

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008209.D
 Acq On : 03 Dec 2021 17:27
 Operator : CG/JU
 Sample : M4798-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUP-111721

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
 Supervised By :Sohil Jodhani 12/06/2021

Quant Time: Dec 03 18:17:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	103052	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	369747	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	235709	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	501648	20.000	ng	0.00
76) Chrysene-d12	21.310	240	465286	20.000	ng	0.00
86) Perylene-d12	23.704	264	414986	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	480106	75.012	ng	0.00
7) Phenol-d6	6.981	99	754732	87.353	ng	0.00
23) Nitrobenzene-d5	8.957	82	587025	72.195	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	415421	137.887	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1216763	74.982	ng	0.00
79) Terphenyl-d14	19.780	244	2039251	91.597	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	12.487	142	242304	18.582	ng	# 97
52) Acenaphthene	14.516	154	74932	6.035	ng	# 90
55) Dibenzofuran	14.857	168	60027	2.829	ng	# 1
58) Fluorene	15.504	166	114185m	6.623	ng	
71) Phenanthrene	17.257	178	205476	7.758	ng	# 87
78) Pyrene	19.580	202	171880	3.478	ng	# 93

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

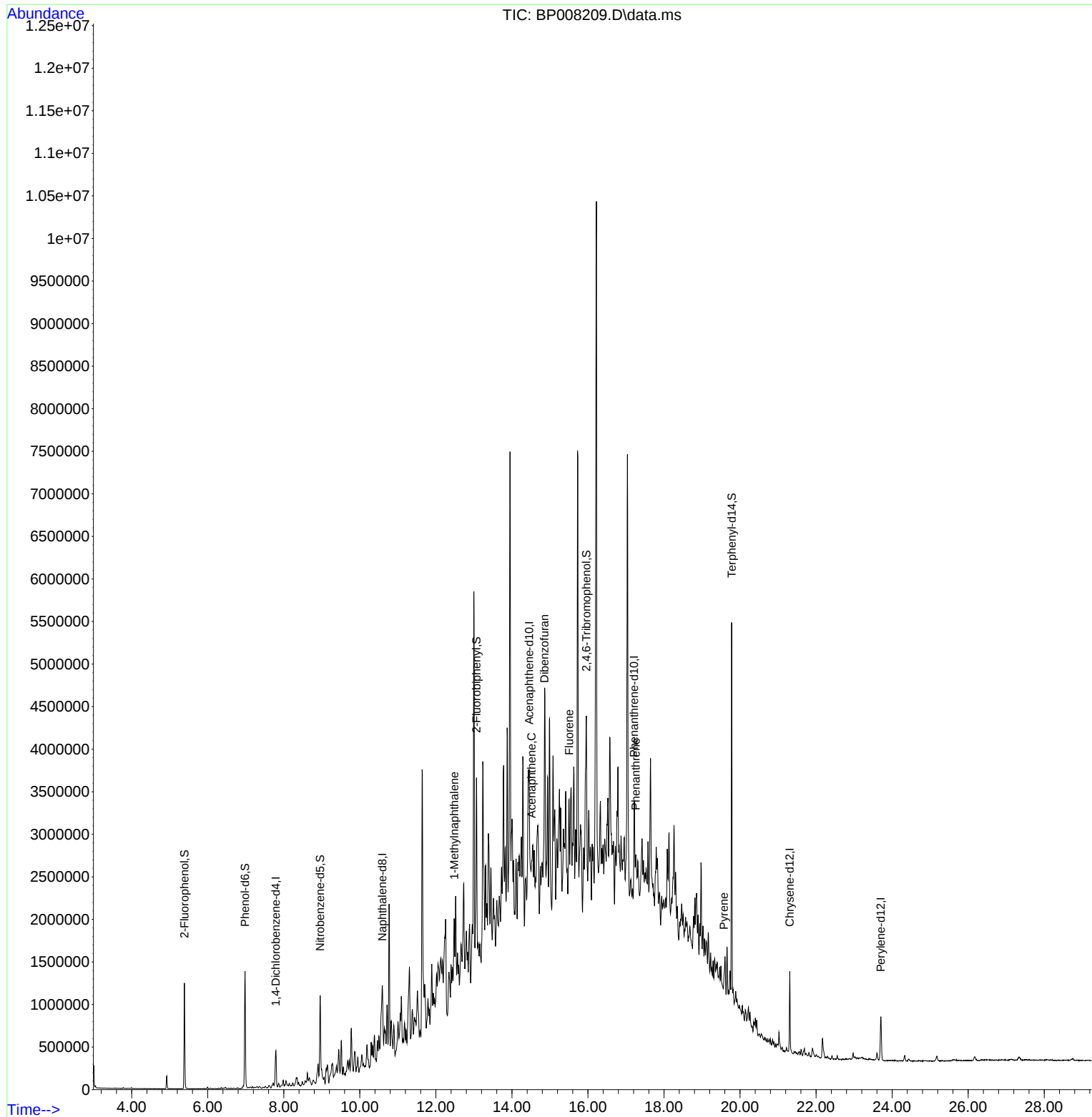
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
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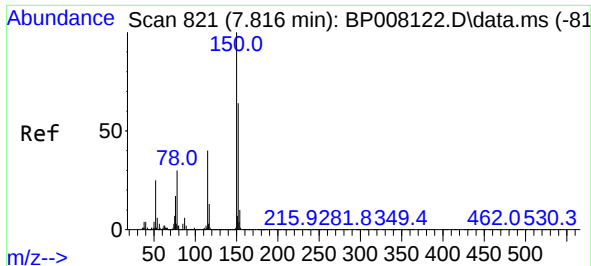
Instrument :
BNA_P
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DUP-111721

Quant Time: Dec 03 18:17:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
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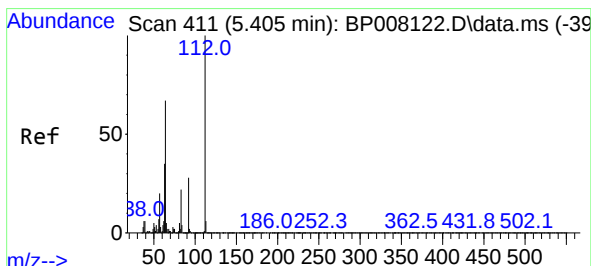
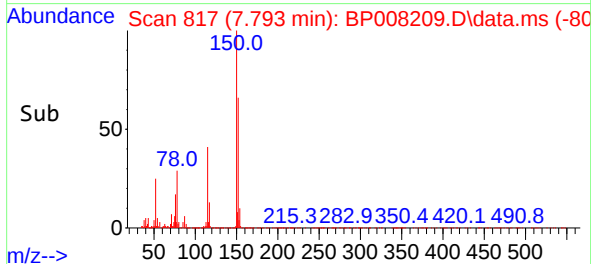
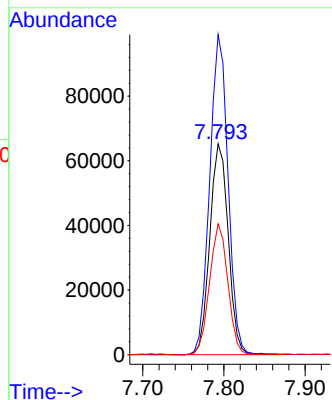
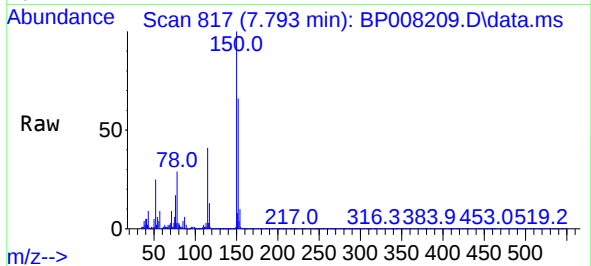
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Tgt Ion:152 Resp: 103052
Ion Ratio Lower Upper
152 100
150 151.7 125.7 188.5
115 62.0 50.7 76.1

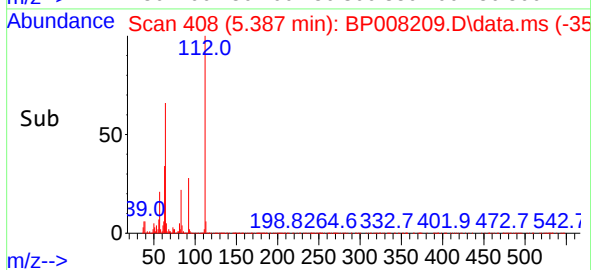
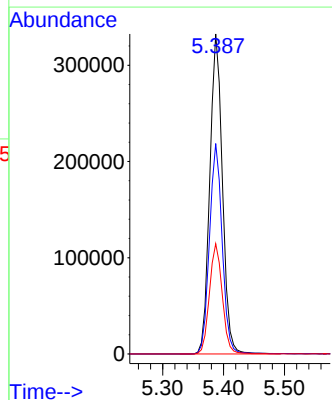
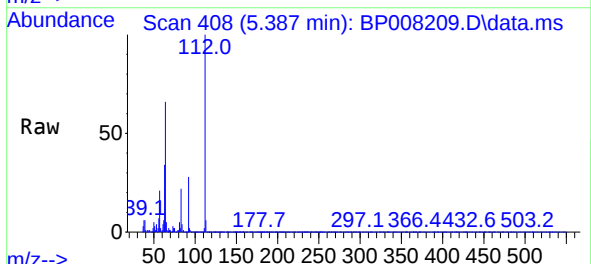
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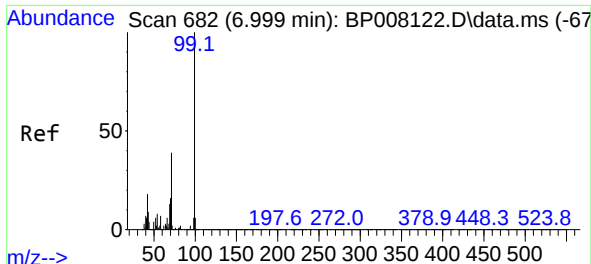
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#5
2-Fluorophenol
Concen: 75.012 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

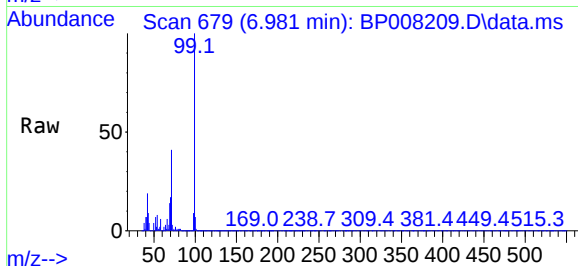
Tgt Ion:112 Resp: 480106
Ion Ratio Lower Upper
112 100
64 65.7 53.4 80.2
63 34.5 27.8 41.8





#7
Phenol-d6
Concen: 87.353 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

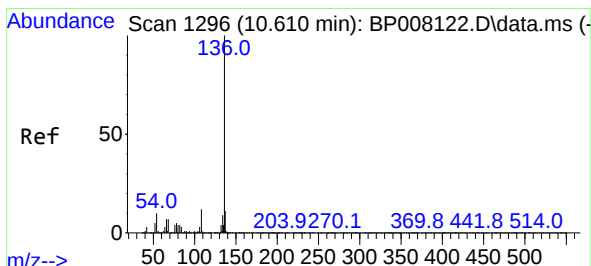
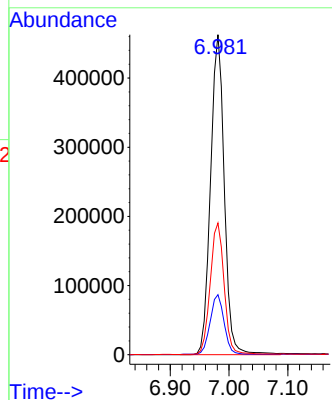
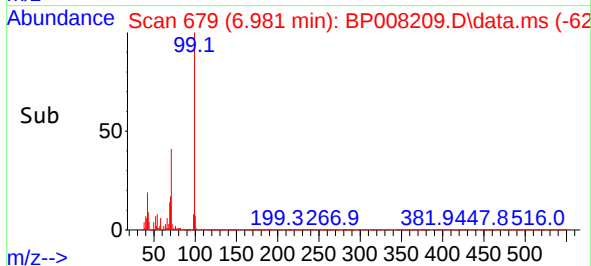
Instrument :
BNA_P
ClientSampleId :
DUP-111721



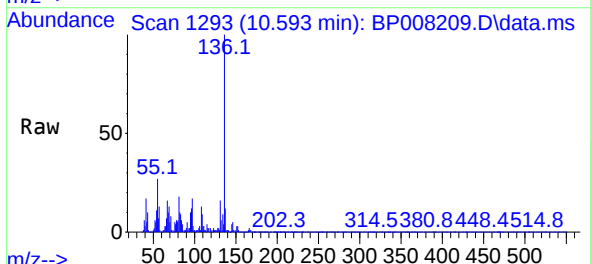
Tgt Ion: 99 Resp: 754732
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 41.1 31.1 46.7

Manual Integrations
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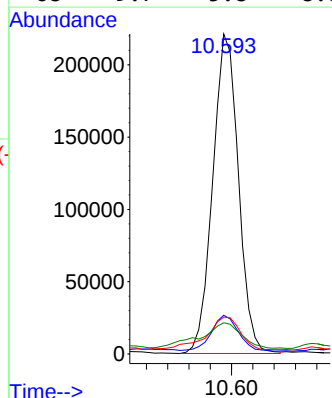
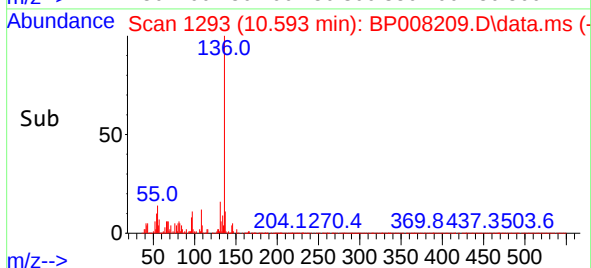
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Supervised By :Sohil Jodhani 12/06/2021

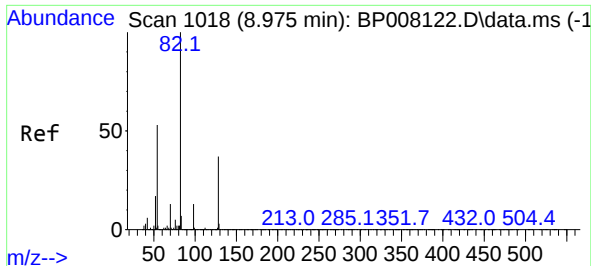


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27



Tgt Ion:136 Resp: 369747
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 11.5 8.2 12.4
68 9.7 5.8 8.8#





#23
Nitrobenzene-d5
Concen: 72.195 ng
RT: 8.957 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Instrument :

BNA_P

ClientSampleId :

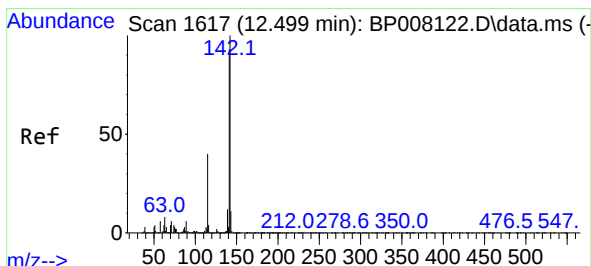
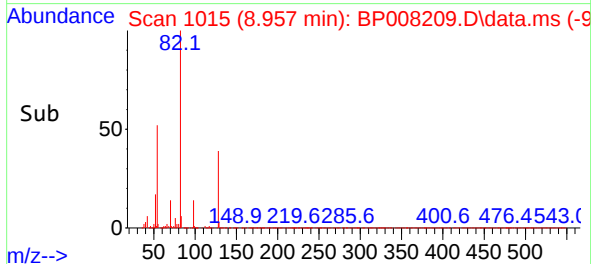
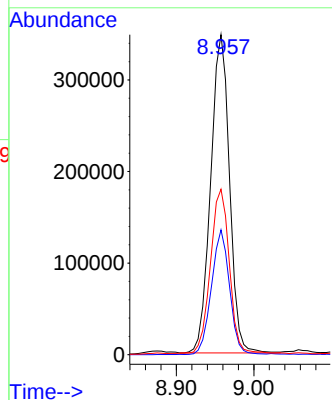
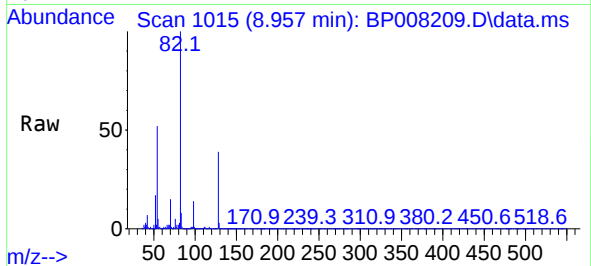
DUP-111721

Tgt Ion: 82 Resp: 587025
Ion Ratio Lower Upper
82 100
128 39.0 29.6 44.4
54 51.7 42.7 64.1

Manual Integrations

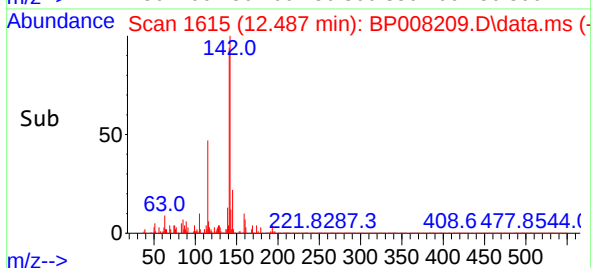
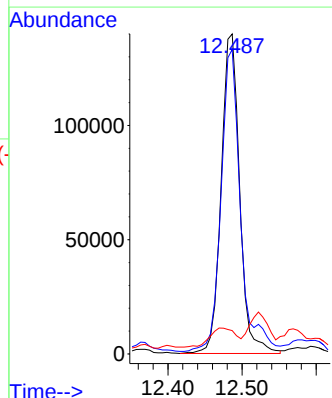
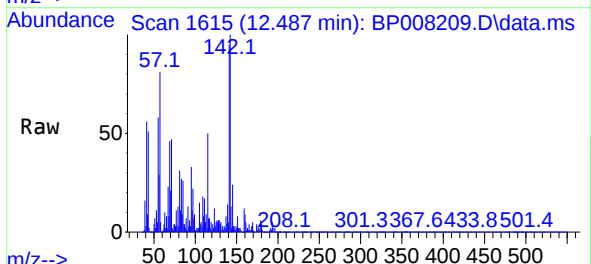
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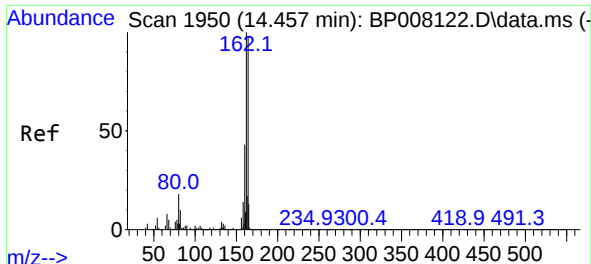
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#38
1-Methylnaphthalene
Concen: 18.582 ng
RT: 12.487 min Scan# 1615
Delta R.T. 0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion:142 Resp: 242304
Ion Ratio Lower Upper
142 100
141 95.2 74.2 111.4
116 7.3 3.4 5.2#





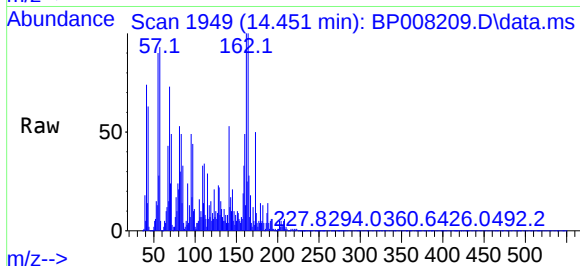
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Instrument :

BNA_P

ClientSampleId :

DUP-111721

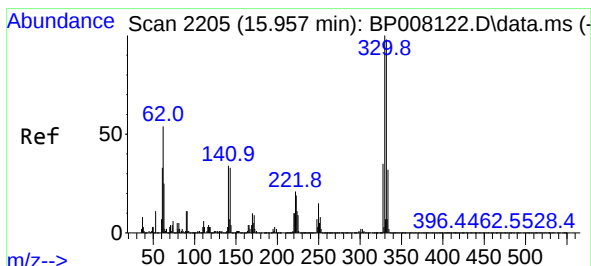
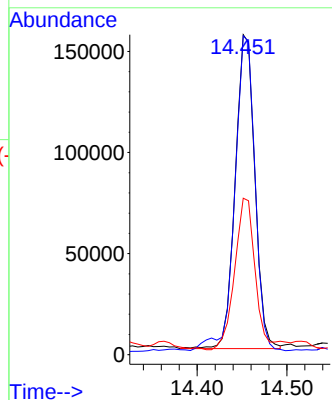
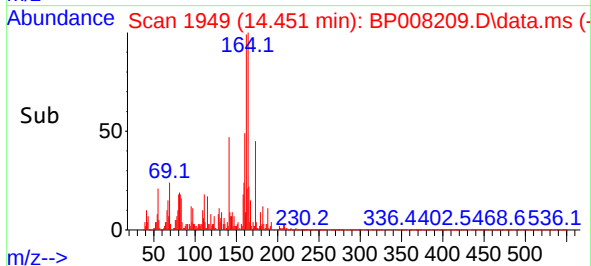


Tgt Ion:164 Resp: 235709
Ion Ratio Lower Upper
164 100
162 99.6 81.9 122.9
160 48.9 35.4 53.0

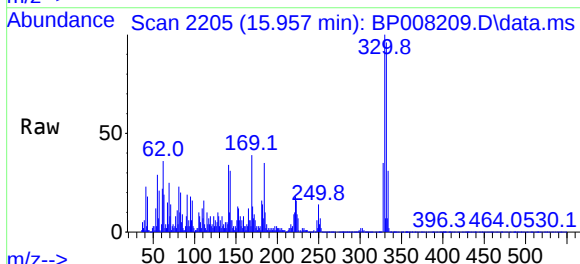
Manual Integrations

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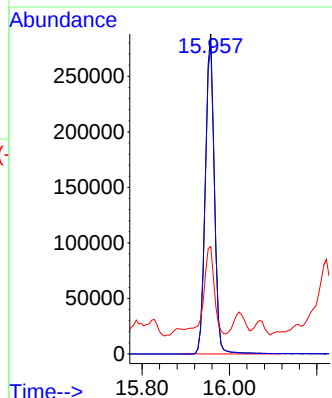
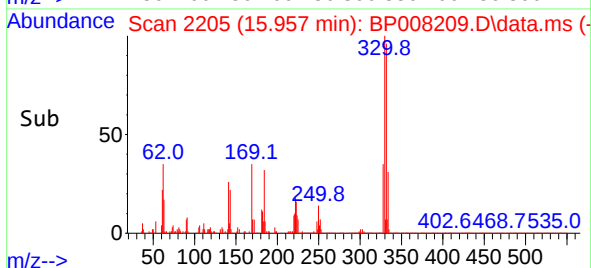
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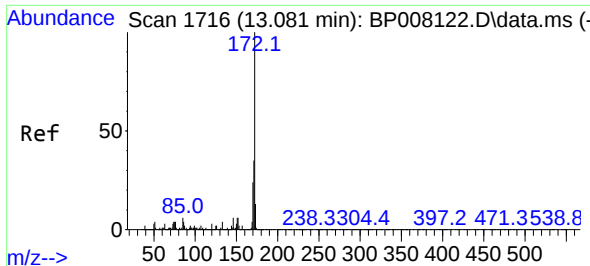


#42
2,4,6-Tribromophenol
Concen: 137.887 ng
RT: 15.957 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27



Tgt Ion:330 Resp: 415421
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 29.9 28.4 42.6





#45
2-Fluorobiphenyl
Concen: 74.982 ng
RT: 13.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Instrument :

BNA_P

ClientSampleId :

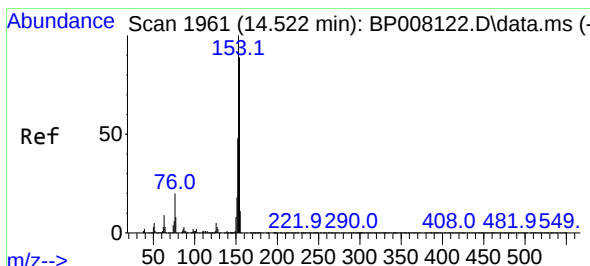
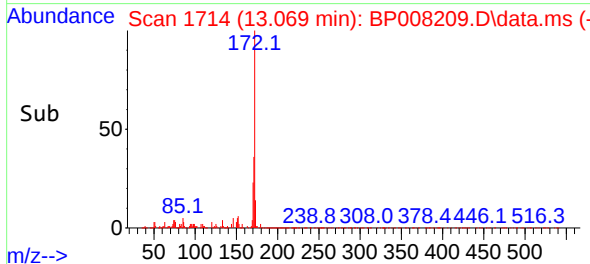
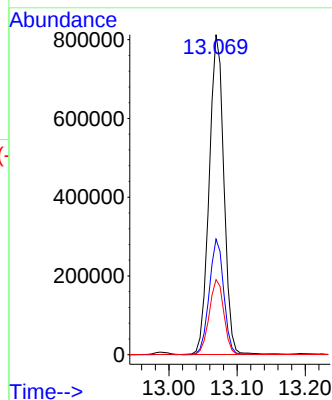
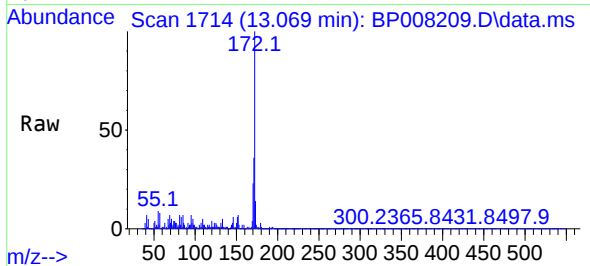
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Tgt Ion:172 Resp: 121676
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 23.4 18.9 28.3

Manual Integrations

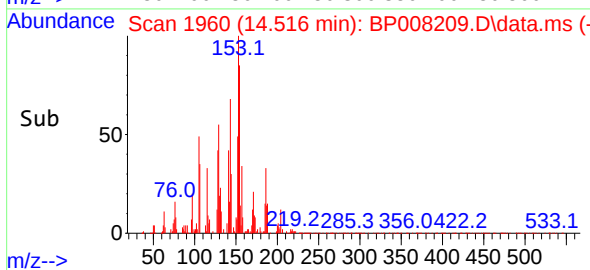
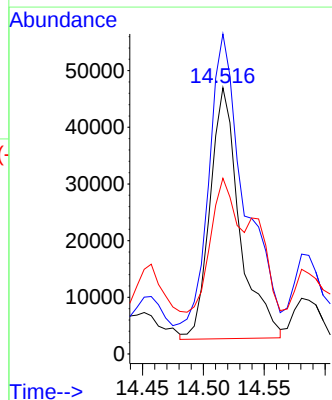
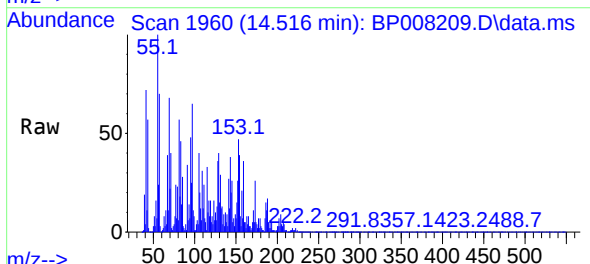
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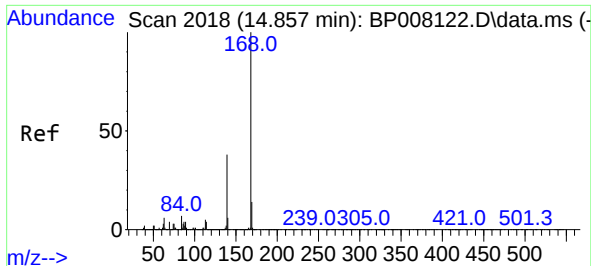
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#52
Acenaphthene
Concen: 6.035 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

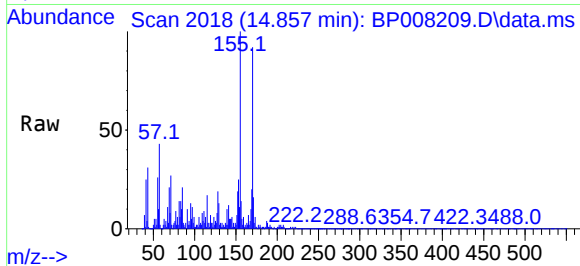
Tgt Ion:154 Resp: 74932
Ion Ratio Lower Upper
154 100
153 120.2 90.3 135.5
152 66.0 43.3 64.9





#55
Dibenzenofuran
Concen: 2.829 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

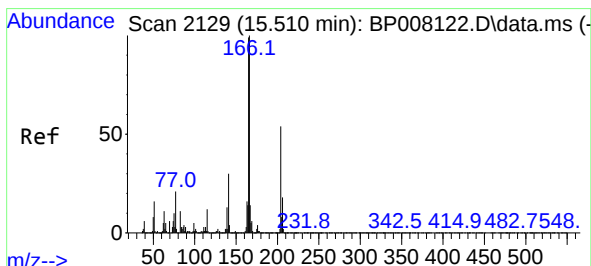
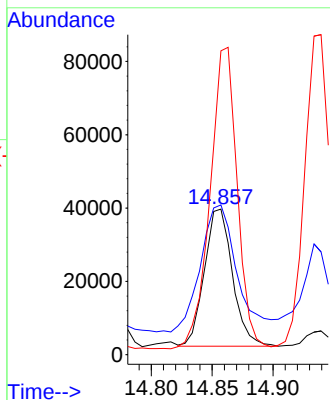
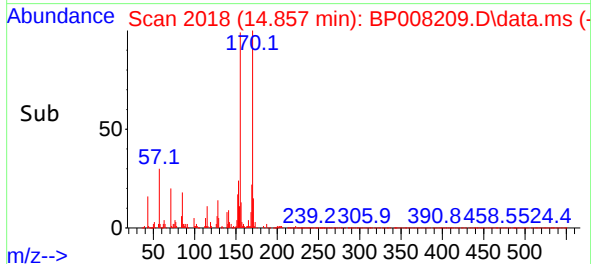
Instrument :
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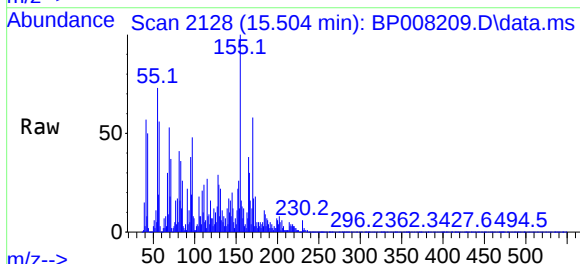
Tgt Ion:168 Resp: 6002
Ion Ratio Lower Upper
168 100
139 102.8 30.6 46.0#
169 208.7 11.0 16.4#

Manual Integrations
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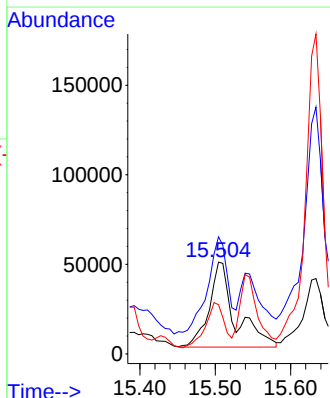
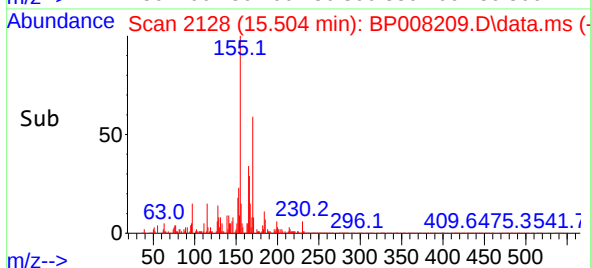
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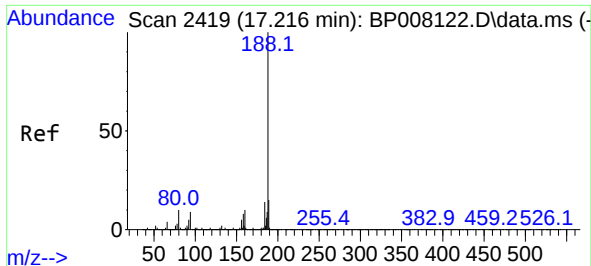


#58
Fluorene
Concen: 6.623 ng m
RT: 15.504 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27



Tgt Ion:166 Resp: 114185
Ion Ratio Lower Upper
166 100
165 127.4 79.4 119.2#
167 53.7 10.9 16.3#





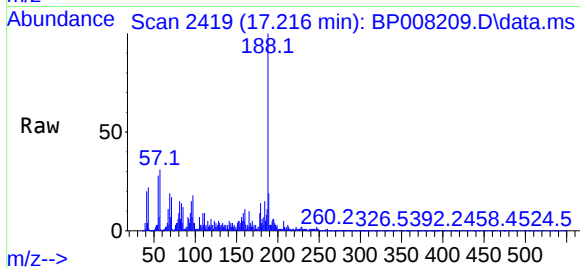
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Instrument :

BNA_P

ClientSampleId :

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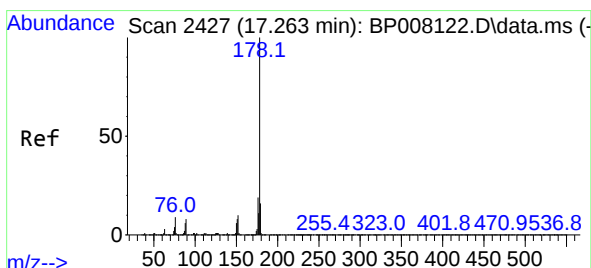
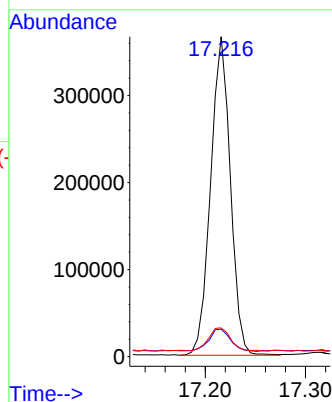
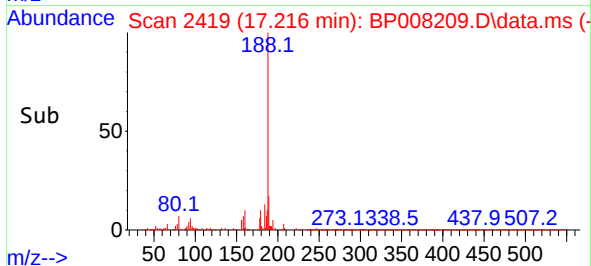


Tgt Ion:188 Resp: 501648
Ion Ratio Lower Upper
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94 8.6 7.2 10.8
80 9.0 8.2 12.4

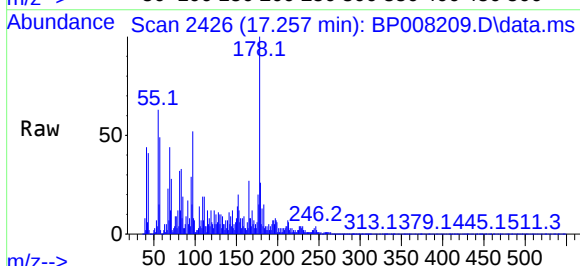
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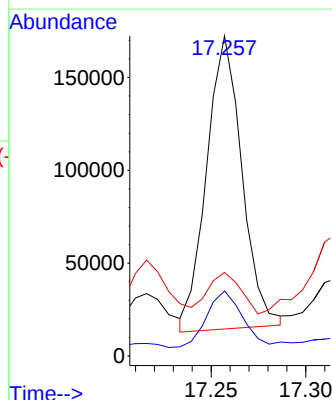
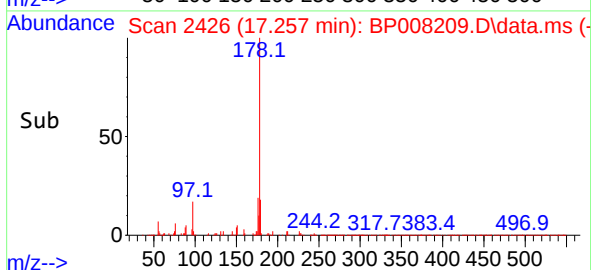
Reviewed By :Jagrut Upadhyay 12/06/2021
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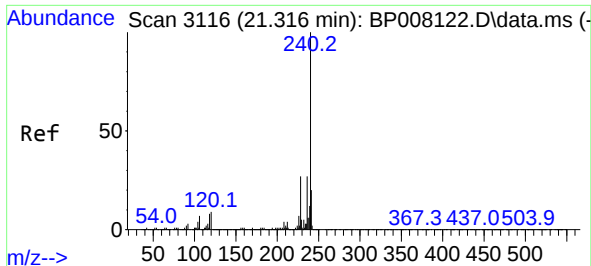


#71
Phenanthrene
Concen: 7.758 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27



Tgt Ion:178 Resp: 205476
Ion Ratio Lower Upper
178 100
176 20.3 15.3 22.9
179 26.1 12.5 18.7#





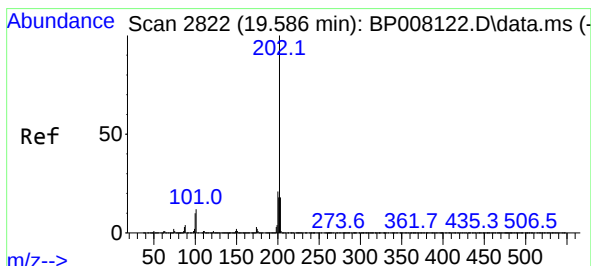
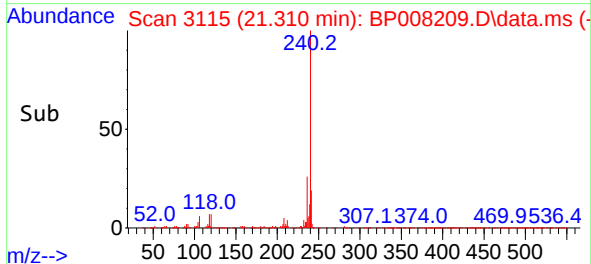
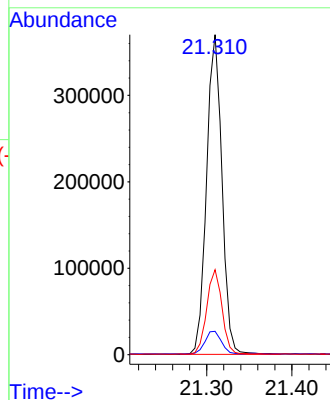
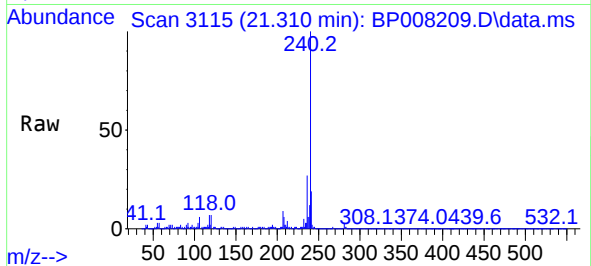
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Tgt Ion:240 Resp: 465280
Ion Ratio Lower Upper
240 100
120 7.3 7.3 10.9
236 26.5 21.4 32.2

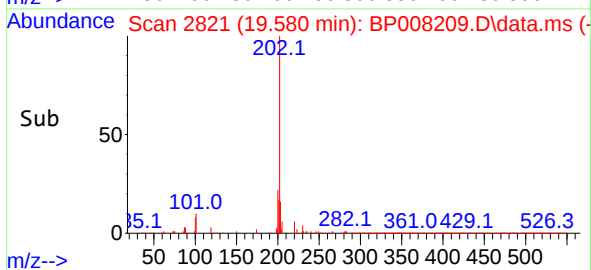
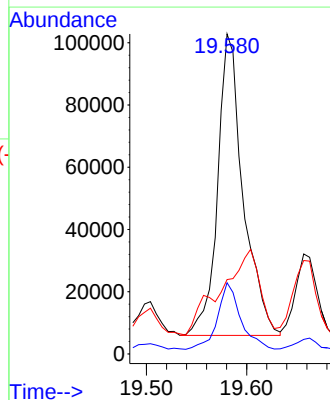
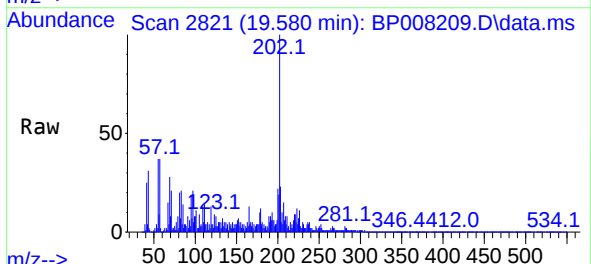
Manual Integrations
APPROVED

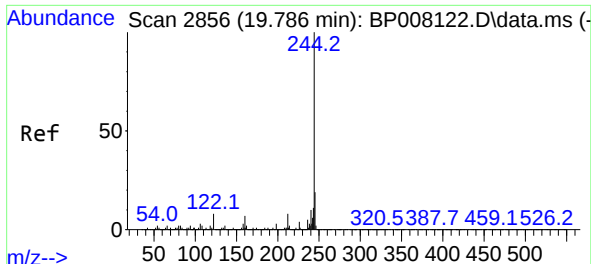
Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#78
Pyrene
Concen: 3.478 ng
RT: 19.580 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion:202 Resp: 171880
Ion Ratio Lower Upper
202 100
200 22.3 17.1 25.7
203 23.3 14.2 21.2#





#79
Terphenyl-d14
Concen: 91.597 ng
RT: 19.780 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Instrument :

BNA_P

ClientSampleId :

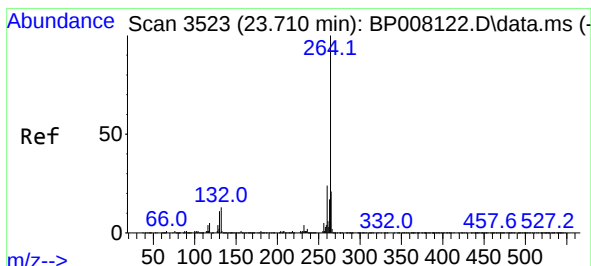
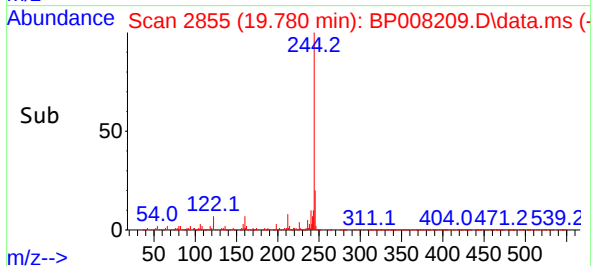
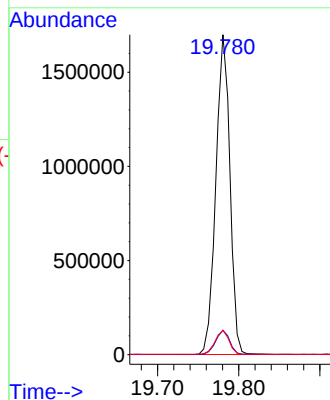
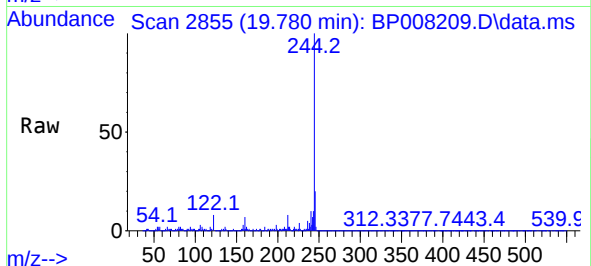
DUP-111721

Tgt Ion:244 Resp: 203925
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.6 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/06/2021
Supervised By :Sohil Jodhani 12/06/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. -0.012 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion:264 Resp: 414986
Ion Ratio Lower Upper
264 100
260 24.5 19.4 29.2
265 21.4 17.6 26.4

