

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
 Data File : BP007312.D
 Acq On : 04 Oct 2021 19:12
 Operator : CG/JU
 Sample : M4043-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-03-100121

Manual Integrations
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Quant Time: Oct 05 02:22:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	192600	20.00	ng	0.00
21) Naphthalene-d8	10.657	136	736555	20.00	ng	# 0.00
39) Acenaphthene-d10	14.492	164	305586	20.00	ng	0.00
64) Phenanthrene-d10	17.251	188	975777	20.00	ng	0.00
76) Chrysene-d12	21.333	240	743636	20.00	ng	0.00
86) Perylene-d12	23.739	264	794956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1113525	96.78	ng	0.00
7) Phenol-d6	7.046	99	1343213	85.42	ng	0.00
23) Nitrobenzene-d5	9.022	82	796799	63.00	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	490956	123.92	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1263883	59.25	ng	0.00
79) Terphenyl-d14	19.804	244	2308023	59.47	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.292	178	113131	2.16	ng	99
75) Fluoranthene	19.257	202	132052	2.19	ng	97
78) Pyrene	19.610	202	208840	4.28	ng	99
81) Benzo(a)anthracene	21.322	228	108996m	2.26	ng	
83) Chrysene	21.374	228	103664	2.25	ng	95
88) Benzo(b)fluoranthene	23.004	252	121390	2.56	ng	# 81
90) Benzo(a)pyrene	23.633	252	96534	2.39	ng	# 90

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

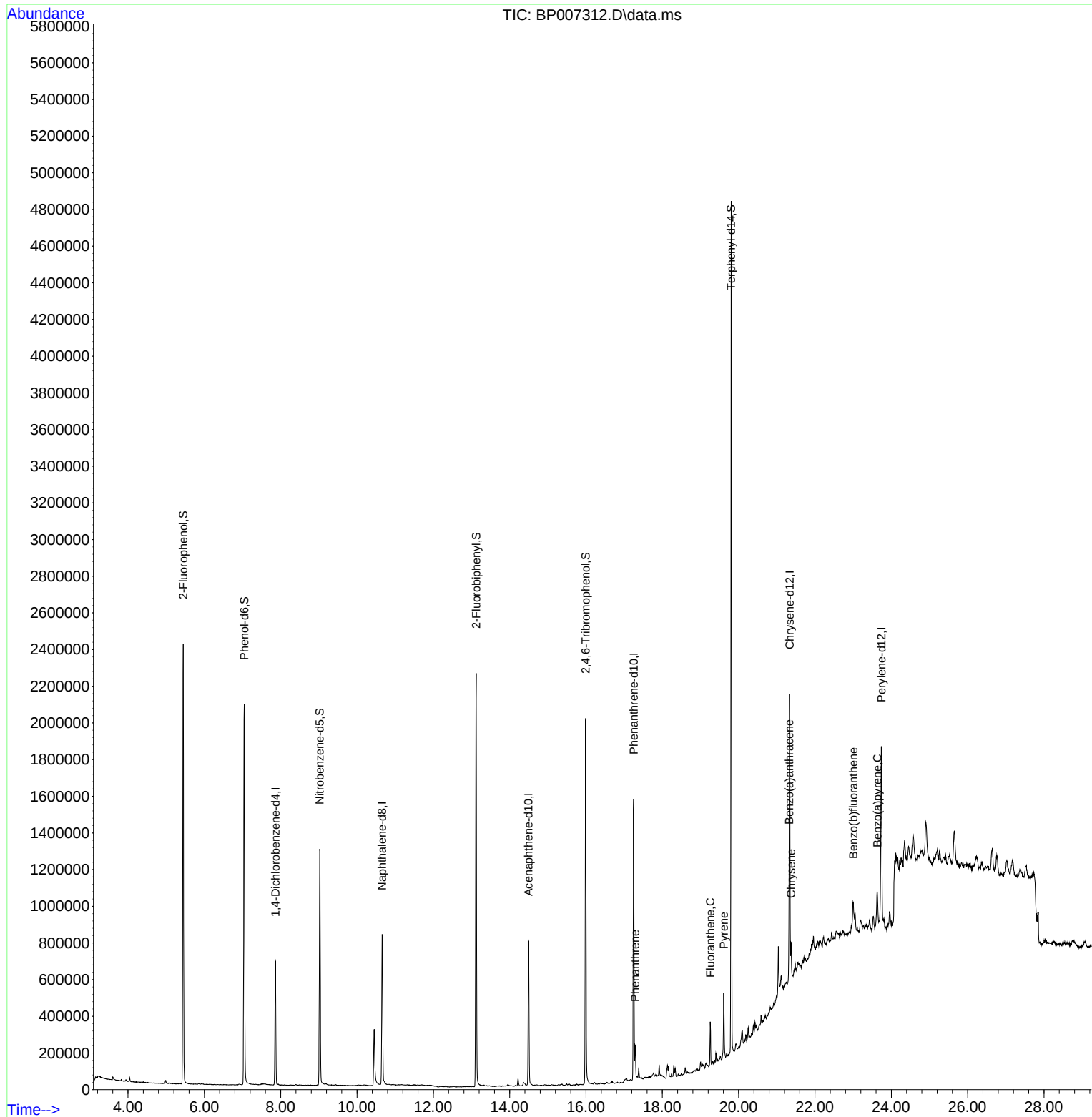
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
Data File : BP007312.D
Acq On : 04 Oct 2021 19:12
Operator : CG/JU
Sample : M4043-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

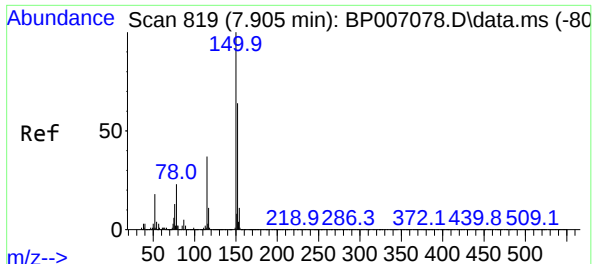
Instrument :
BNA_P
ClientSampleId :
HR-03-100121

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Quant Time: Oct 05 02:22:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration





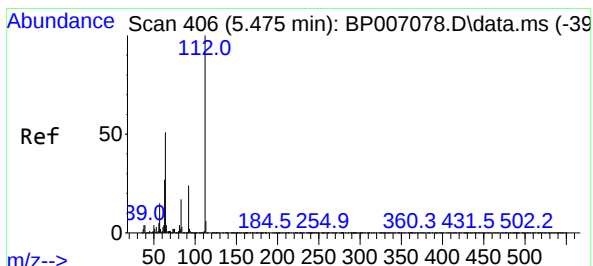
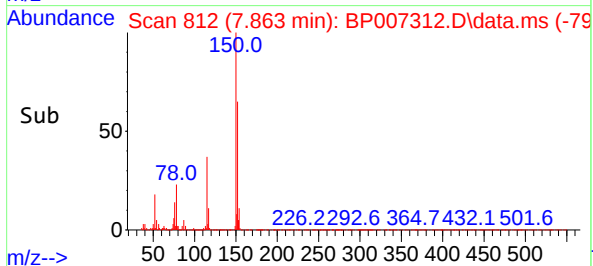
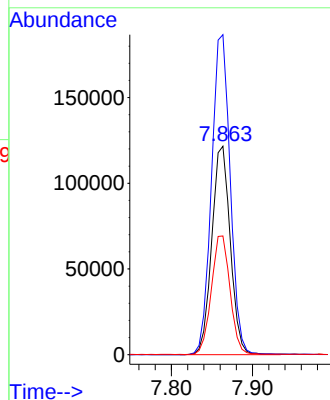
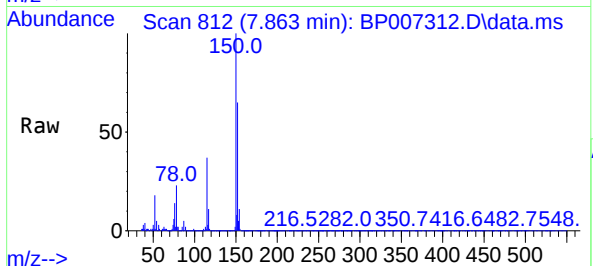
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion:152 Resp: 192600
Ion Ratio Lower Upper
152 100
150 153.4 125.6 188.4
115 56.9 48.5 72.7

Instrument :
BNA_P
ClientSampleId :
HR-03-100121

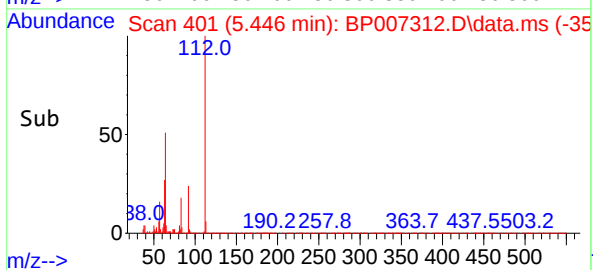
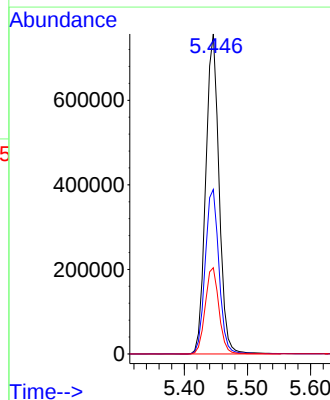
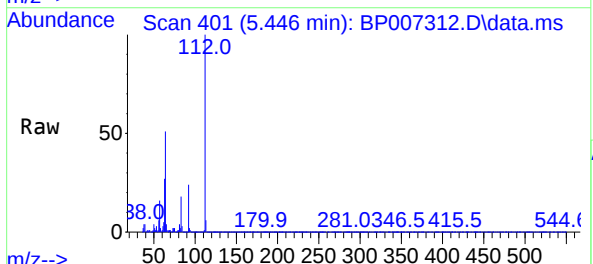
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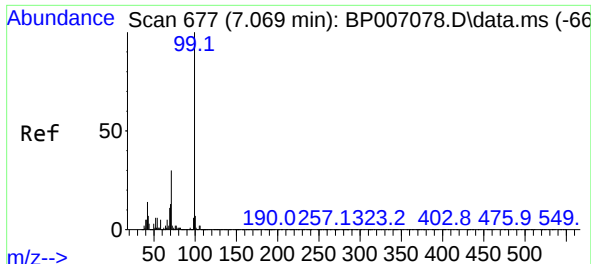
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#5
2-Fluorophenol
Concen: 96.78 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

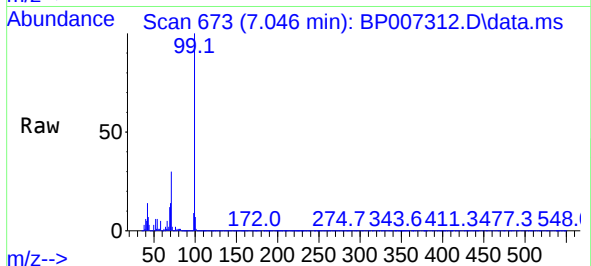
Tgt Ion:112 Resp: 1113525
Ion Ratio Lower Upper
112 100
64 51.4 41.4 62.2
63 27.0 23.8 35.8





#7
Phenol-d6
Concen: 85.42 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

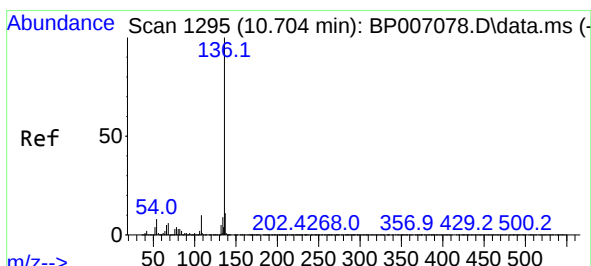
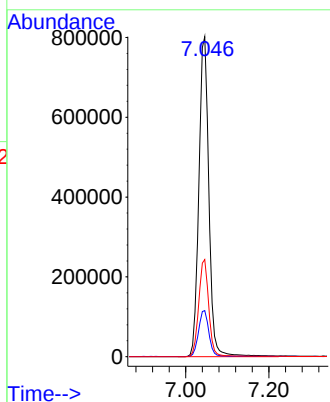
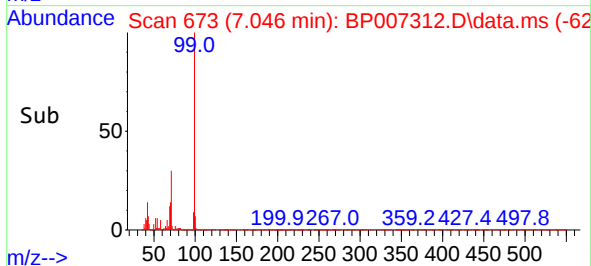
Instrument :
BNA_P
ClientSampleId :
HR-03-100121



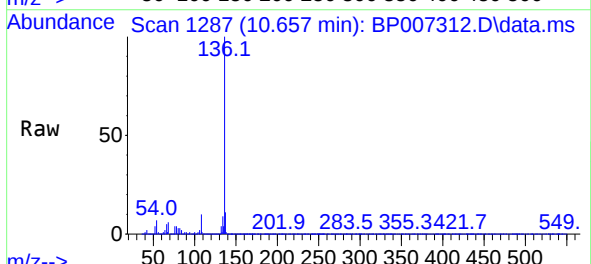
Tgt Ion: 99 Resp: 1343213
Ion Ratio Lower Upper
99 100
42 14.4 13.4 20.0
71 30.3 30.6 46.0#

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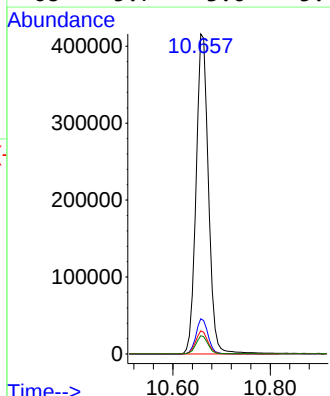
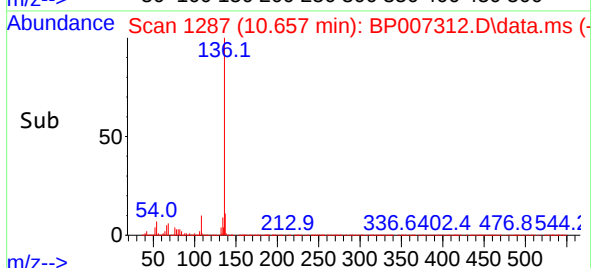
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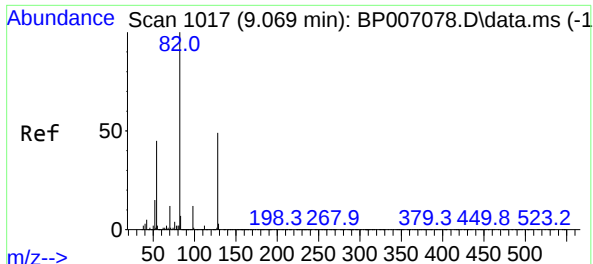


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12



Tgt Ion: 136 Resp: 736555
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 4.6 6.8#
68 5.7 3.6 5.4#





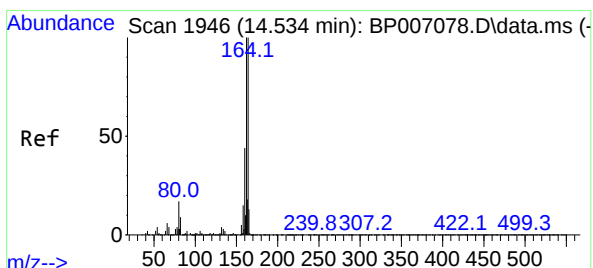
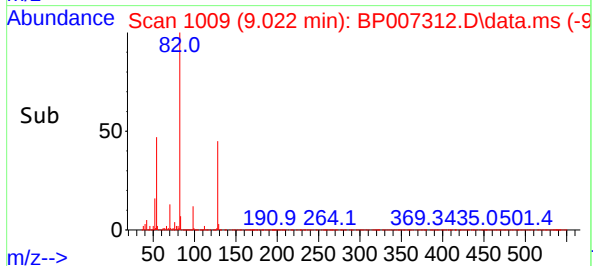
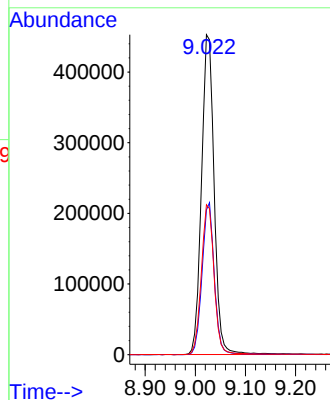
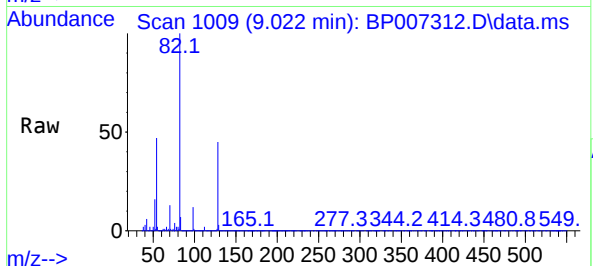
#23
Nitrobenzene-d5
Concen: 63.00 ng
RT: 9.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion: 82 Resp: 796799
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 46.8 35.0 52.4

Instrument :
BNA_P
ClientSampleId :
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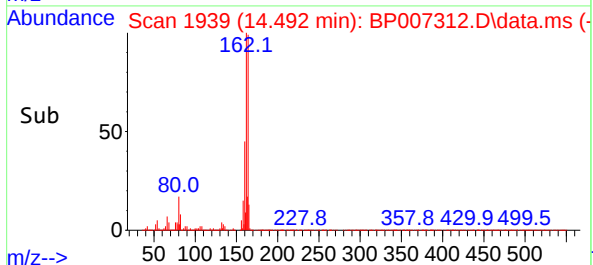
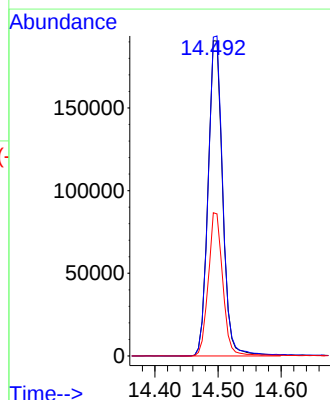
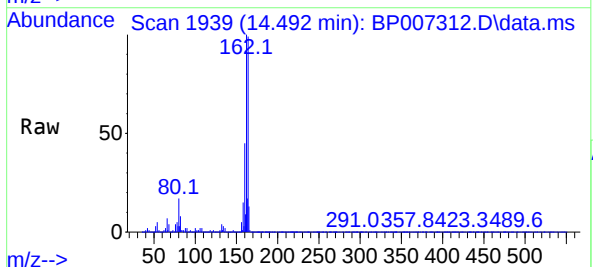
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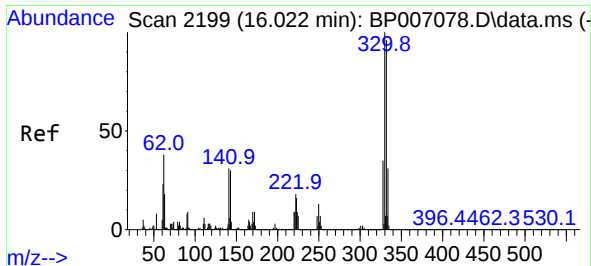
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

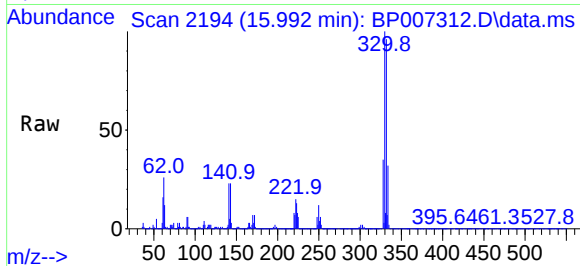
Tgt Ion: 164 Resp: 305586
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 45.5 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 123.92 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

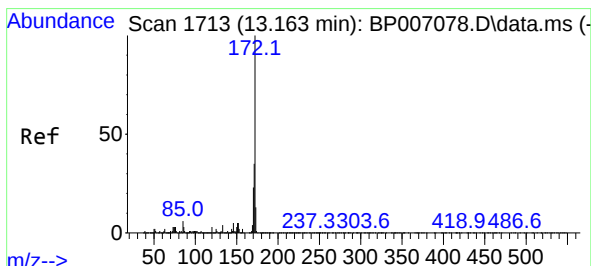
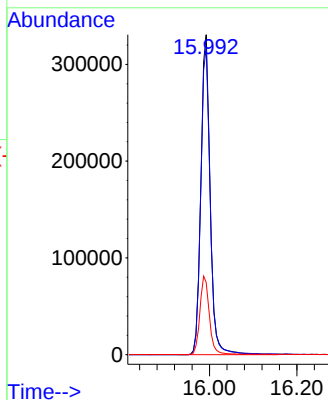
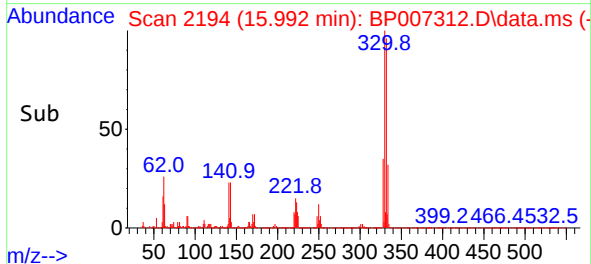
Instrument :
BNA_P
ClientSampleId :
HR-03-100121



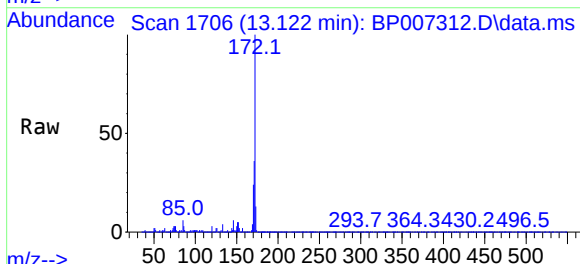
Tgt Ion:330 Resp: 490956
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 24.8 25.4 38.2#

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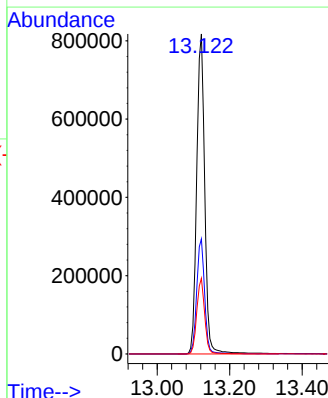
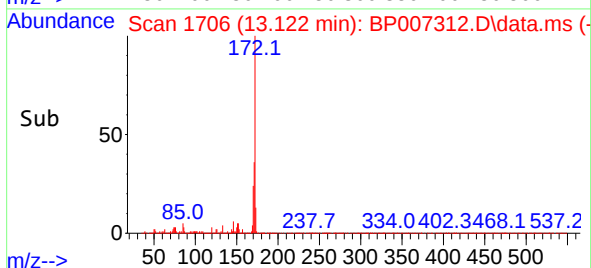
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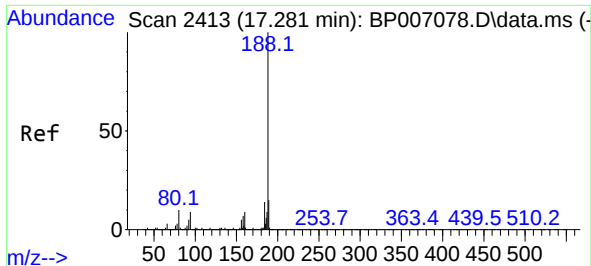


#45
2-Fluorobiphenyl
Concen: 59.25 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12



Tgt Ion:172 Resp: 1263883
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.7 18.6 27.8





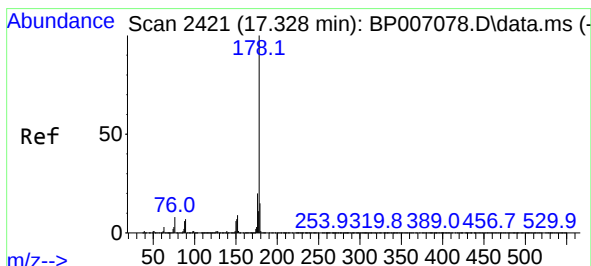
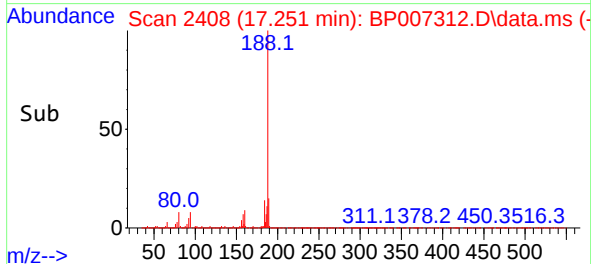
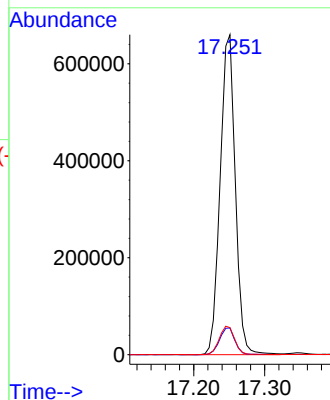
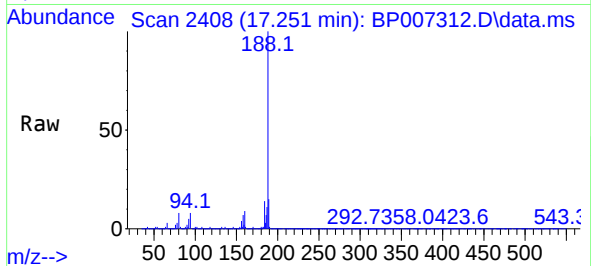
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion:188 Resp: 975777
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4
80 8.4 6.3 9.5

Instrument :
BNA_P
ClientSampleId :
HR-03-100121

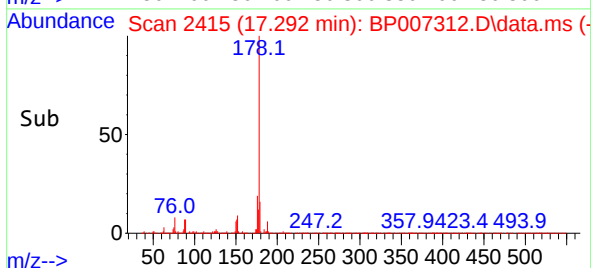
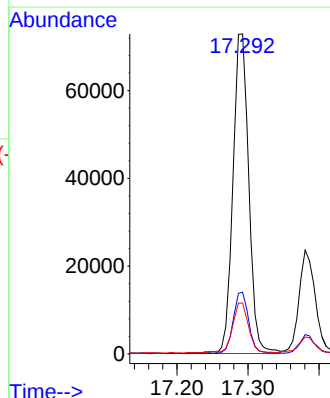
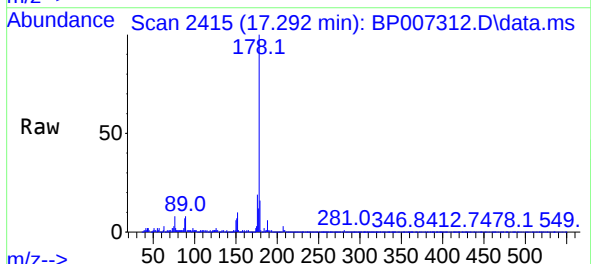
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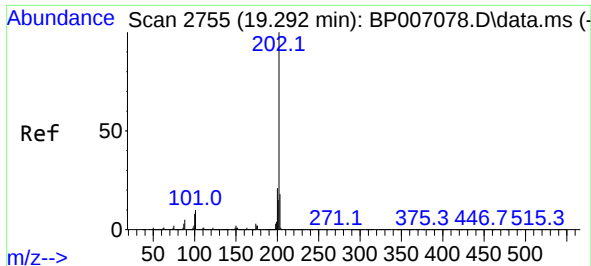
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#71
Phenanthrene
Concen: 2.16 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

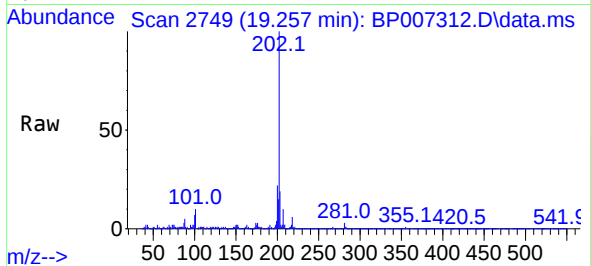
Tgt Ion:178 Resp: 113131
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.9 12.4 18.6





#75
Fluoranthene
Concen: 2.19 ng
RT: 19.257 min Scan# 2749
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

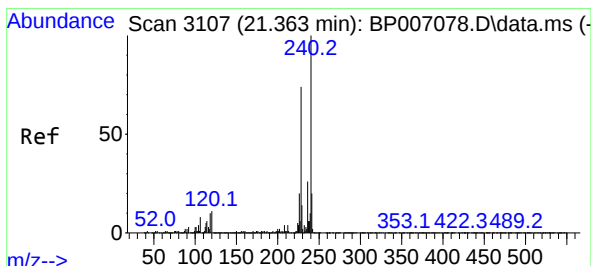
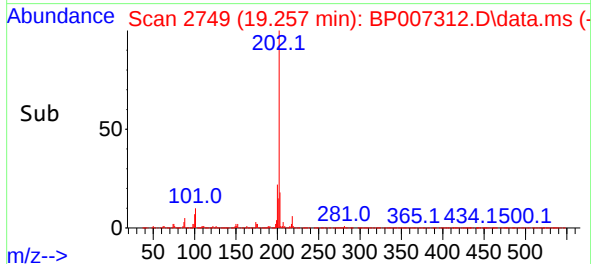
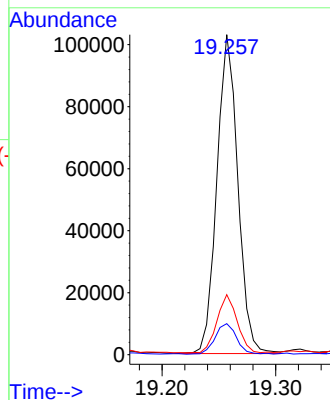
Instrument :
BNA_P
ClientSampleId :
HR-03-100121



Tgt Ion:202 Resp: 132052
Ion Ratio Lower Upper
202 100
101 9.7 0.0 27.6
203 18.8 0.0 37.8

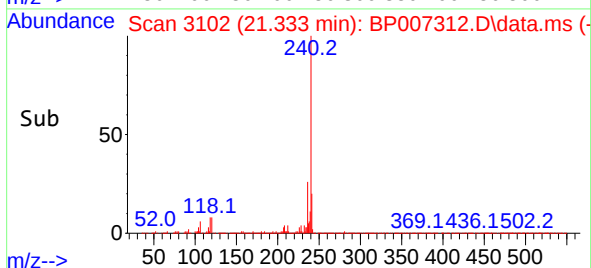
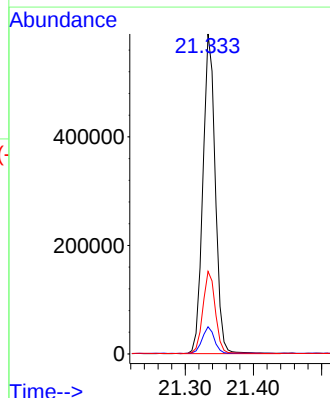
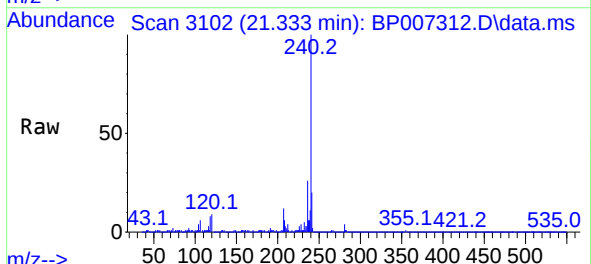
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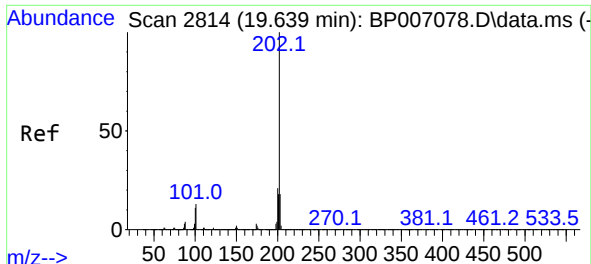
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.333 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

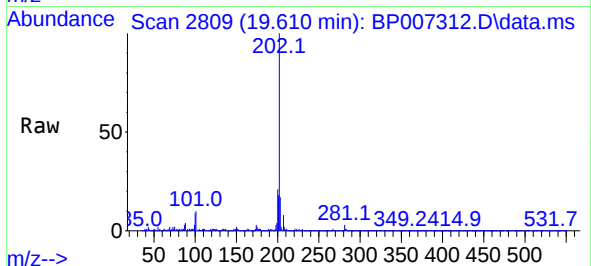
Tgt Ion:240 Resp: 743636
Ion Ratio Lower Upper
240 100
120 8.5 6.5 9.7
236 25.8 20.6 31.0





#78
Pyrene
Concen: 4.28 ng
RT: 19.610 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

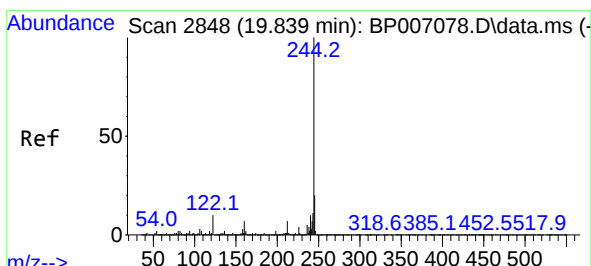
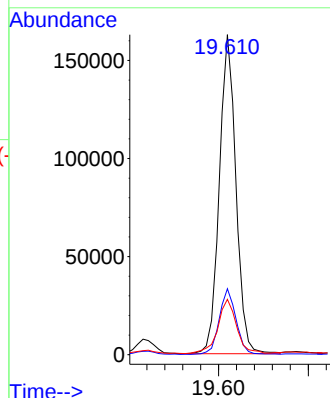
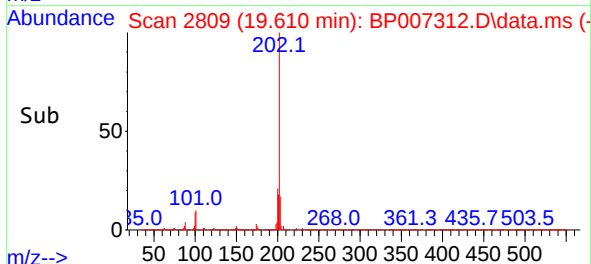
Instrument :
BNA_P
ClientSampleId :
HR-03-100121



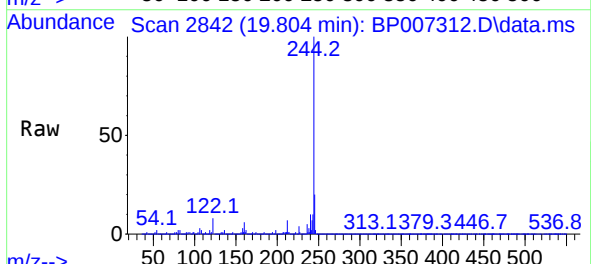
Tgt Ion:202 Resp: 208840
Ion Ratio Lower Upper
202 100
200 20.6 16.3 24.5
203 17.3 14.2 21.2

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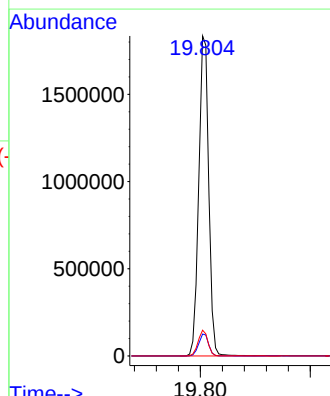
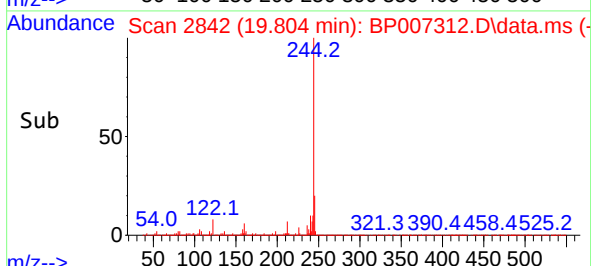
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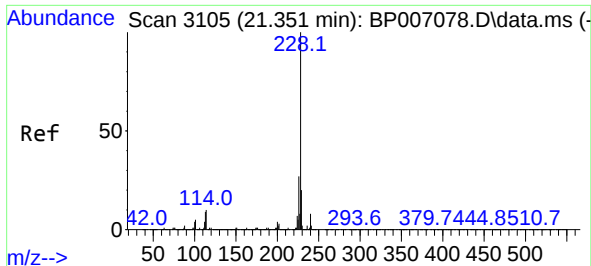


#79
Terphenyl-d14
Concen: 59.47 ng
RT: 19.804 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12



Tgt Ion:244 Resp: 2308023
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 8.1 7.1 10.7





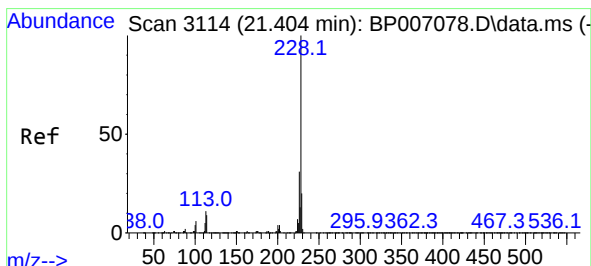
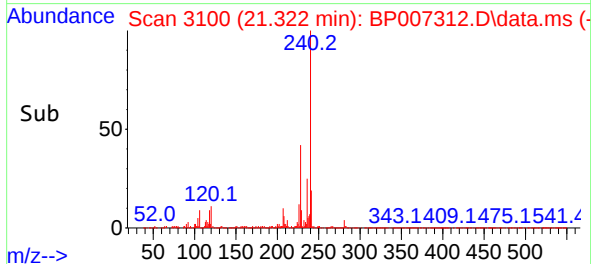
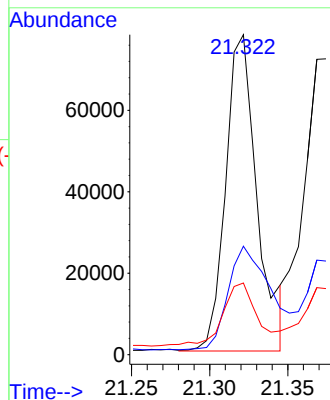
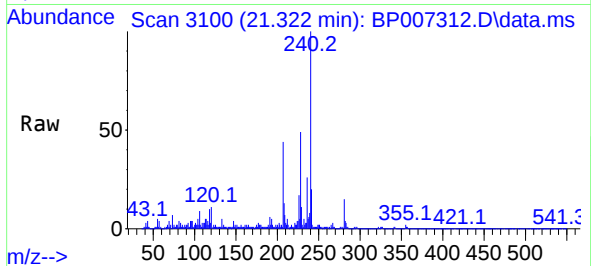
#81
Benzo(a)anthracene
Concen: 2.26 ng m
RT: 21.322 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Tgt Ion:228 Resp: 108996
Ion Ratio Lower Upper
228 100
226 33.9 21.6 32.4#
229 22.4 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
HR-03-100121

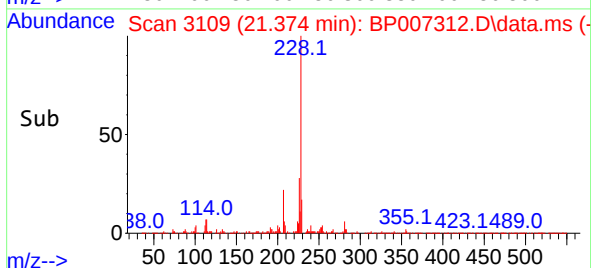
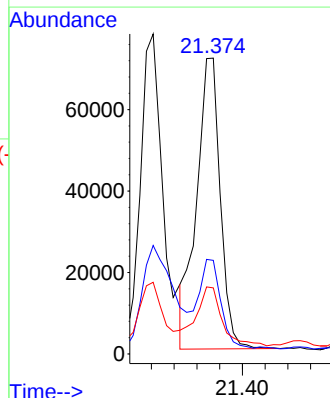
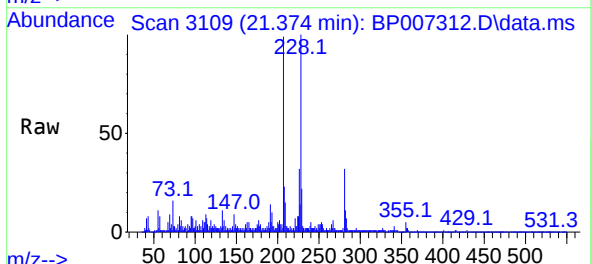
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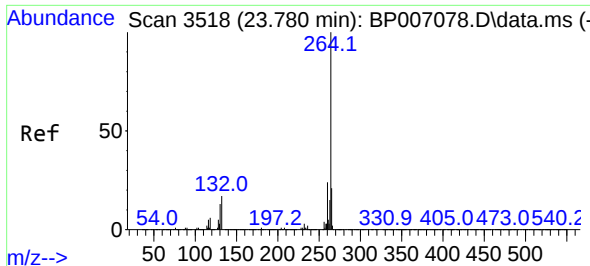
mohammad
10/5/2021 12:08:13 PM



#83
Chrysene
Concen: 2.25 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

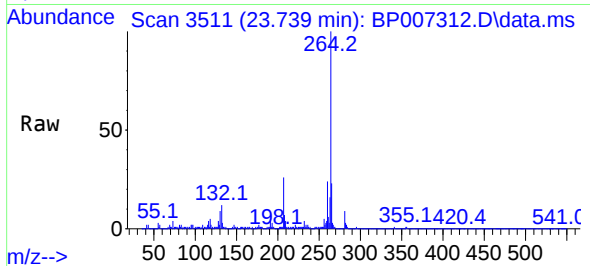
Tgt Ion:228 Resp: 103664
Ion Ratio Lower Upper
228 100
226 31.7 23.8 35.6
229 22.3 15.4 23.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.739 min Scan# 3511
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

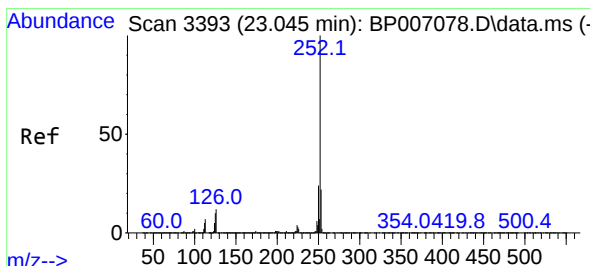
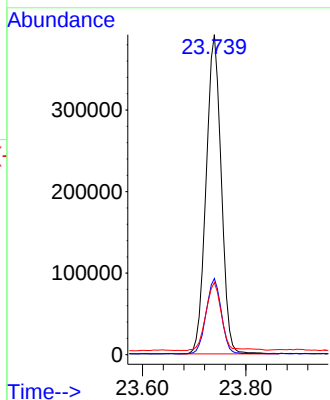
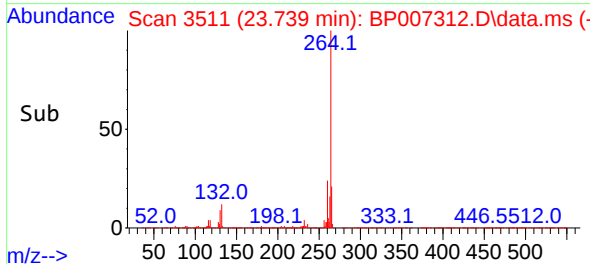
Instrument :
BNA_P
ClientSampleId :
HR-03-100121



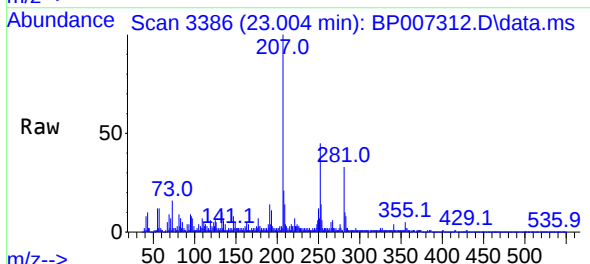
Tgt Ion:264 Resp: 794956
Ion Ratio Lower Upper
264 100
260 23.8 18.6 28.0
265 22.6 17.6 26.4

Manual Integrations
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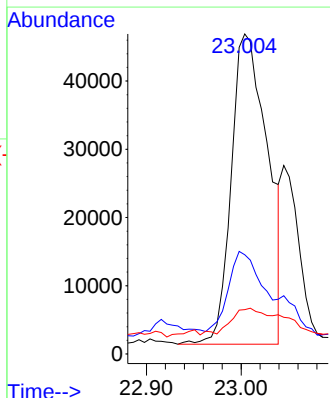
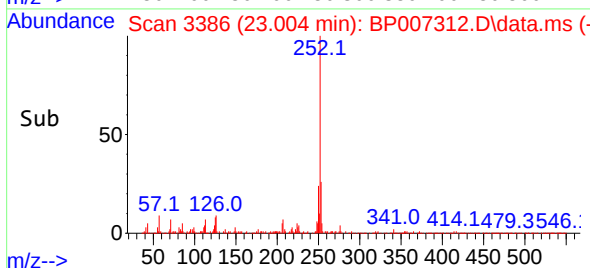
mohammad
10/5/2021 12:08:13 PM

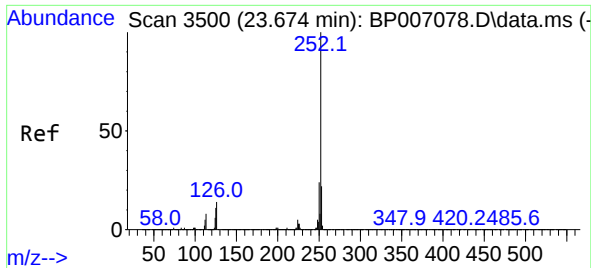


#88
Benzo(b)fluoranthene
Concen: 2.56 ng
RT: 23.004 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12



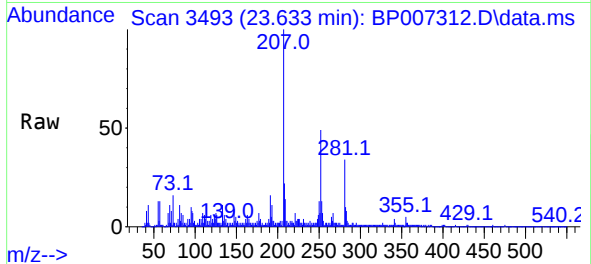
Tgt Ion:252 Resp: 121390
Ion Ratio Lower Upper
252 100
253 31.0 17.5 26.3#
125 13.8 6.2 9.4#





#90
Benzo(a)pyrene
Concen: 2.39 ng
RT: 23.633 min Scan# 3493
Delta R.T. -0.006 min
Lab File: BP007312.D
Acq: 04 Oct 2021 19:12

Instrument :
BNA_P
ClientSampleId :
HR-03-100121



Tgt Ion:252 Resp: 96534
Ion Ratio Lower Upper
252 100
253 25.8 17.9 26.9
125 14.2 6.5 9.7#

Manual Integrations
APPROVED

mohammad
10/5/2021 12:08:13 PM

