

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
 Data File : BP009605.D
 Acq On : 29 Mar 2022 21:19
 Operator : CG/JU
 Sample : N2095-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-02-5.0-6.0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/30/2022
 Supervised By : Jagrut Upadhyay 03/30/2022

Quant Time: Mar 30 04:11:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 04:00:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	296485	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1186263	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	731125	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1493604	20.000	ng	0.00
76) Chrysene-d12	21.286	240	1584407	20.000	ng	0.00
86) Perylene-d12	23.680	264	1710723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2174669	128.061	ng	0.00
7) Phenol-d6	6.952	99	2699789	117.561	ng	0.00
23) Nitrobenzene-d5	8.916	82	1698408	76.083	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1164250	96.500	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3892067	73.798	ng	0.00
79) Terphenyl-d14	19.751	244	6097289	69.073	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	22.951	252	234367	2.295	ng	Qvalue 98
89) Benzo(k)fluoranthene	22.998	252	243601m	2.436	ng	
90) Benzo(a)pyrene	23.580	252	183912	2.105	ng	96

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

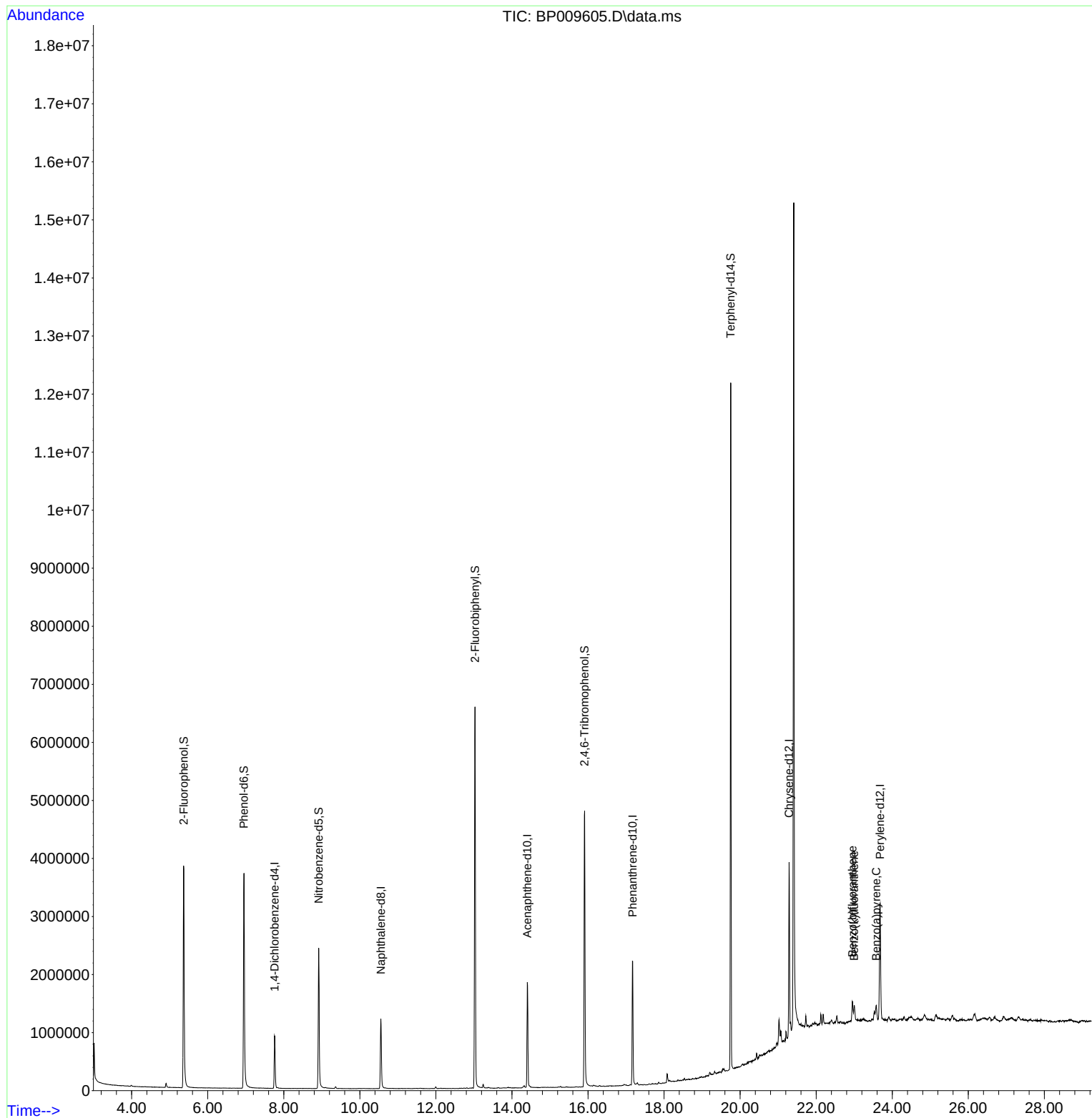
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009605.D
Acq On : 29 Mar 2022 21:19
Operator : CG/JU
Sample : N2095-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

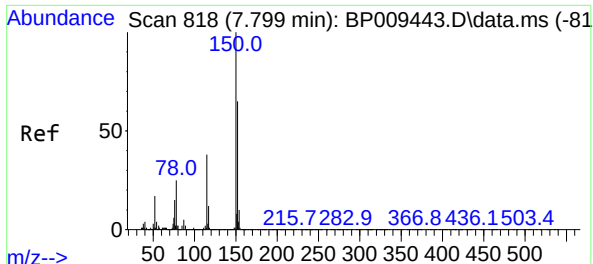
Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0

Quant Time: Mar 30 04:11:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
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APPROVED

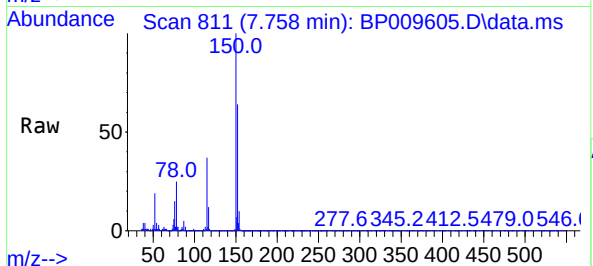
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

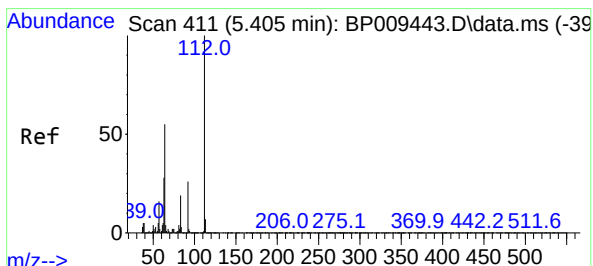
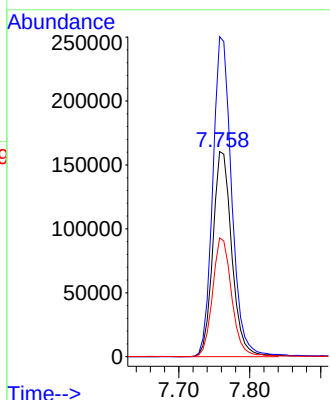
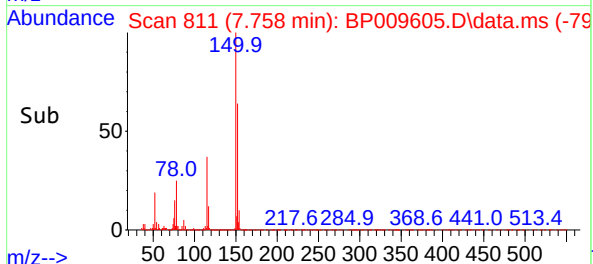
Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0



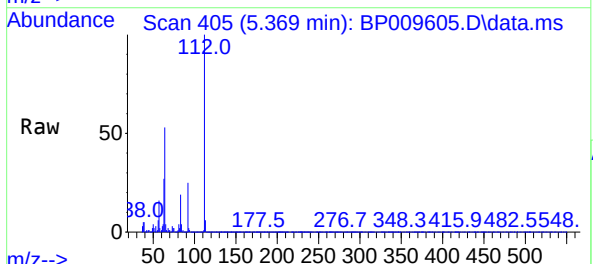
Tgt Ion:152 Resp: 296485
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 57.9 48.2 72.4

Manual Integrations
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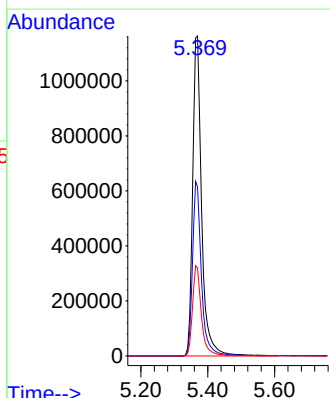
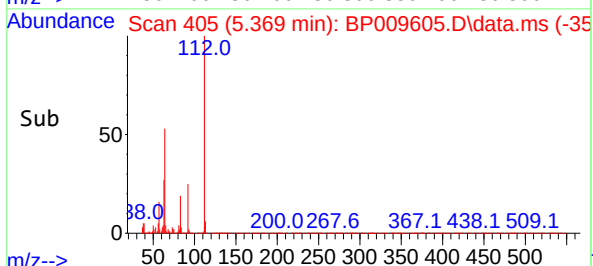
Reviewed By :Christian Giraldo 03/30/2022
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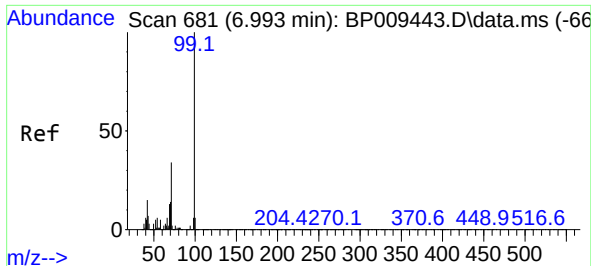


#5
2-Fluorophenol
Concen: 128.061 ng
RT: 5.369 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19



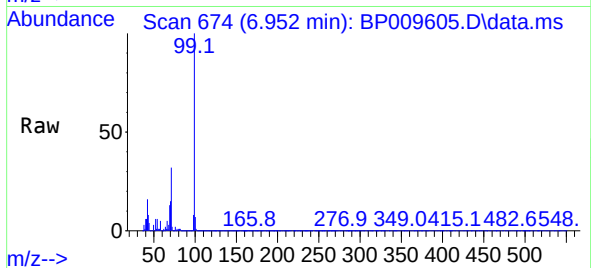
Tgt Ion:112 Resp: 2174669
Ion Ratio Lower Upper
112 100
64 52.7 45.0 67.4
63 27.4 23.0 34.6





#7
Phenol-d6
Concen: 117.561 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

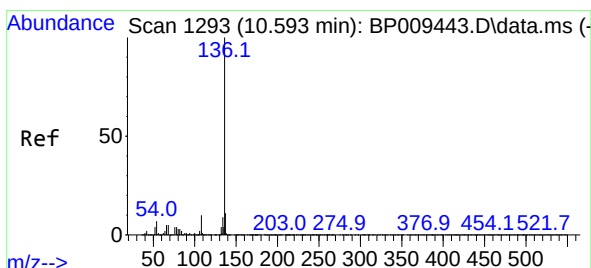
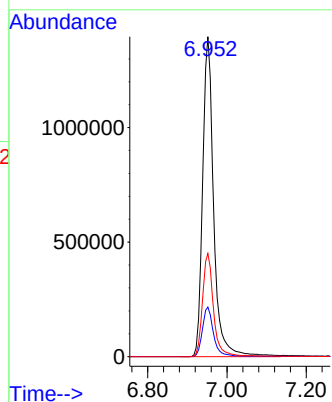
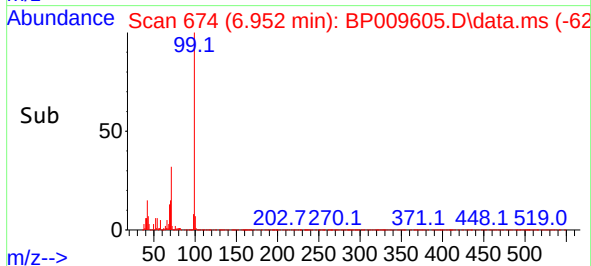
Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0



Tgt Ion: 99 Resp: 2699789
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 32.3 26.3 39.5

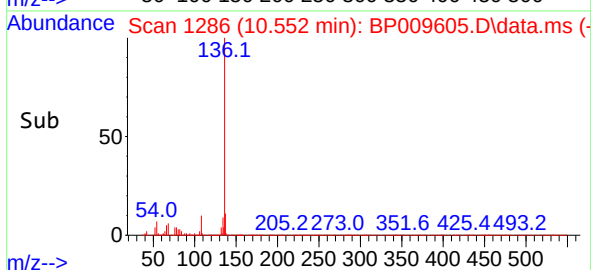
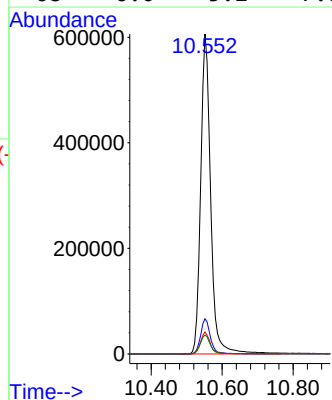
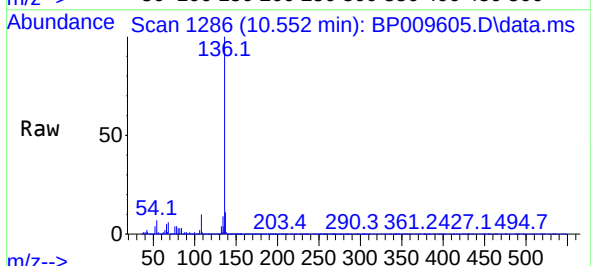
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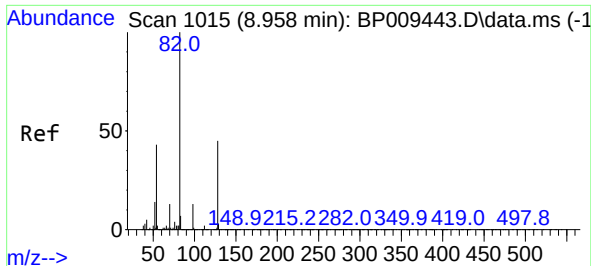
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Tgt Ion:136 Resp: 1186263
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.9 5.8 8.8
68 6.0 5.2 7.8





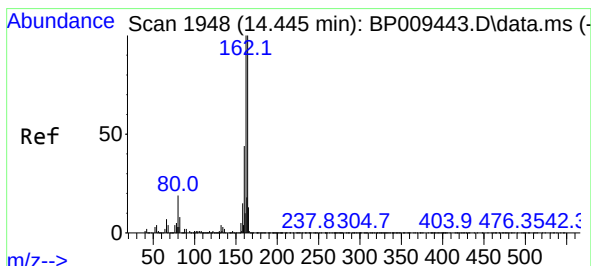
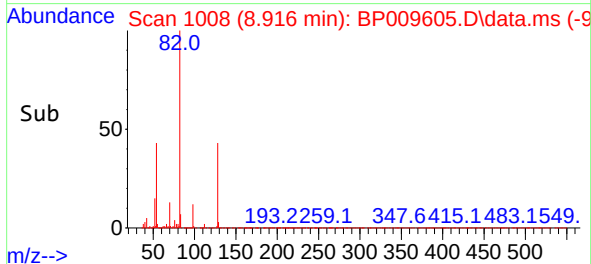
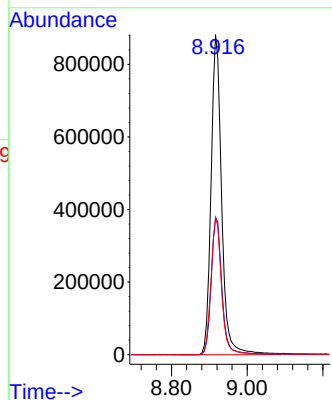
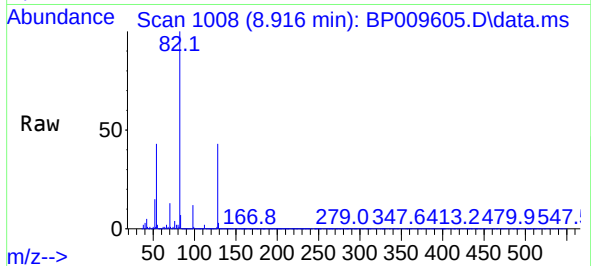
#23
Nitrobenzene-d5
Concen: 76.083 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0

Tgt Ion: 82 Resp: 1698408
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 42.8 34.7 52.1

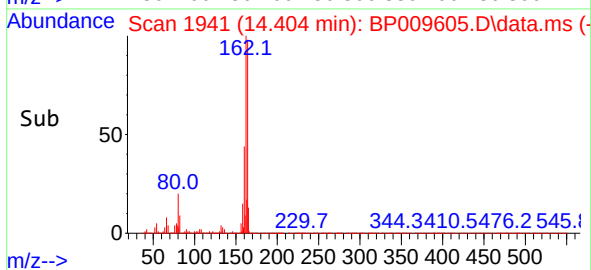
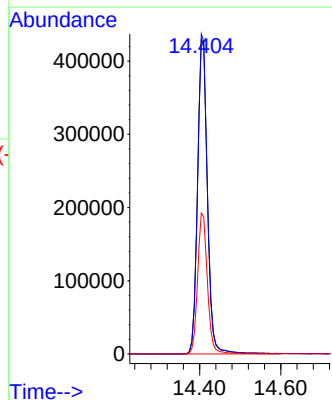
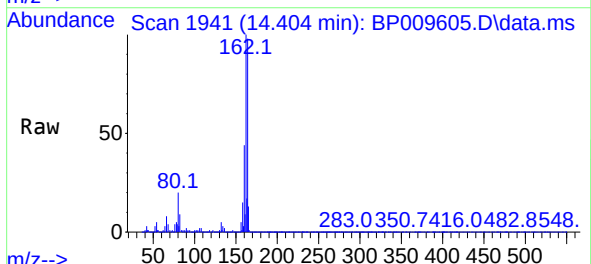
Manual Integrations
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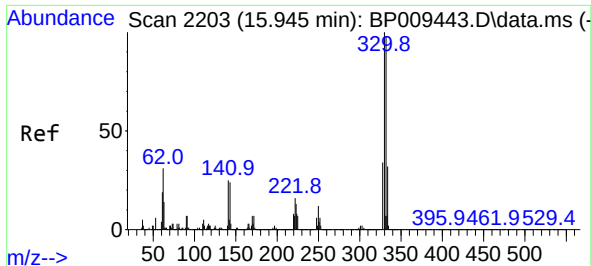
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Tgt Ion:164 Resp: 731125
Ion Ratio Lower Upper
164 100
162 101.7 79.1 118.7
160 44.8 34.9 52.3





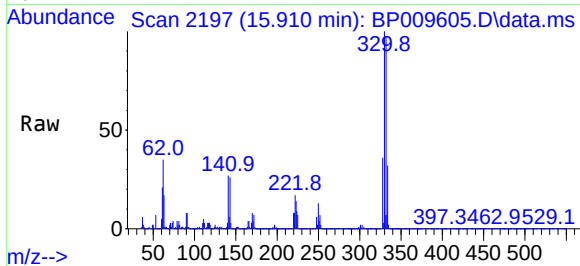
#42
2,4,6-Tribromophenol
Concen: 96.500 ng
RT: 15.910 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Instrument :

BNA_P

ClientSampleId :

SB-02-5.0-6.0

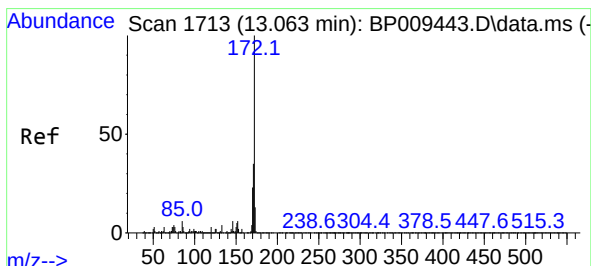
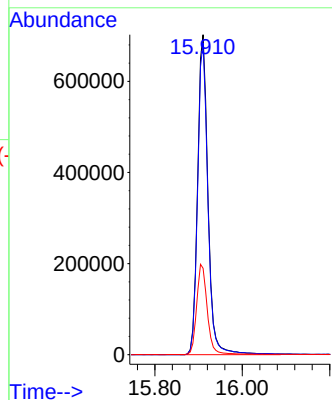
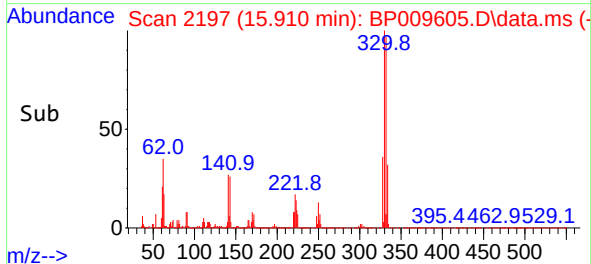


Tgt Ion:330 Resp: 1164250
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 28.9 27.6 41.4

Manual Integrations

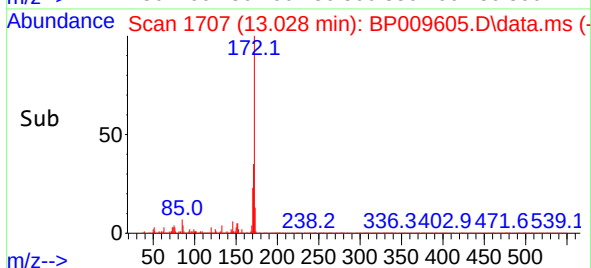
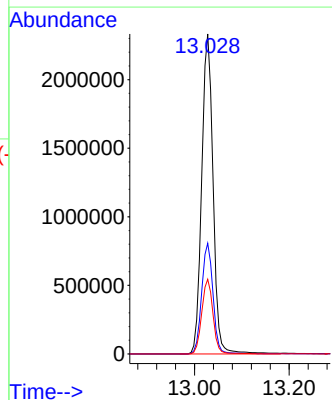
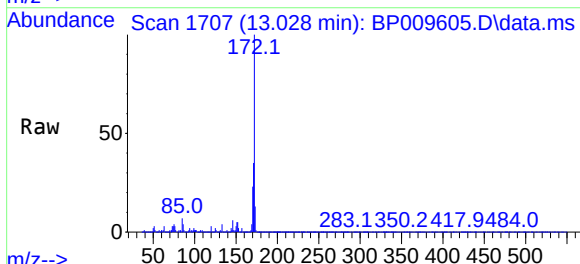
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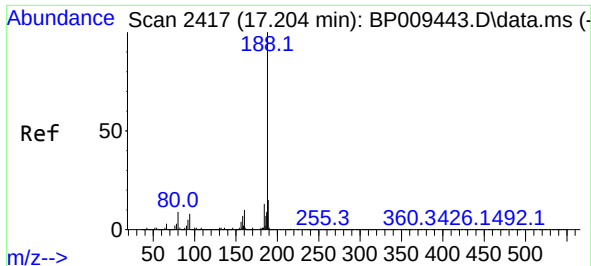
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#45
2-Fluorobiphenyl
Concen: 73.798 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Tgt Ion:172 Resp: 3892067
Ion Ratio Lower Upper
172 100
171 34.6 28.0 42.0
170 23.3 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Instrument :

BNA_P

ClientSampleId :

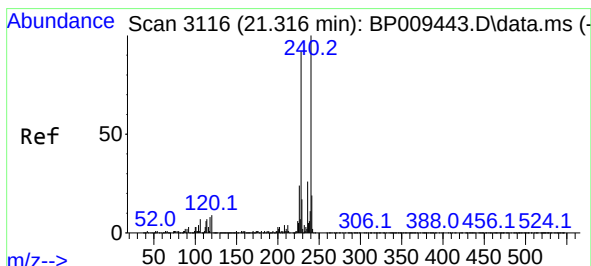
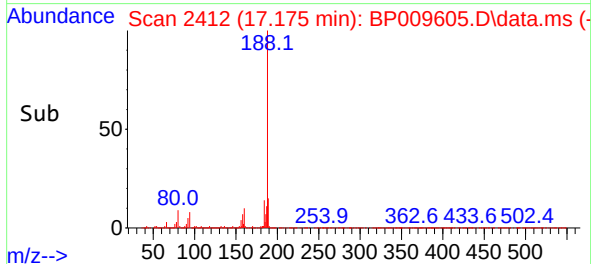
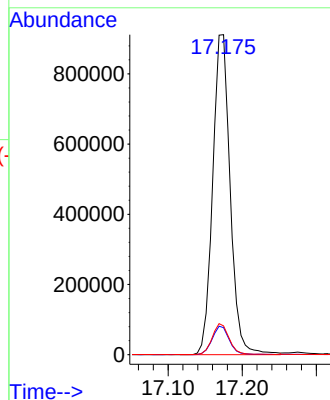
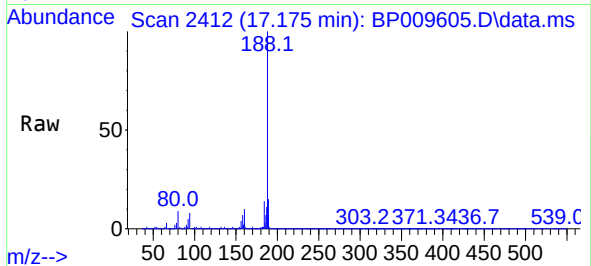
SB-02-5.0-6.0

Tgt Ion:188 Resp: 1493604
Ion Ratio Lower Upper
188 100
94 8.5 7.9 11.9
80 9.0 8.8 13.2

Manual Integrations

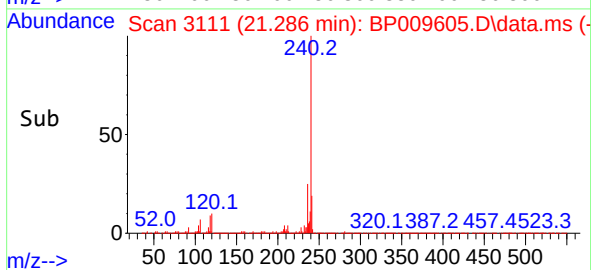
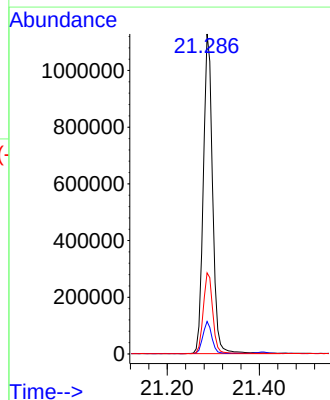
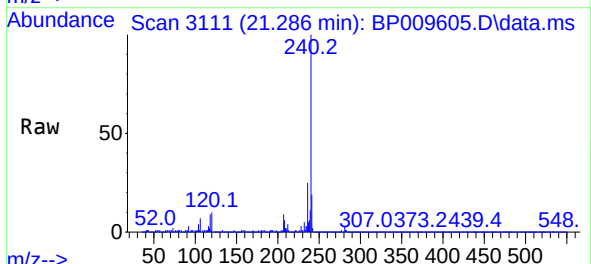
APPROVED

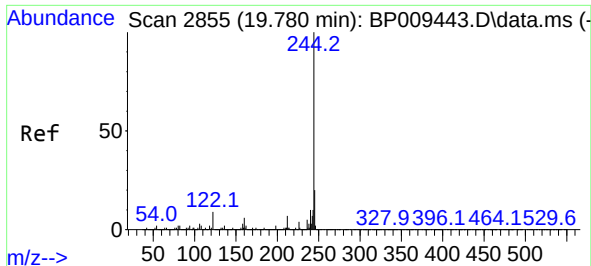
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Tgt Ion:240 Resp: 1584407
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 25.4 20.6 30.8





#79
Terphenyl-d14
Concen: 69.073 ng
RT: 19.751 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Instrument :

BNA_P

ClientSampleId :

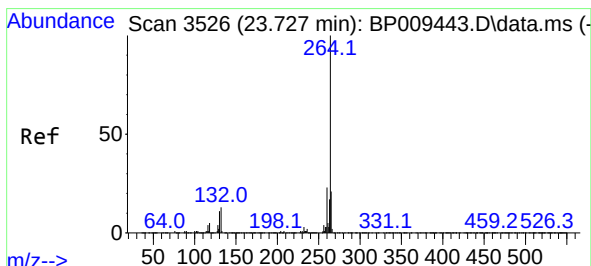
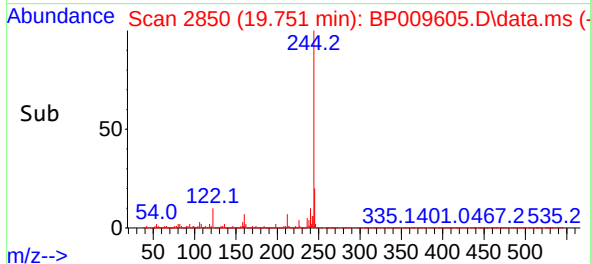
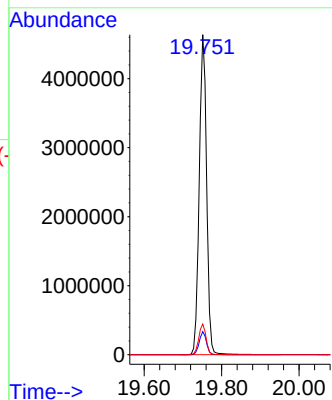
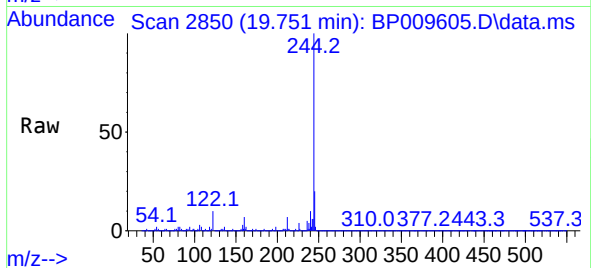
SB-02-5.0-6.0

Tgt Ion:244 Resp: 6097289
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.6 8.3 12.5

Manual Integrations

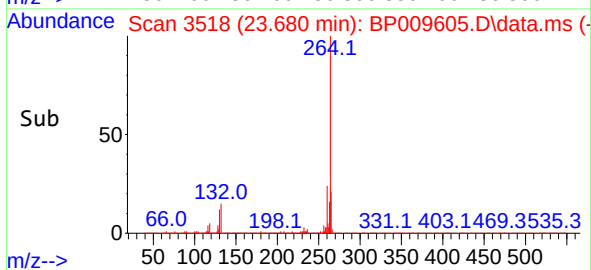
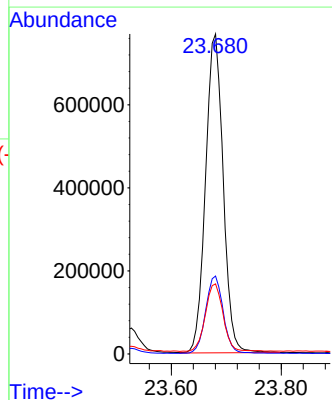
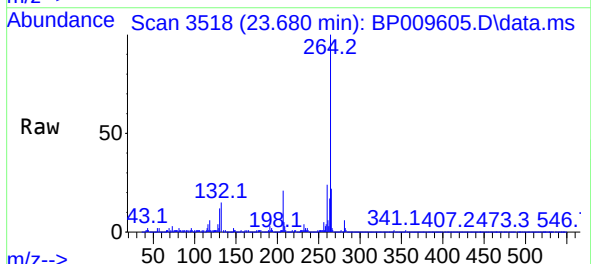
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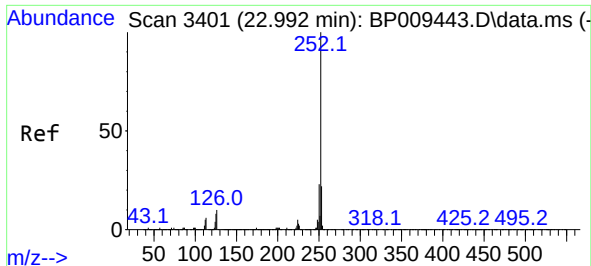
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 3518
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Tgt Ion:264 Resp: 1710723
Ion Ratio Lower Upper
264 100
260 24.4 19.4 29.0
265 21.9 17.2 25.8





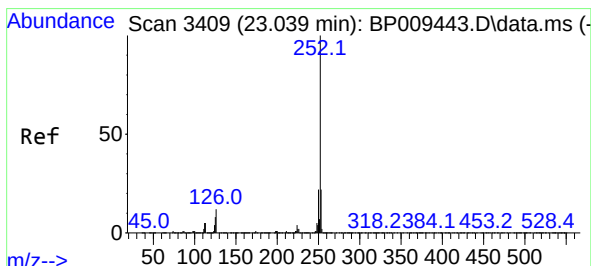
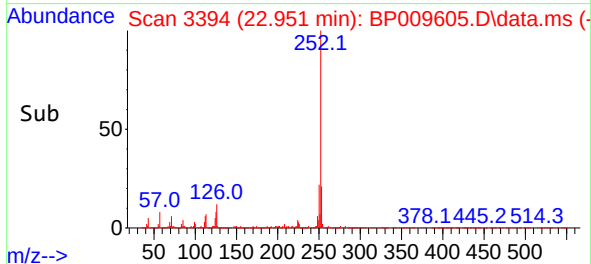
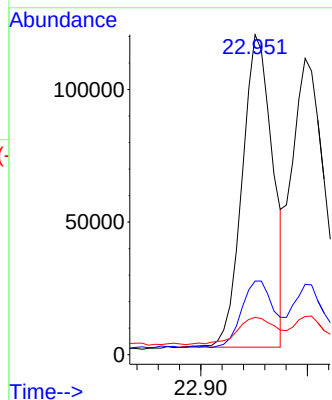
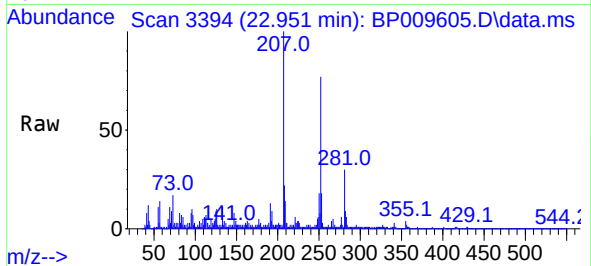
#88
Benzo(b)fluoranthene
Concen: 2.295 ng
RT: 22.951 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0

Tgt Ion:252 Resp: 23436
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.7 8.1 12.1

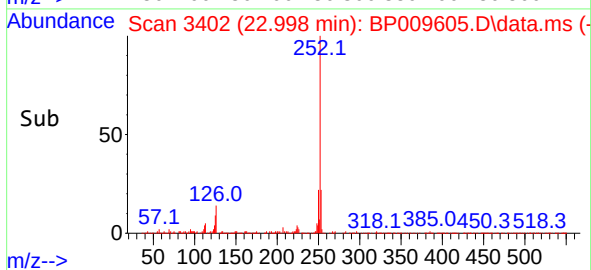
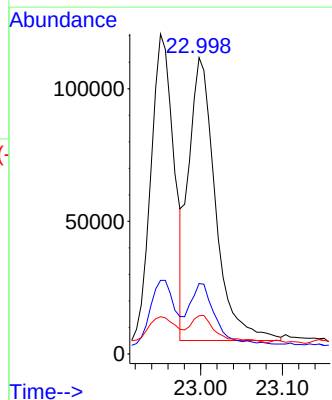
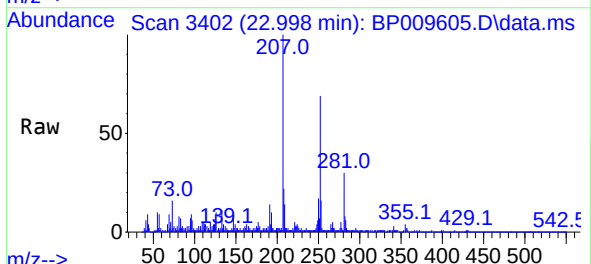
Manual Integrations
APPROVED

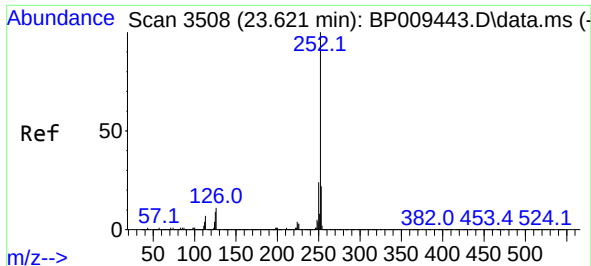
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#89
Benzo(k)fluoranthene
Concen: 2.436 ng m
RT: 22.998 min Scan# 3402
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

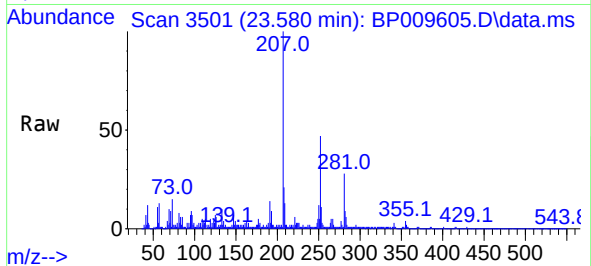
Tgt Ion:252 Resp: 243601
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 12.9 8.3 12.5#





#90
Benzo(a)pyrene
Concen: 2.105 ng
RT: 23.580 min Scan# 30
Delta R.T. 0.000 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0



Tgt Ion:252 Resp: 183912
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 13.9 9.3 13.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

