

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
 Data File : BP009177.D
 Acq On : 16 Feb 2022 14:23
 Operator : CG/JU
 Sample : N1514-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PR-2

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 02/17/2022
 Supervised By :Jagrut Upadhyay 02/17/2022

Quant Time: Feb 16 14:58:07 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	7.781	152	218468	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	810443	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	523593	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	899749	20.000	ng	0.00
76) Chrysene-d12	21.322	240	488022	20.000	ng	# 0.04
86) Perylene-d12	23.751	264	906597	20.000	ng	# 0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	940470	76.790	ng	0.00
7) Phenol-d6	6.981	99	1139431	70.606	ng	0.00
23) Nitrobenzene-d5	8.946	82	719459	50.063	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	550830	78.792	ng	0.00
45) 2-Fluorobiphenyl	13.046	172	1967393	52.601	ng	0.00
79) Terphenyl-d14	19.775	244	1913635	70.516	ng	0.02
Target Compounds						Qvalue
32) Benzoic acid	9.963	122	3735m	3.188	ng	
78) Pyrene	19.580	202	90586	2.609	ng	# 17
81) Benzo(a)anthracene	21.339	228	95924	3.050	ng	# 13
84) Bis(2-ethylhexyl)phtha...	21.216	149	595910	37.739	ng	# 81
92) Benzo(g,h,i)perylene	27.051	276	255509	4.636	ng	# 58

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

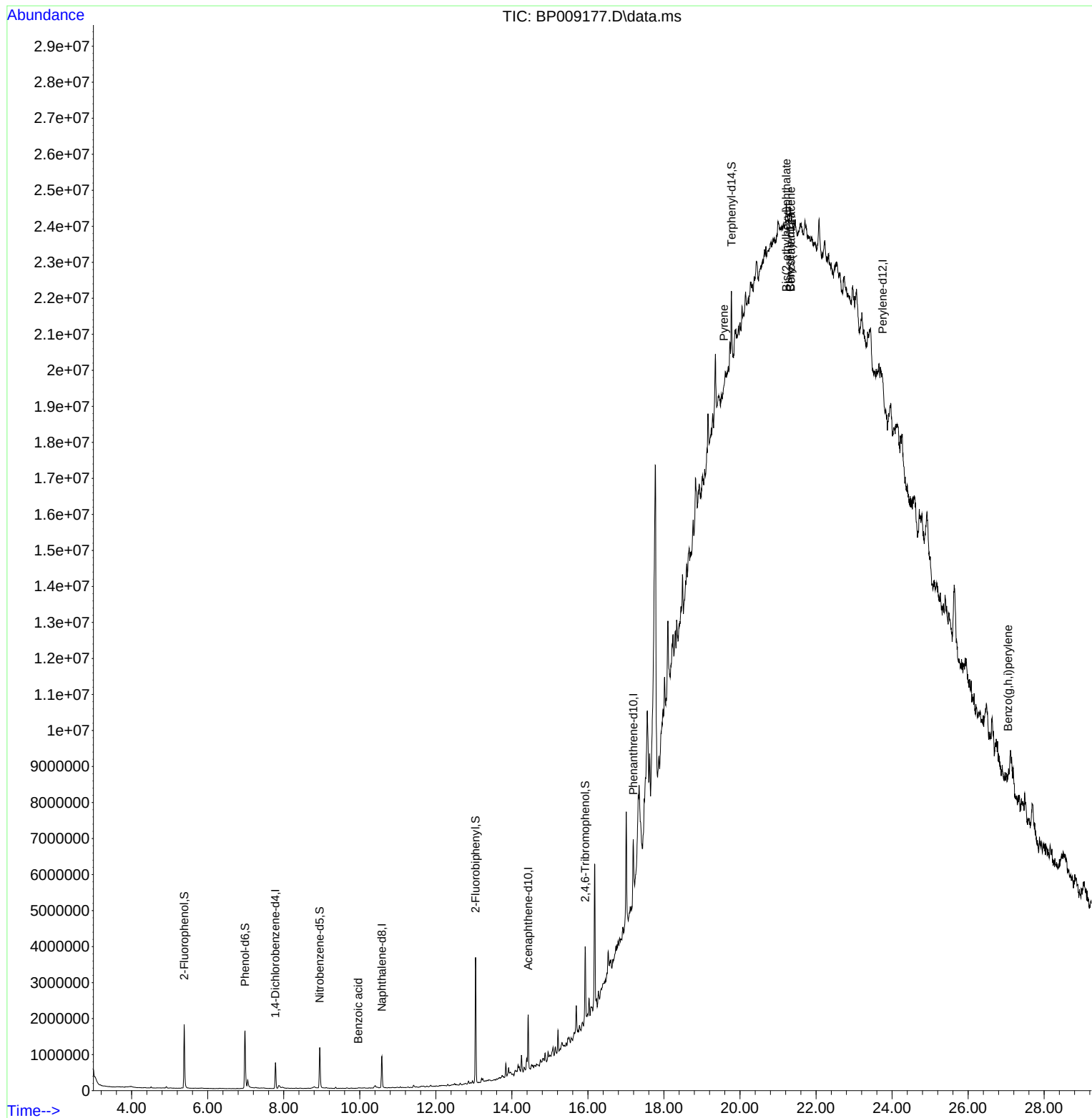
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
Data File : BP009177.D
Acq On : 16 Feb 2022 14:23
Operator : CG/JU
Sample : N1514-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

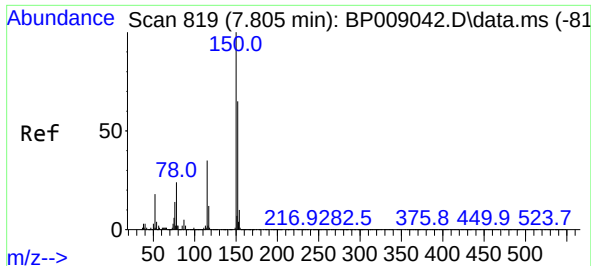
Instrument :
BNA_P
ClientSampleId :
PR-2

Quant Time: Feb 16 14:58:07 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

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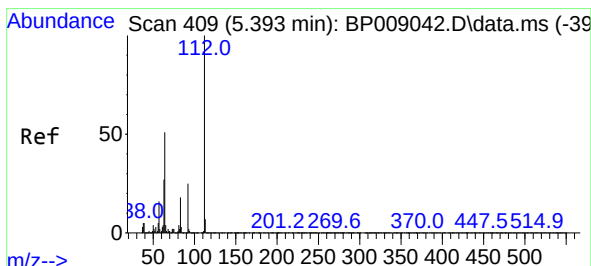
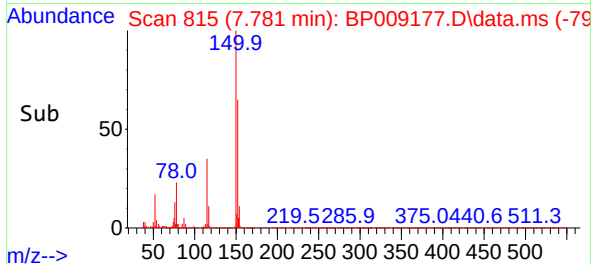
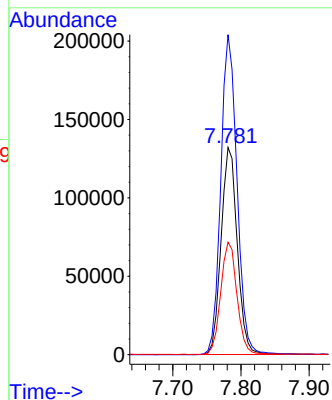
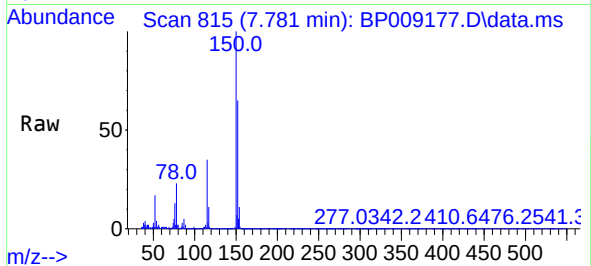
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

Instrument :
BNA_P
ClientSampleId :
PR-2

Tgt Ion:152 Resp: 218468
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 54.3 43.7 65.5

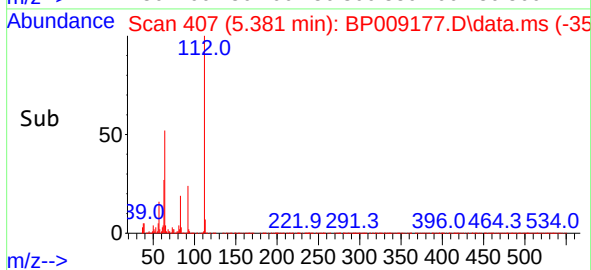
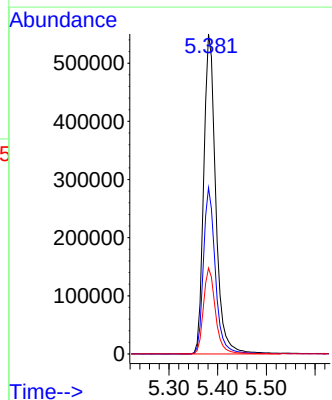
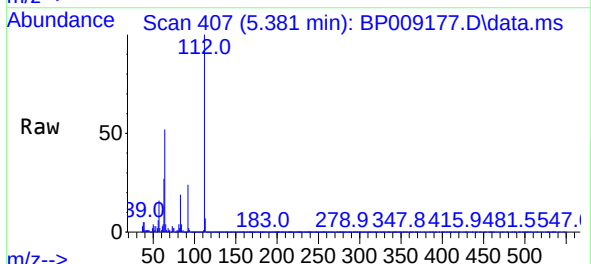
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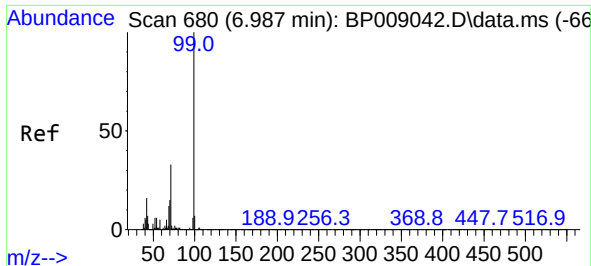
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#5
2-Fluorophenol
Concen: 76.790 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.000 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

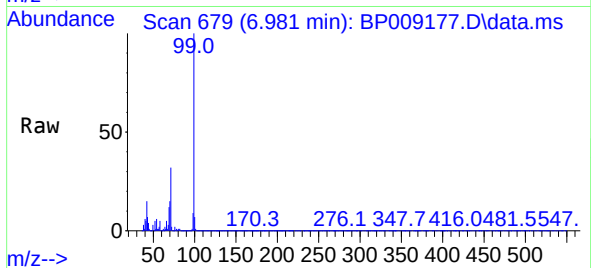
Tgt Ion:112 Resp: 940470
Ion Ratio Lower Upper
112 100
64 52.0 39.7 59.5
63 26.9 20.0 30.0





#7
Phenol-d6
Concen: 70.606 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

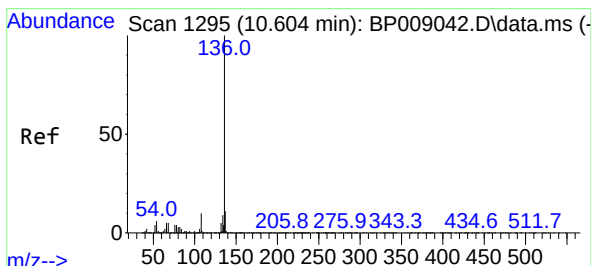
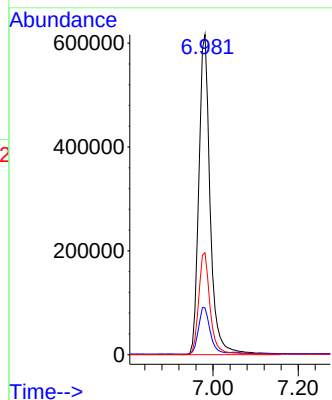
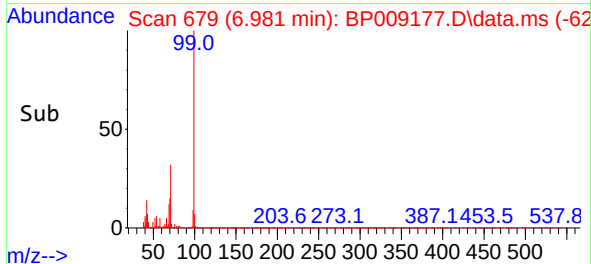
Instrument :
BNA_P
ClientSampleId :
PR-2



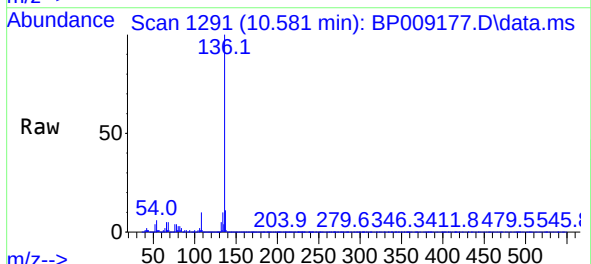
Tgt Ion: 99 Resp: 113943
Ion Ratio Lower Upper
99 100
42 14.7 10.8 16.2
71 31.9 23.8 35.6

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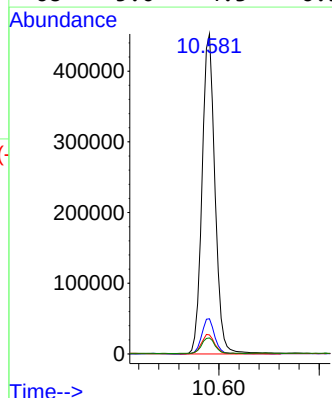
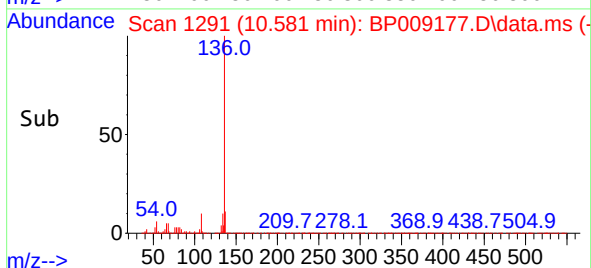
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

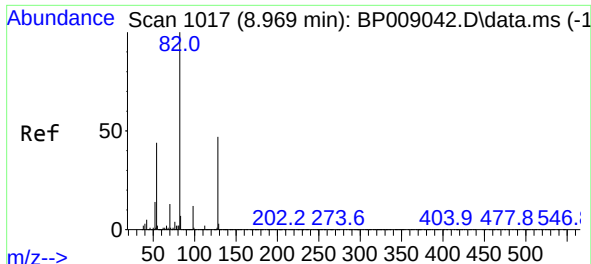


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23



Tgt Ion:136 Resp: 810443
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.0 4.9 7.3
68 5.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 50.063 ng

RT: 8.946 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

Instrument :

BNA_P

ClientSampleId :

PR-2

Tgt Ion: 82 Resp: 71945

Ion Ratio Lower Upper

82 100

128 46.2 39.4 59.2

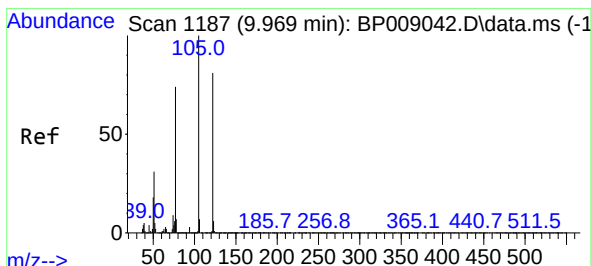
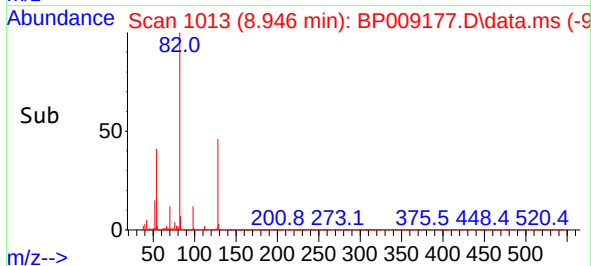
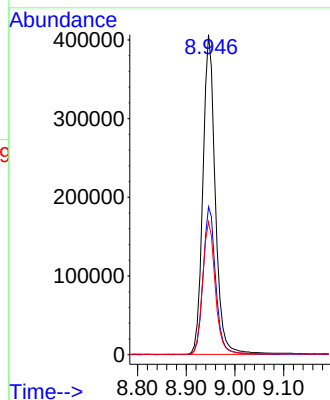
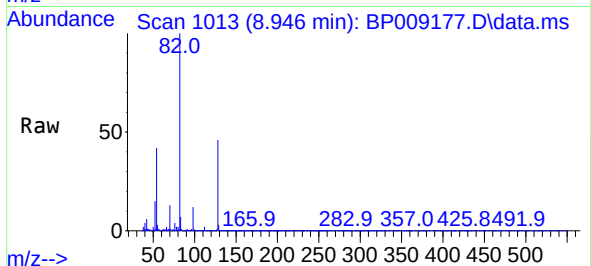
54 41.5 32.6 48.8

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#32

Benzoic acid

Concen: 3.188 ng m

RT: 9.963 min Scan# 1186

Delta R.T. -0.029 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

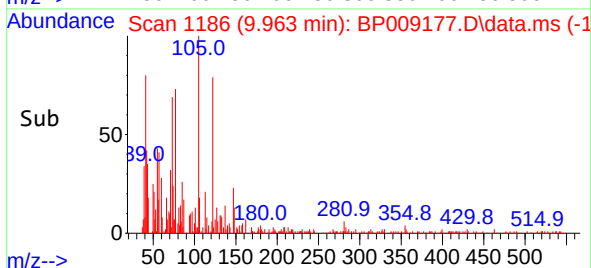
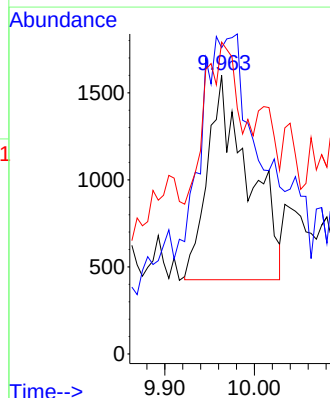
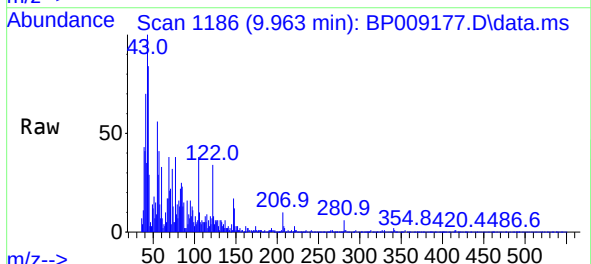
Tgt Ion:122 Resp: 3735

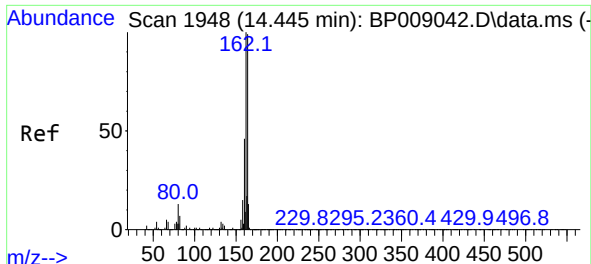
Ion Ratio Lower Upper

122 100

105 109.9 100.1 140.1

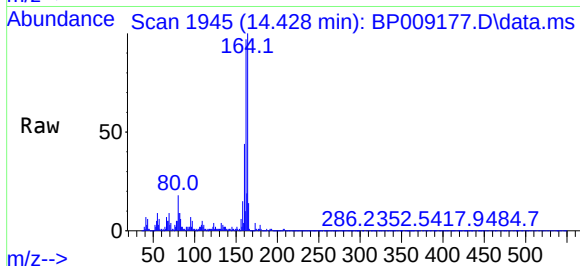
77 111.9 65.5 105.5#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

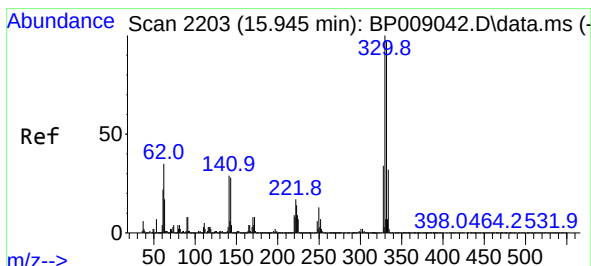
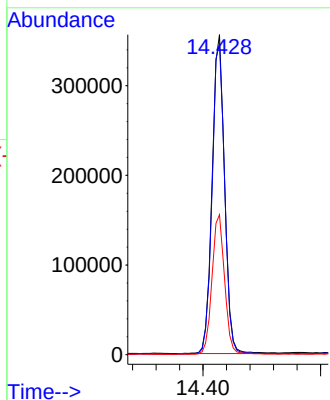
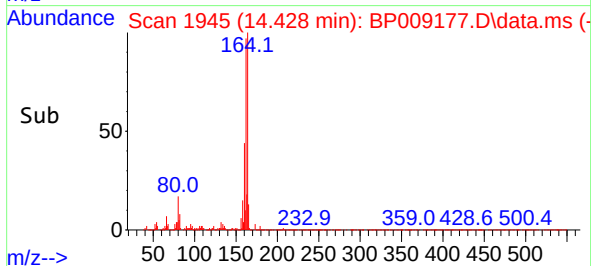
Instrument :
BNA_P
ClientSampleId :
PR-2



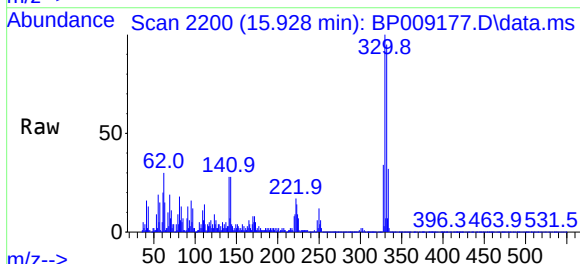
Tgt Ion:164 Resp: 52359
Ion Ratio Lower Upper
164 100
162 97.1 79.9 119.9
160 43.8 35.5 53.3

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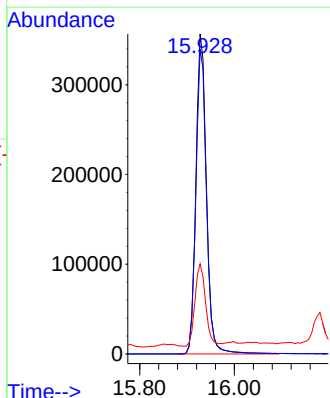
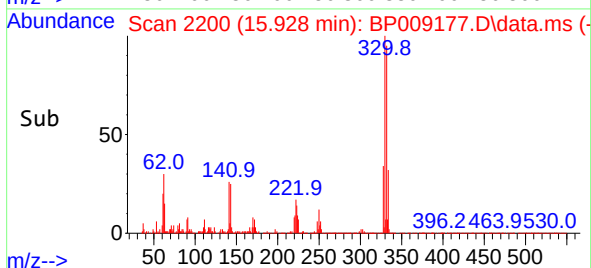
Reviewed By :Christian Giraldo 02/17/2022
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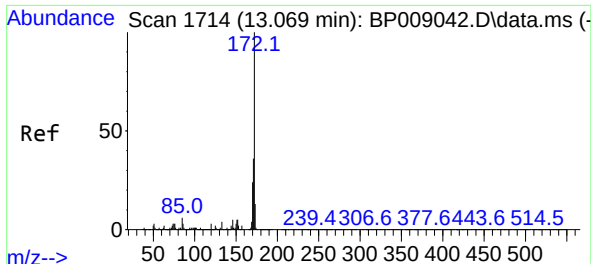


#42
2,4,6-Tribromophenol
Concen: 78.792 ng
RT: 15.928 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23



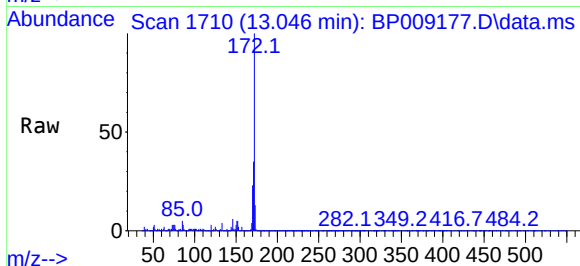
Tgt Ion:330 Resp: 550830
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 25.9 21.3 31.9





#45
2-Fluorobiphenyl
Concen: 52.601 ng
RT: 13.046 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

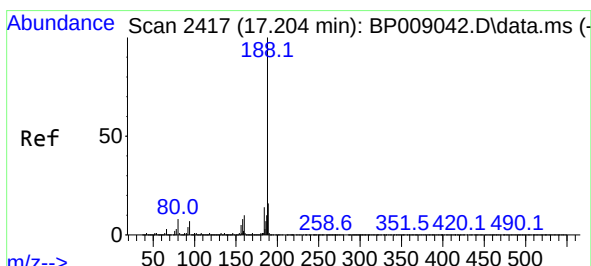
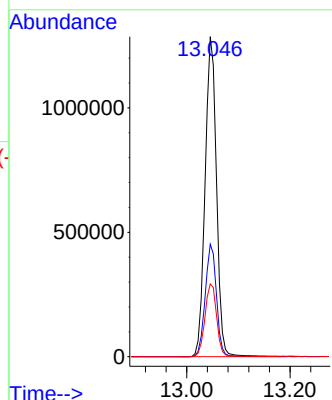
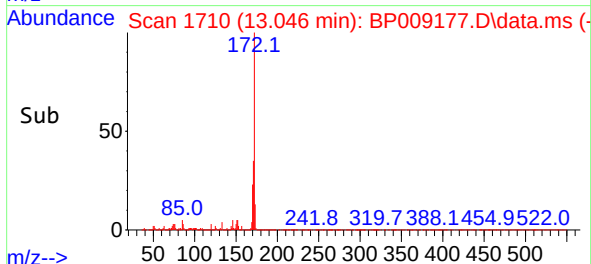
Instrument :
BNA_P
ClientSampleId :
PR-2



Tgt Ion:172 Resp: 196739
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 22.8 19.5 29.3

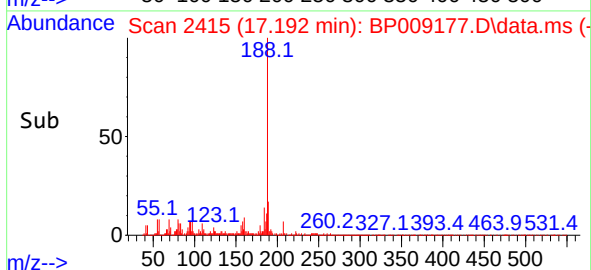
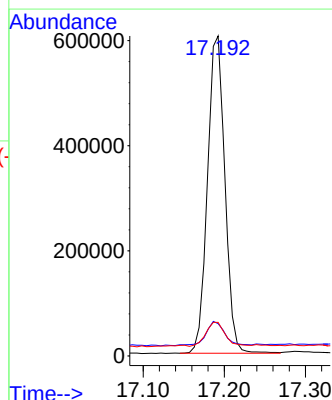
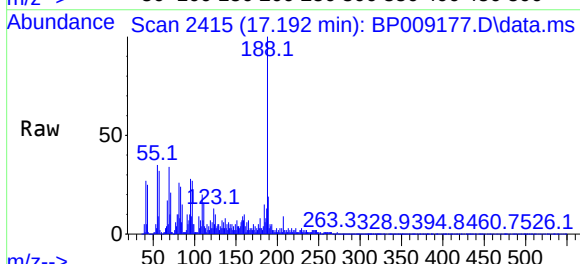
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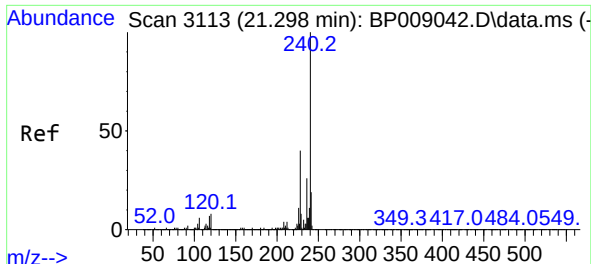
Reviewed By :Christian Giraldo 02/17/2022
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2415
Delta R.T. 0.006 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

Tgt Ion:188 Resp: 899749
Ion Ratio Lower Upper
188 100
94 10.1 6.8 10.2
80 10.5 7.2 10.8





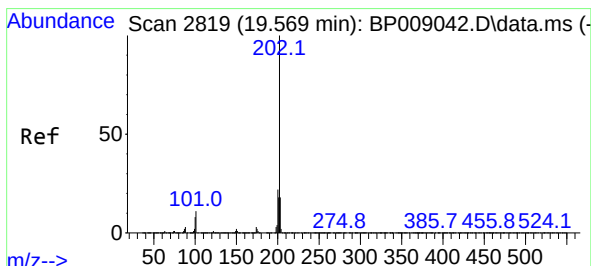
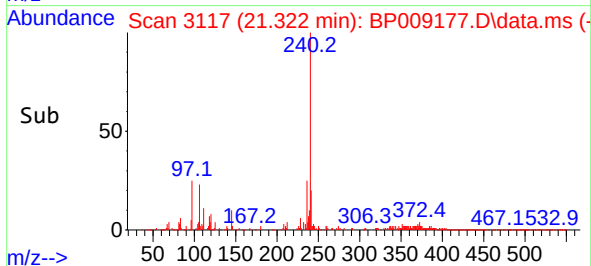
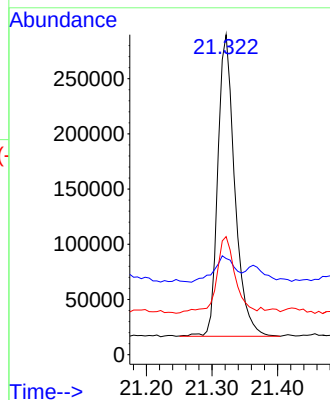
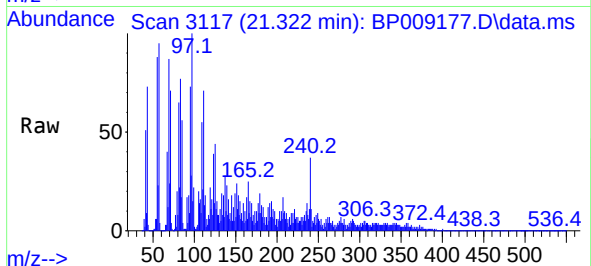
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.322 min Scan# 3117
Delta R.T. 0.035 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

Instrument :
BNA_P
ClientSampleId :
PR-2

Tgt Ion:240 Resp: 48802
Ion Ratio Lower Upper
240 100
120 30.1 7.7 11.5
236 36.9 21.2 31.8

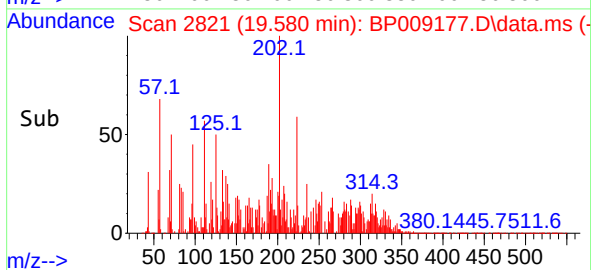
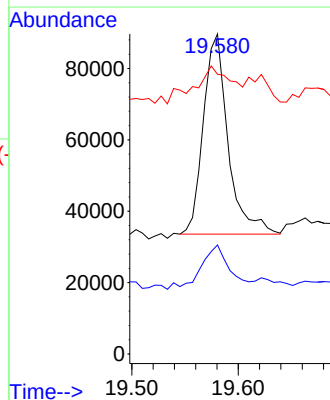
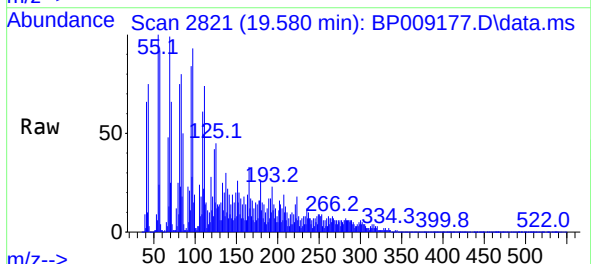
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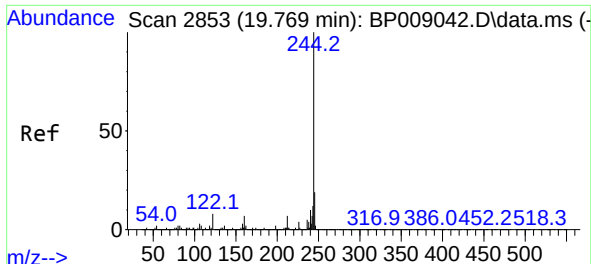
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#78
Pyrene
Concen: 2.609 ng
RT: 19.580 min Scan# 2821
Delta R.T. 0.024 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

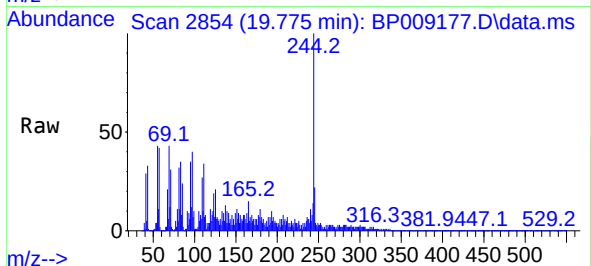
Tgt Ion:202 Resp: 90586
Ion Ratio Lower Upper
202 100
200 34.0 18.0 27.0#
203 87.4 15.0 22.6#





#79
Terphenyl-d14
Concen: 70.516 ng
RT: 19.775 min Scan# 21
Delta R.T. 0.024 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

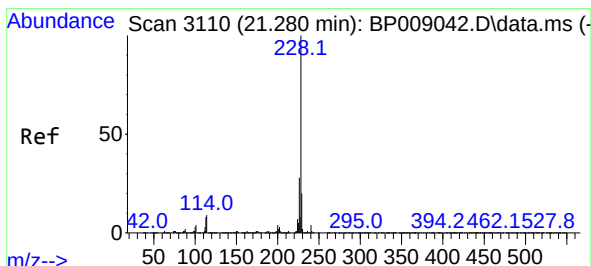
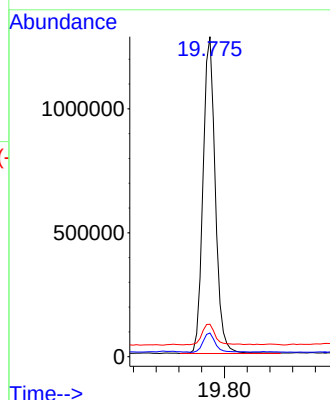
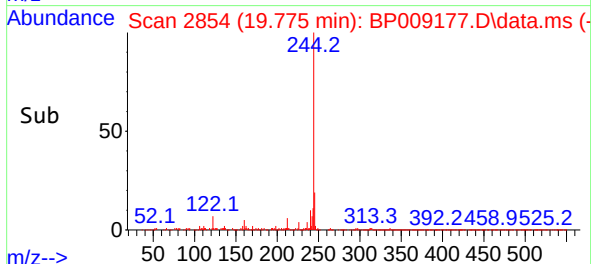
Instrument :
BNA_P
ClientSampleId :
PR-2



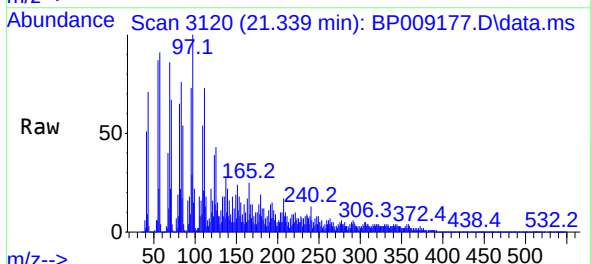
Tgt Ion:244 Resp: 191363
Ion Ratio Lower Upper
244 100
212 7.4 6.5 9.7
122 10.2 9.2 13.8

Manual Integrations
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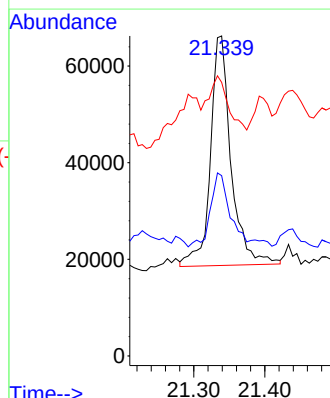
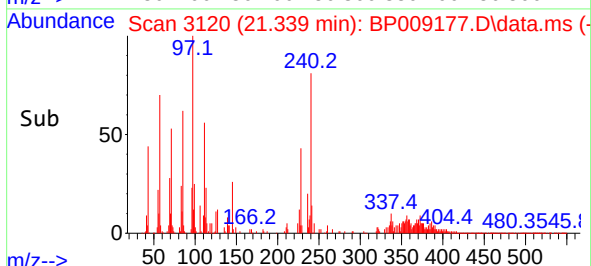
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022

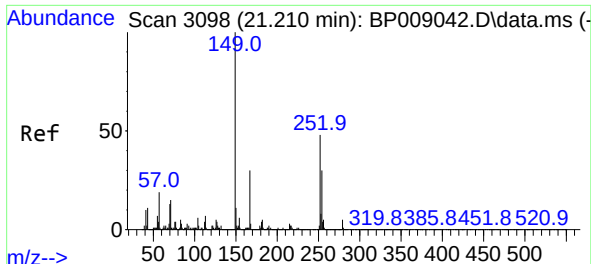


#81
Benzo(a)anthracene
Concen: 3.050 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.071 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23



Tgt Ion:228 Resp: 95924
Ion Ratio Lower Upper
228 100
226 56.3 23.3 34.9#
229 85.5 17.0 25.6#





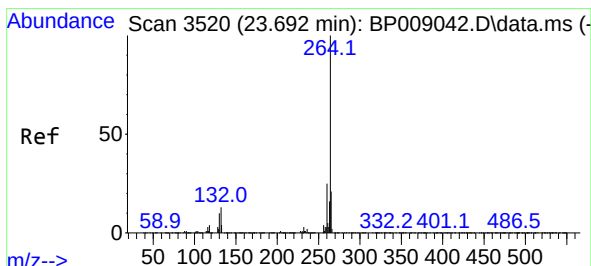
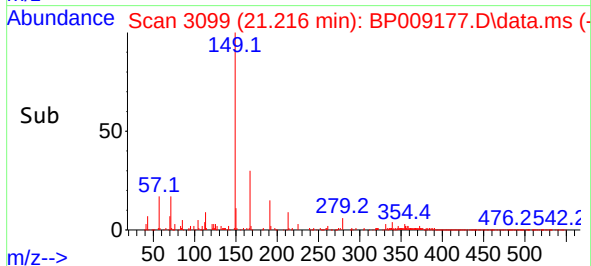
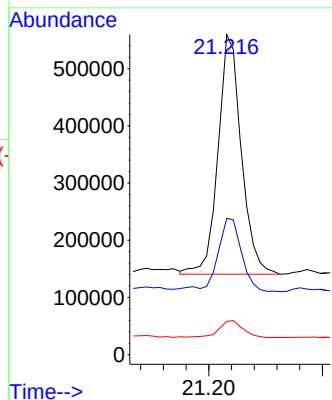
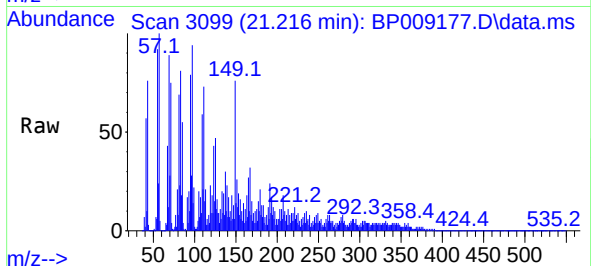
#84
Bis(2-ethylhexyl)phthalate
Concen: 37.739 ng
RT: 21.216 min Scan# 3098
Delta R.T. 0.030 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

Instrument :
BNA_P
ClientSampleId :
PR-2

Tgt Ion:149 Resp: 595910
Ion Ratio Lower Upper
149 100
167 42.6 25.0 37.4
279 10.4 4.8 7.2

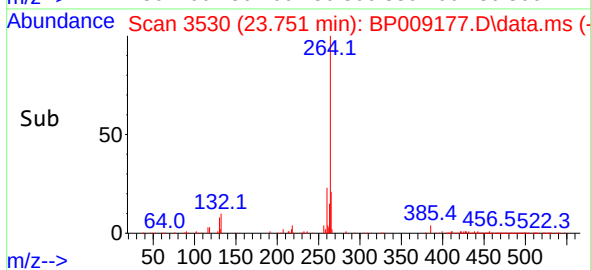
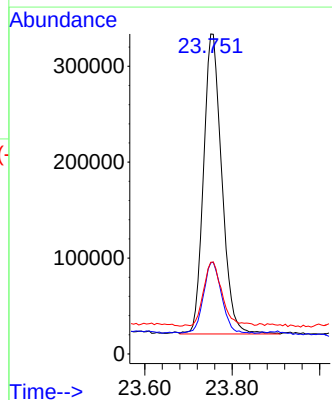
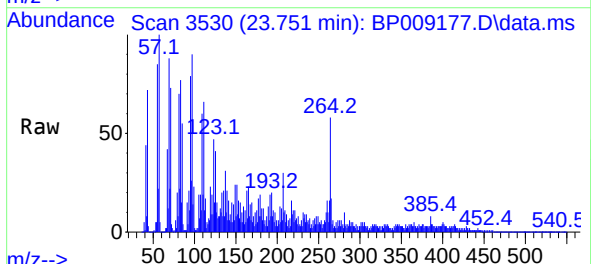
Manual Integrations
APPROVED

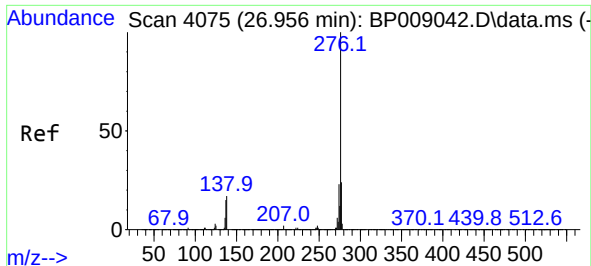
Reviewed By :Christian Giraldo 02/17/2022
Supervised By :Jagrut Upadhyay 02/17/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3530
Delta R.T. 0.077 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

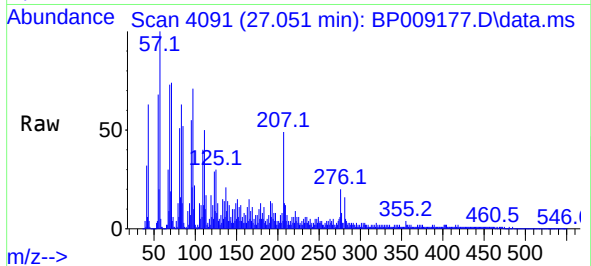
Tgt Ion:264 Resp: 906597
Ion Ratio Lower Upper
264 100
260 28.5 19.1 28.7
265 28.6 17.1 25.7





#92
 Benzo(g,h,i)perylene
 Concen: 4.636 ng
 RT: 27.051 min Scan# 4091
 Delta R.T. 0.118 min
 Lab File: BP009177.D
 Acq: 16 Feb 2022 14:23

Instrument :
 BNA_P
 ClientSampleId :
 PR-2



Tgt Ion: 276 Resp: 255509
 Ion Ratio Lower Upper
 276 100
 277 40.4 19.2 28.8
 138 43.0 15.0 22.4

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/17/2022
 Supervised By : Jagrut Upadhyay 02/17/2022

