

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
 Data File : BP009015.D
 Acq On : 02 Feb 2022 19:57
 Operator : CG/JU
 Sample : N1359-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUP020122

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2022
 Supervised By : Jagrut Upadhyay 02/04/2022

Quant Time: Feb 03 06:26:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 03 06:20:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	185650	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	726379	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	495814	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1065614	20.000	ng	-0.01
76) Chrysene-d12	21.310	240	1161499	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1232426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	670014	55.810	ng	0.00
7) Phenol-d6	7.011	99	493036	33.915	ng	0.00
23) Nitrobenzene-d5	8.987	82	1086326	84.907	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	950722	131.732	ng	-0.01
45) 2-Fluorobiphenyl	13.087	172	2929533	77.918	ng	0.00
79) Terphenyl-d14	19.780	244	4346053	63.159	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.675	128	2333544	59.148	ng	# 95
37) 2-Methylnaphthalene	12.287	142	2420144	83.913	ng	96
38) 1-Methylnaphthalene	12.504	142	1771442m	66.916	ng	
71) Phenanthrene	17.263	178	189038	3.151	ng	99
75) Fluoranthene	19.233	202	194570	2.916	ng	97
78) Pyrene	19.586	202	171395	2.115	ng	98

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

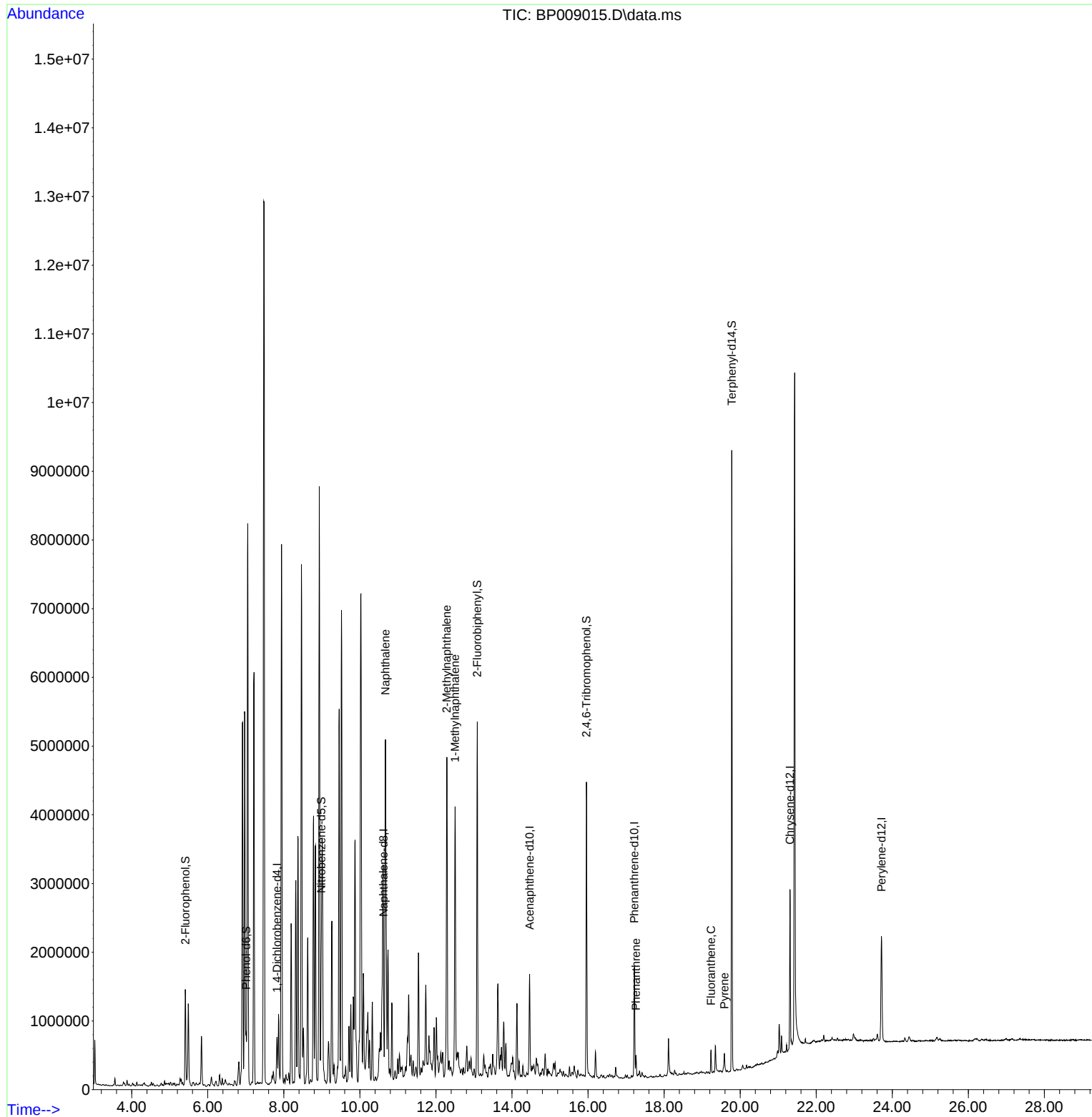
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020222\
Data File : BP009015.D
Acq On : 02 Feb 2022 19:57
Operator : CG/JU
Sample : N1359-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

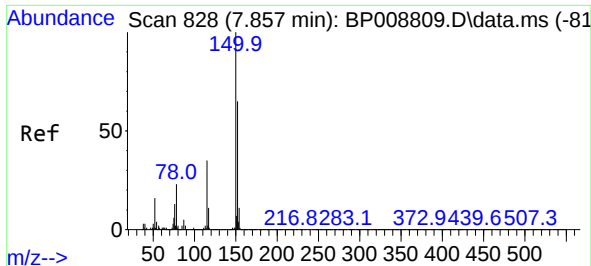
Instrument :
BNA_P
ClientSampleId :
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Quant Time: Feb 03 06:26:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 03 06:20:22 2022
Response via : Initial Calibration

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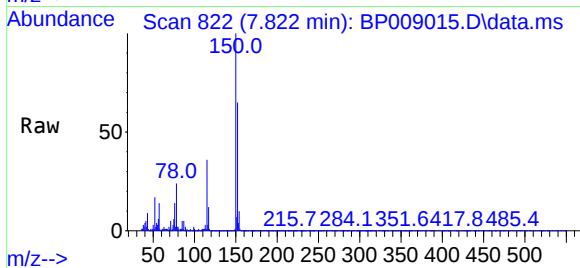
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

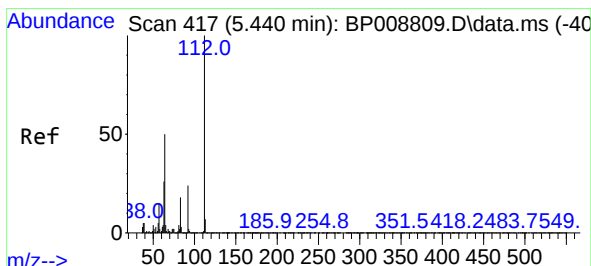
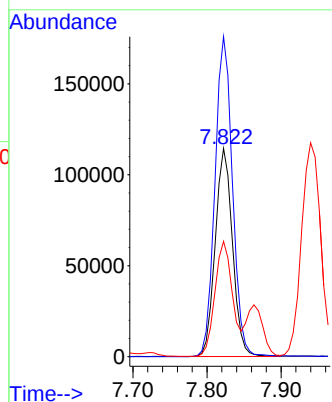
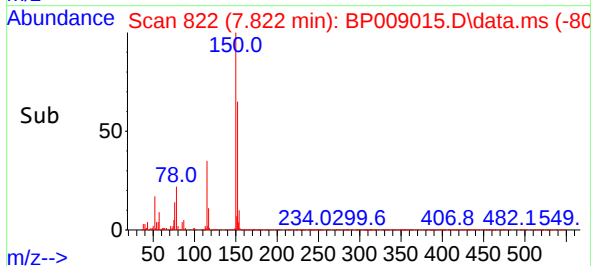
Instrument :
BNA_P
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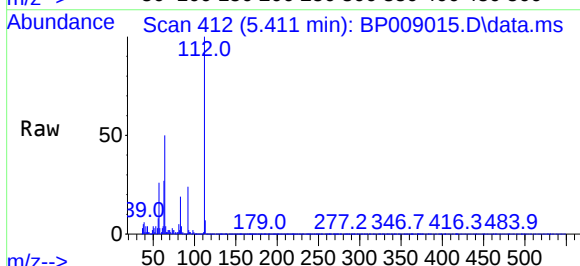
Tgt Ion:152 Resp: 185650
Ion Ratio Lower Upper
152 100
150 153.6 127.0 190.6
115 55.4 43.7 65.5

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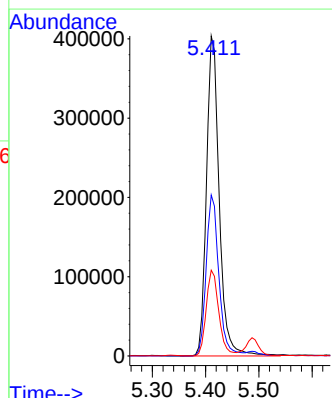
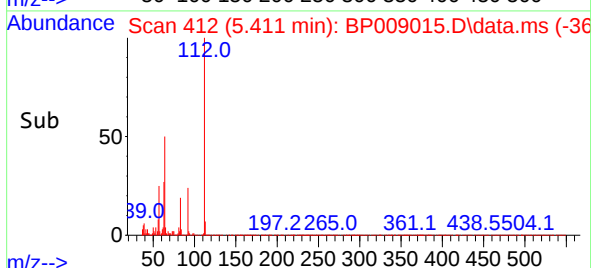
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

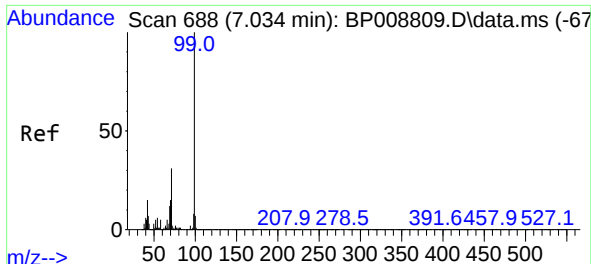


#5
2-Fluorophenol
Concen: 55.810 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57



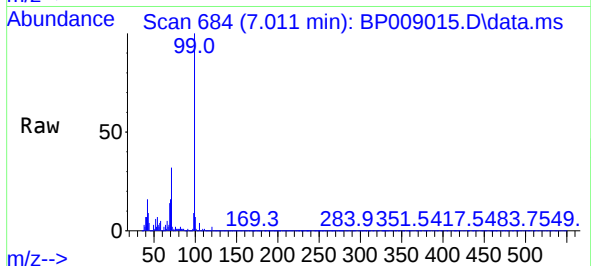
Tgt Ion:112 Resp: 670014
Ion Ratio Lower Upper
112 100
64 50.3 39.7 59.5
63 26.8 20.0 30.0





#7
Phenol-d6
Concen: 33.915 ng
RT: 7.011 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

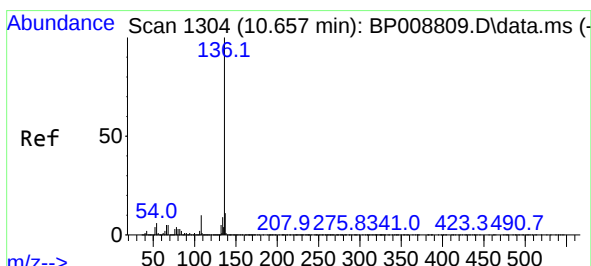
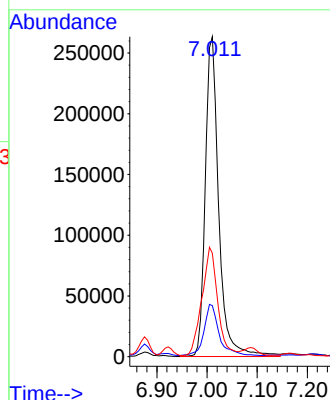
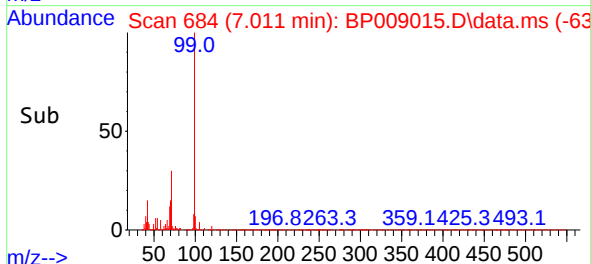
Instrument :
BNA_P
ClientSampleId :
DUP020122



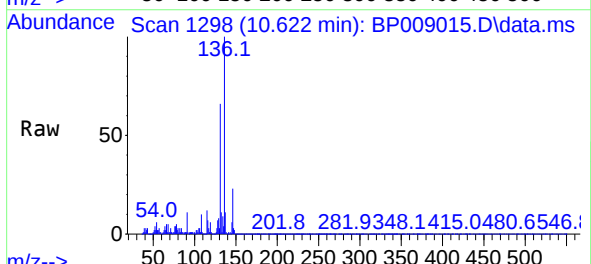
Tgt Ion: 99 Resp: 493030
Ion Ratio Lower Upper
99 100
42 15.9 10.8 16.2
71 32.3 23.8 35.6

Manual Integrations
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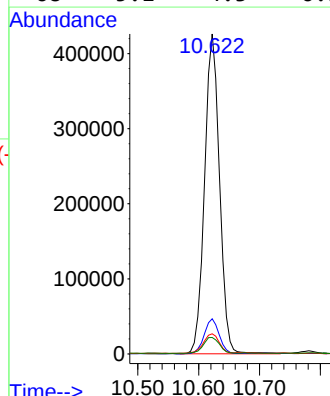
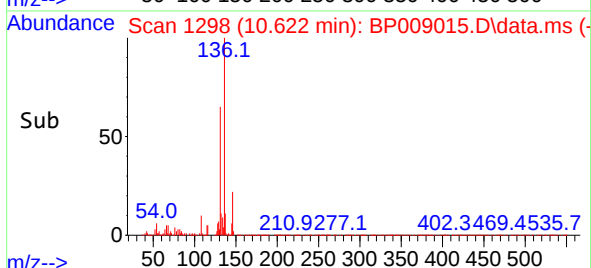
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

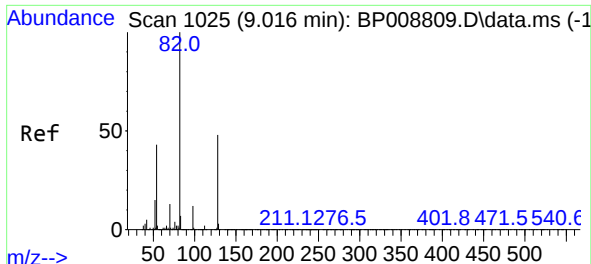


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57



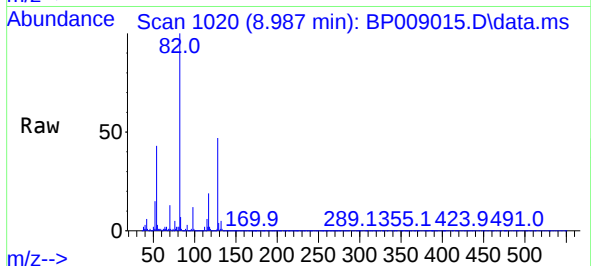
Tgt Ion:136 Resp: 726379
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.3 4.9 7.3
68 5.1 4.3 6.5





#23
Nitrobenzene-d5
Concen: 84.907 ng
RT: 8.987 min Scan# 10
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

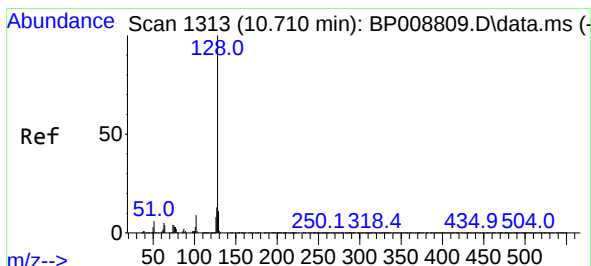
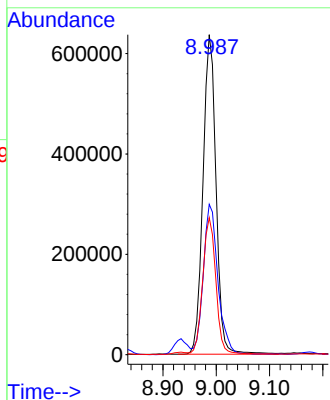
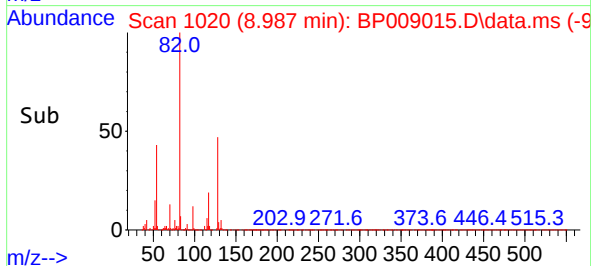
Instrument :
BNA_P
ClientSampleId :
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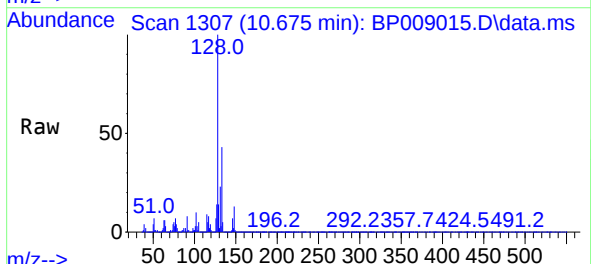
Tgt Ion: 82 Resp: 1086320
Ion Ratio Lower Upper
82 100
128 47.0 39.4 59.2
54 42.8 32.6 48.8

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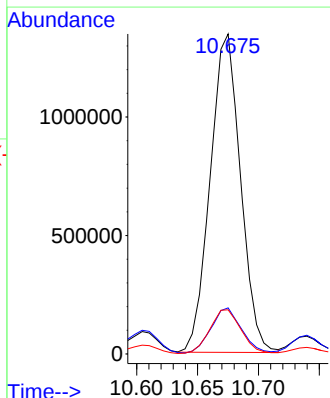
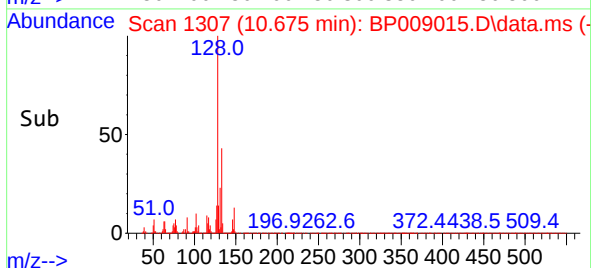
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

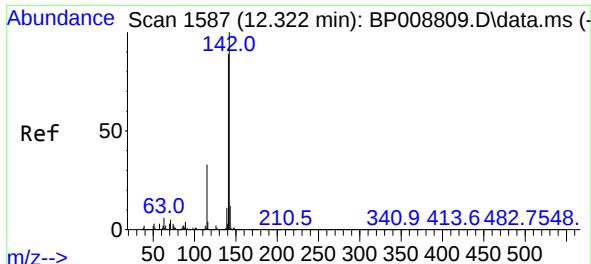


#31
Naphthalene
Concen: 59.148 ng
RT: 10.675 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57



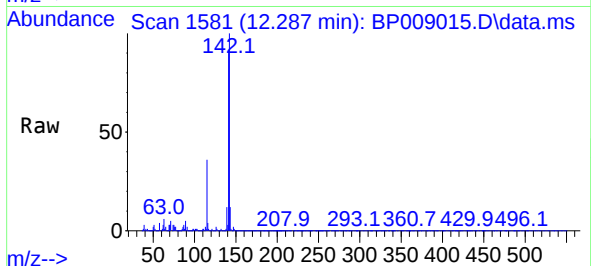
Tgt Ion:128 Resp: 2333544
Ion Ratio Lower Upper
128 100
129 14.4 8.8 13.2#
127 13.8 10.4 15.6





#37
2-Methylnaphthalene
Concen: 83.913 ng
RT: 12.287 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

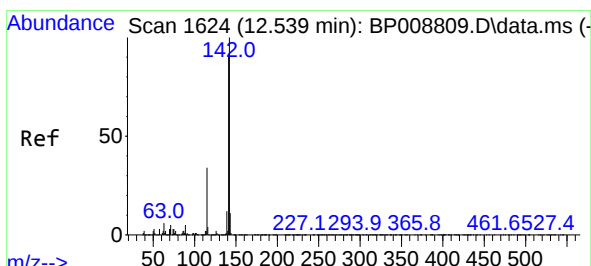
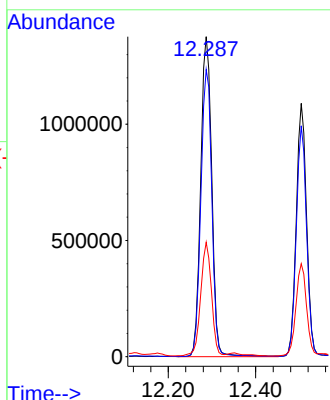
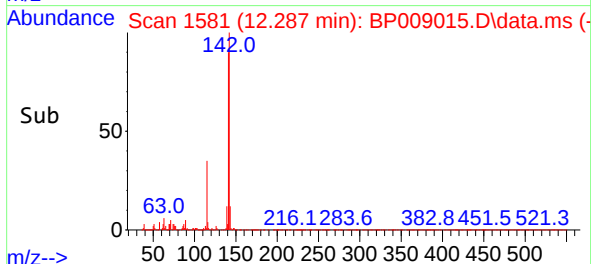
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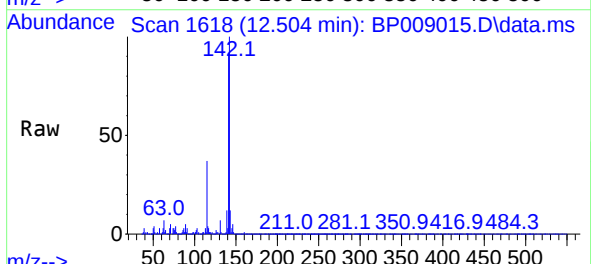
Tgt Ion:142 Resp: 2420144
Ion Ratio Lower Upper
142 100
141 89.7 70.5 105.7
115 35.8 24.6 36.8

Manual Integrations
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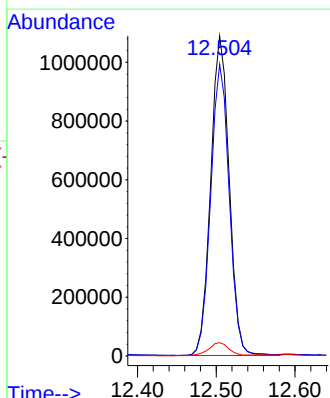
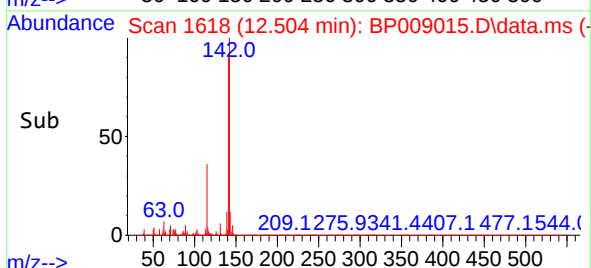
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

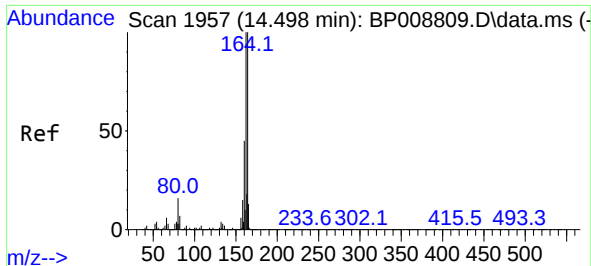


#38
1-Methylnaphthalene
Concen: 66.916 ng m
RT: 12.504 min Scan# 1618
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57



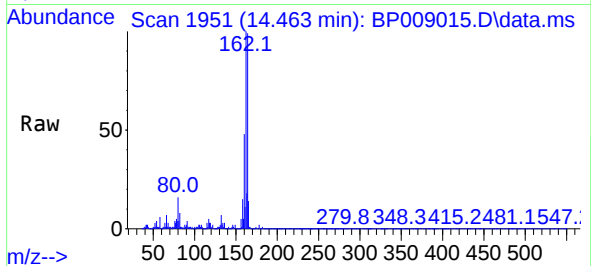
Tgt Ion:142 Resp: 1771442
Ion Ratio Lower Upper
142 100
141 91.1 73.2 109.8
116 4.1 2.7 4.1#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

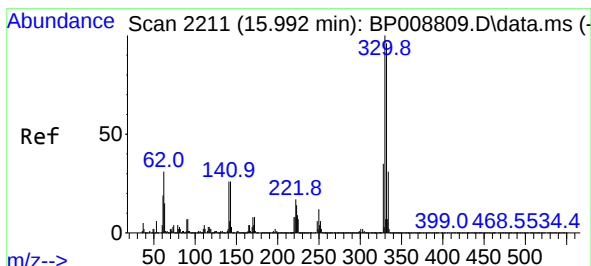
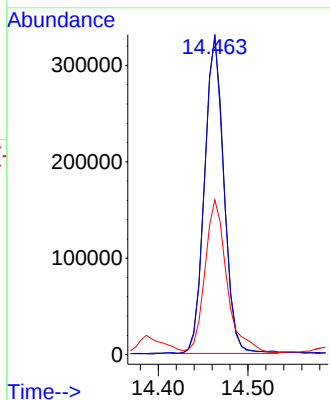
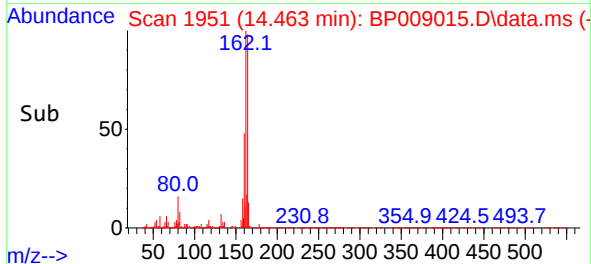
Instrument :
BNA_P
ClientSampleId :
DUP020122



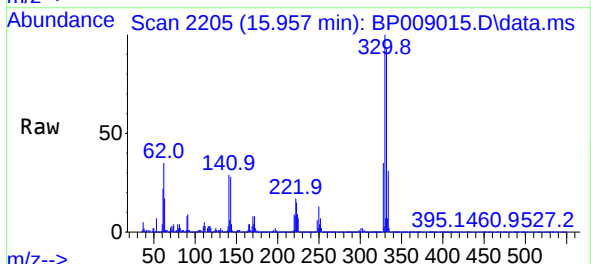
Tgt Ion:164 Resp: 495814
Ion Ratio Lower Upper
164 100
162 100.8 79.9 119.9
160 48.8 35.5 53.3

Manual Integrations
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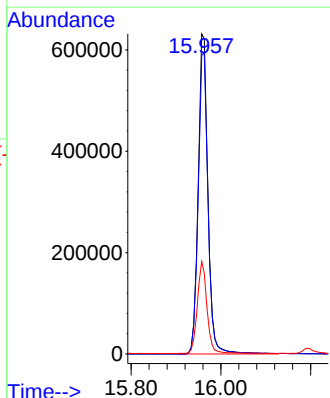
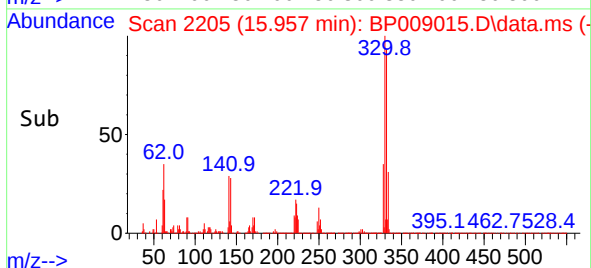
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

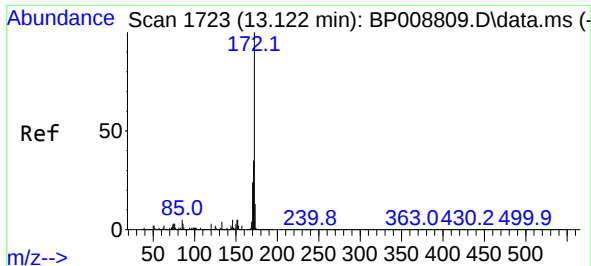


#42
2,4,6-Tribromophenol
Concen: 131.732 ng
RT: 15.957 min Scan# 2205
Delta R.T. -0.012 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57



Tgt Ion:330 Resp: 950722
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.4
141 28.5 21.3 31.9





#45
2-Fluorobiphenyl
Concen: 77.918 ng
RT: 13.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Instrument :

BNA_P

ClientSampleId :

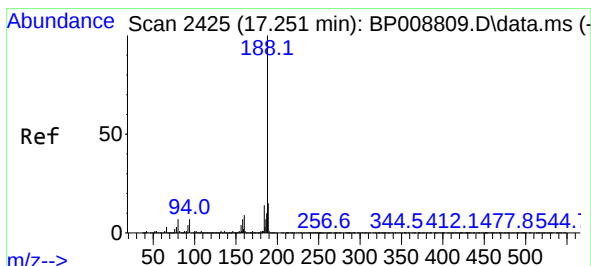
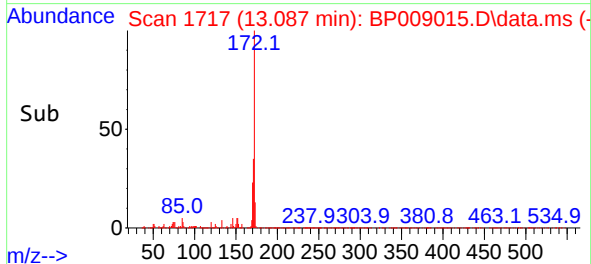
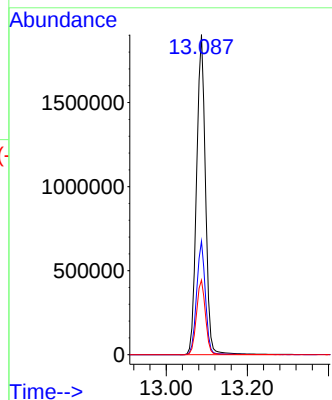
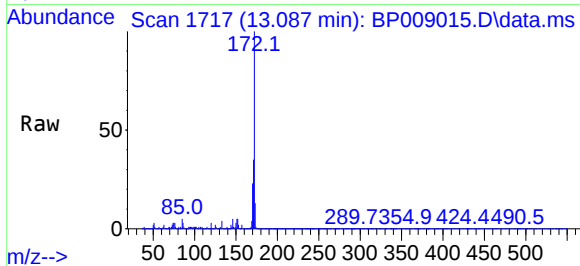
DUP020122

Tgt Ion:172 Resp: 292953
Ion Ratio Lower Upper
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171 35.4 29.3 43.9
170 23.3 19.5 29.3

Manual Integrations

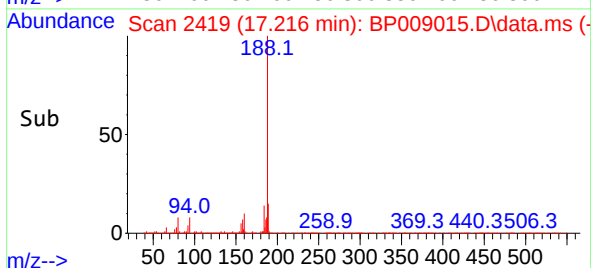
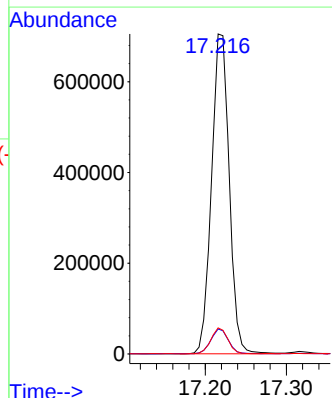
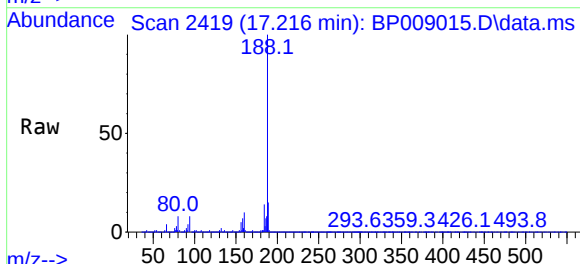
APPROVED

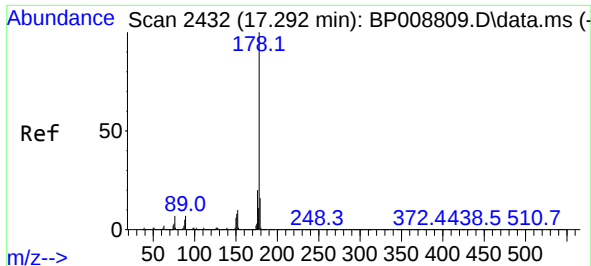
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.012 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion:188 Resp: 1065614
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.2 7.2 10.8





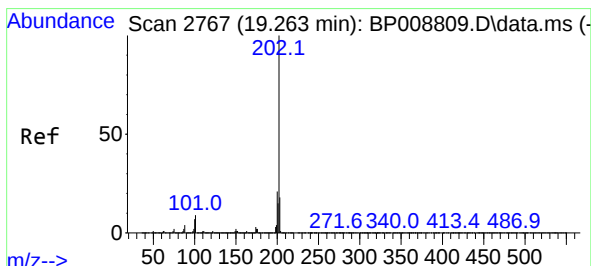
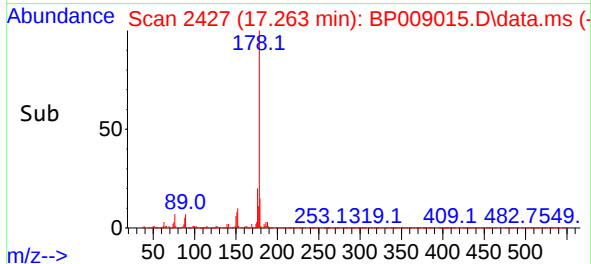
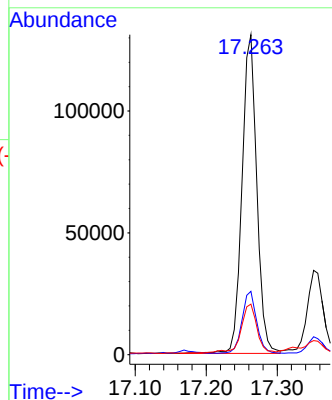
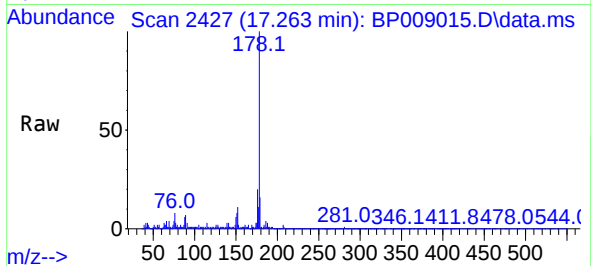
#71
Phenanthrene
Concen: 3.151 ng
RT: 17.263 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Instrument :
BNA_P
ClientSampleId :
DUP020122

Tgt Ion:178 Resp: 189038
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 15.8 13.0 19.4

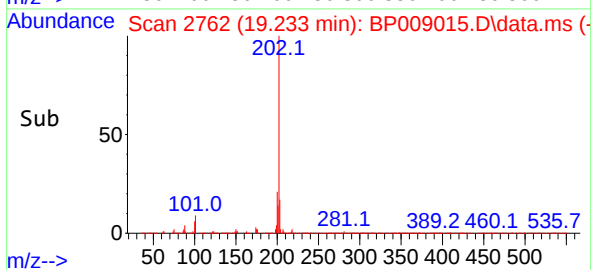
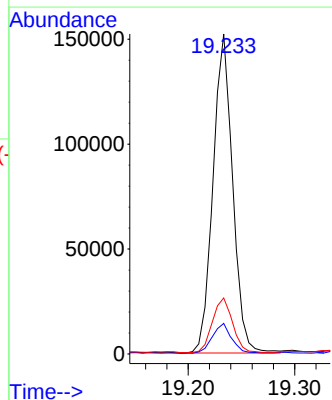
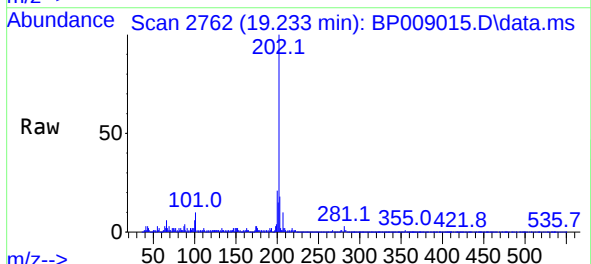
Manual Integrations
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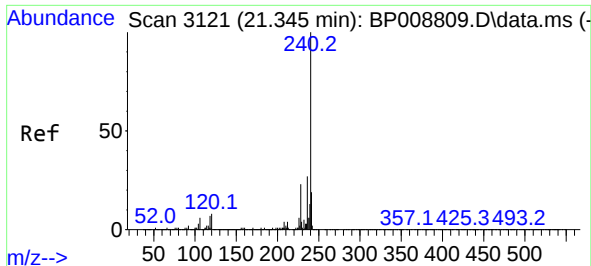
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#75
Fluoranthene
Concen: 2.916 ng
RT: 19.233 min Scan# 2762
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

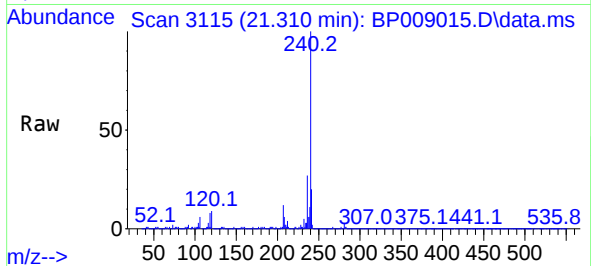
Tgt Ion:202 Resp: 194570
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.7
203 17.5 0.0 38.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.012 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

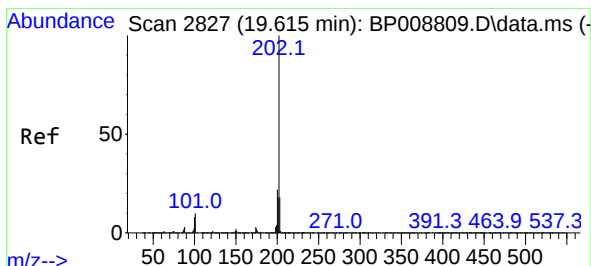
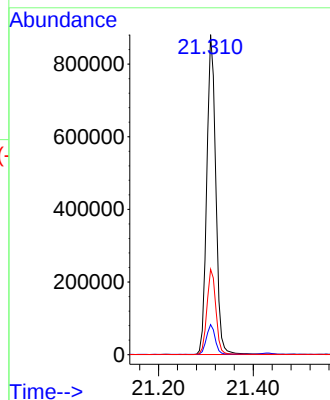
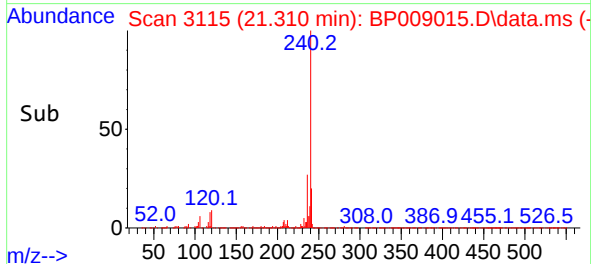
Instrument :
BNA_P
ClientSampleId :
DUP020122



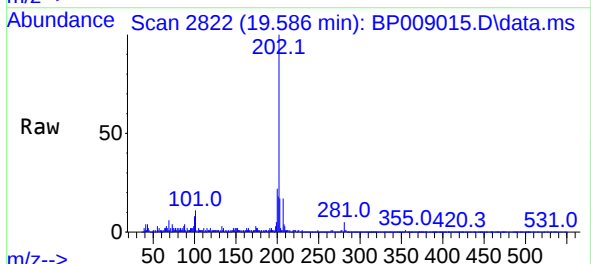
Tgt Ion:240 Resp: 1161499
Ion Ratio Lower Upper
240 100
120 9.4 7.7 11.5
236 26.7 21.2 31.8

Manual Integrations
APPROVED

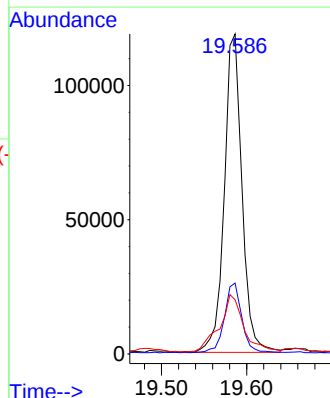
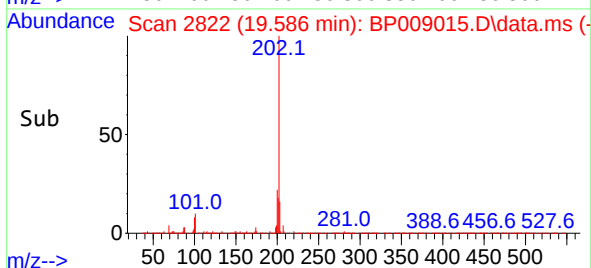
Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022

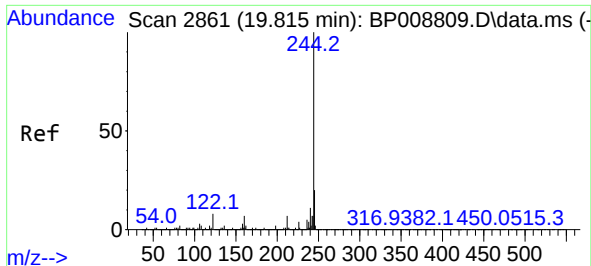


#78
Pyrene
Concen: 2.115 ng
RT: 19.586 min Scan# 2822
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57



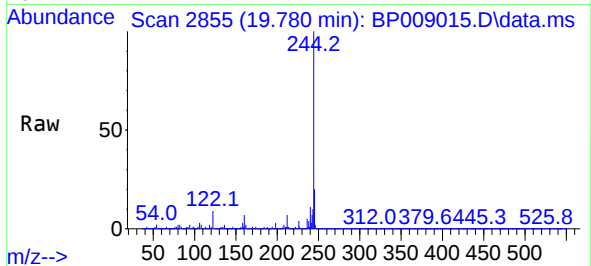
Tgt Ion:202 Resp: 171395
Ion Ratio Lower Upper
202 100
200 22.2 18.0 27.0
203 16.9 15.0 22.6





#79
Terphenyl-d14
Concen: 63.159 ng
RT: 19.780 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

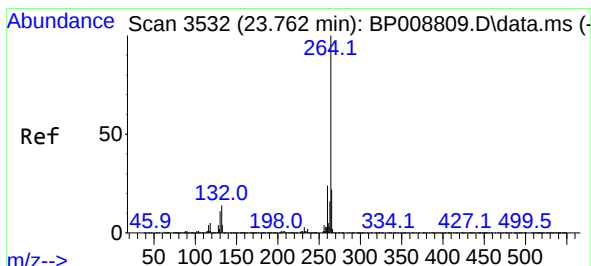
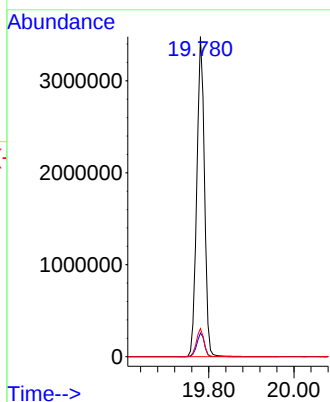
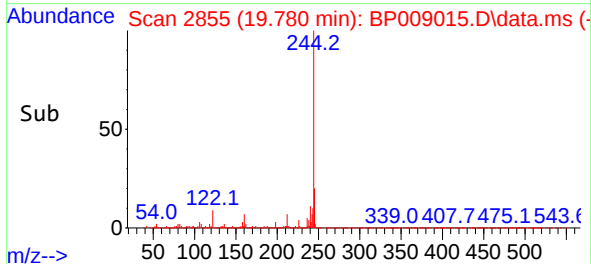
Instrument :
BNA_P
ClientSampleId :
DUP020122



Tgt Ion:244 Resp: 434605
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 8.8 9.2 13.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/03/2022
Supervised By :Jagrut Upadhyay 02/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3524
Delta R.T. -0.006 min
Lab File: BP009015.D
Acq: 02 Feb 2022 19:57

Tgt Ion:264 Resp: 1232426
Ion Ratio Lower Upper
264 100
260 24.8 19.1 28.7
265 22.1 17.1 25.7

