

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009085.D
 Acq On : 09 Feb 2022 19:10
 Operator : CG/JU
 Sample : N1387-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 27116

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

Quant Time: Feb 10 01:45:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	248545	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	985864	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	676644	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1298921	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1044258	20.000	ng	# 0.00
86) Perylene-d12	23.704	264	1136376	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1359280	97.555	ng	0.00
7) Phenol-d6	6.993	99	1715425	93.435	ng	0.00
23) Nitrobenzene-d5	8.963	82	1076060	61.553	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1053296	116.587	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	3095775	64.048	ng	0.00
79) Terphenyl-d14	19.775	244	3880926	66.834	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.251	178	251694	3.579	ng	# 96
75) Fluoranthene	19.222	202	627083	7.955	ng	97
78) Pyrene	19.575	202	608801	8.196	ng	98
81) Benzo(a)anthracene	21.286	228	345616	5.136	ng	99
83) Chrysene	21.339	228	331447	5.109	ng	98
84) Bis(2-ethylhexyl)phtha...	21.210	149	134903	3.993	ng	99
87) Indeno(1,2,3-cd)pyrene	26.204	276	281777	3.337	ng	# 92
88) Benzo(b)fluoranthene	22.974	252	494850m	7.074	ng	
89) Benzo(k)fluoranthene	23.016	252	159881m	2.291	ng	
90) Benzo(a)pyrene	23.598	252	358163	6.141	ng	95
92) Benzo(g,h,i)perylene	26.974	276	287770	4.165	ng	99

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

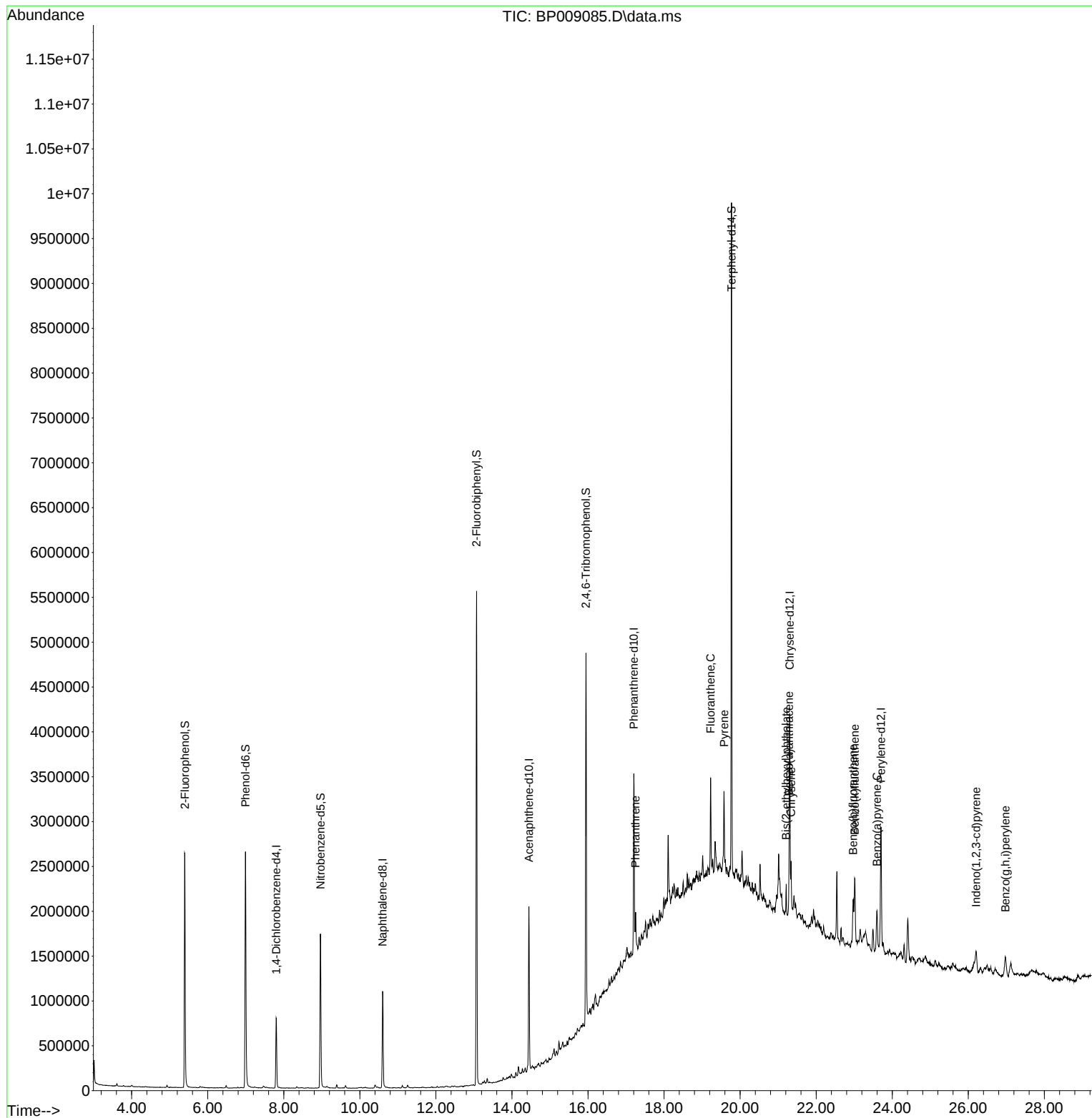
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
Data File : BP009085.D
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Operator : CG/JU
Sample : N1387-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

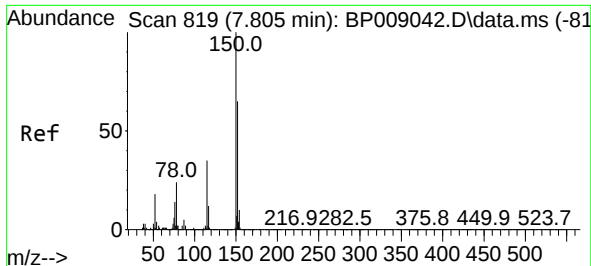
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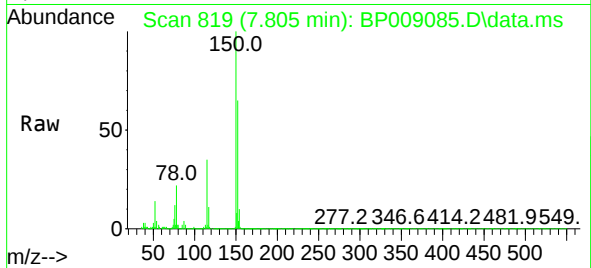
Quant Time: Feb 10 01:45:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

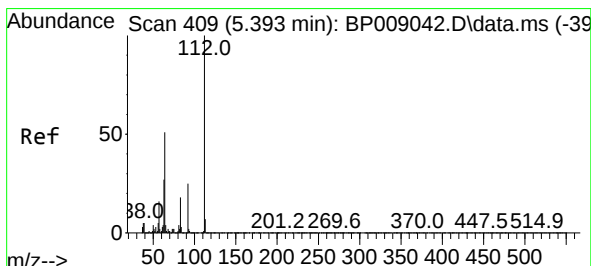
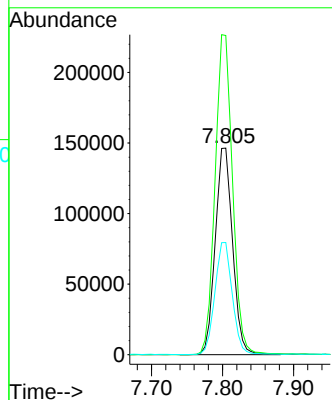
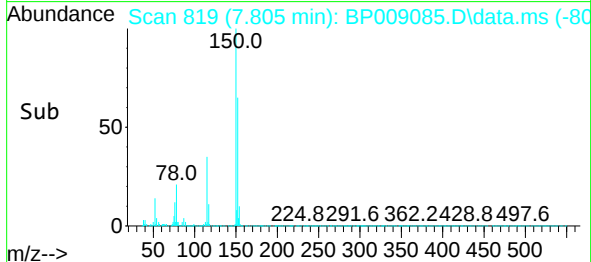
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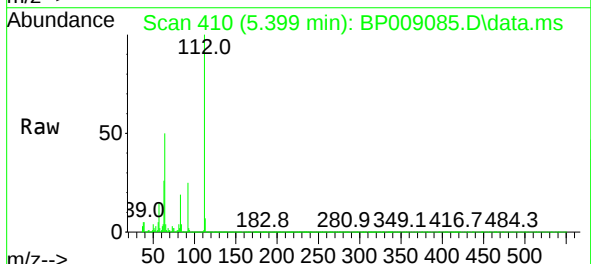
Tgt Ion:152 Resp: 24854
Ion Ratio Lower Upper
152 100
150 154.6 127.0 190.6
115 54.4 43.7 65.5

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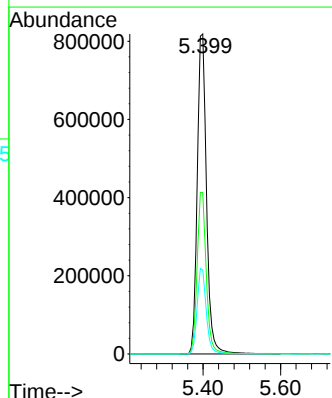
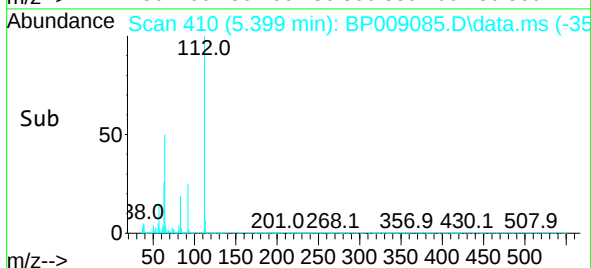
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

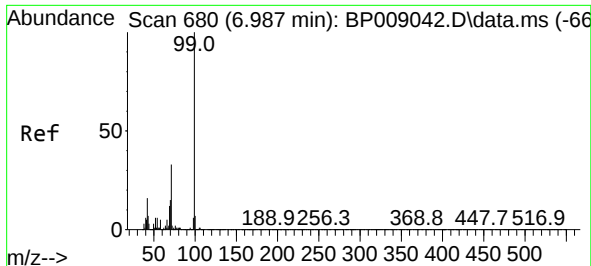


#5
2-Fluorophenol
Concen: 97.555 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10



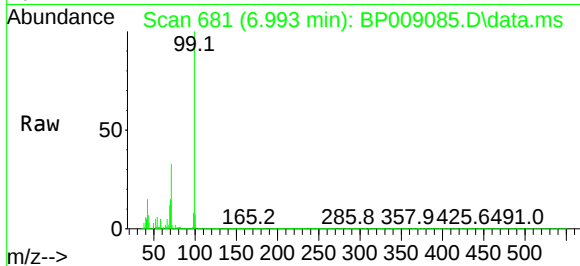
Tgt Ion:112 Resp: 1359280
Ion Ratio Lower Upper
112 100
64 50.4 39.7 59.5
63 26.3 20.0 30.0





#7
Phenol-d6
Concen: 93.435 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

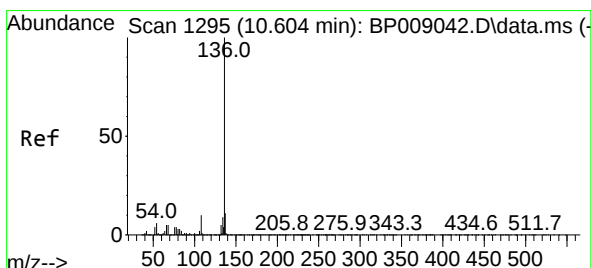
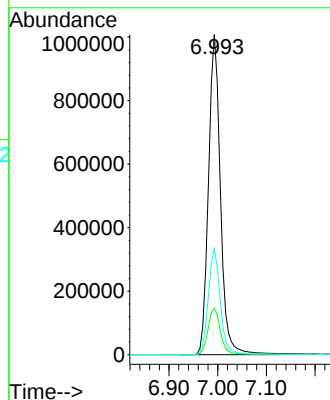
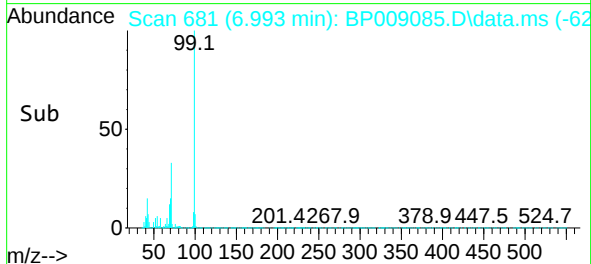
Instrument :
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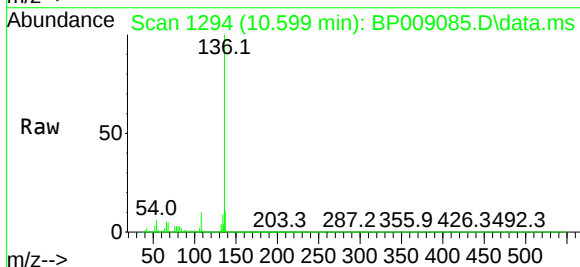
Tgt Ion: 99 Resp: 171542
Ion Ratio Lower Upper
99 100
42 14.6 10.8 16.2
71 33.1 23.8 35.6

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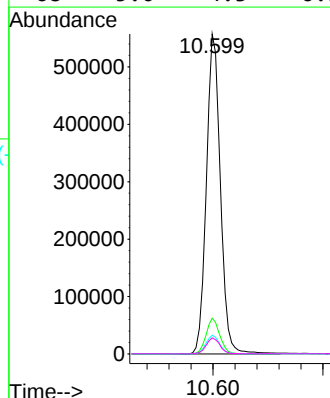
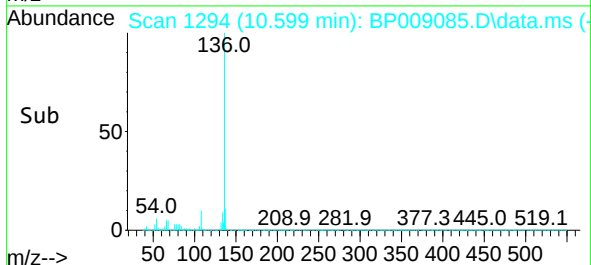
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

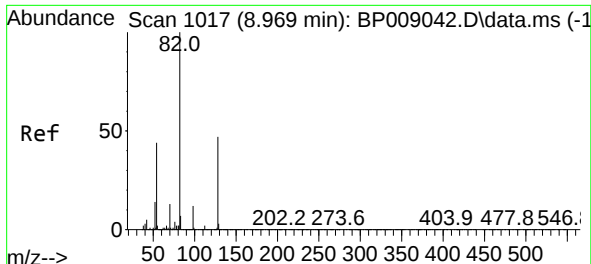


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10



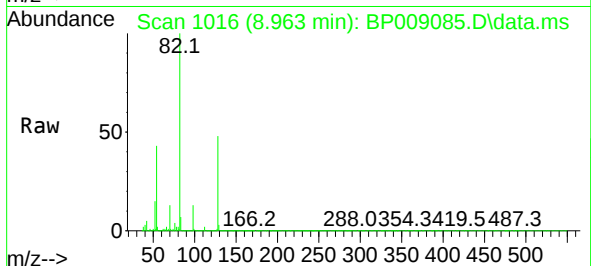
Tgt Ion:136 Resp: 985864
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 5.9 4.9 7.3
68 5.0 4.3 6.5





#23
Nitrobenzene-d5
Concen: 61.553 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

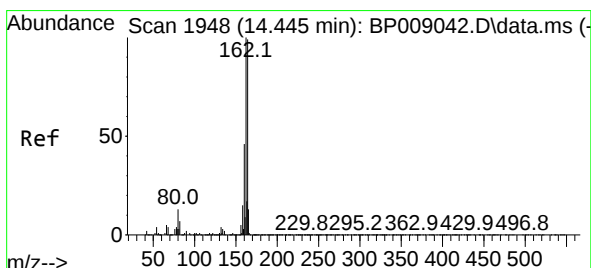
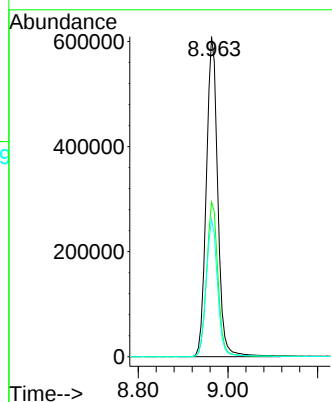
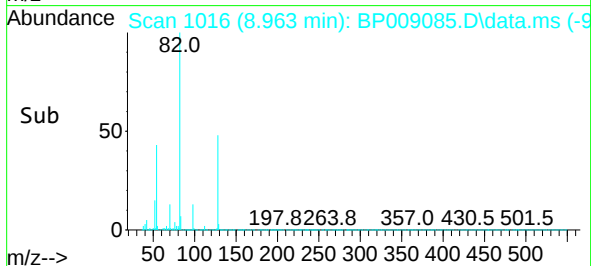
Instrument :
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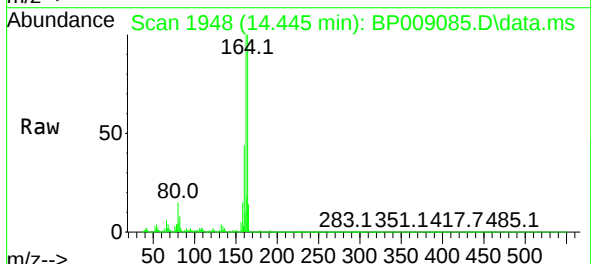
Tgt Ion: 82 Resp: 1076060
Ion Ratio Lower Upper
82 100
128 48.4 39.4 59.2
54 42.9 32.6 48.8

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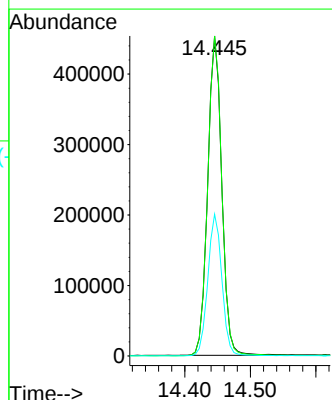
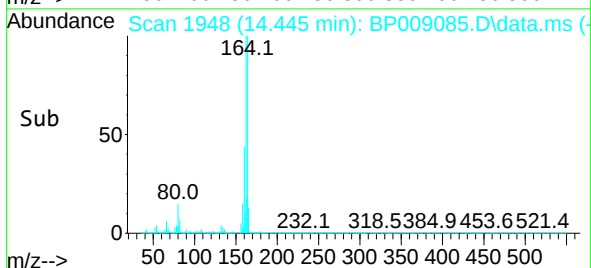
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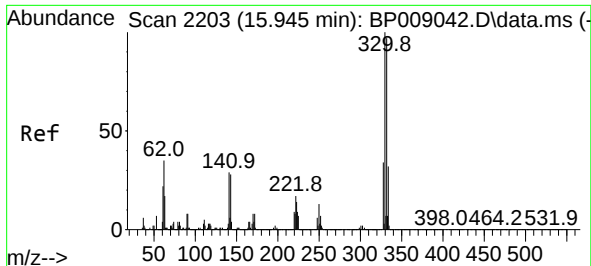


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10



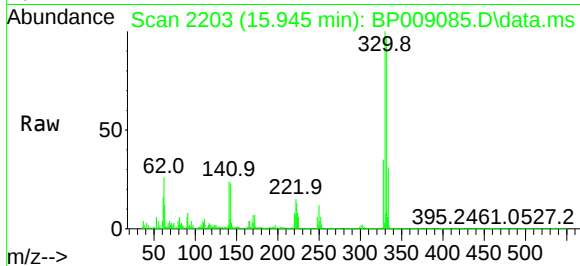
Tgt Ion:164 Resp: 676644
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 44.3 35.5 53.3





#42
2,4,6-Tribromophenol
Concen: 116.587 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

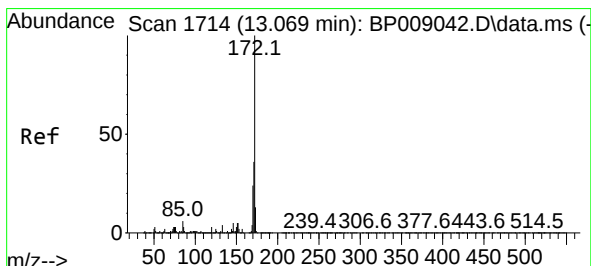
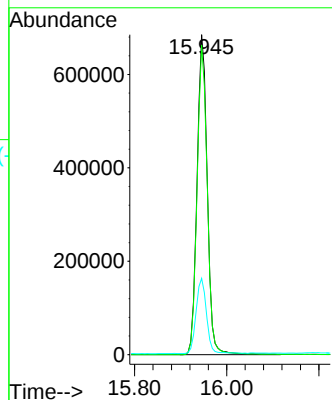
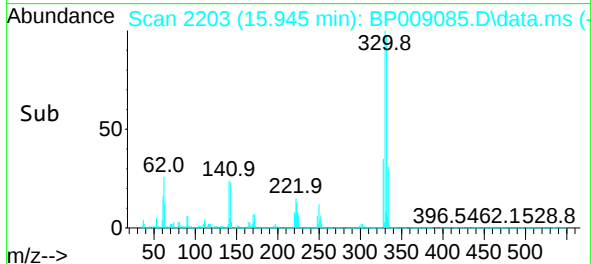
Instrument :
BNA_P
ClientSampleId :
27116



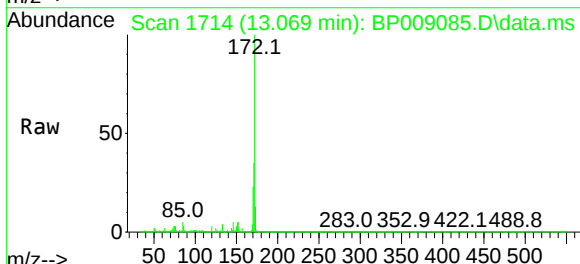
Tgt Ion:330 Resp: 1053290
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 23.8 21.3 31.9

Manual Integrations
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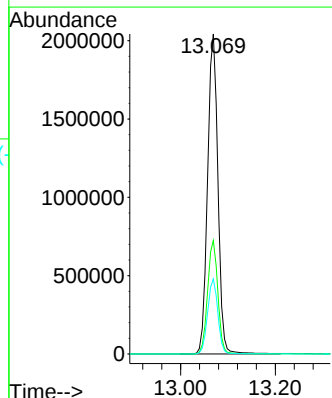
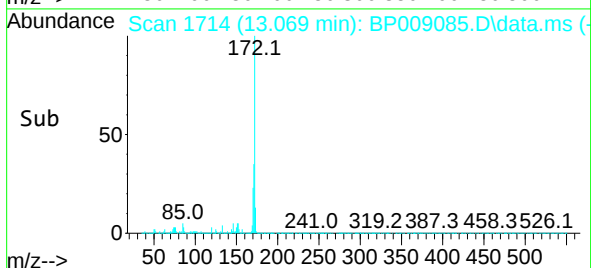
Reviewed By :Christian Giraldo 02/10/2022
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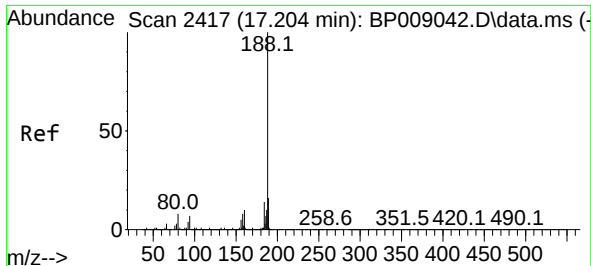


#45
2-Fluorobiphenyl
Concen: 64.048 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10



Tgt Ion:172 Resp: 3095775
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.5 19.5 29.3





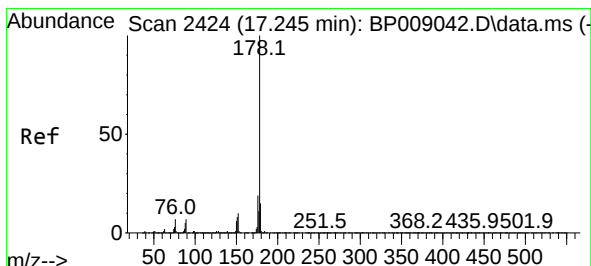
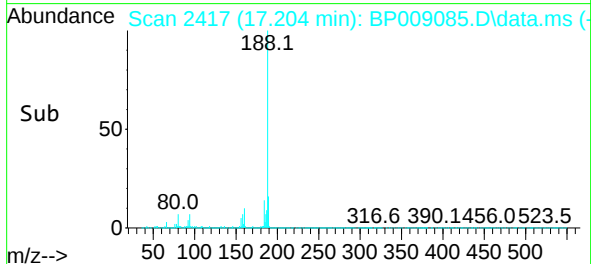
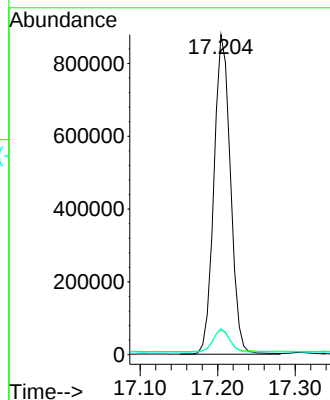
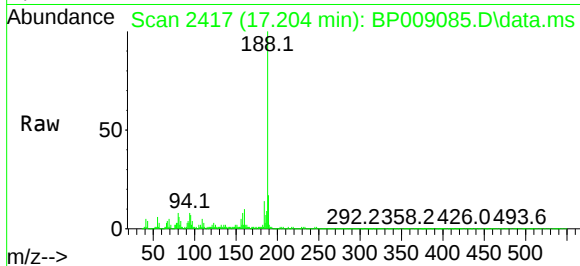
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

Instrument :
BNA_P
ClientSampleId :
27116

Tgt Ion:188 Resp: 129892
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.1 7.2 10.8

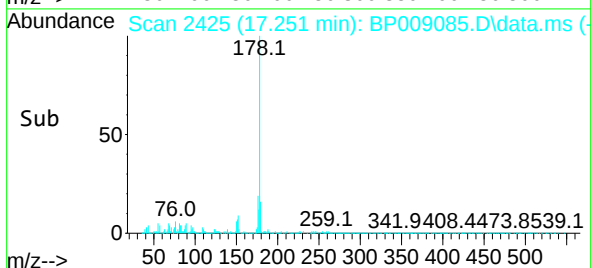
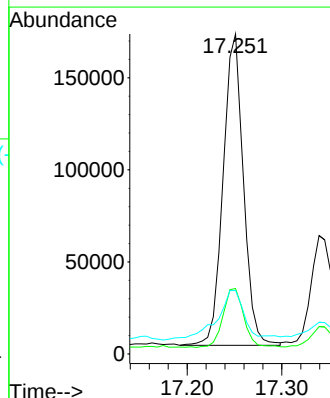
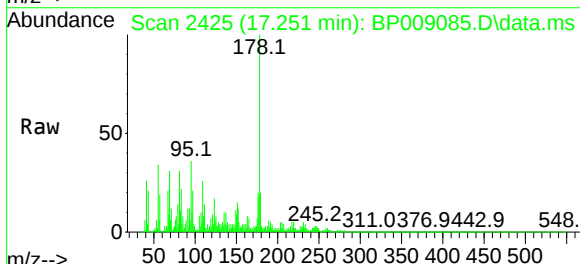
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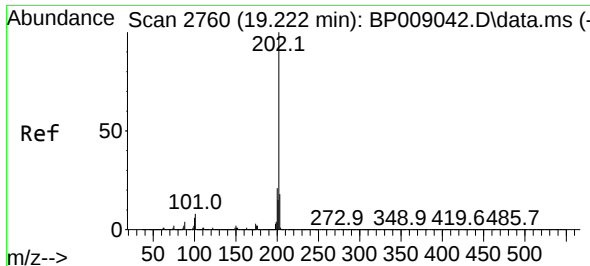
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#71
Phenanthrene
Concen: 3.579 ng
RT: 17.251 min Scan# 2425
Delta R.T. 0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

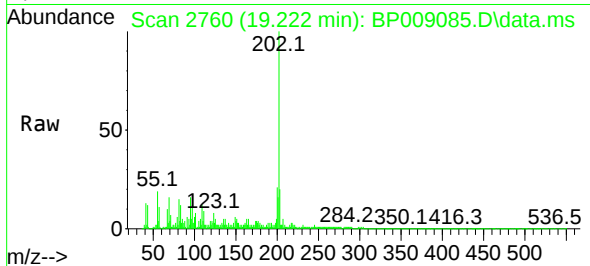
Tgt Ion:178 Resp: 251694
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 19.9 13.0 19.4#





#75
Fluoranthene
Concen: 7.955 ng
RT: 19.222 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

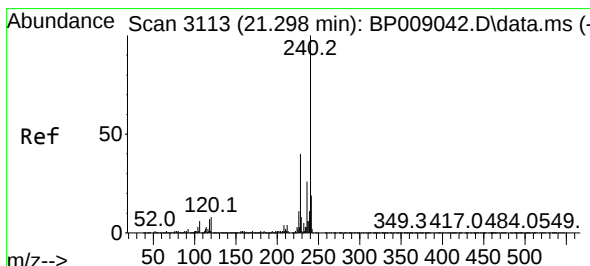
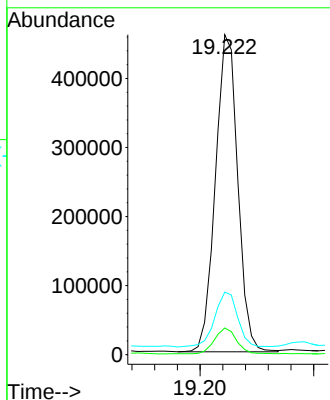
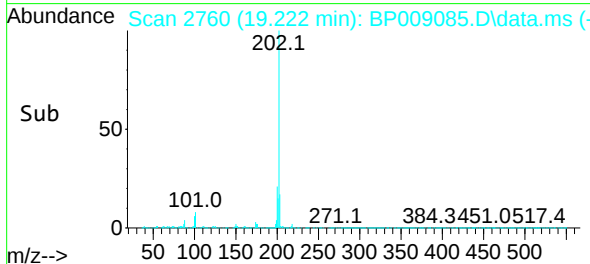
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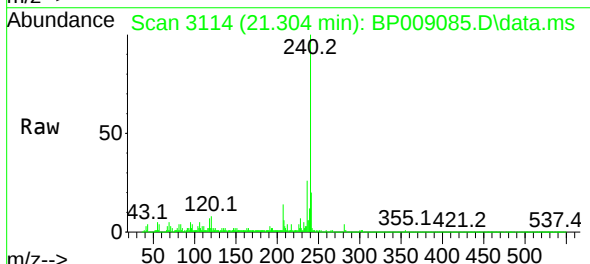
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Ion Ratio Lower Upper
202 100
101 8.3 0.0 30.7
203 19.6 0.0 38.9

Manual Integrations
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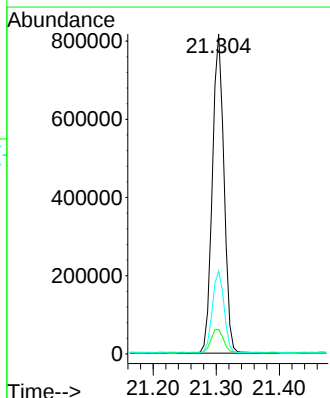
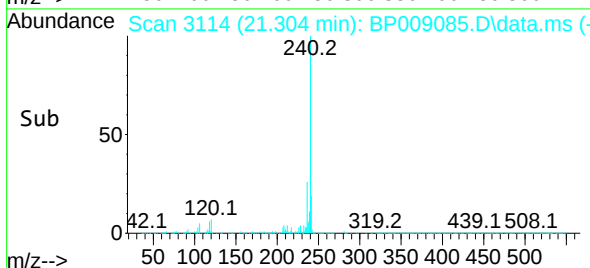
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

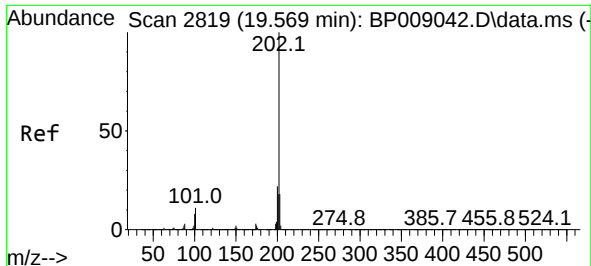


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10



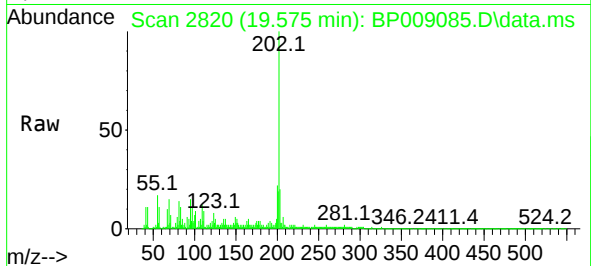
Tgt Ion:240 Resp: 1044258
Ion Ratio Lower Upper
240 100
120 7.6 7.7 11.5#
236 25.9 21.2 31.8





#78
Pyrene
Concen: 8.196 ng
RT: 19.575 min Scan# 2819
Delta R.T. 0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

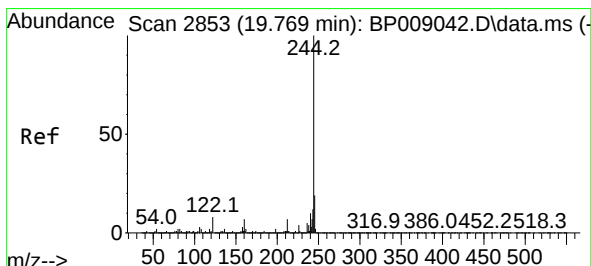
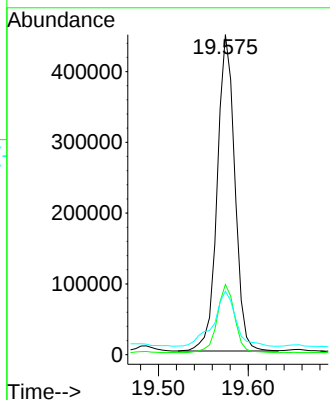
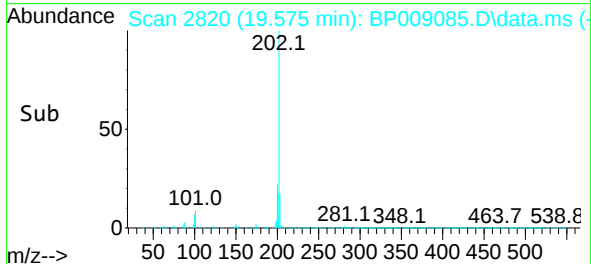
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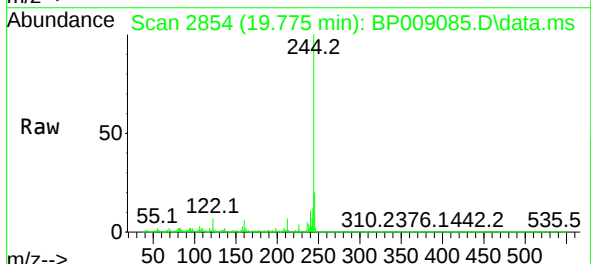
Tgt Ion:202 Resp: 60880
Ion Ratio Lower Upper
202 100
200 22.0 18.0 27.0
203 19.8 15.0 22.6

Manual Integrations
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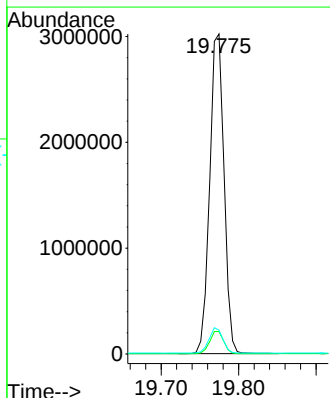
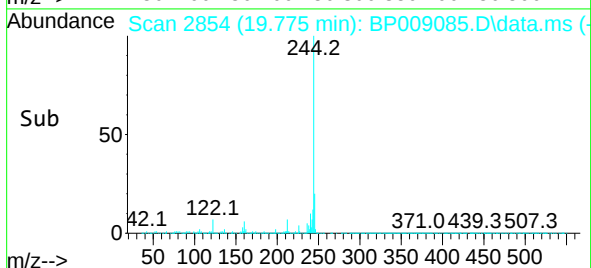
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

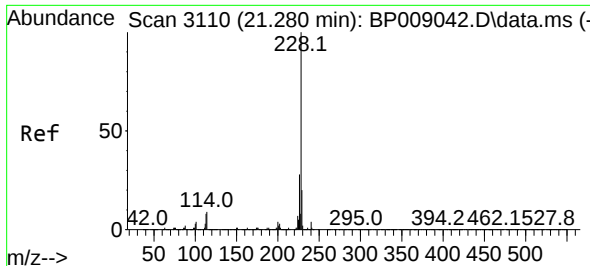


#79
Terphenyl-d14
Concen: 66.834 ng
RT: 19.775 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10



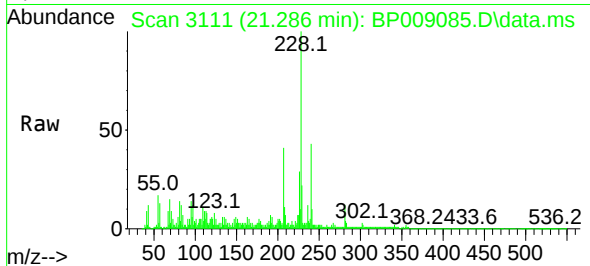
Tgt Ion:244 Resp: 3880926
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 7.5 9.2 13.8





#81
Benzo(a)anthracene
Concen: 5.136 ng
RT: 21.286 min Scan# 3111
Delta R.T. 0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

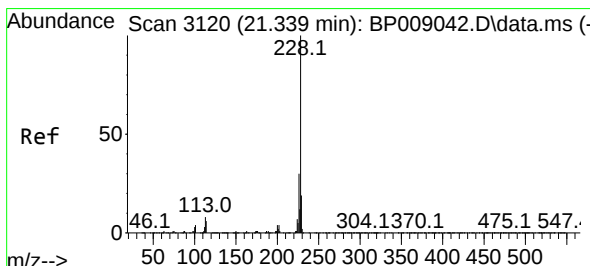
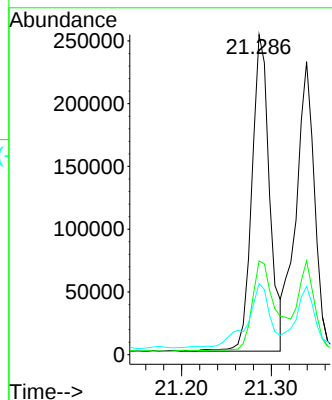
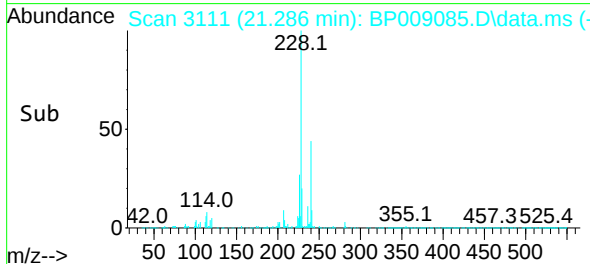
Instrument :
BNA_P
ClientSampleId :
27116



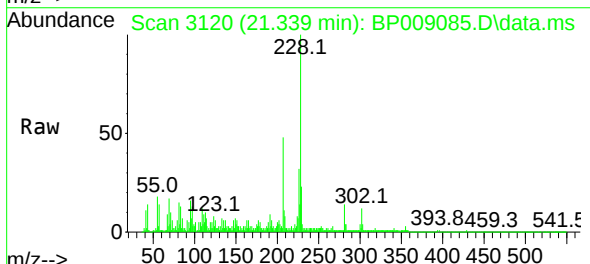
Tgt Ion:228 Resp: 345610
Ion Ratio Lower Upper
228 100
226 29.3 23.3 34.9
229 22.2 17.0 25.6

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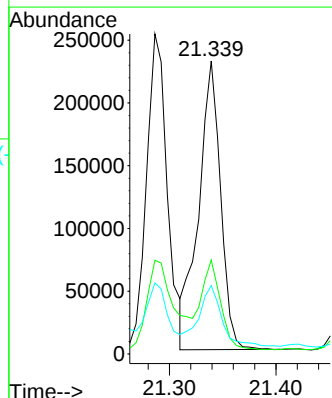
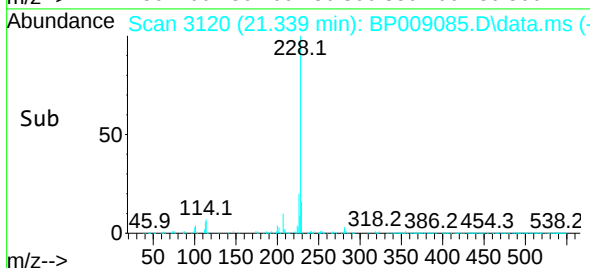
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022

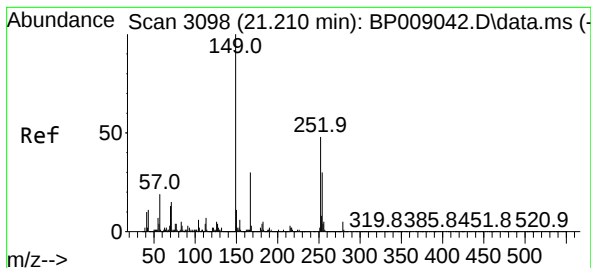


#83
Chrysene
Concen: 5.109 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10



Tgt Ion:228 Resp: 331447
Ion Ratio Lower Upper
228 100
226 32.0 26.0 39.0
229 23.3 16.9 25.3





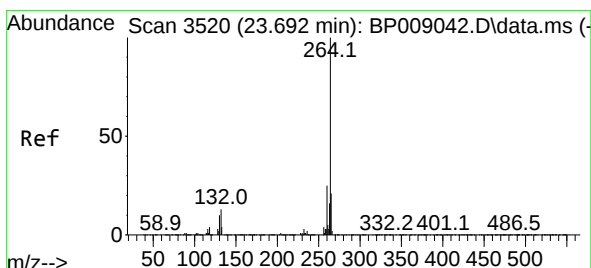
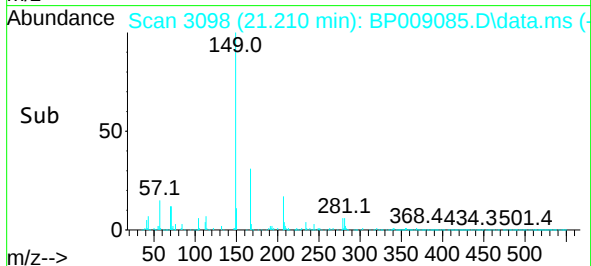
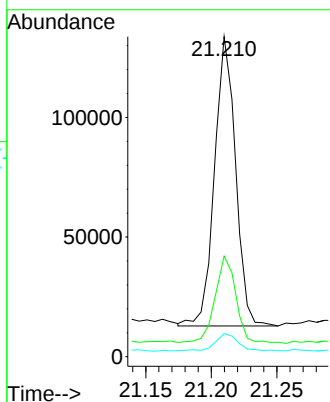
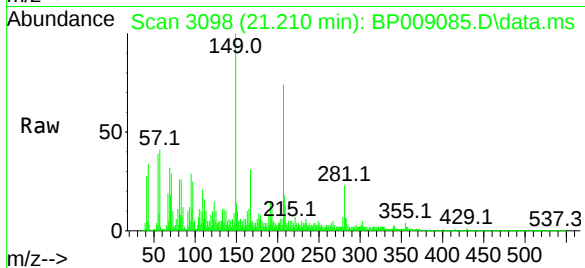
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.993 ng
RT: 21.210 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

Instrument :
BNA_P
ClientSampleId :
27116

Tgt Ion:149 Resp: 13490
Ion Ratio Lower Upper
149 100
167 31.5 25.0 37.4
279 7.2 4.8 7.2

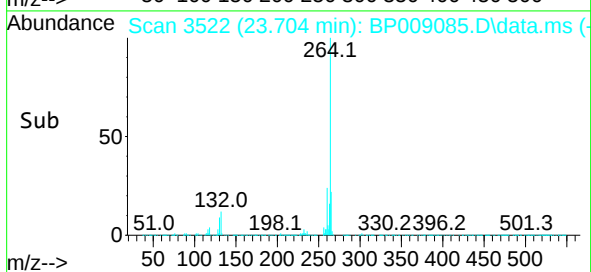
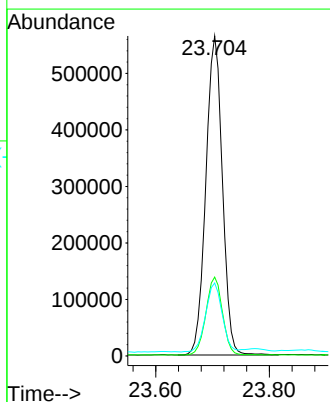
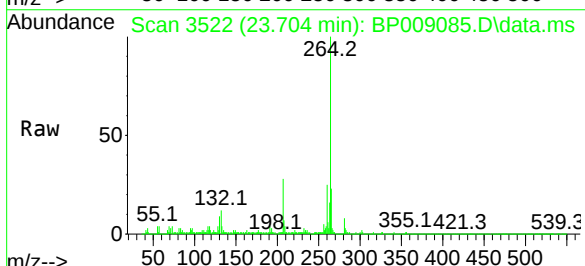
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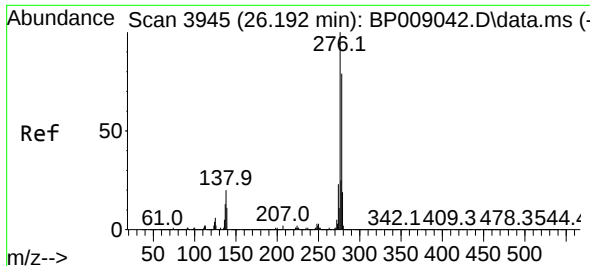
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. 0.012 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

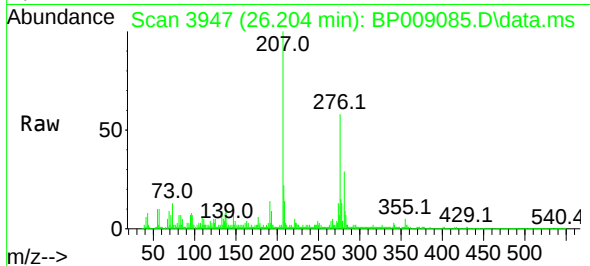
Tgt Ion:264 Resp: 1136376
Ion Ratio Lower Upper
264 100
260 24.6 19.1 28.7
265 22.8 17.1 25.7





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.337 ng
 RT: 26.204 min Scan# 3947
 Delta R.T. 0.012 min
 Lab File: BP009085.D
 Acq: 09 Feb 2022 19:10

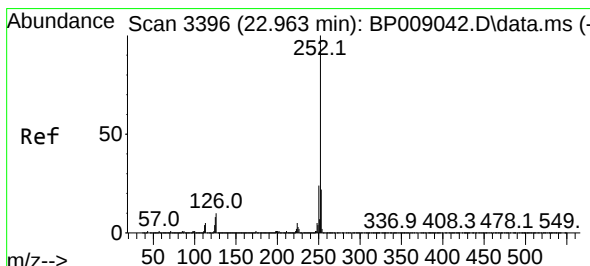
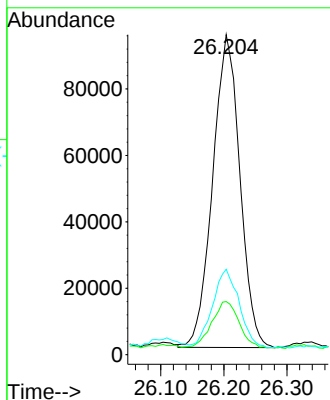
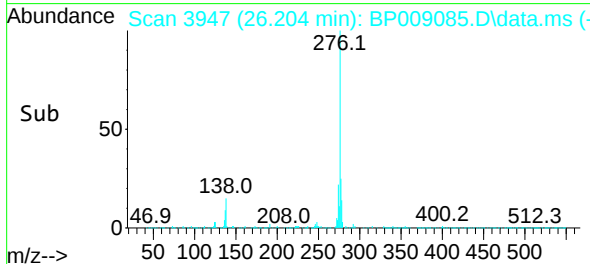
Instrument :
 BNA_P
 ClientSampleId :
 27116



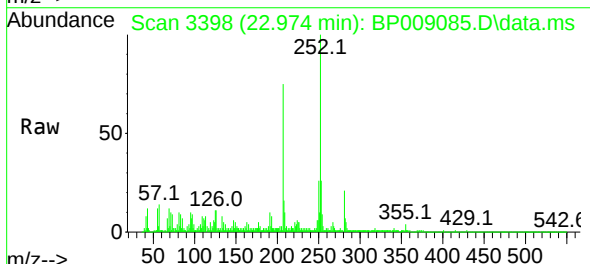
Tgt Ion: 276 Resp: 281777
 Ion Ratio Lower Upper
 276 100
 138 14.8 17.8 26.6
 277 24.6 20.4 30.6

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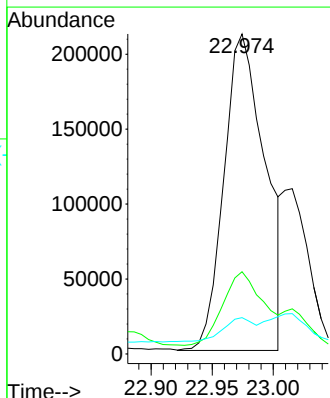
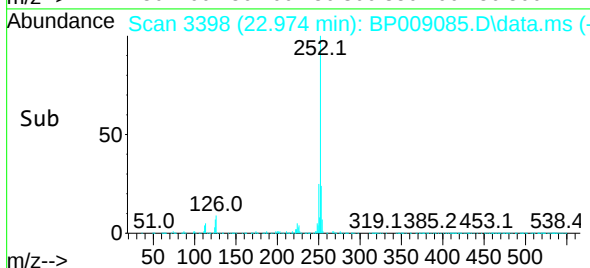
Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

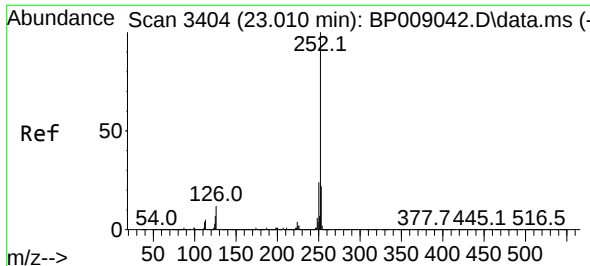


#88
 Benzo(b)fluoranthene
 Concen: 7.074 ng m
 RT: 22.974 min Scan# 3398
 Delta R.T. 0.012 min
 Lab File: BP009085.D
 Acq: 09 Feb 2022 19:10



Tgt Ion: 252 Resp: 494850
 Ion Ratio Lower Upper
 252 100
 253 25.7 18.0 27.0
 125 11.4 6.9 10.3





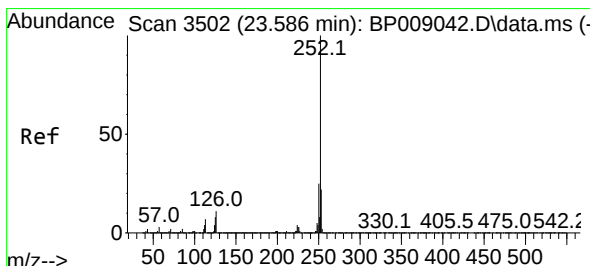
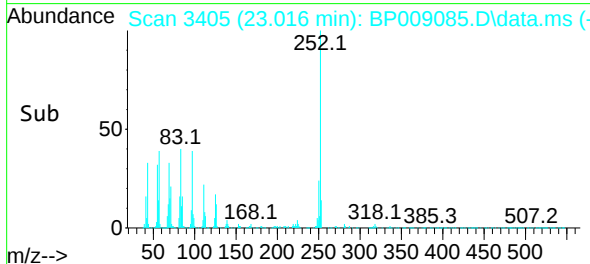
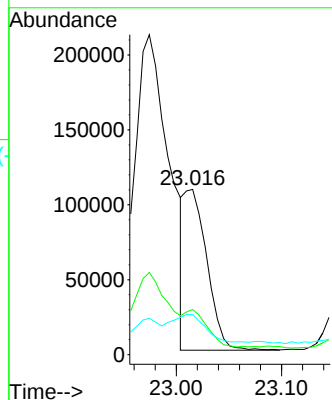
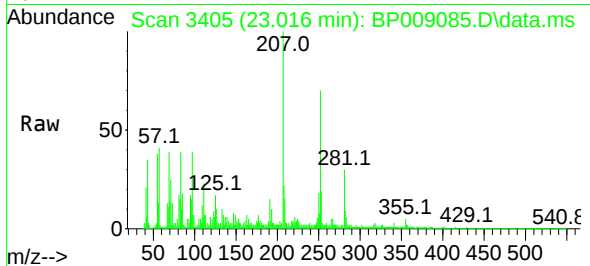
#89
Benzo(k)fluoranthene
Concen: 2.291 ng m
RT: 23.016 min Scan# 3404
Delta R.T. 0.006 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

Instrument :
BNA_P
ClientSampleId :
27116

Tgt Ion:252 Resp: 15988
Ion Ratio Lower Upper
252 100
253 27.3 18.2 27.2
125 24.4 7.3 10.9

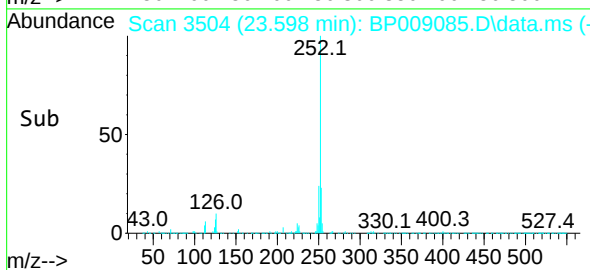
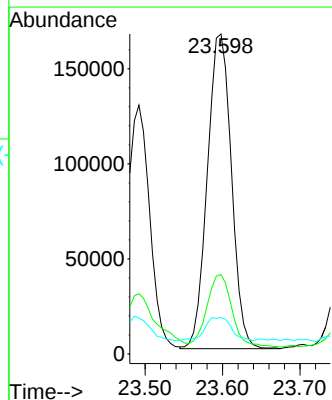
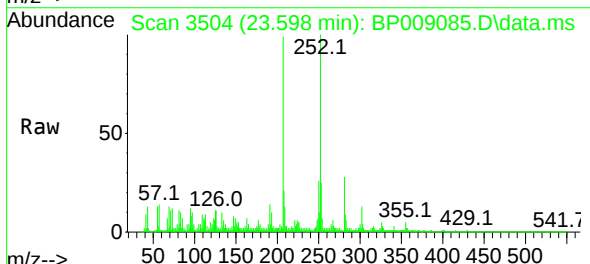
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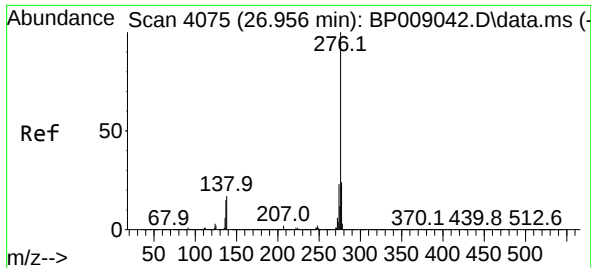
Reviewed By :Christian Giraldo 02/10/2022
Supervised By :Jagrut Upadhyay 02/11/2022



#90
Benzo(a)pyrene
Concen: 6.141 ng
RT: 23.598 min Scan# 3504
Delta R.T. 0.012 min
Lab File: BP009085.D
Acq: 09 Feb 2022 19:10

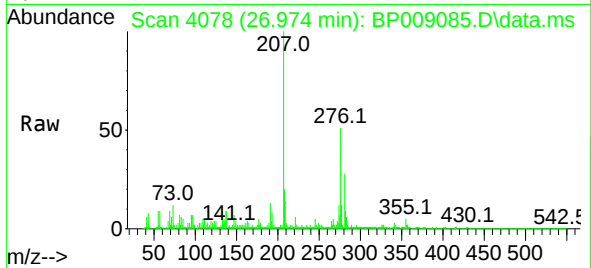
Tgt Ion:252 Resp: 358163
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 11.4 7.8 11.6





#92
 Benzo(g,h,i)perylene
 Concen: 4.165 ng
 RT: 26.974 min Scan# 4078
 Delta R.T. 0.018 min
 Lab File: BP009085.D
 Acq: 09 Feb 2022 19:10

Instrument :
 BNA_P
 ClientSampleId :
 27116



Tgt Ion: 276 Resp: 287770
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.2 28.8
 138 17.5 15.0 22.4

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Reviewed By : Christian Giraldo 02/10/2022
 Supervised By : Jagrut Upadhyay 02/11/2022

