

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
 Data File : BP009205.D
 Acq On : 17 Feb 2022 20:40
 Operator : CG/JU
 Sample : N1466-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A5-10-4.0

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/18/2022
 Supervised By : mohammad ahmed 02/18/2022

Quant Time: Feb 18 01:55:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	248408	20.000	ng	0.00
21) Naphthalene-d8	10.592	136	735769	20.000	ng	# 0.01
39) Acenaphthene-d10	14.439	164	681922	20.000	ng	0.01
64) Phenanthrene-d10	17.198	188	1302825	20.000	ng	0.01
76) Chrysene-d12	21.280	240	1263462	20.000	ng	0.00
86) Perylene-d12	23.668	264	1130137	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1120095	80.433	ng	0.00
7) Phenol-d6	6.975	99	1530219	83.393	ng	0.00
23) Nitrobenzene-d5	8.963	82	1047076	80.254	ng	0.02
42) 2,4,6-Tribromophenol	15.945	330	787747	86.519	ng	0.01
45) 2-Fluorobiphenyl	13.057	172	2803821	57.559	ng	0.00
79) Terphenyl-d14	19.751	244	4344459	61.836	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.657	128	16512844	440.026	ng	95
37) 2-Methylnaphthalene	12.280	142	16411094	617.986	ng	96
38) 1-Methylnaphthalene	12.492	142	9731072m	375.011	ng	
46) 1,1'-Biphenyl	13.269	154	1599939	31.934	ng	97
52) Acenaphthene	14.504	154	442854	12.126	ng	# 84
58) Fluorene	15.492	166	1288706	27.263	ng	# 86
71) Phenanthrene	17.239	178	3729928	52.874	ng	97
75) Fluoranthene	19.204	202	162220	2.052	ng	69
78) Pyrene	19.557	202	540082	6.009	ng	# 91
84) Bis(2-ethylhexyl)phtha...	21.180	149	144985	3.547	ng	98

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

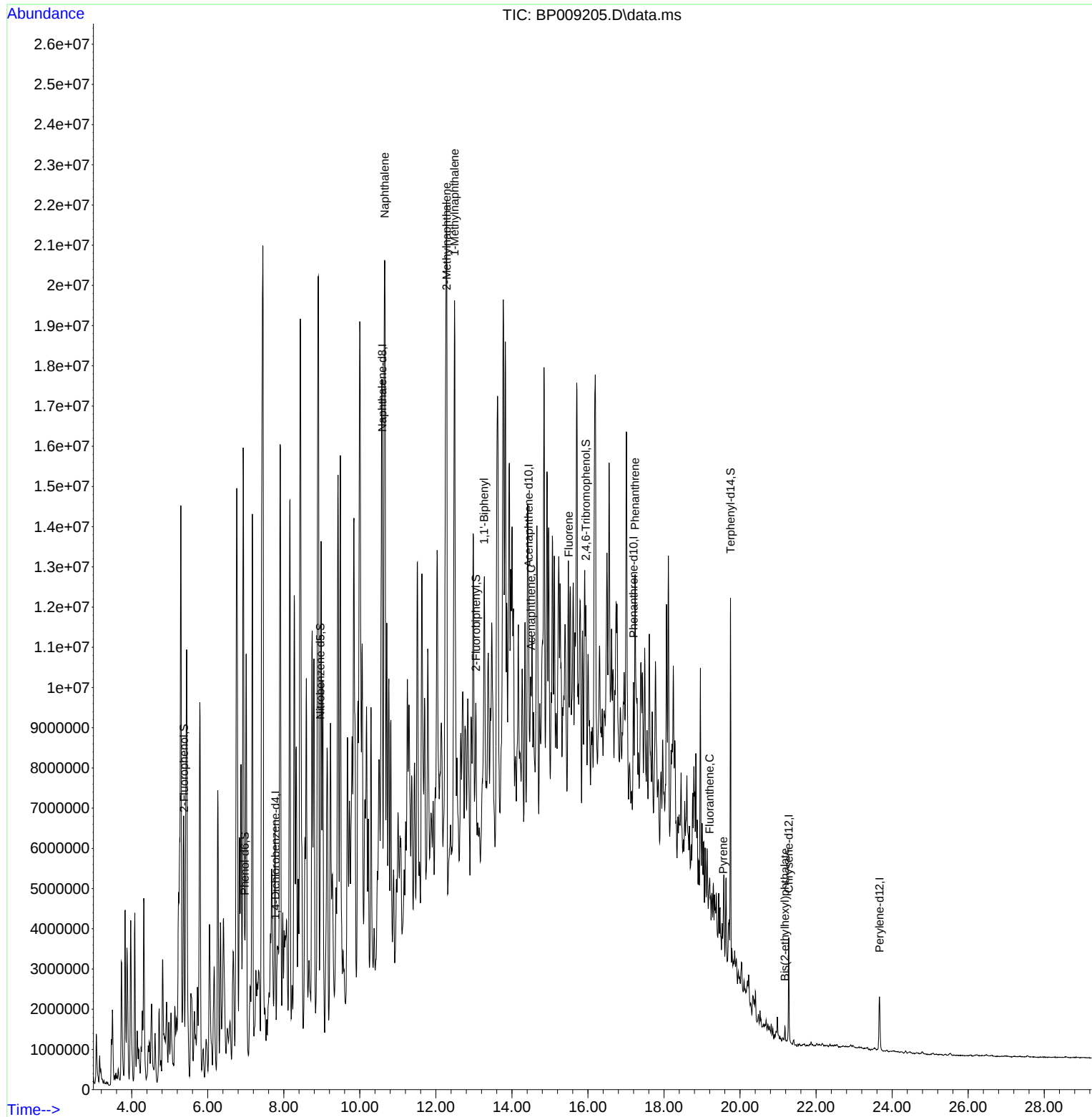
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
Data File : BP009205.D
Acq On : 17 Feb 2022 20:40
Operator : CG/JU
Sample : N1466-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

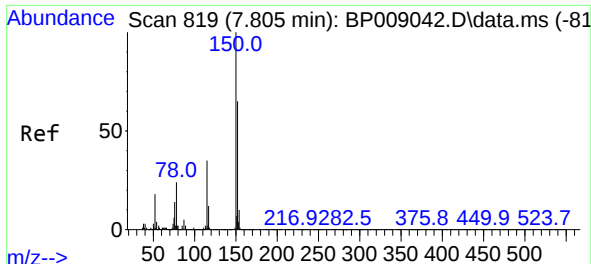
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0

Quant Time: Feb 18 01:55:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 02/18/2022
Supervised By : mohammad ahmed 02/18/2022





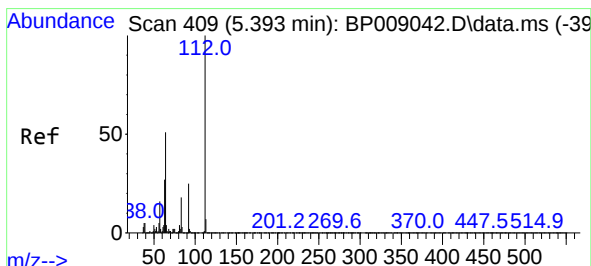
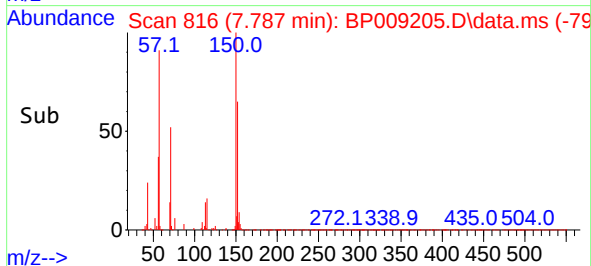
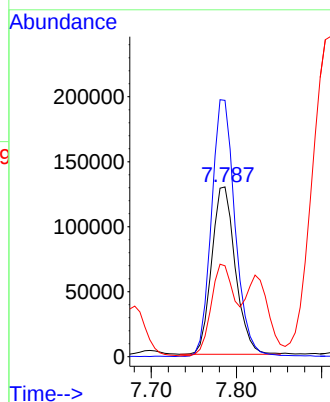
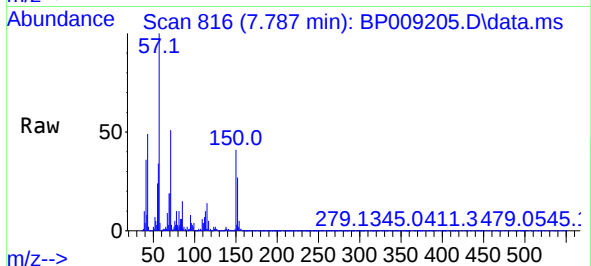
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 819
Delta R.T. 0.006 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

Instrument :
BNA_P
ClientSampleId :
A5-10-4.0

Tgt Ion:152 Resp: 248408
Ion Ratio Lower Upper
152 100
150 150.9 127.0 190.6
115 53.5 43.7 65.5

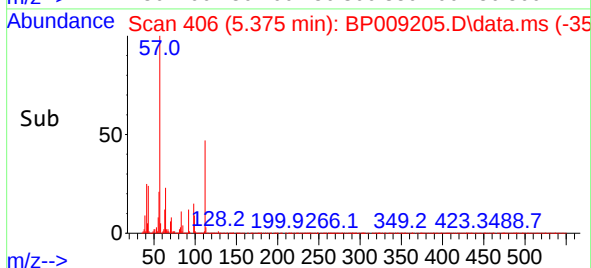
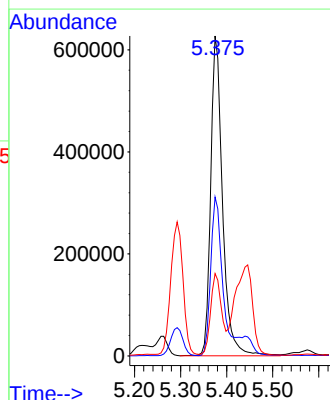
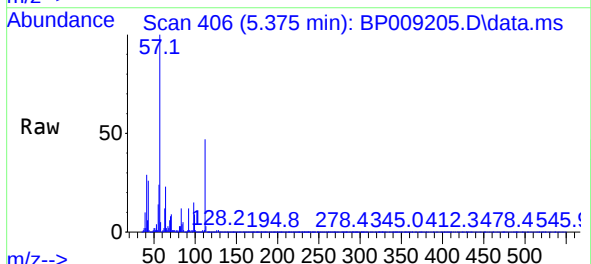
Manual Integrations
APPROVED

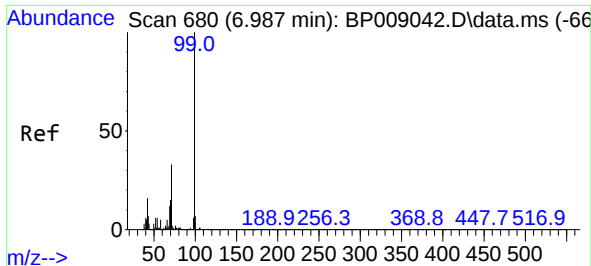
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022



#5
2-Fluorophenol
Concen: 80.433 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.006 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

Tgt Ion:112 Resp: 1120095
Ion Ratio Lower Upper
112 100
64 49.7 39.7 59.5
63 25.8 20.0 30.0





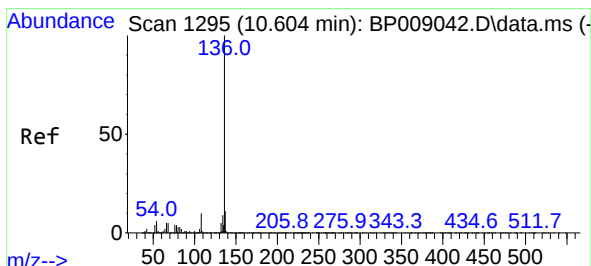
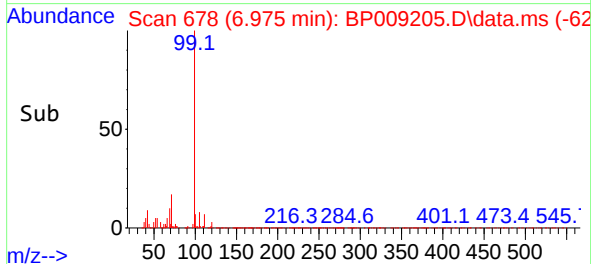
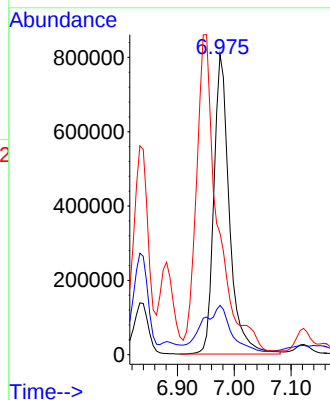
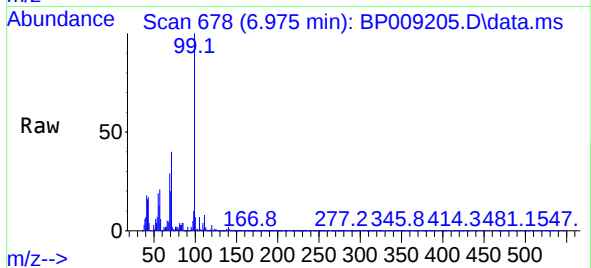
Phenol-d6
Concen: 83.393 ng
RT: 6.975 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

Instrument :
BNA_P
ClientSampleId :
A5-10-4.0

Tgt Ion: 99 Resp: 1530219
Ion Ratio Lower Upper
99 100
42 16.4 10.8 16.2#
71 40.5 23.8 35.6#

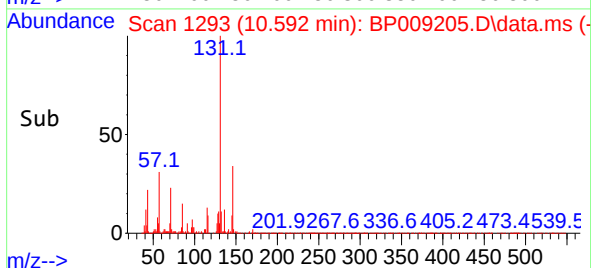
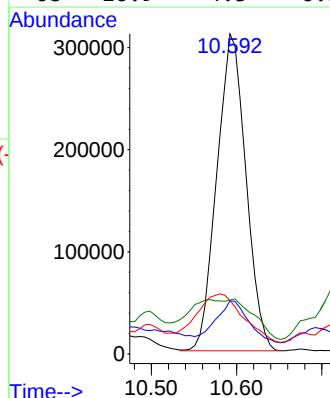
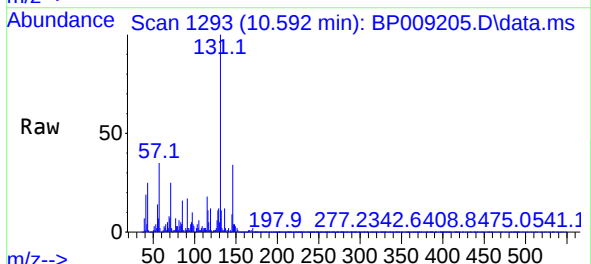
Manual Integrations
APPROVED

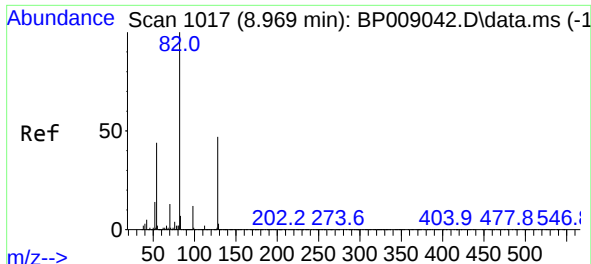
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.592 min Scan# 1293
Delta R.T. 0.011 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

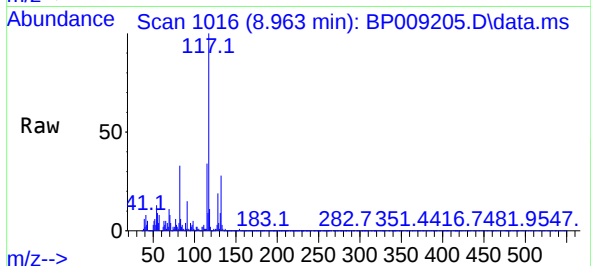
Tgt Ion:136 Resp: 735769
Ion Ratio Lower Upper
136 100
137 16.6 9.0 13.4#
54 16.7 4.9 7.3#
68 16.9 4.3 6.5#





#23
Nitrobenzene-d5
Concen: 80.254 ng
RT: 8.963 min Scan# 1017
Delta R.T. 0.017 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

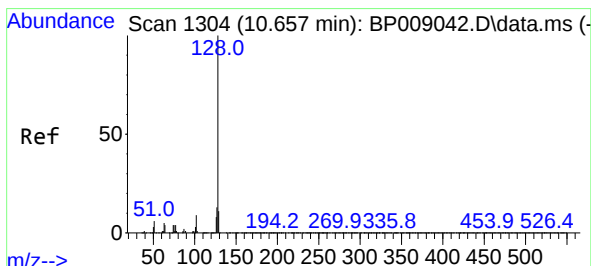
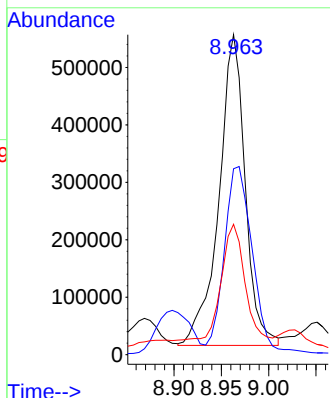
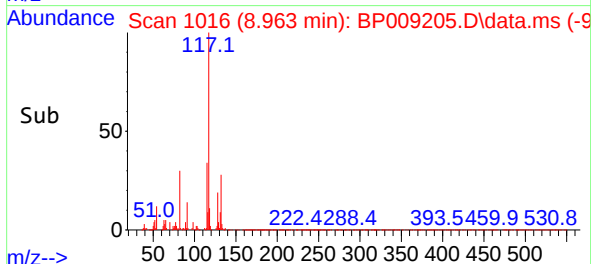
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0



Tgt Ion: 82 Resp: 1047070
Ion Ratio Lower Upper
82 100
128 58.1 39.4 59.2
54 40.8 32.6 48.8

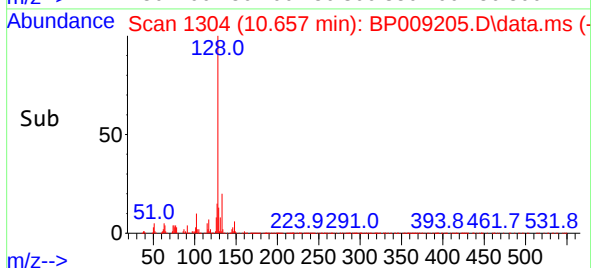
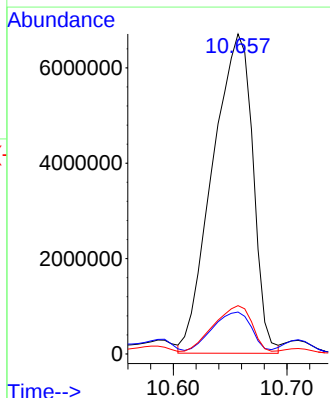
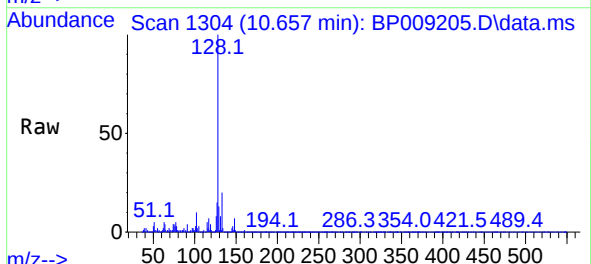
Manual Integrations
APPROVED

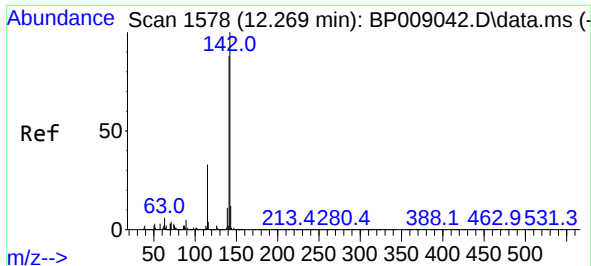
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022



#31
Naphthalene
Concen: 440.026 ng
RT: 10.657 min Scan# 1304
Delta R.T. 0.029 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

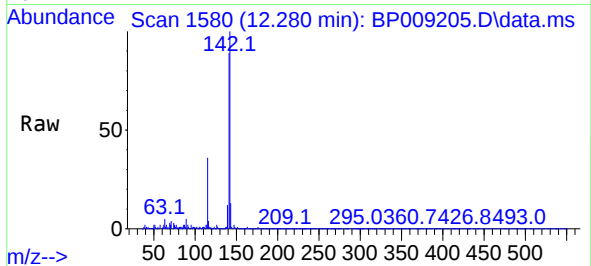
Tgt Ion:128 Resp:16512844
Ion Ratio Lower Upper
128 100
129 13.1 8.8 13.2
127 15.1 10.4 15.6





#37
2-Methylnaphthalene
Concen: 617.986 ng
RT: 12.280 min Scan# 1578
Delta R.T. 0.035 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

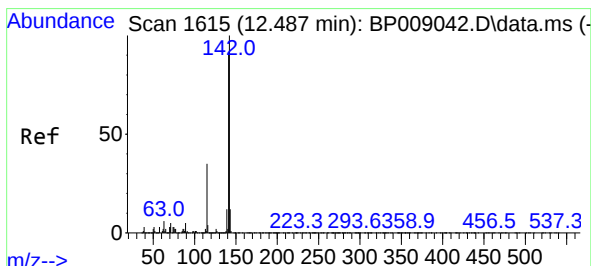
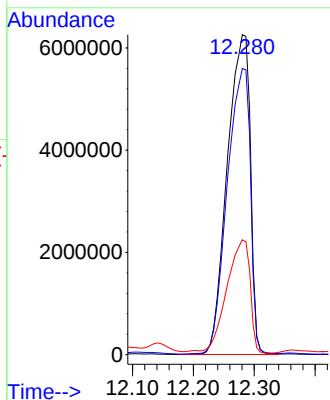
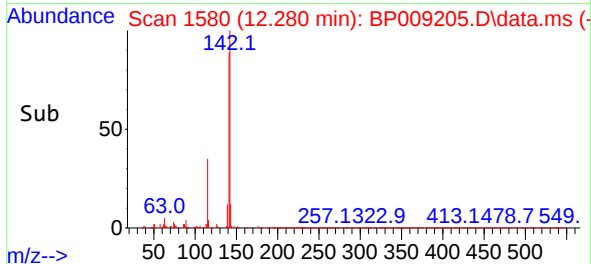
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0



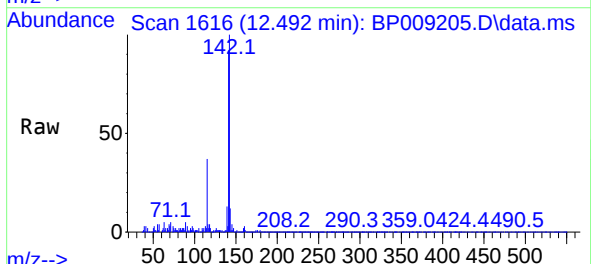
Tgt Ion:142 Resp:16411094
Ion Ratio Lower Upper
142 100
141 89.4 70.5 105.7
115 35.9 24.6 36.8

Manual Integrations
APPROVED

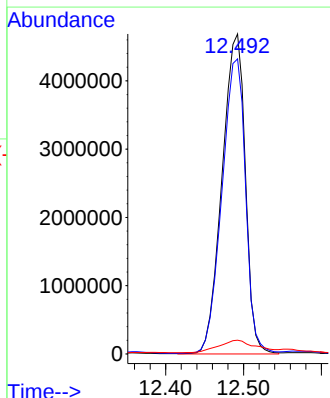
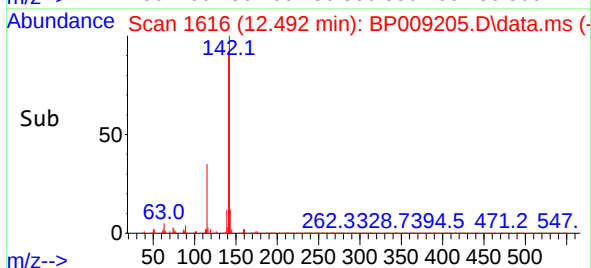
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022

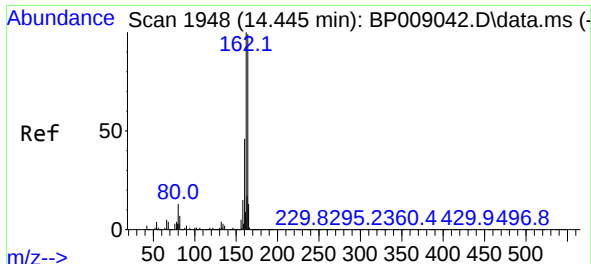


#38
1-Methylnaphthalene
Concen: 375.011 ng m
RT: 12.492 min Scan# 1616
Delta R.T. 0.029 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40



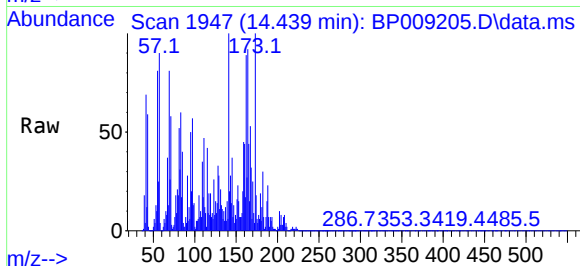
Tgt Ion:142 Resp: 9731072
Ion Ratio Lower Upper
142 100
141 92.2 73.2 109.8
116 4.3 2.7 4.1#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1948
Delta R.T. 0.011 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

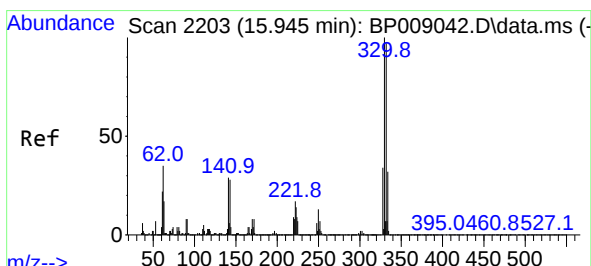
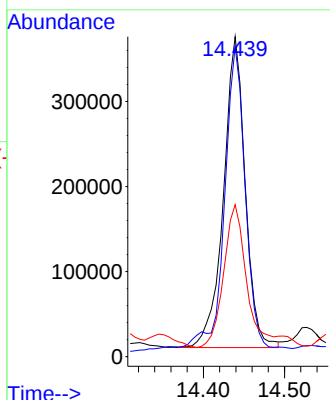
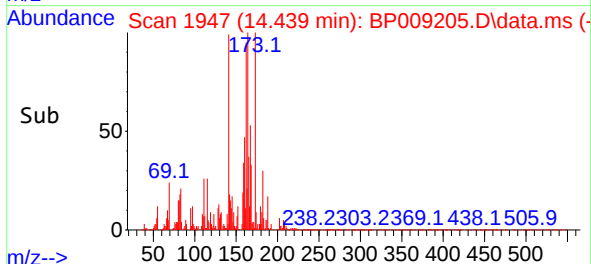
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0



Tgt Ion:164 Resp: 68192
Ion Ratio Lower Upper
164 100
162 97.0 79.9 119.9
160 47.5 35.5 53.3

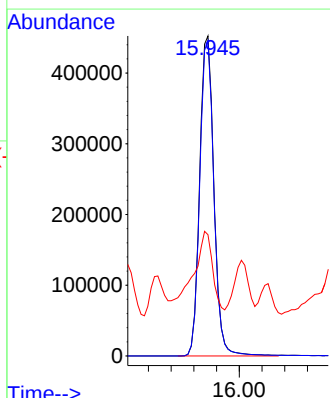
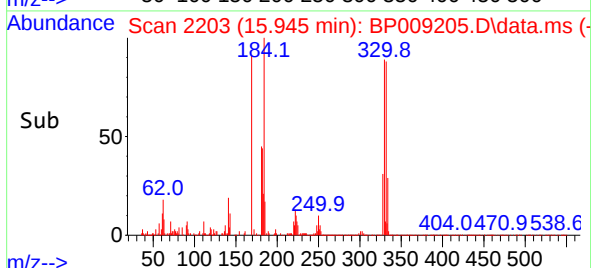
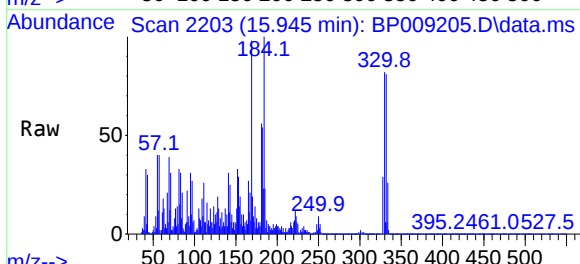
Manual Integrations
APPROVED

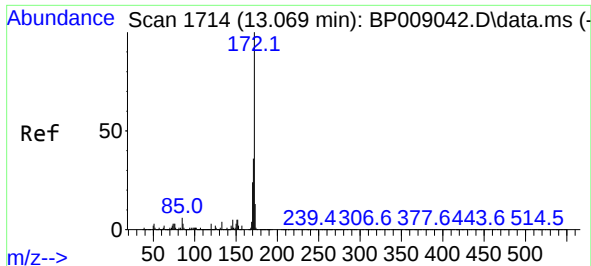
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022



#42
2,4,6-Tribromophenol
Concen: 86.519 ng
RT: 15.945 min Scan# 2203
Delta R.T. 0.011 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

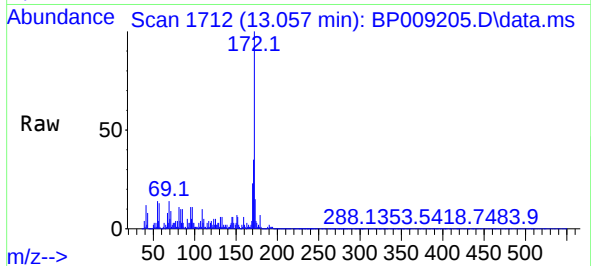
Tgt Ion:330 Resp: 787747
Ion Ratio Lower Upper
330 100
332 98.1 77.0 115.4
141 32.3 21.3 31.9#





#45
2-Fluorobiphenyl
Concen: 57.559 ng
RT: 13.057 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

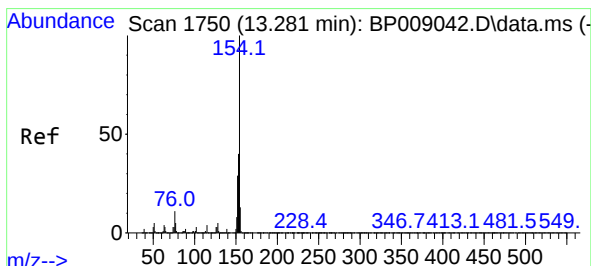
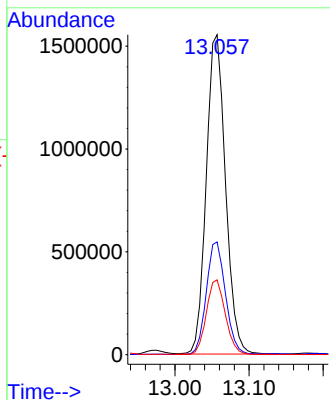
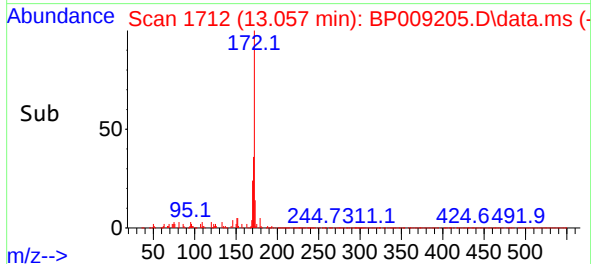
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0



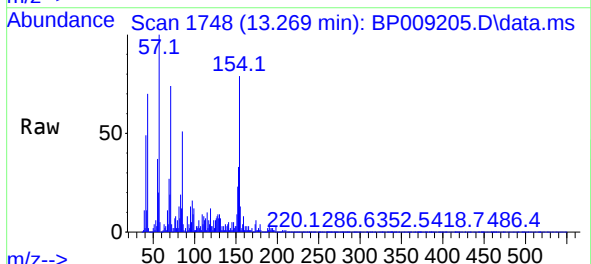
Tgt Ion:172 Resp: 280382
Ion Ratio Lower Upper
172 100
171 35.3 29.3 43.9
170 23.4 19.5 29.3

Manual Integrations
APPROVED

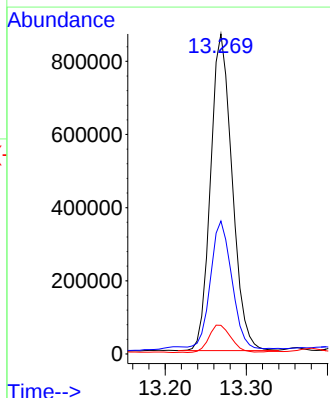
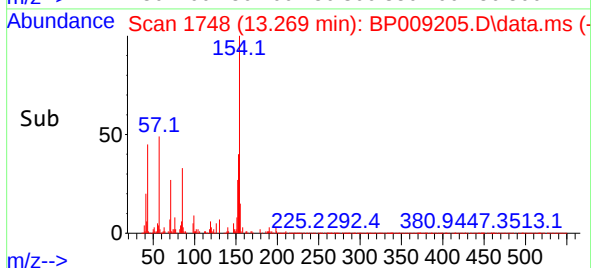
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022

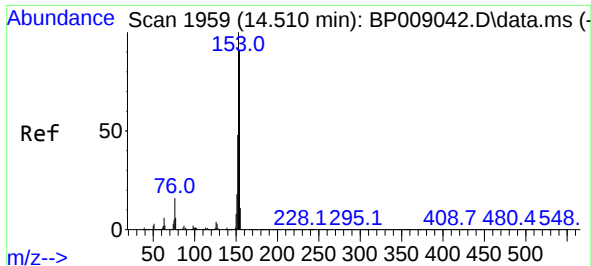


#46
1,1'-Biphenyl
Concen: 31.934 ng
RT: 13.269 min Scan# 1748
Delta R.T. 0.006 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40



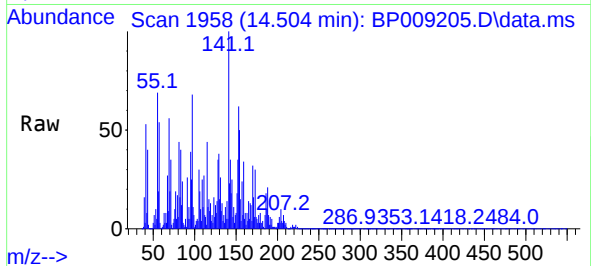
Tgt Ion:154 Resp: 1599939
Ion Ratio Lower Upper
154 100
153 41.6 20.3 60.3
76 9.0 0.0 31.1





#52
Acenaphthene
Concen: 12.126 ng
RT: 14.504 min Scan# 1958
Delta R.T. 0.011 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

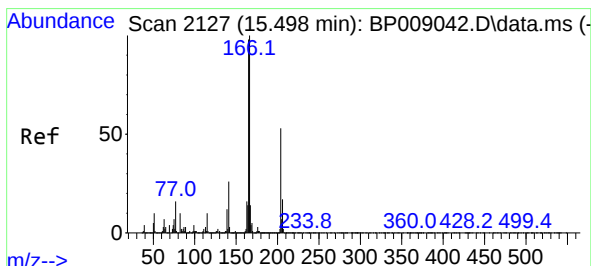
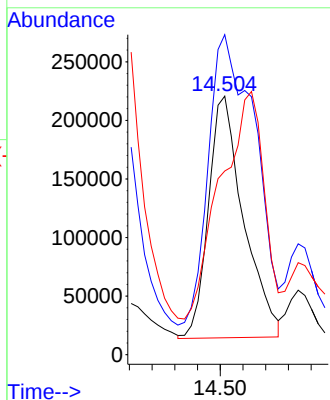
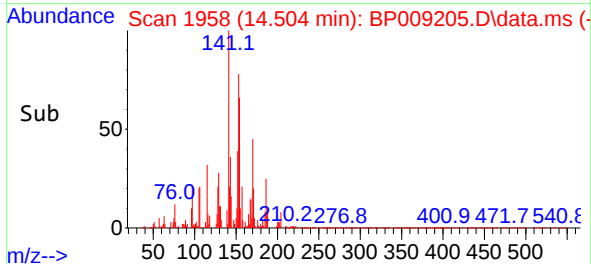
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0



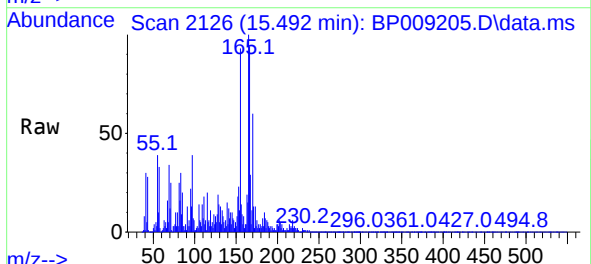
Tgt Ion:154 Resp: 442854
Ion Ratio Lower Upper
154 100
153 123.7 89.4 134.2
152 71.0 42.6 63.8

Manual Integrations
APPROVED

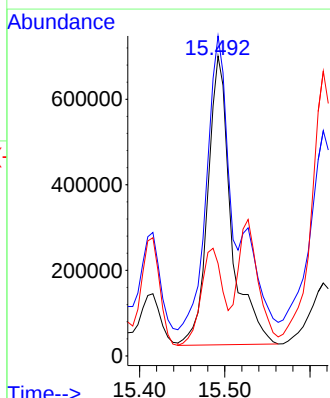
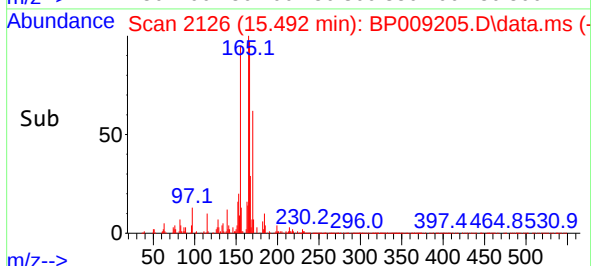
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022

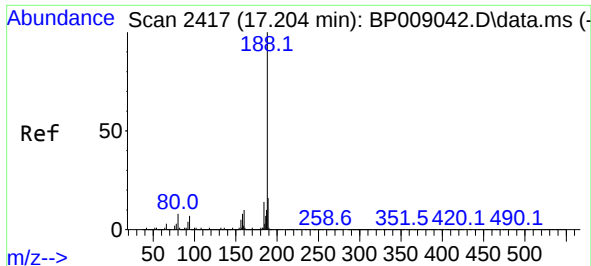


#58
Fluorene
Concen: 27.263 ng
RT: 15.492 min Scan# 2126
Delta R.T. 0.011 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40



Tgt Ion:166 Resp: 1288706
Ion Ratio Lower Upper
166 100
165 106.7 77.2 115.8
167 30.8 11.2 16.8





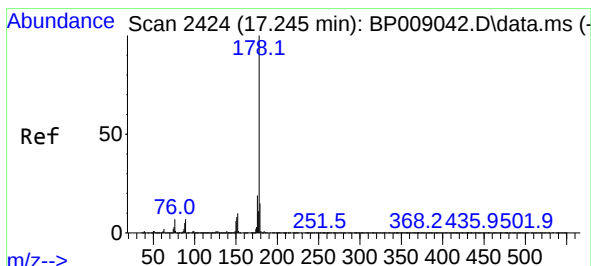
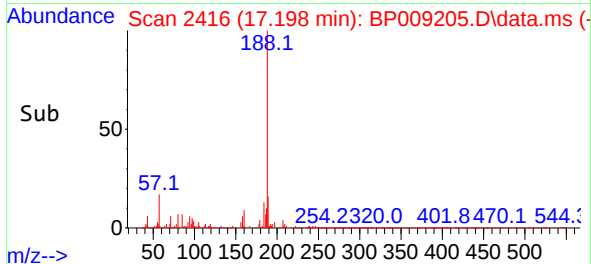
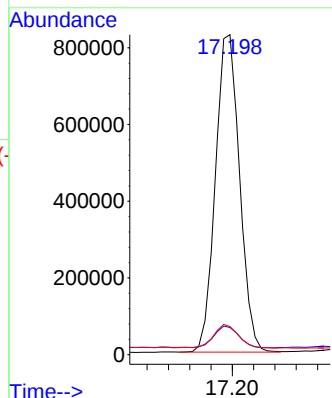
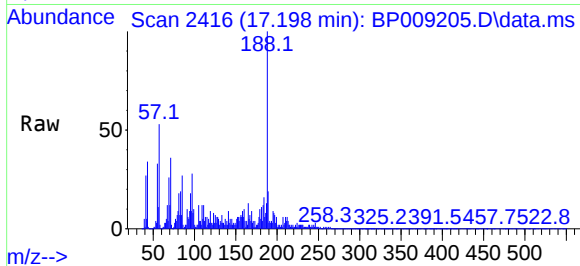
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2416
Delta R.T. 0.011 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

Instrument :
BNA_P
ClientSampleId :
A5-10-4.0

Tgt Ion:188 Resp: 1302825
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 8.8 7.2 10.8

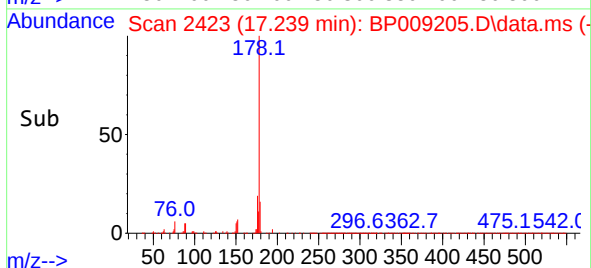
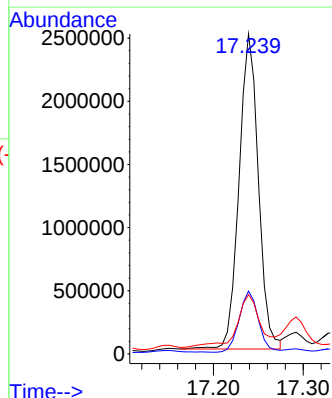
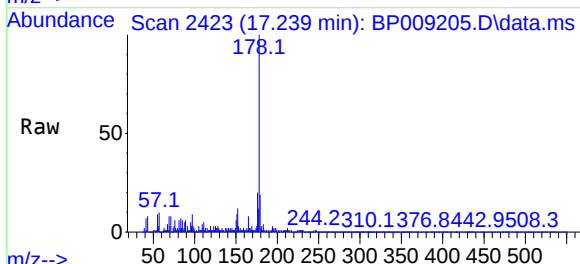
Manual Integrations
APPROVED

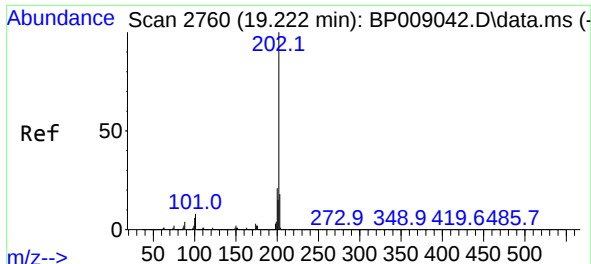
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022



#71
Phenanthrene
Concen: 52.874 ng
RT: 17.239 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

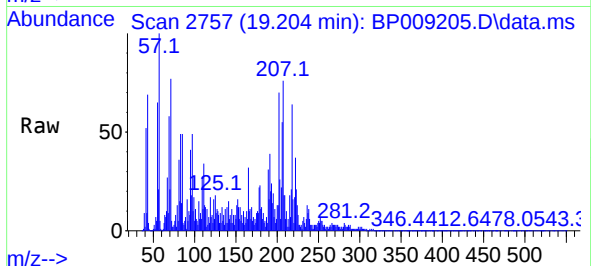
Tgt Ion:178 Resp: 3729928
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 18.6 13.0 19.4





#75
Fluoranthene
Concen: 2.052 ng
RT: 19.204 min Scan# 2110
Delta R.T. -0.000 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

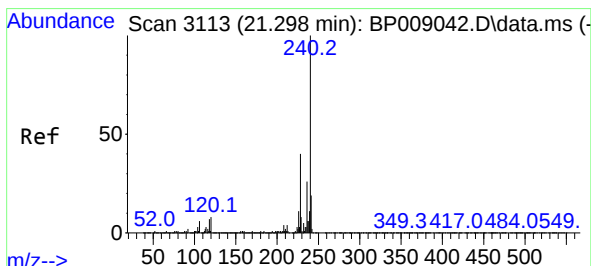
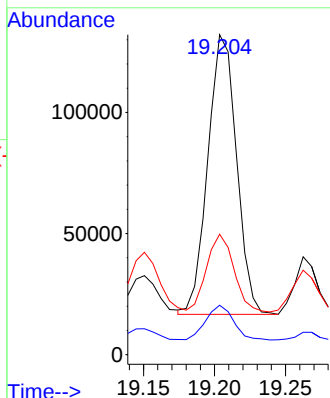
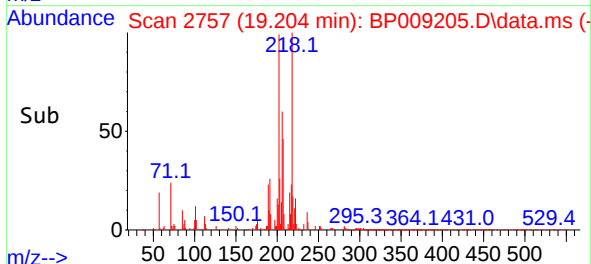
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0



Tgt Ion:202 Resp: 162220
Ion Ratio Lower Upper
202 100
101 15.4 0.0 30.7
203 37.7 0.0 38.9

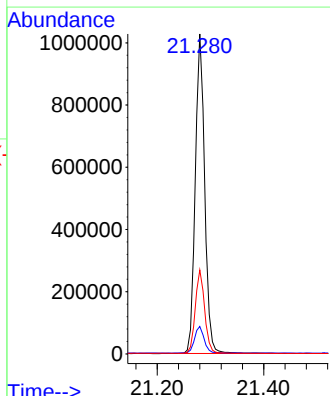
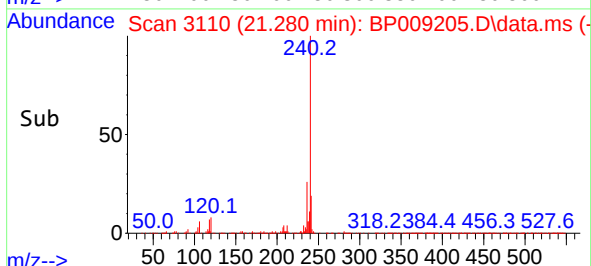
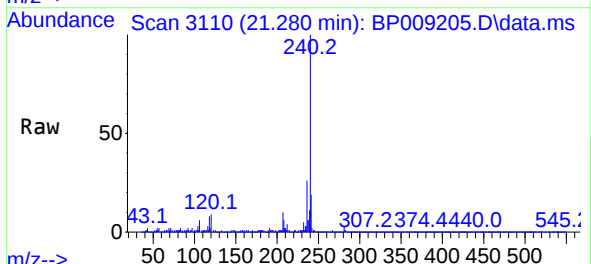
Manual Integrations
APPROVED

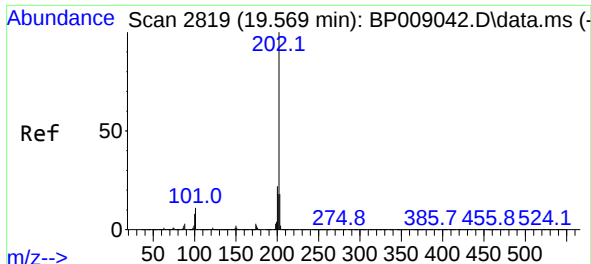
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

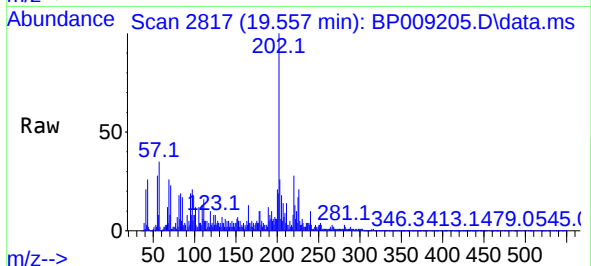
Tgt Ion:240 Resp: 1263462
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 26.2 21.2 31.8





#78
Pyrene
Concen: 6.009 ng
RT: 19.557 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

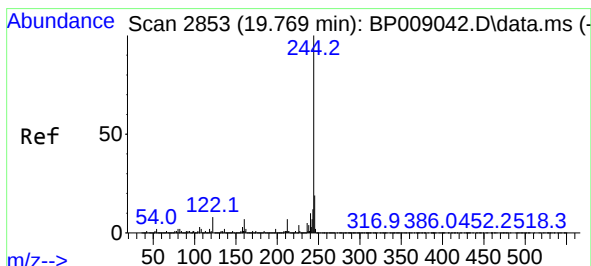
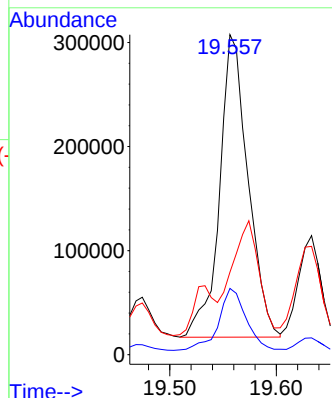
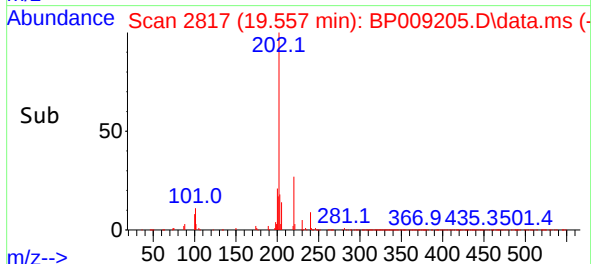
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0



Tgt Ion:202 Resp: 540081
Ion Ratio Lower Upper
202 100
200 20.7 18.0 27.0
203 25.8 15.0 22.6

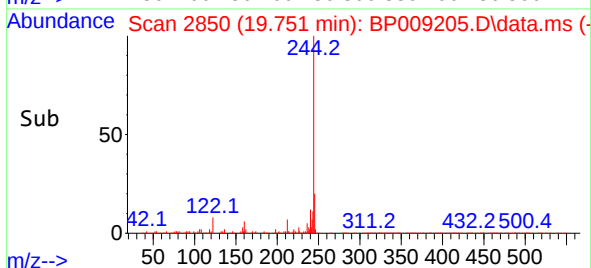
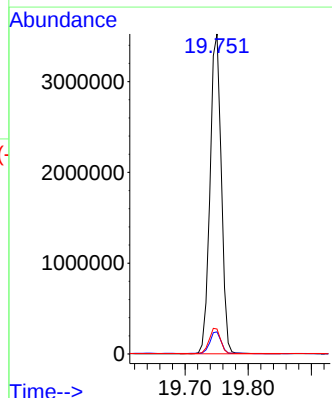
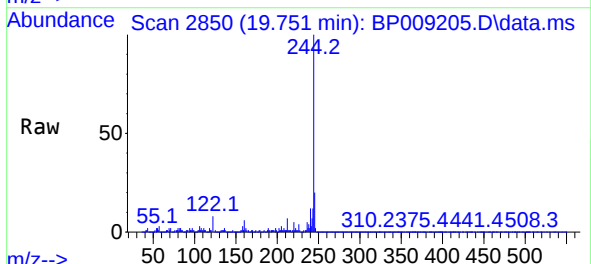
Manual Integrations
APPROVED

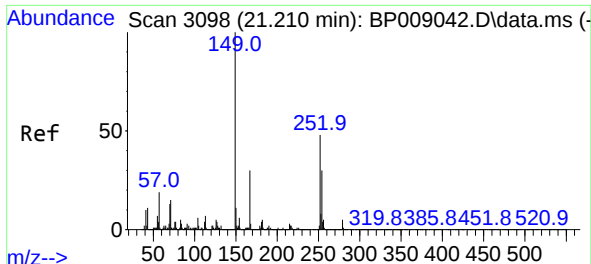
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022



#79
Terphenyl-d14
Concen: 61.836 ng
RT: 19.751 min Scan# 2850
Delta R.T. -0.000 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

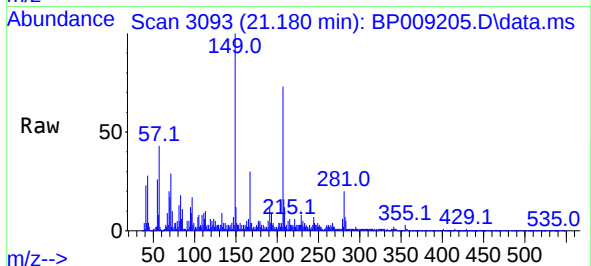
Tgt Ion:244 Resp: 4344459
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 7.8 9.2 13.8





#84
Bis(2-ethylhexyl)phthalate
Concen: 3.547 ng
RT: 21.180 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

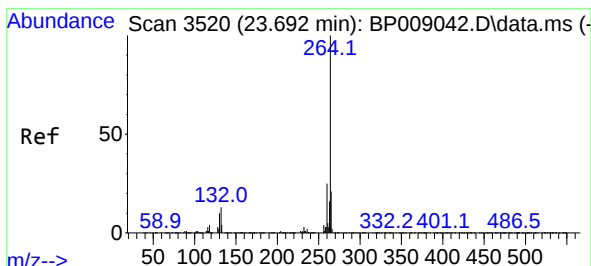
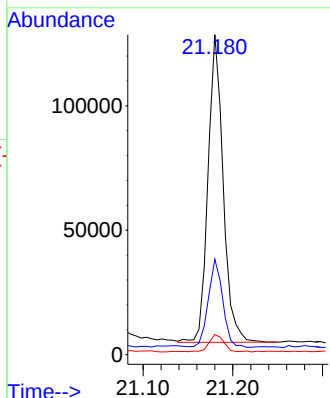
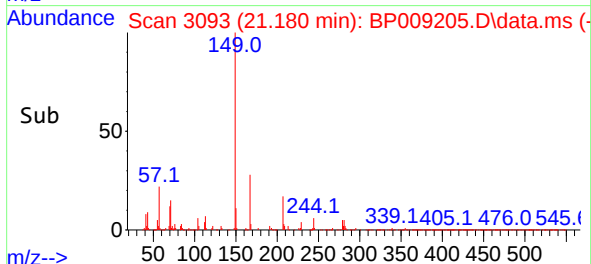
Instrument :
BNA_P
ClientSampleId :
A5-10-4.0



Tgt Ion:149 Resp: 144985
Ion Ratio Lower Upper
149 100
167 29.8 25.0 37.4
279 6.3 4.8 7.2

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/18/2022
Supervised By :mohammad ahmed 02/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.668 min Scan# 3516
Delta R.T. -0.006 min
Lab File: BP009205.D
Acq: 17 Feb 2022 20:40

Tgt Ion:264 Resp: 1130137
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 22.5 17.1 25.7

