

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
 Data File : BP009601.D
 Acq On : 29 Mar 2022 19:04
 Operator : CG/JU
 Sample : N2149-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PILE-LINDEN-PROPANE

Manual Integrations
 APPROVED

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

Quant Time: Mar 30 04:10:07 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	7.763	152	246151	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	972731	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	623641	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1351332	20.000	ng	0.00
76) Chrysene-d12	21.286	240	1620906	20.000	ng	0.00
86) Perylene-d12	23.680	264	1772759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	1762809	125.035	ng	0.00
7) Phenol-d6	6.952	99	2240436	117.508	ng	0.00
23) Nitrobenzene-d5	8.916	82	1384160	75.617	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1049773	102.007	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3230528	71.811	ng	0.00
79) Terphenyl-d14	19.751	244	5516285	61.084	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.198	202	217957	2.489	ng	98
78) Pyrene	19.557	202	220622	2.066	ng	99
81) Benzo(a)anthracene	21.274	228	310177	2.913	ng	99
83) Chrysene	21.327	228	294436	2.920	ng	99
85) Di-n-octyl phthalate	22.127	149	283245	2.597	ng	100
88) Benzo(b)fluoranthene	22.951	252	531509	5.022	ng	98
89) Benzo(k)fluoranthene	22.998	252	499386m	4.820	ng	
90) Benzo(a)pyrene	23.574	252	400890	4.428	ng	99

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

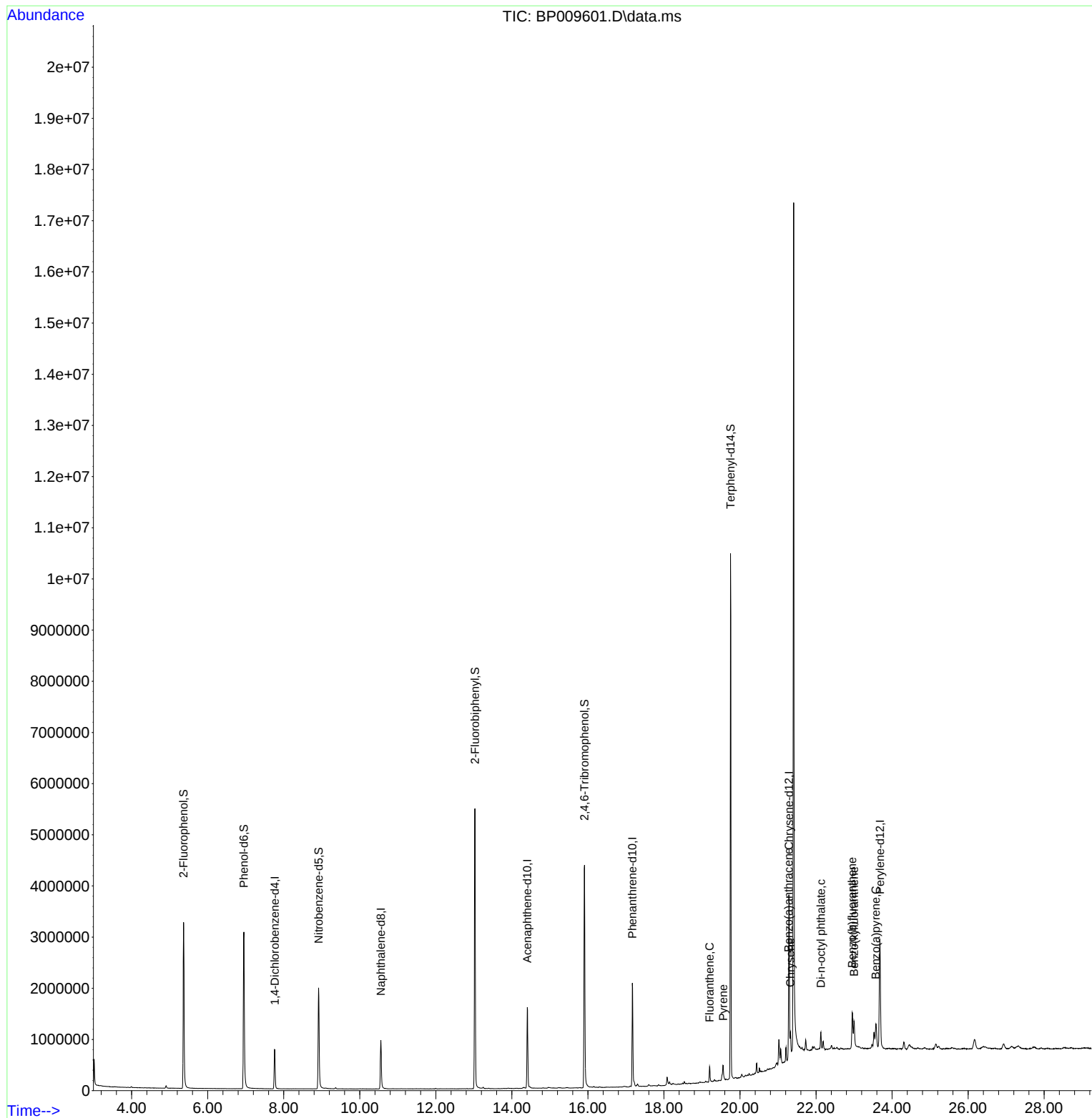
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
Data File : BP009601.D
Acq On : 29 Mar 2022 19:04
Operator : CG/JU
Sample : N2149-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

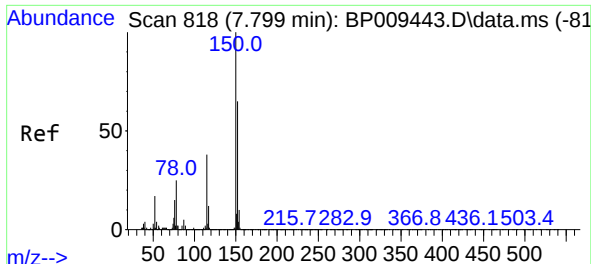
Instrument :
BNA_P
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PILE-LINDEN-PROPANE

Quant Time: Mar 30 04:10:07 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
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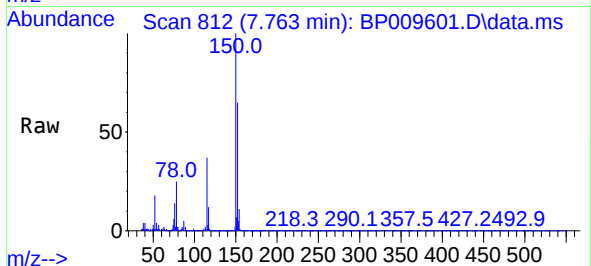
Reviewed By : Christian Giraldo 03/30/2022
Supervised By : Jagrut Upadhyay 03/30/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

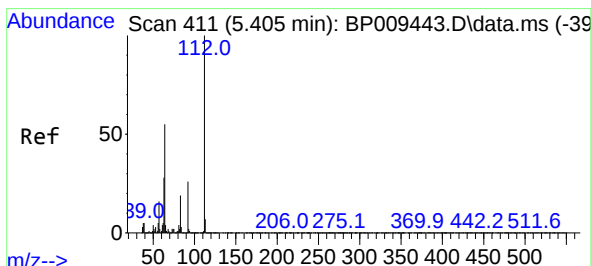
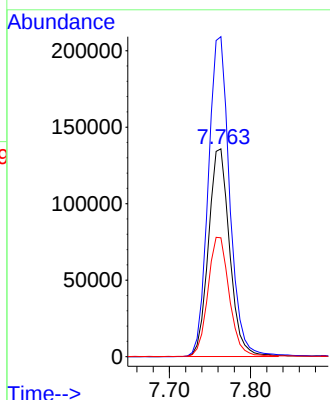
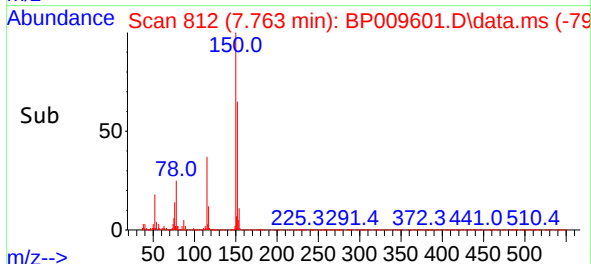
Instrument :
BNA_P
ClientSampleId :
PILE-LINDEN-PROPANE



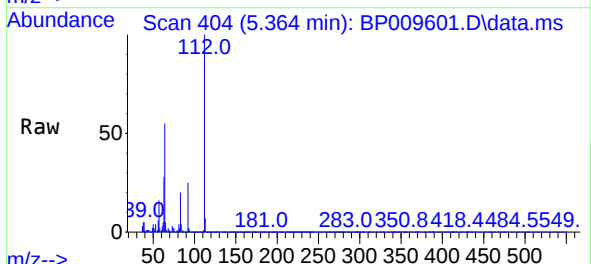
Tgt Ion:152 Resp: 24615
Ion Ratio Lower Upper
152 100
150 153.9 124.5 186.7
115 57.2 48.2 72.4

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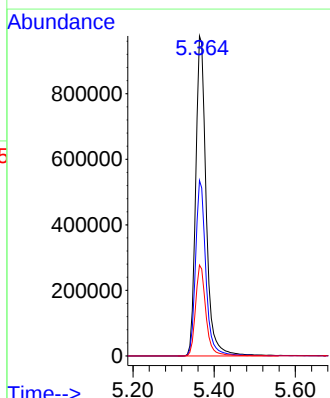
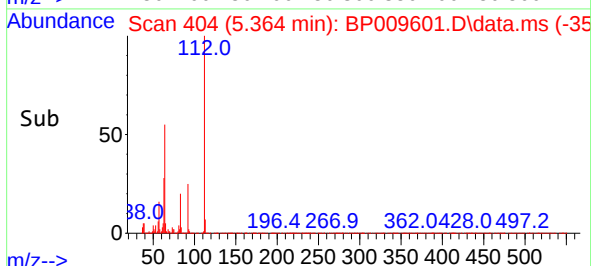
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

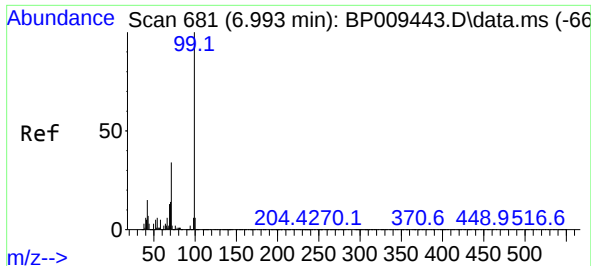


#5
2-Fluorophenol
Concen: 125.035 ng
RT: 5.364 min Scan# 404
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04



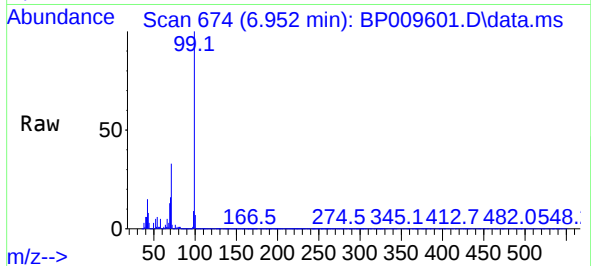
Tgt Ion:112 Resp: 1762809
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 28.4 23.0 34.6





#7
Phenol-d6
Concen: 117.508 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

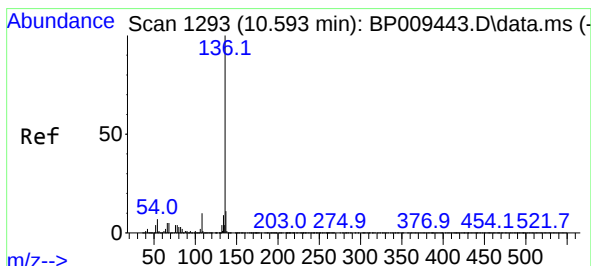
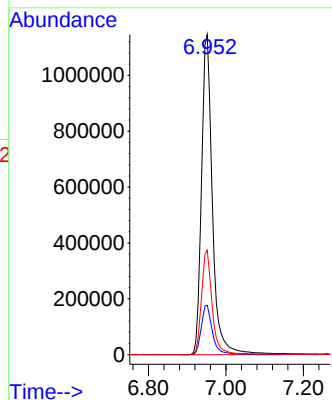
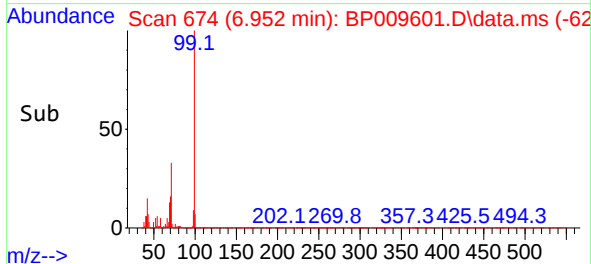
Instrument :
BNA_P
ClientSampleId :
PILE-LINDEN-PROPANE



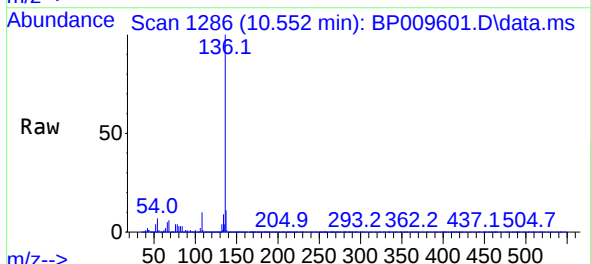
Tgt Ion: 99 Resp: 2240430
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 32.6 26.3 39.5

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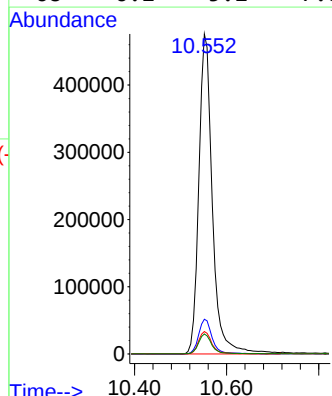
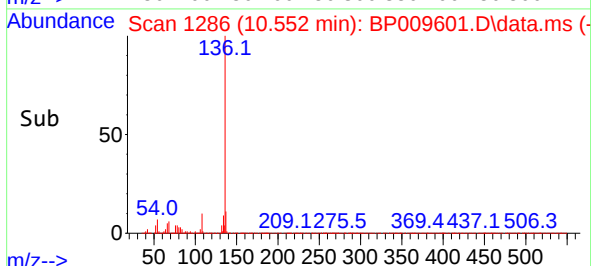
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

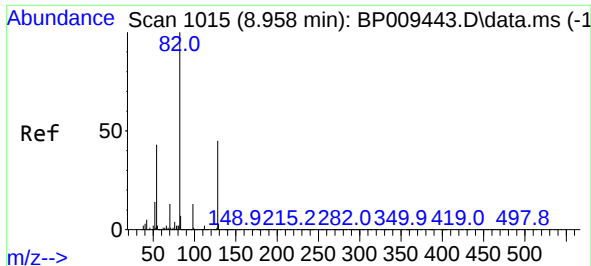


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04



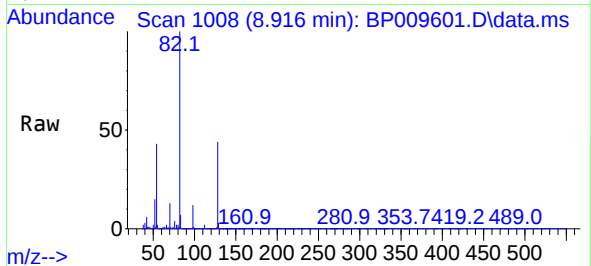
Tgt Ion:136 Resp: 972731
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.0 5.8 8.8
68 6.2 5.2 7.8





#23
Nitrobenzene-d5
Concen: 75.617 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

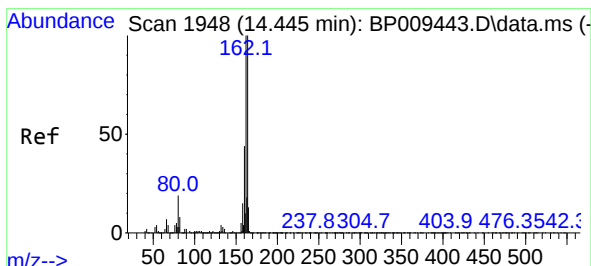
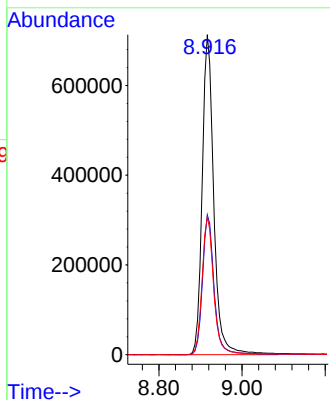
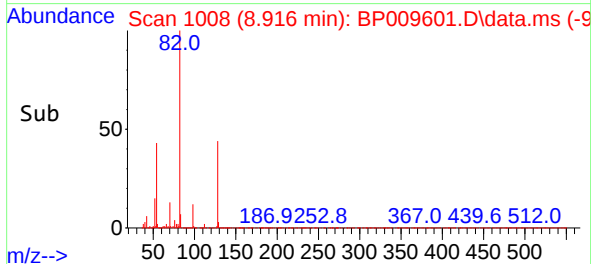
Instrument :
BNA_P
ClientSampleId :
PILE-LINDEN-PROPANE



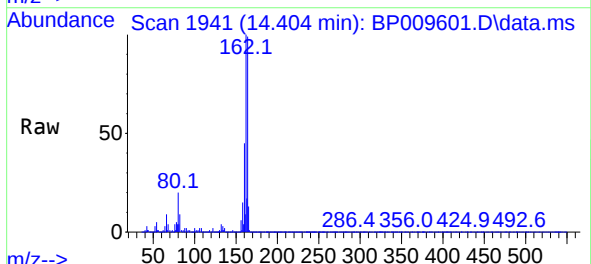
Tgt Ion: 82 Resp: 1384160
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 43.1 34.7 52.1

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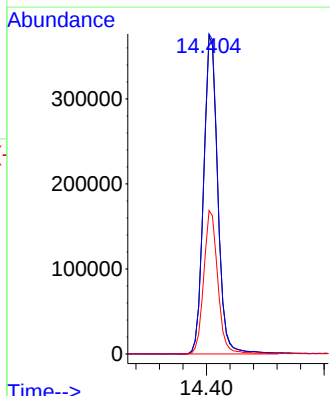
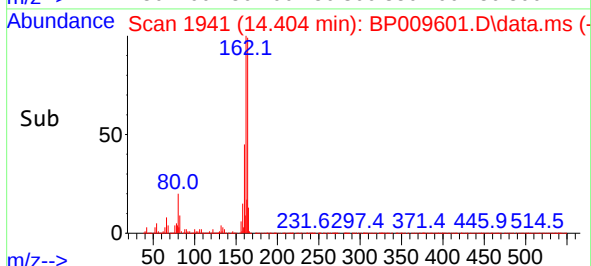
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04



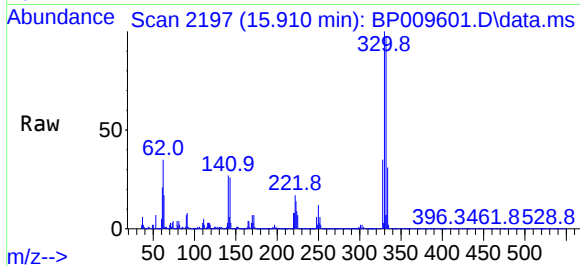
Tgt Ion:164 Resp: 623641
Ion Ratio Lower Upper
164 100
162 100.5 79.1 118.7
160 45.0 34.9 52.3





#42
2,4,6-Tribromophenol
Concen: 102.007 ng
RT: 15.910 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

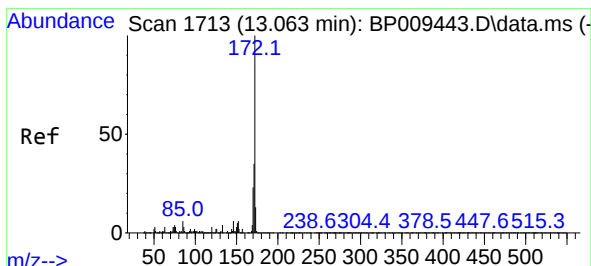
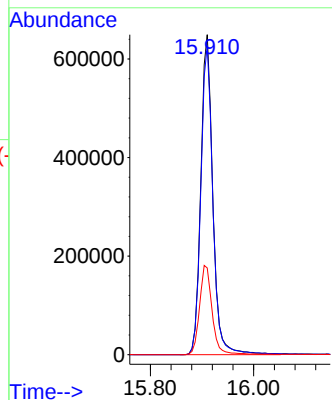
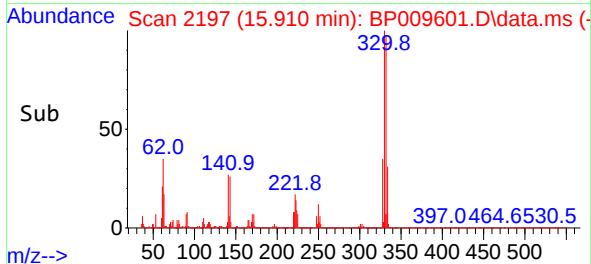
Instrument :
BNA_P
ClientSampleId :
PILE-LINDEN-PROPANE



Tgt Ion:330 Resp: 104977
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 29.2 27.6 41.4

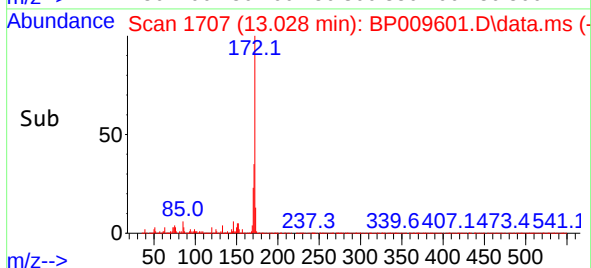
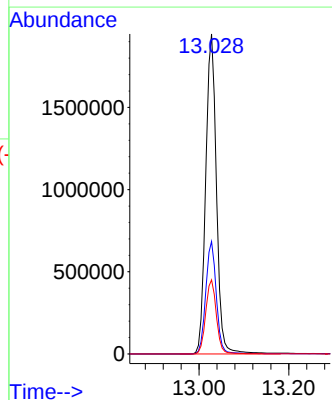
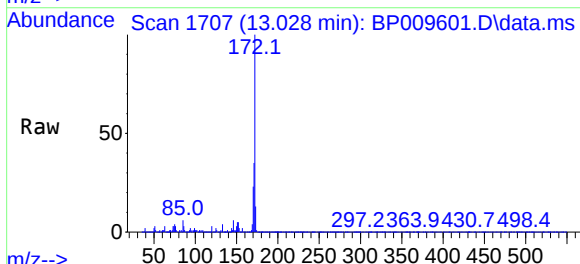
Manual Integrations
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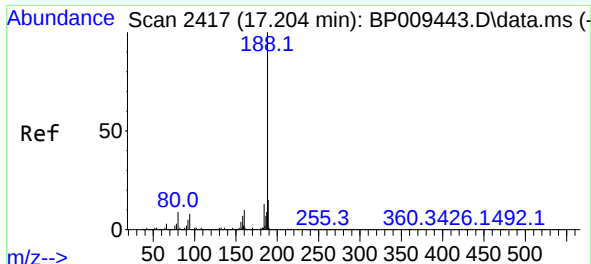
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#45
2-Fluorobiphenyl
Concen: 71.811 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

Tgt Ion:172 Resp: 3230528
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.1 18.6 27.8





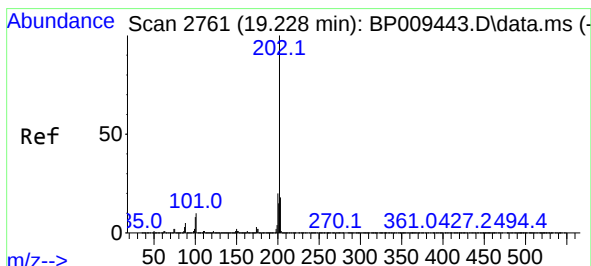
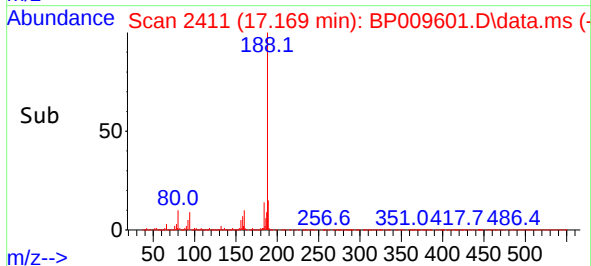
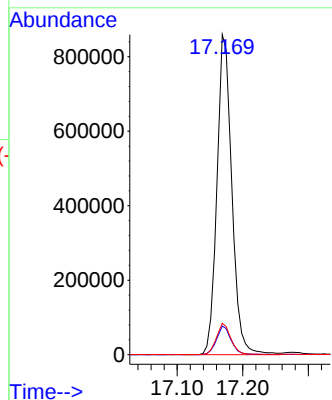
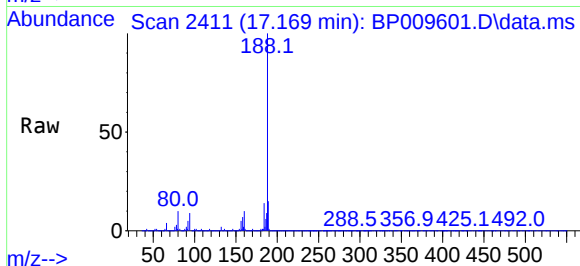
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

Instrument :
BNA_P
ClientSampleId :
PILE-LINDEN-PROPANE

Tgt Ion:188 Resp: 135133
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 9.8 8.8 13.2

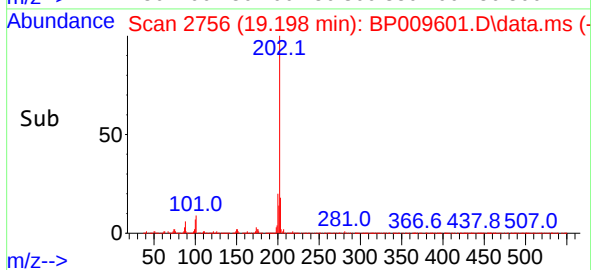
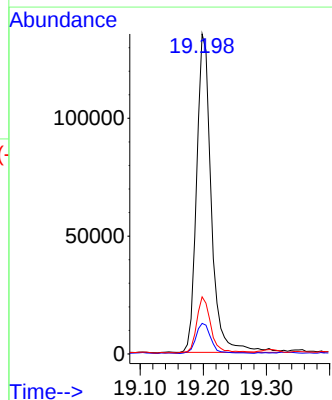
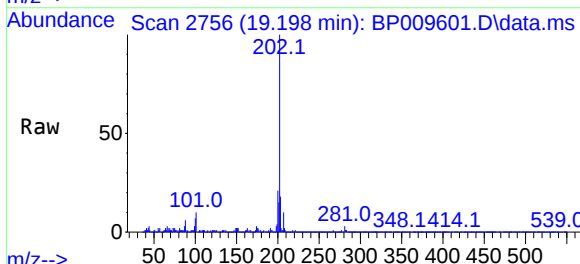
Manual Integrations
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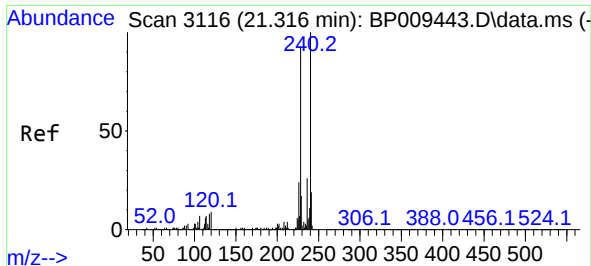
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#75
Fluoranthene
Concen: 2.489 ng
RT: 19.198 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

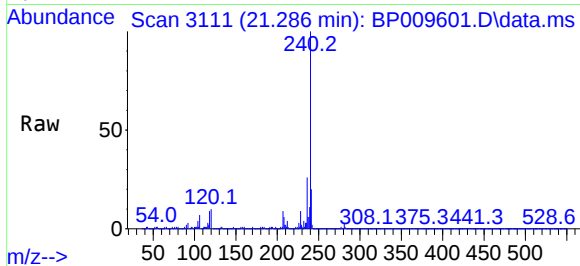
Tgt Ion:202 Resp: 217957
Ion Ratio Lower Upper
202 100
101 9.6 0.0 31.5
203 17.8 0.0 37.8





#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

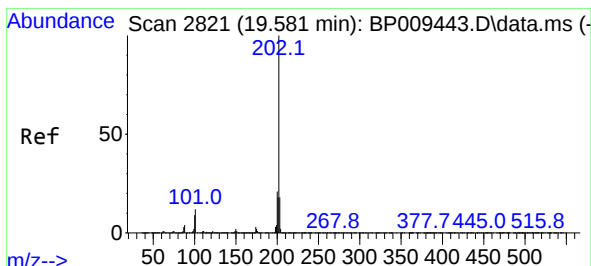
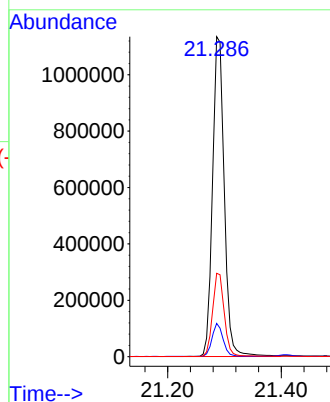
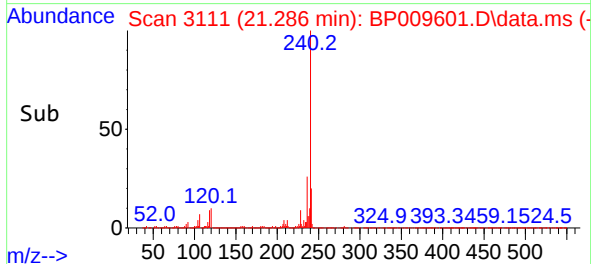
Instrument :
BNA_P
ClientSampleId :
PILE-LINDEN-PROPANE



Tgt Ion:240 Resp: 1620900
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 26.0 20.6 30.8

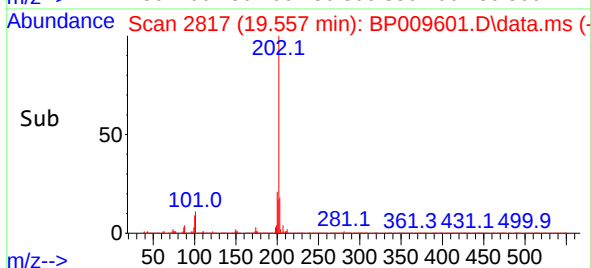
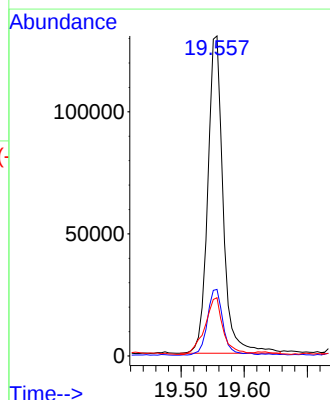
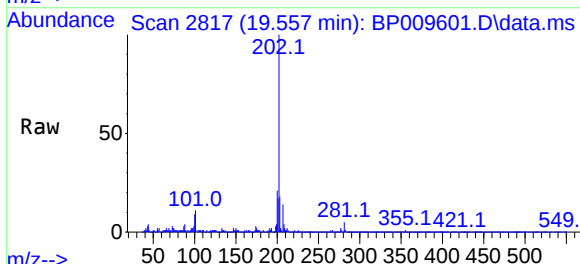
Manual Integrations
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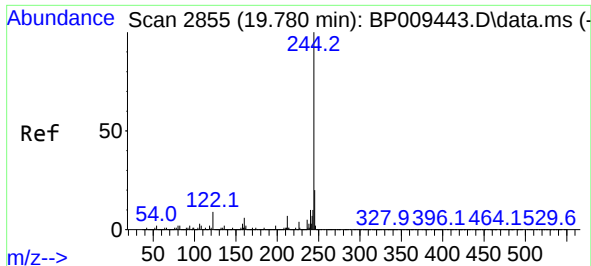
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#78
Pyrene
Concen: 2.066 ng
RT: 19.557 min Scan# 2817
Delta R.T. 0.000 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

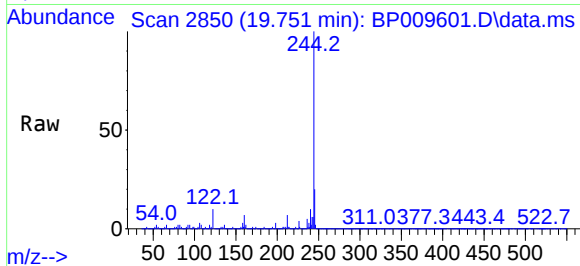
Tgt Ion:202 Resp: 220622
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 18.2 14.2 21.4





#79
Terphenyl-d14
Concen: 61.084 ng
RT: 19.751 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

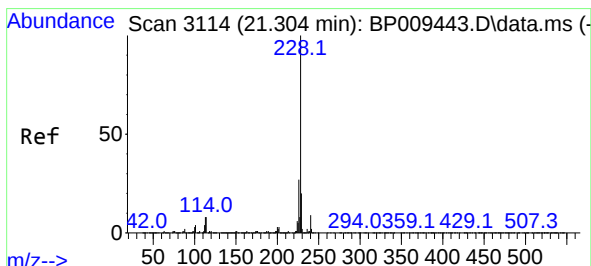
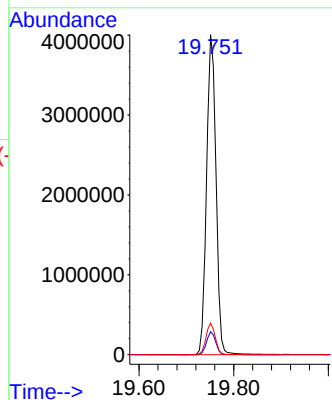
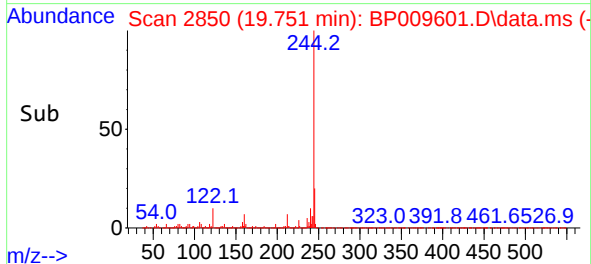
Instrument :
BNA_P
ClientSampleId :
PILE-LINDEN-PROPANE



Tgt Ion:244 Resp: 551628
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.8 8.3 12.5

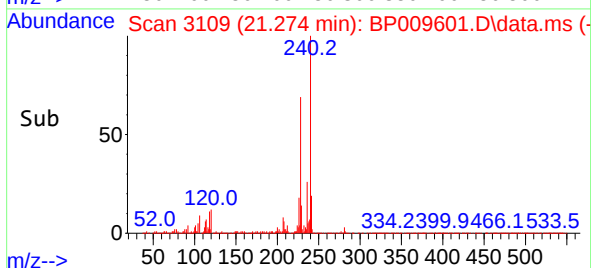
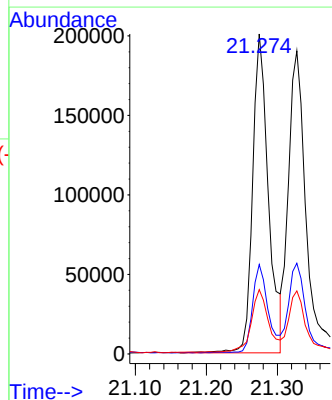
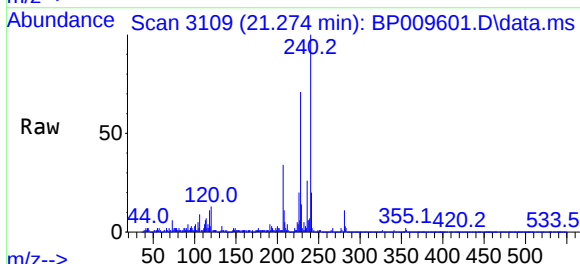
Manual Integrations
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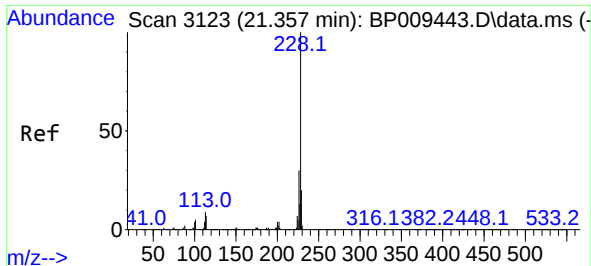
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#81
Benzo(a)anthracene
Concen: 2.913 ng
RT: 21.274 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

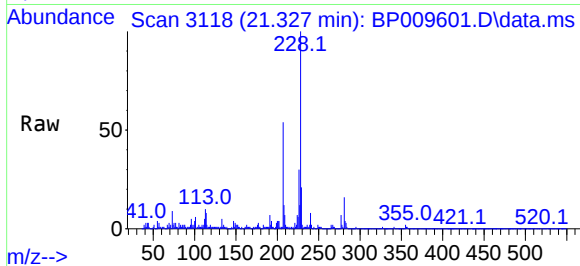
Tgt Ion:228 Resp: 310177
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 20.1 16.1 24.1





#83
Chrysene
Concen: 2.920 ng
RT: 21.327 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

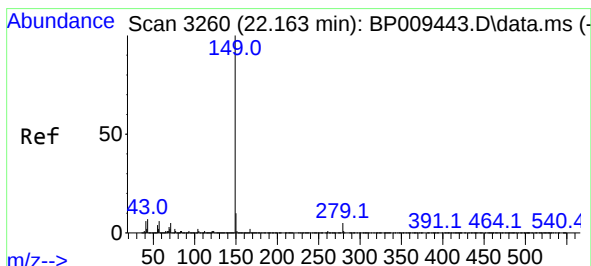
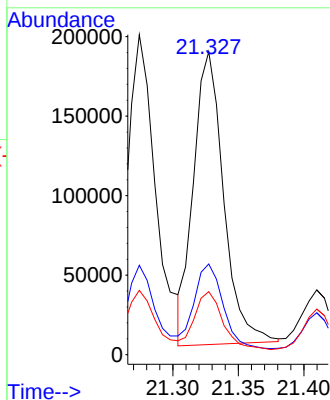
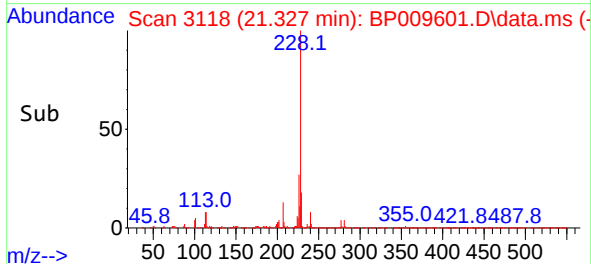
Instrument :
BNA_P
ClientSampleId :
PILE-LINDEN-PROPANE



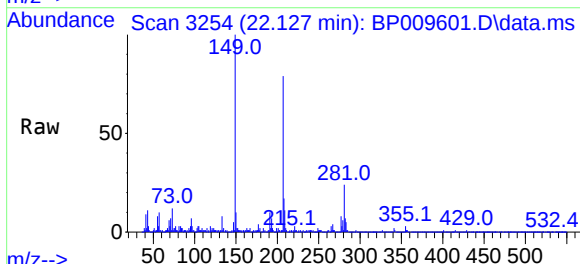
Tgt Ion:228 Resp: 294436
Ion Ratio Lower Upper
228 100
226 29.9 24.2 36.2
229 20.8 16.1 24.1

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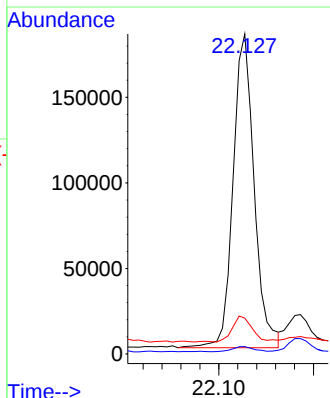
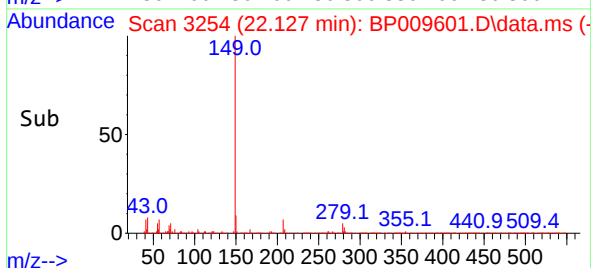
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022

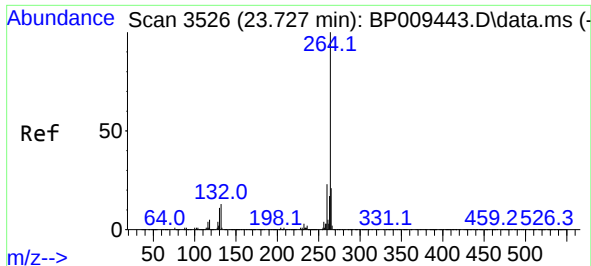


#85
Di-n-octyl phthalate
Concen: 2.597 ng
RT: 22.127 min Scan# 3254
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04



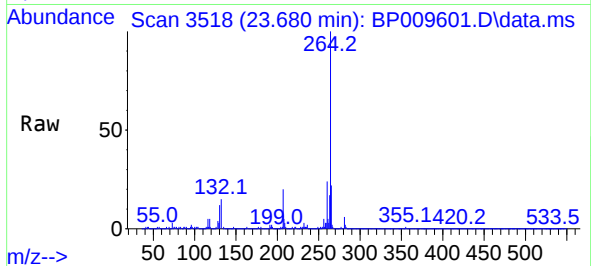
Tgt Ion:149 Resp: 283245
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.5 6.9 10.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

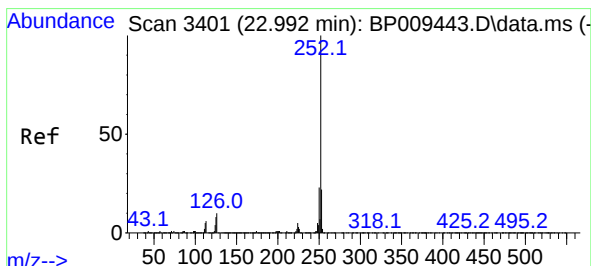
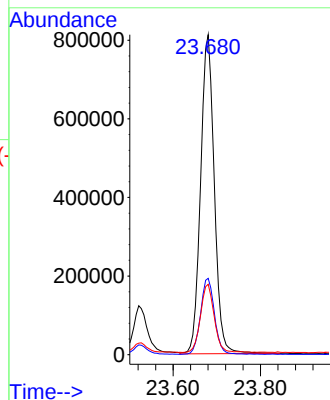
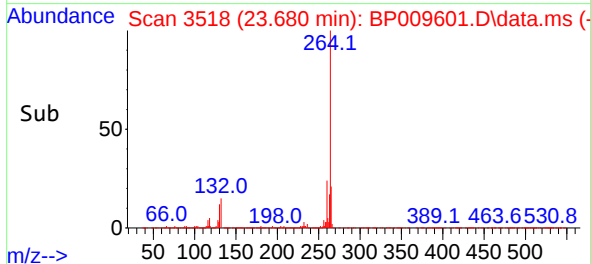
Instrument :
BNA_P
ClientSampleId :
PILE-LINDEN-PROPANE



Tgt Ion:264 Resp: 1772759
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.0
265 22.0 17.2 25.8

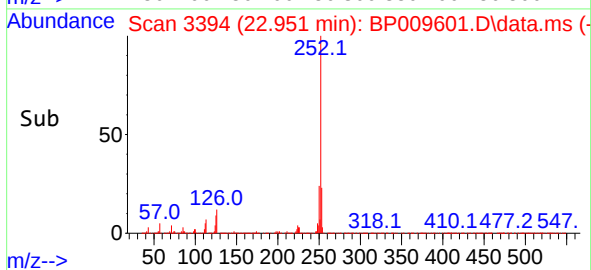
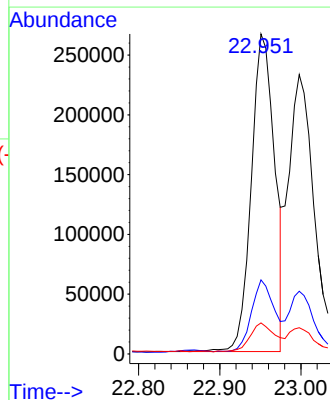
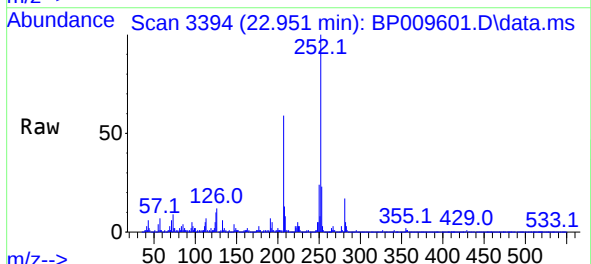
Manual Integrations
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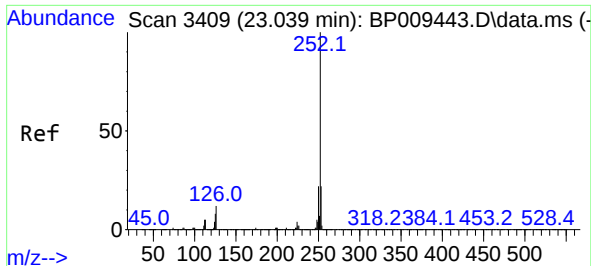
Reviewed By :Christian Giraldo 03/30/2022
Supervised By :Jagrut Upadhyay 03/30/2022



#88
Benzo(b)fluoranthene
Concen: 5.022 ng
RT: 22.951 min Scan# 3394
Delta R.T. -0.012 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

Tgt Ion:252 Resp: 531509
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 9.7 8.1 12.1





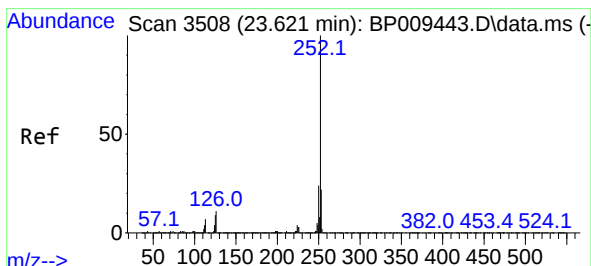
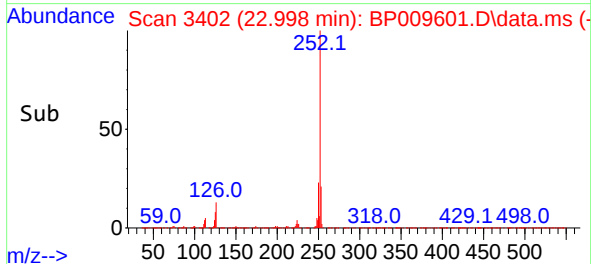
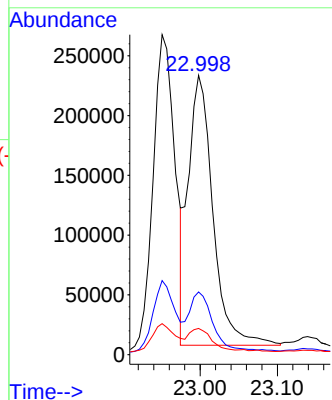
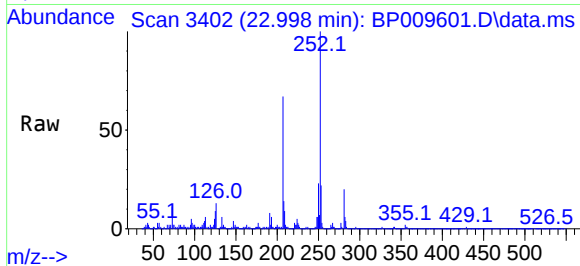
#89
Benzo(k)fluoranthene
Concen: 4.820 ng m
RT: 22.998 min Scan# 3409
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

Instrument :
BNA_P
ClientSampleId :
PILE-LINDEN-PROPANE

Tgt Ion:252 Resp: 499380
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 9.4 8.3 12.5

Manual Integrations
APPROVED

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



#90
Benzo(a)pyrene
Concen: 4.428 ng
RT: 23.574 min Scan# 3500
Delta R.T. -0.006 min
Lab File: BP009601.D
Acq: 29 Mar 2022 19:04

Tgt Ion:252 Resp: 400890
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.1 9.3 13.9

