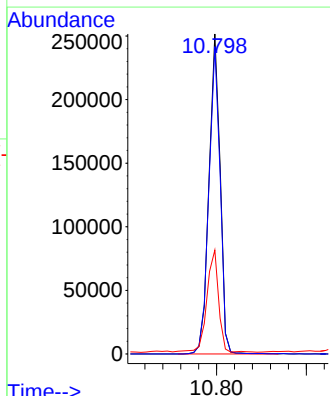
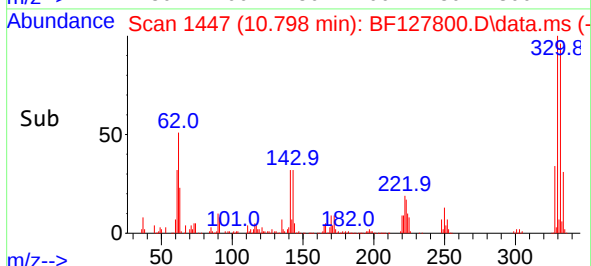
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

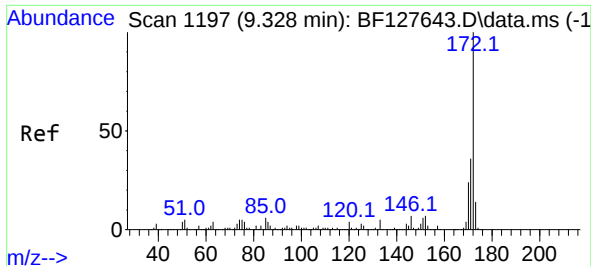


#42
2,4,6-Tribromophenol
Concen: 111.147 ng
RT: 10.798 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45



Tgt Ion:330 Resp: 216982
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 32.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 91.210 ng

RT: 9.310 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF127800.D

Acq: 15 Apr 2022 12:45

Instrument :

BNA_F

ClientSampleId :

33637-8RE

Tgt Ion:172 Resp: 1182799

Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

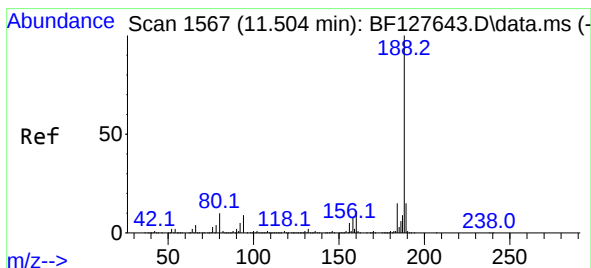
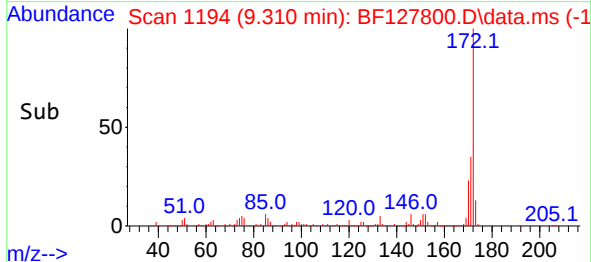
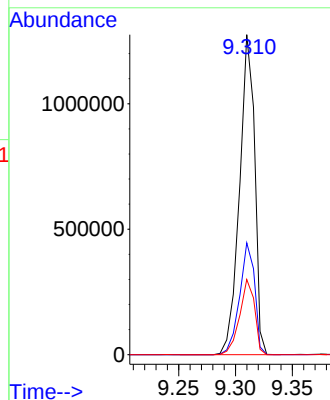
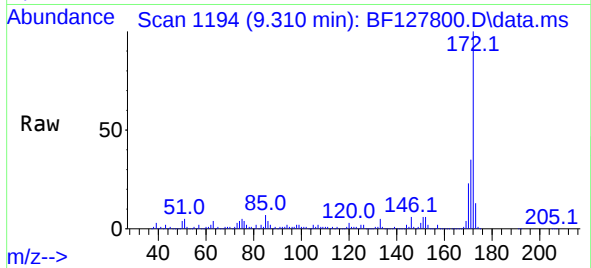
170 23.5 18.6 27.8

Manual Integrations

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Reviewed By :Christian Giraldo 04/18/2022

Supervised By :Jagrut Upadhyay 04/18/2022



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF127800.D

Acq: 15 Apr 2022 12:45

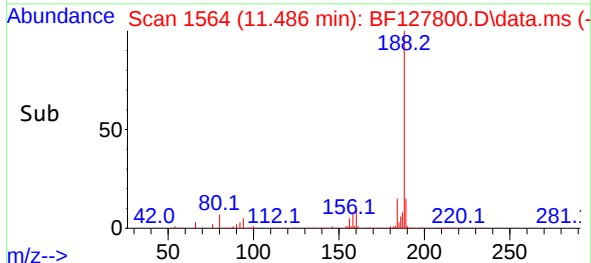
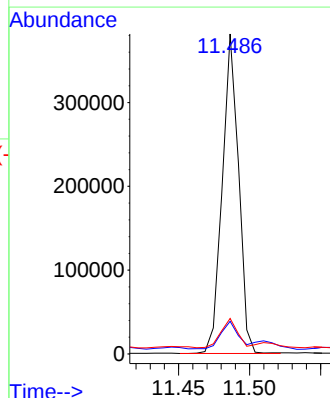
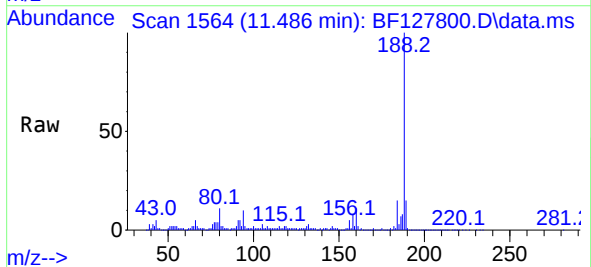
Tgt Ion:188 Resp: 303888

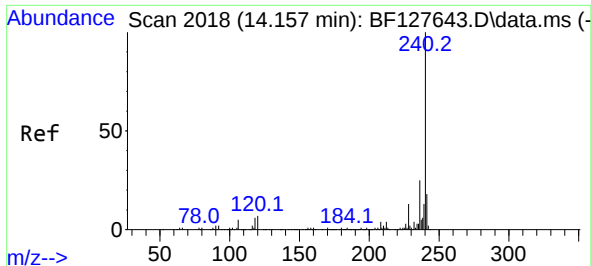
Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.0

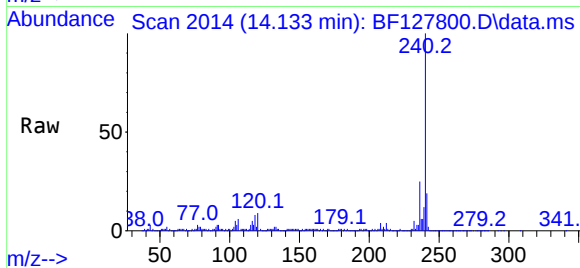
80 11.1 8.0 12.0





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45

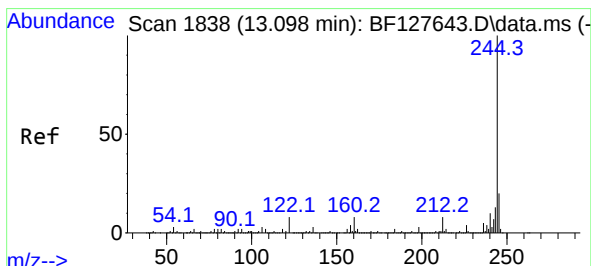
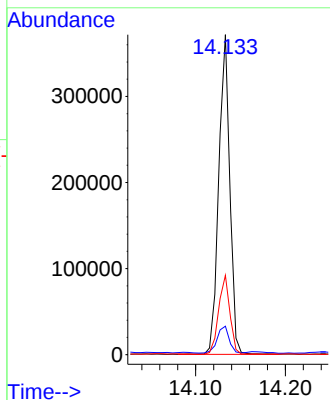
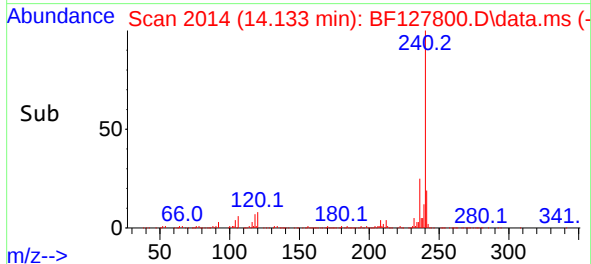
Instrument :
BNA_F
ClientSampleId :
33637-8RE



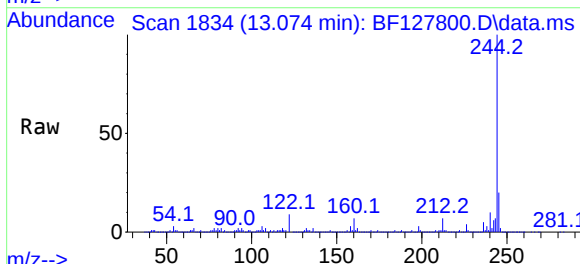
Tgt Ion:240 Resp: 31645
Ion Ratio Lower Upper
240 100
120 8.9 7.1 10.7
236 24.8 20.7 31.1

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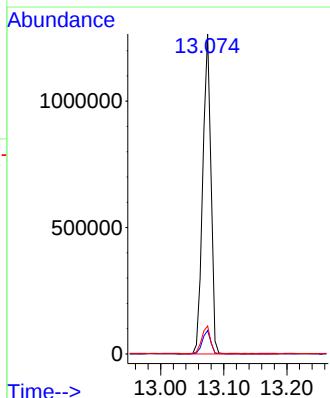
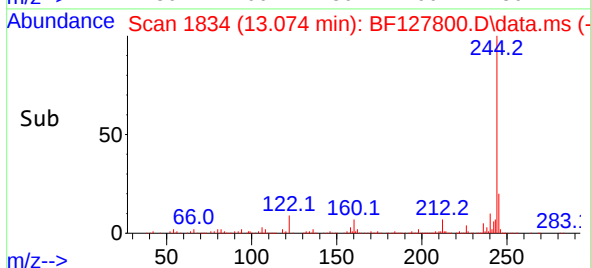
Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

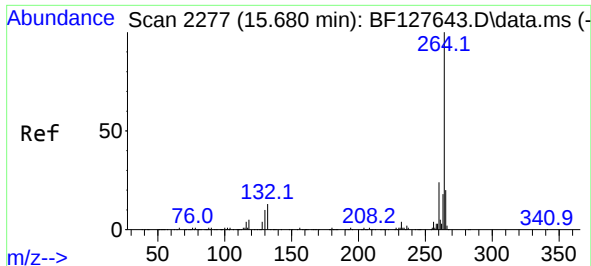


#79
Terphenyl-d14
Concen: 59.428 ng
RT: 13.074 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45



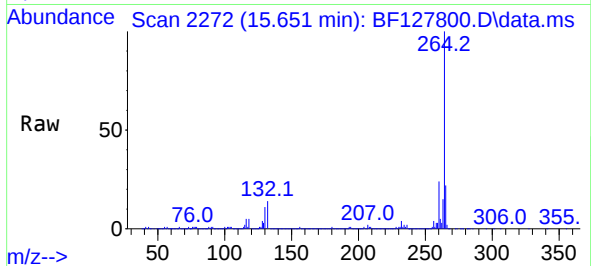
Tgt Ion:244 Resp: 1139363
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 8.8 6.2 9.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.651 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127800.D
Acq: 15 Apr 2022 12:45

Instrument :
BNA_F
ClientSampleId :
33637-8RE



Tgt Ion:264 Resp: 35105
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 22.1 17.4 26.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 04/18/2022
Supervised By :Jagrut Upadhyay 04/18/2022

