

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
 Data File : BP006037.D
 Acq On : 23 Jun 2021 16:27
 Operator : CG/JU
 Sample : M2709-10RX
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 0249-AMND-COMP-N(CL-22)RX

Manual Integrations
 APPROVED

mohammad
 6/24/2021 9:51:40 AM

Quant Time: Jun 24 01:16:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	69792	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	271474	20.000	ng	# 0.00
39) Acenaphthene-d10	14.546	164	169327	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	339550	20.000	ng	0.00
76) Chrysene-d12	21.369	240	384621	20.000	ng	0.00
86) Perylene-d12	23.774	264	444123	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	34317	7.890	ng	0.00
7) Phenol-d6	7.093	99	297622	52.793	ng	0.00
23) Nitrobenzene-d5	9.081	82	289051	52.201	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	11633	4.003	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	698963	54.205	ng	0.00
79) Terphenyl-d14	19.839	244	1192211	58.042	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.334	178	106539	5.225	ng	98
75) Fluoranthene	19.298	202	399915	16.149	ng	99
78) Pyrene	19.645	202	432965	16.125	ng	100
81) Benzo(a)anthracene	21.351	228	350764	12.634	ng	97
83) Chrysene	21.404	228	370817m	13.789	ng	
87) Indeno(1,2,3-cd)pyrene	26.298	276	263416	6.936	ng	98
88) Benzo(b)fluoranthene	23.039	252	537499	17.670	ng	# 97
89) Benzo(k)fluoranthene	23.080	252	176822m	5.995	ng	
90) Benzo(a)pyrene	23.669	252	392195	13.714	ng	# 97
91) Dibenzo(a,h)anthracene	26.298	278	83970	2.569	ng	# 81
92) Benzo(g,h,i)perylene	27.080	276	271520	8.408	ng	98

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

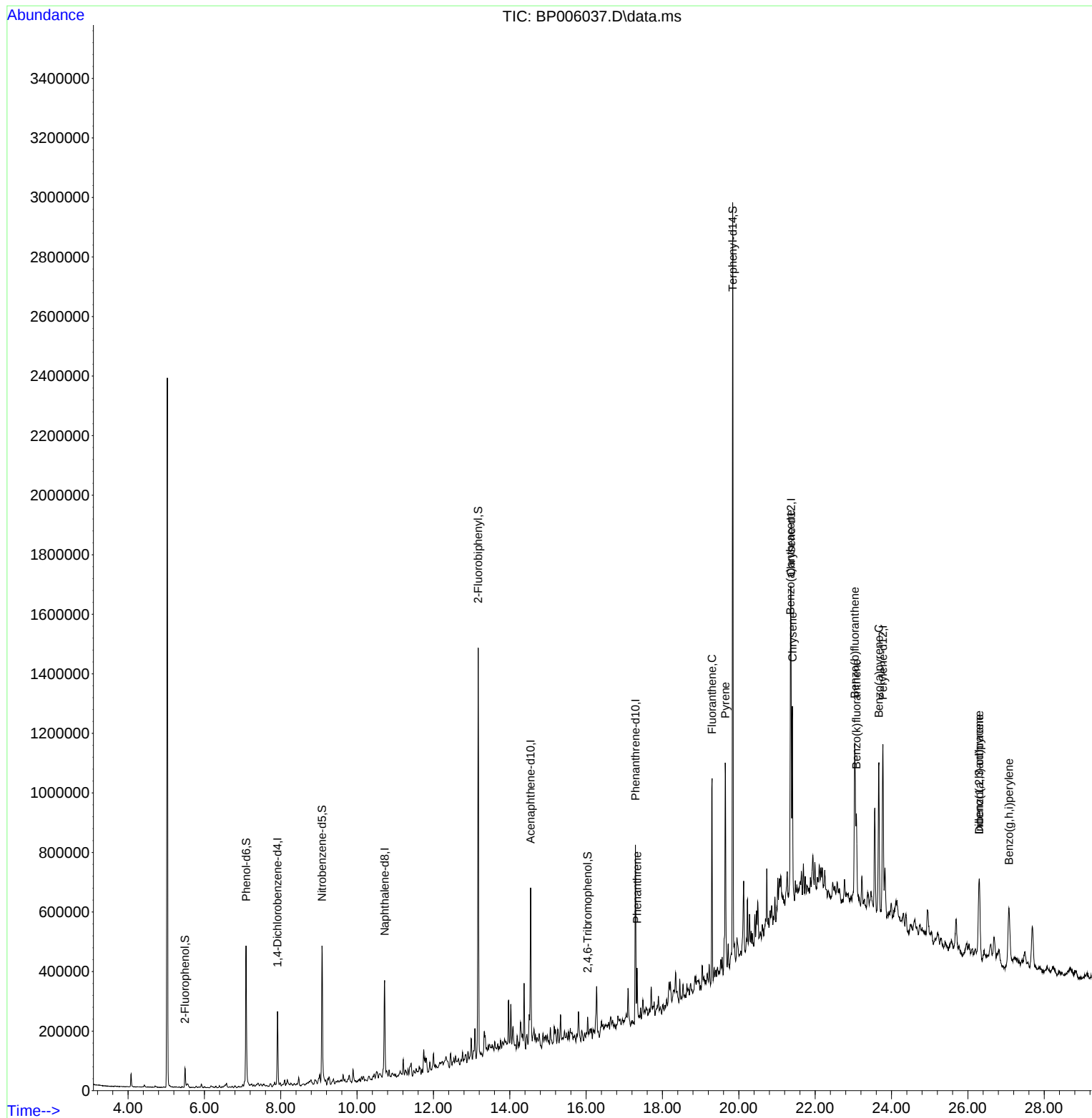
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
Data File : BP006037.D
Acq On : 23 Jun 2021 16:27
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ALS Vial : 11 Sample Multiplier: 1

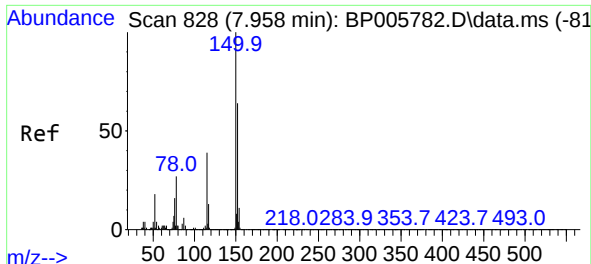
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
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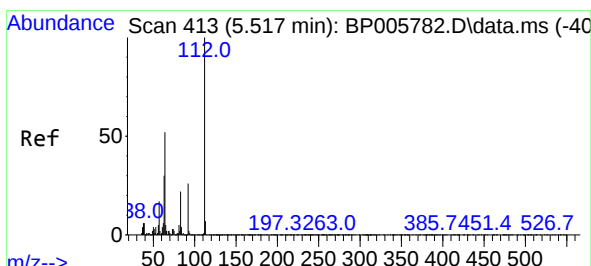
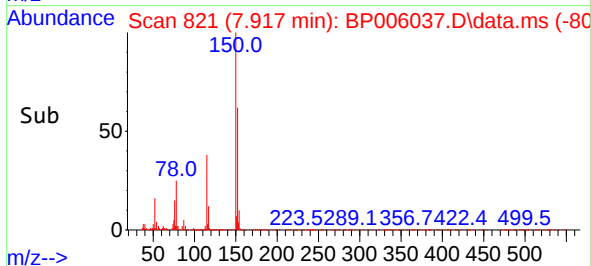
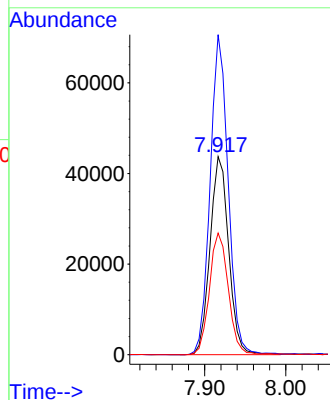
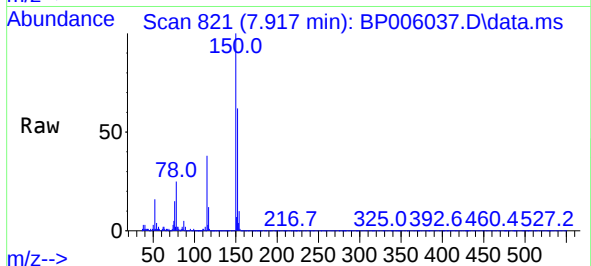
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.917 min Scan# 821
Delta R.T. -0.005 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:	152	Resp:	69792
Ion Ratio	Lower	Upper	
152	100		
150	161.5	125.6	188.4
115	61.4	48.5	72.7

Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

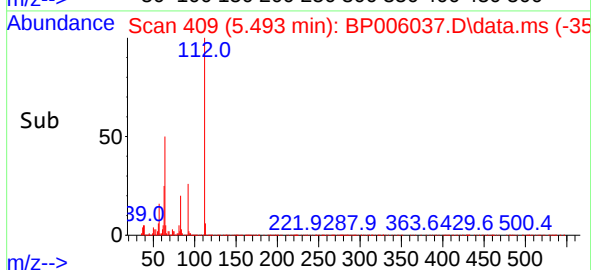
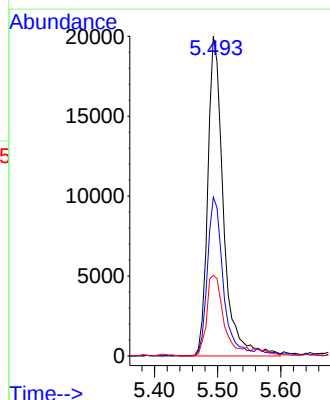
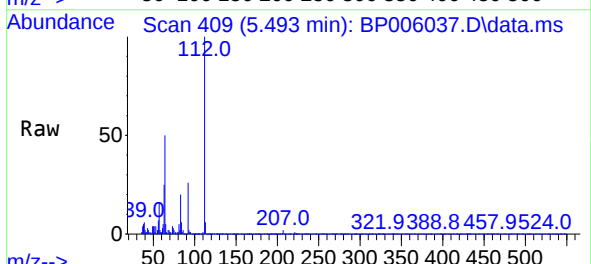
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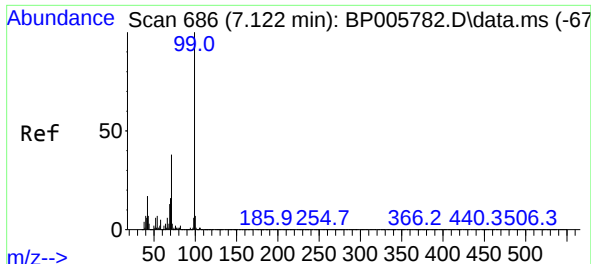
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#5
2-Fluorophenol
Concen: 7.890 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:	112	Resp:	34317
Ion Ratio	Lower	Upper	
112	100		
64	49.6	41.4	62.2
63	25.2	23.8	35.8





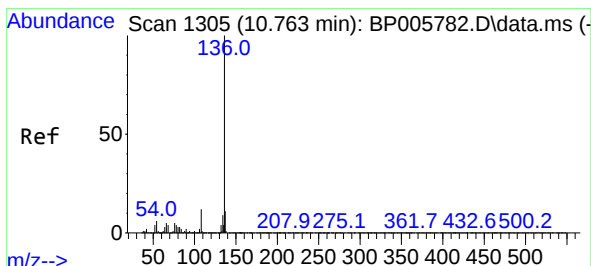
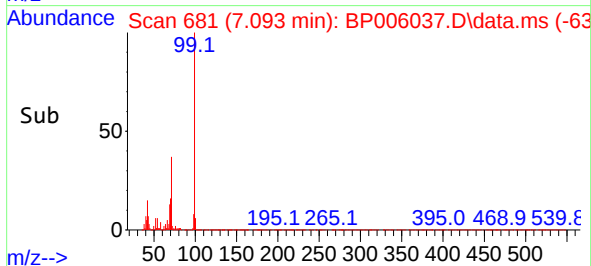
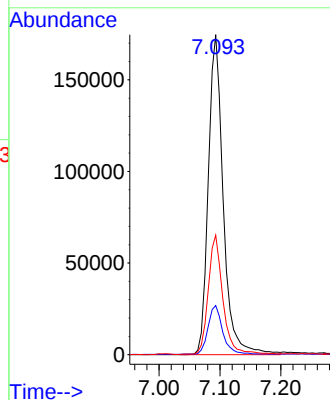
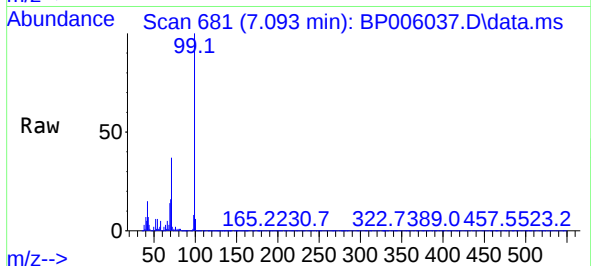
#7
Phenol-d6
Concen: 52.793 ng
RT: 7.093 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion: 99 Resp: 297622
Ion Ratio Lower Upper
99 100
42 15.3 13.4 20.0
71 37.3 30.6 46.0

Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

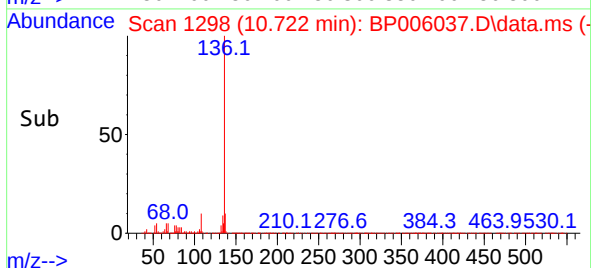
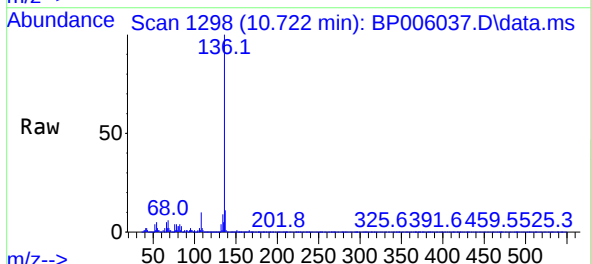
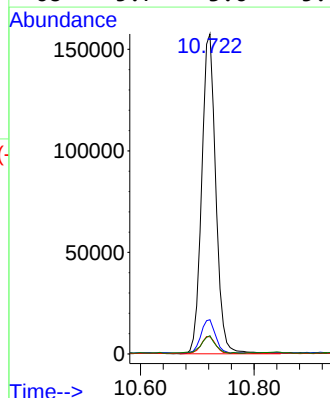
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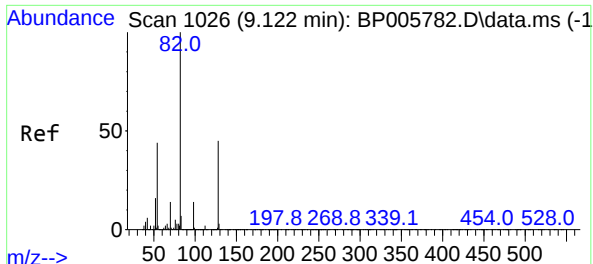
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

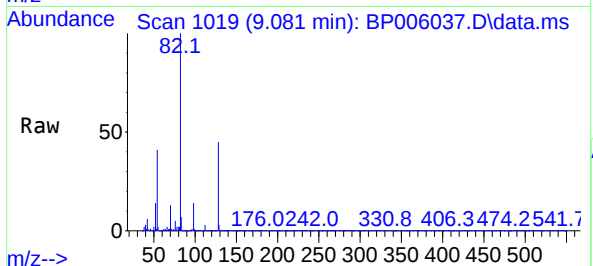
Tgt Ion: 136 Resp: 271474
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 5.3 4.6 6.8
68 5.7 3.6 5.4





#23
Nitrobenzene-d5
Concen: 52.201 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

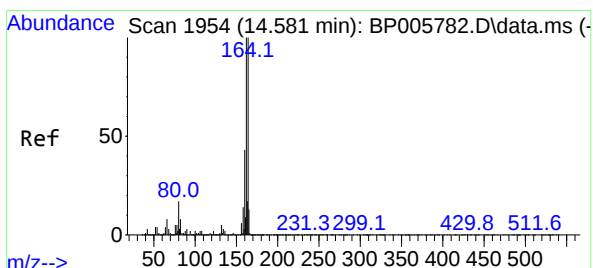
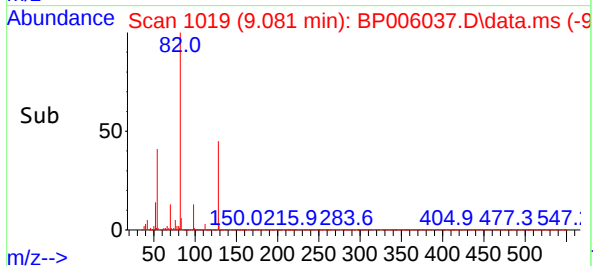
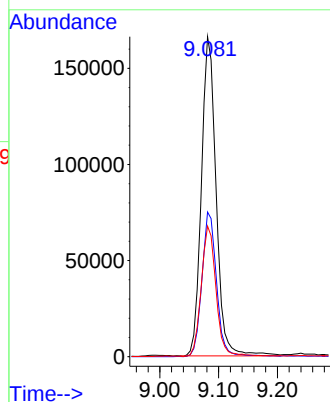
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX



Tgt Ion: 82 Resp: 289051
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 40.8 35.0 52.4

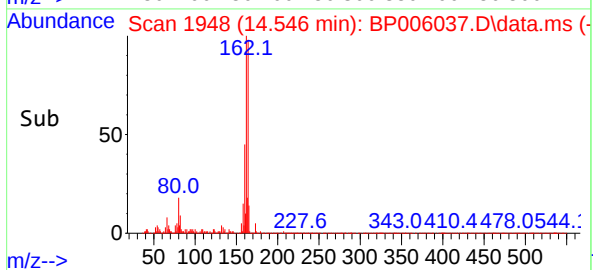
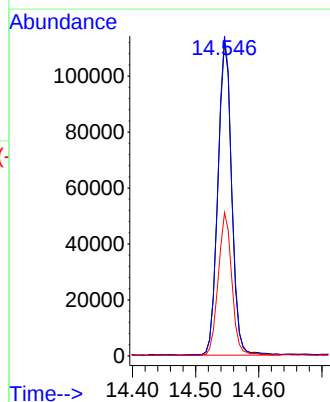
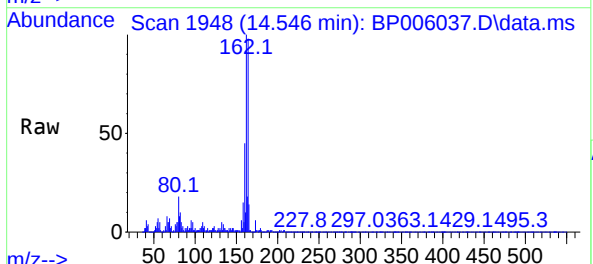
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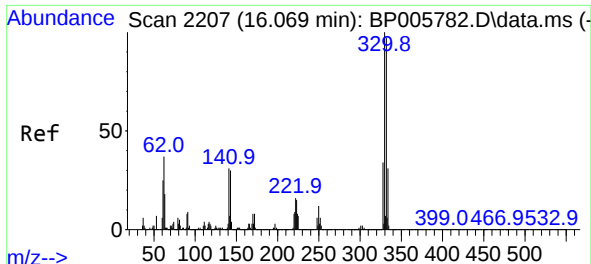
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.546 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

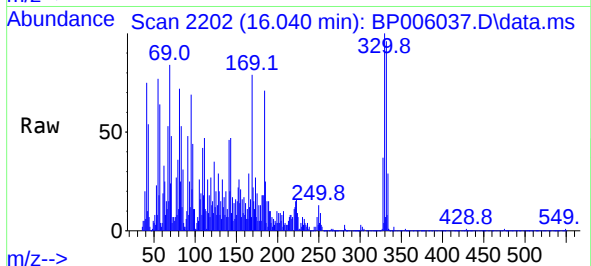
Tgt Ion: 164 Resp: 169327
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 45.6 34.5 51.7





#42
2,4,6-Tribromophenol
Concen: 4.003 ng
RT: 16.040 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

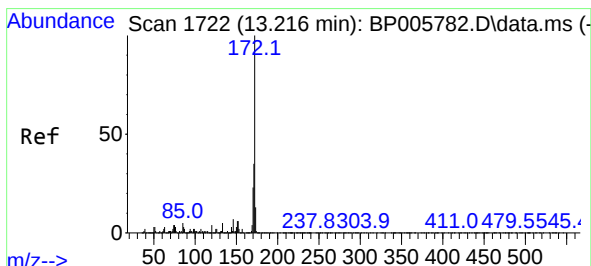
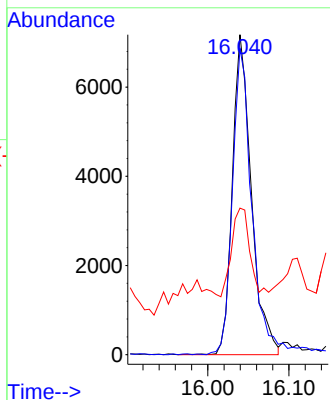
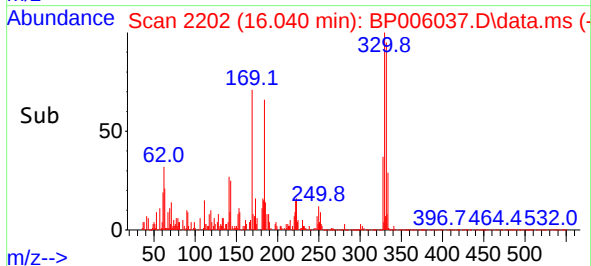
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX



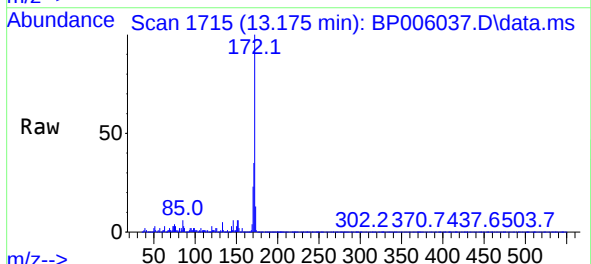
Tgt Ion:330 Resp: 11633
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 26.8 25.4 38.2

Manual Integrations
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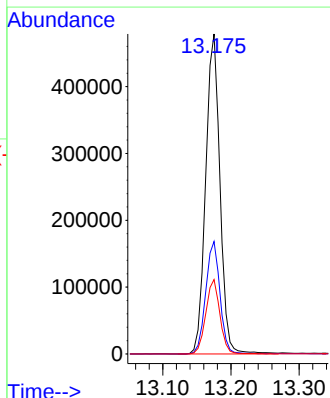
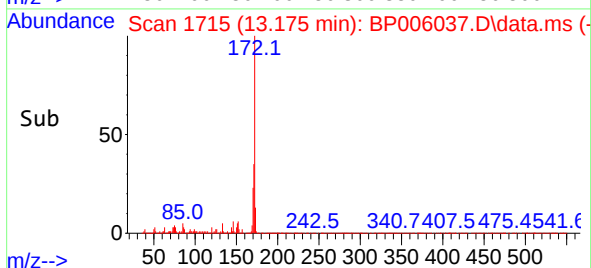
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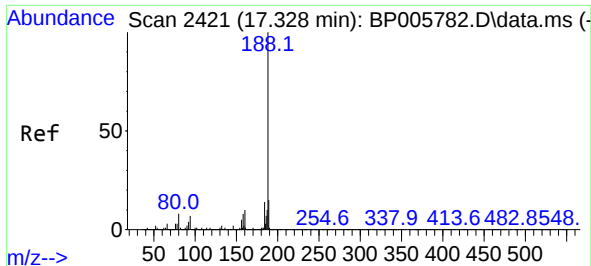


#45
2-Fluorobiphenyl
Concen: 54.205 ng
RT: 13.175 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27



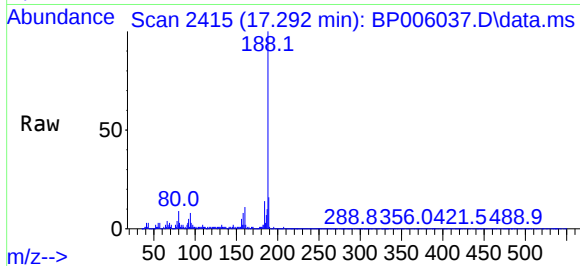
Tgt Ion:172 Resp: 698963
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.3 18.6 27.8





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

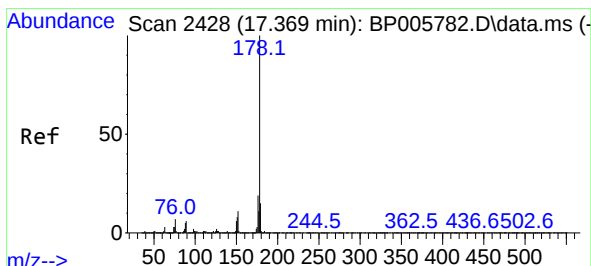
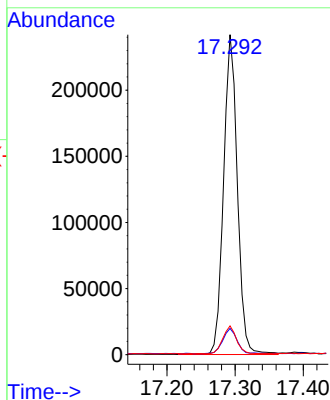
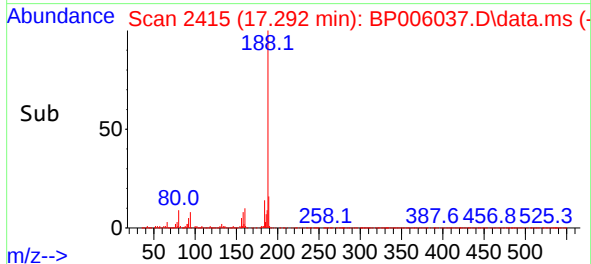
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0249-AMND-COMP-N(CL-22)RX



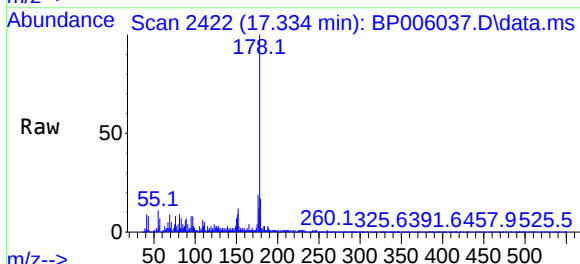
Tgt Ion:188 Resp: 339550
Ion Ratio Lower Upper
188 100
94 8.2 5.6 8.4
80 9.0 6.3 9.5

Manual Integrations
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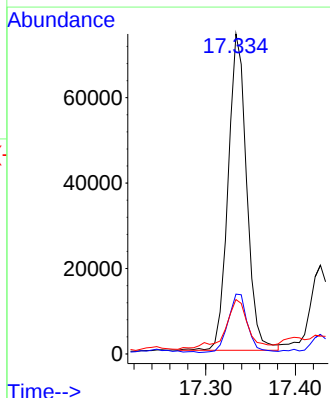
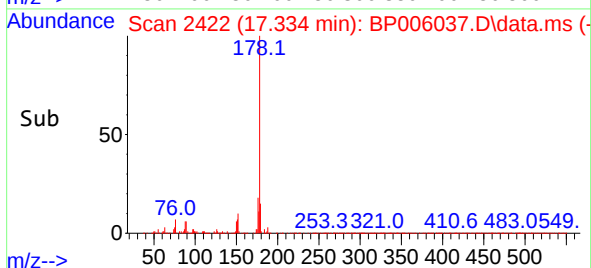
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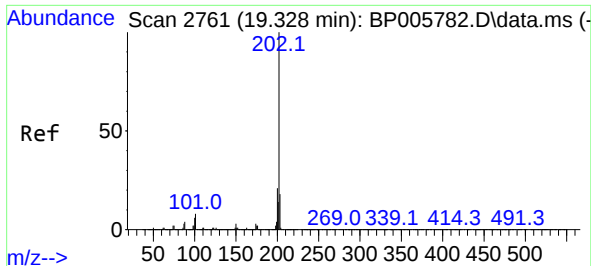


#71
Phenanthrene
Concen: 5.225 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27



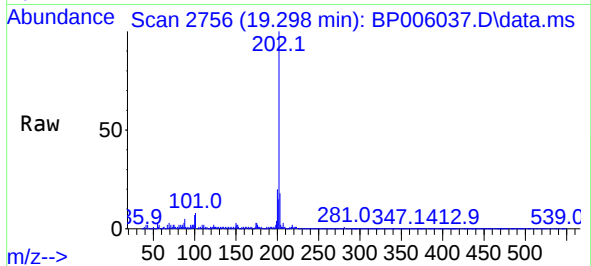
Tgt Ion:178 Resp: 106539
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 17.0 12.4 18.6





#75
Fluoranthene
Concen: 16.149 ng
RT: 19.298 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

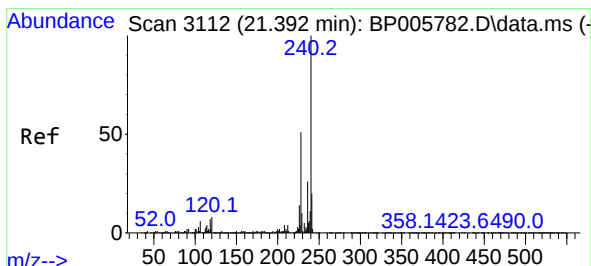
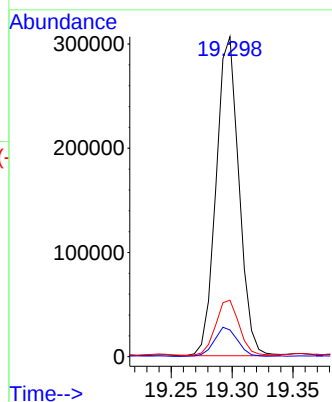
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ClientSampleId :
0249-AMND-COMP-N(CL-22)RX



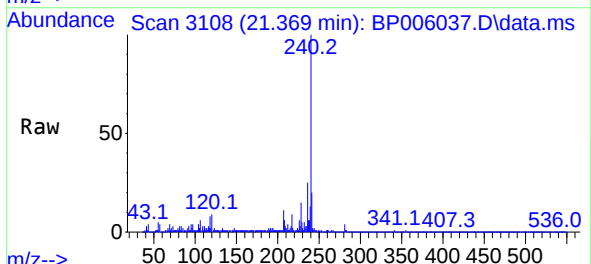
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Ion Ratio Lower Upper
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101 8.3 0.0 27.6
203 17.7 0.0 37.8

Manual Integrations
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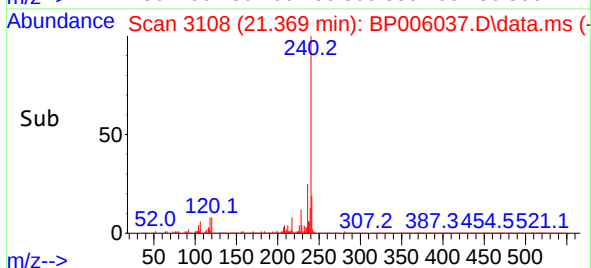
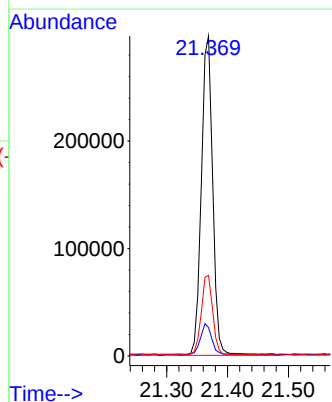
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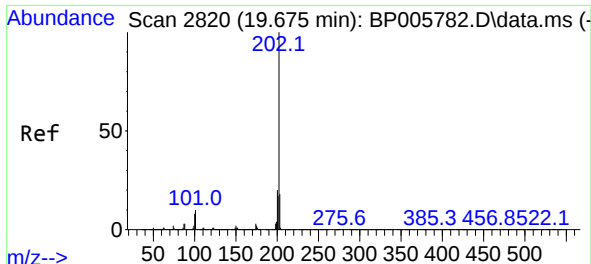


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.369 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27



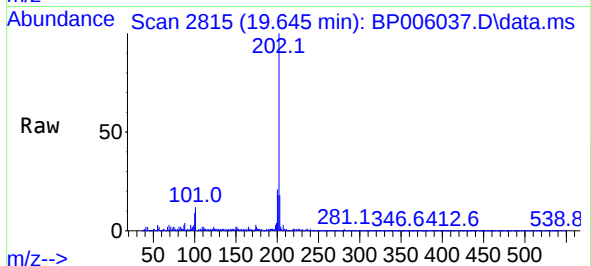
Tgt Ion:240 Resp: 384621
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 25.2 20.6 31.0





#78
Pyrene
Concen: 16.125 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

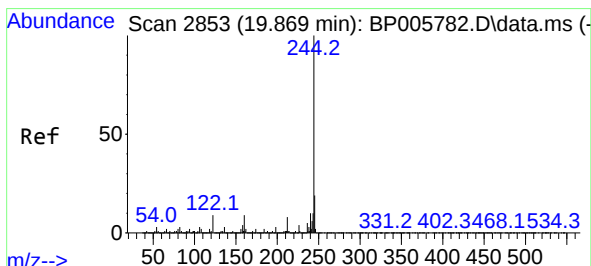
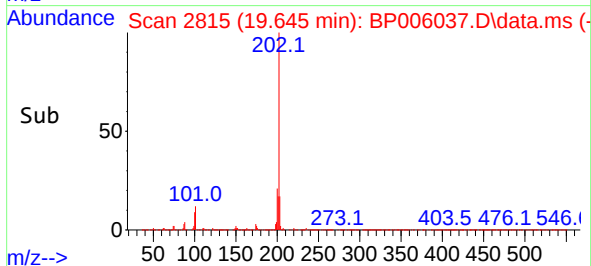
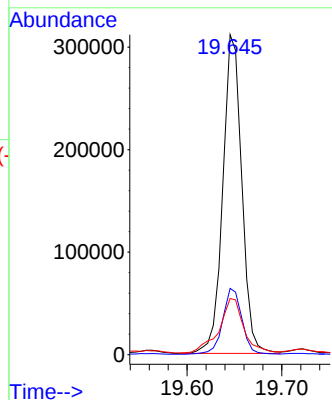
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX



Tgt Ion:202 Resp: 432965
Ion Ratio Lower Upper
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203 17.6 14.2 21.2

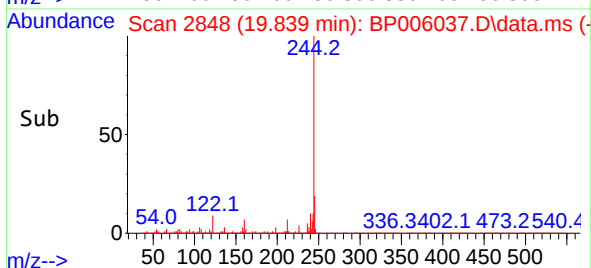
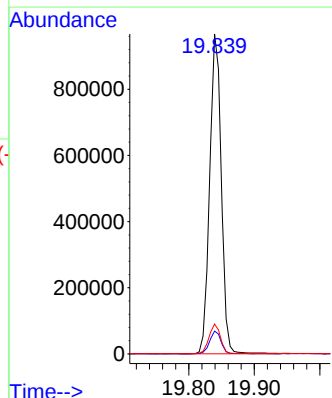
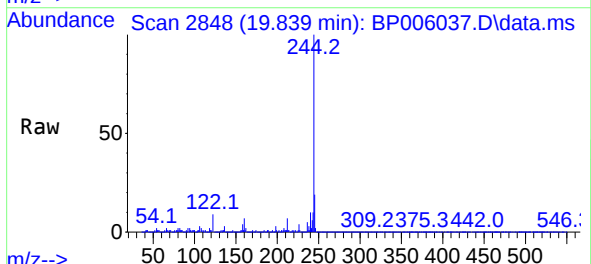
Manual Integrations
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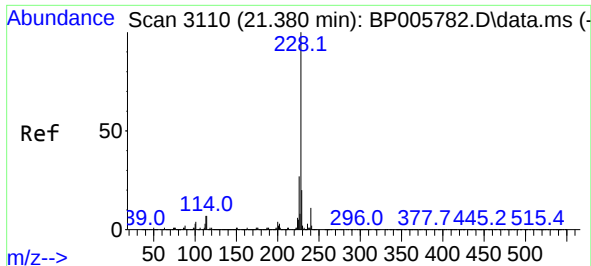
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#79
Terphenyl-d14
Concen: 58.042 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:244 Resp: 1192211
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.4 7.1 10.7





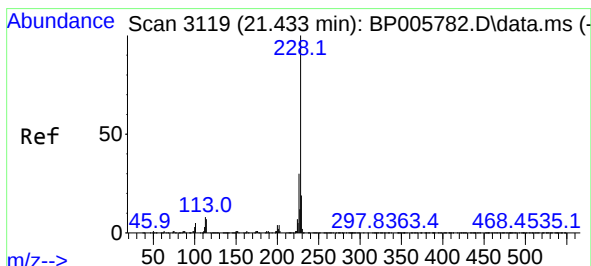
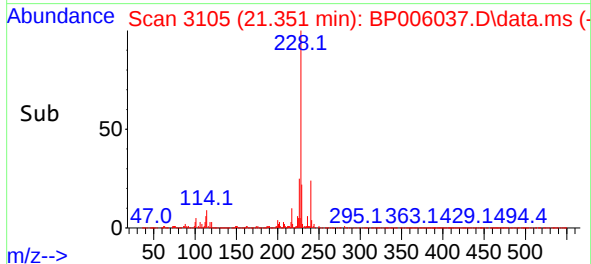
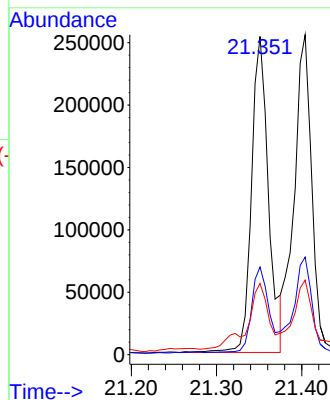
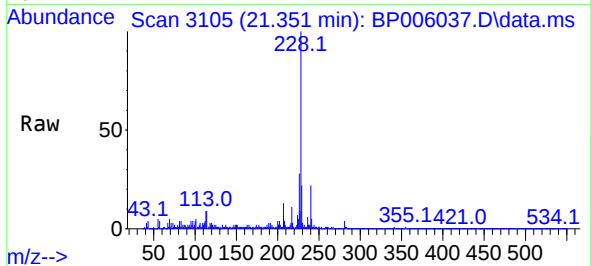
#81
Benzo(a)anthracene
Concen: 12.634 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:228 Resp: 350764
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 22.4 15.8 23.6

Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

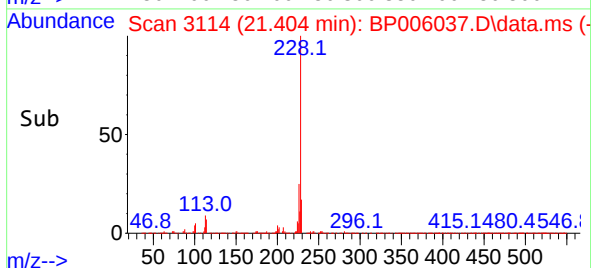
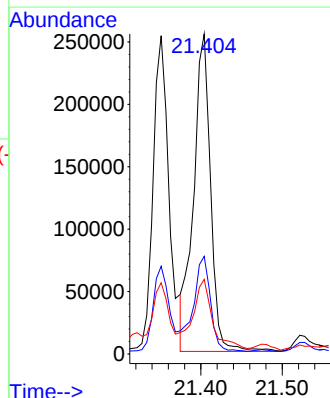
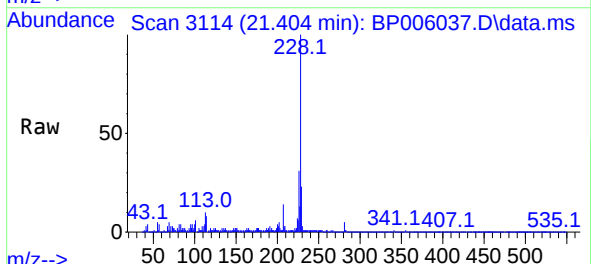
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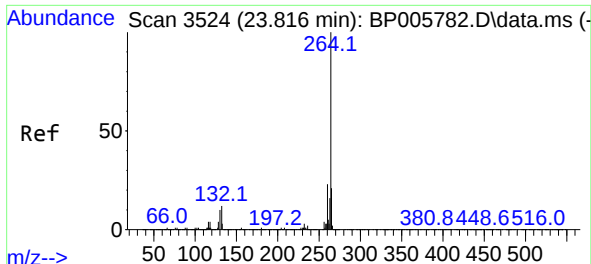
mohammad
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#83
Chrysene
Concen: 13.789 ng m
RT: 21.404 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

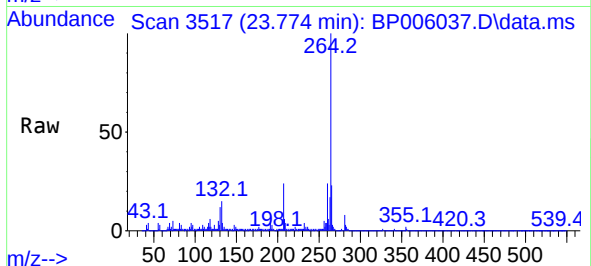
Tgt Ion:228 Resp: 370817
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.6
229 23.3 15.4 23.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 3517
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

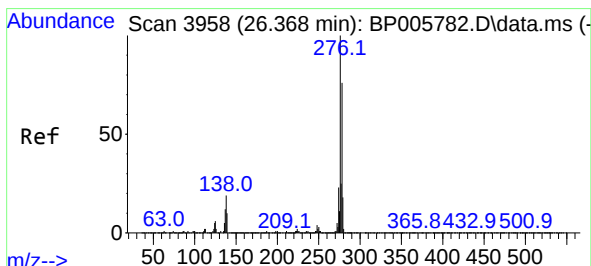
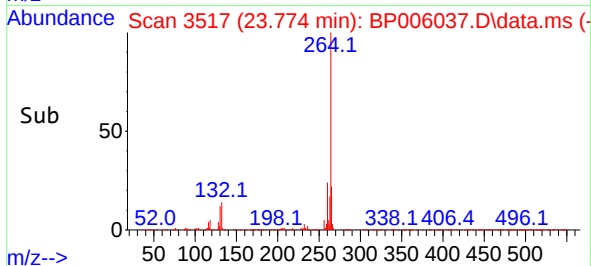
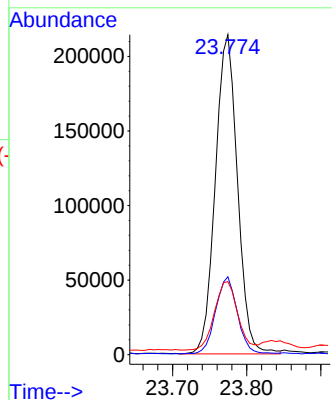
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX



Tgt Ion:264 Resp: 444123
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.8 17.6 26.4

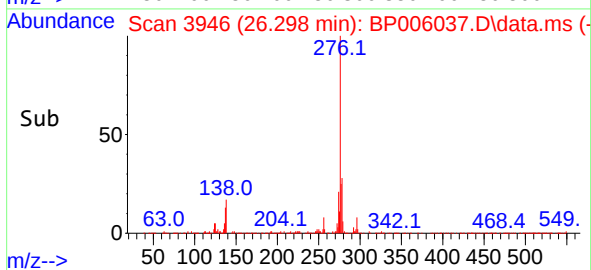
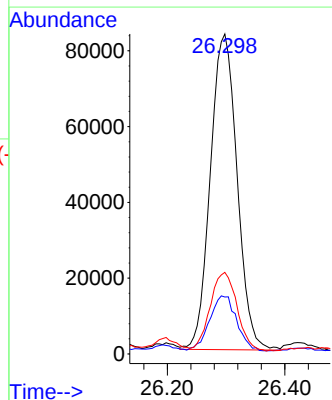
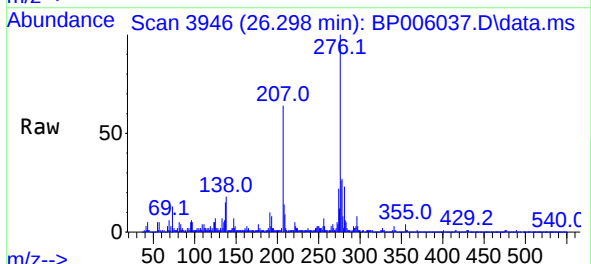
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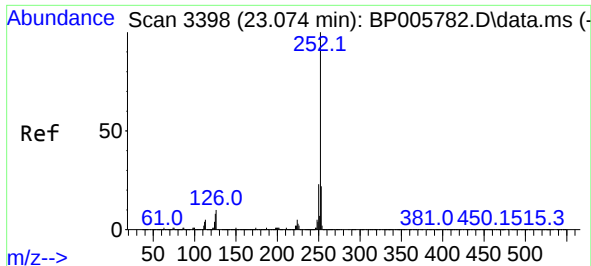
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#87
Indeno(1,2,3-cd)pyrene
Concen: 6.936 ng
RT: 26.298 min Scan# 3946
Delta R.T. -0.012 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:276 Resp: 263416
Ion Ratio Lower Upper
276 100
138 17.6 15.3 22.9
277 25.2 20.4 30.6





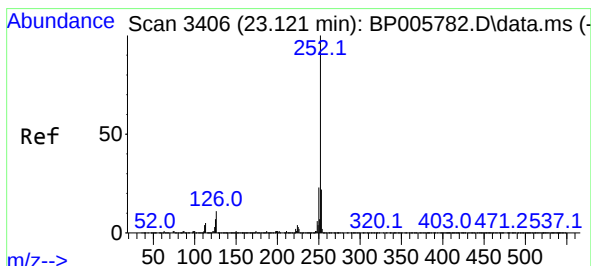
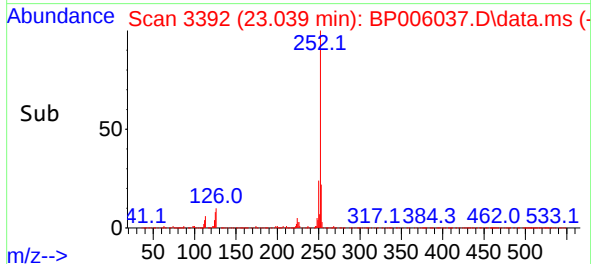
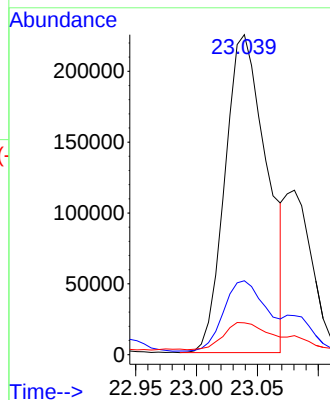
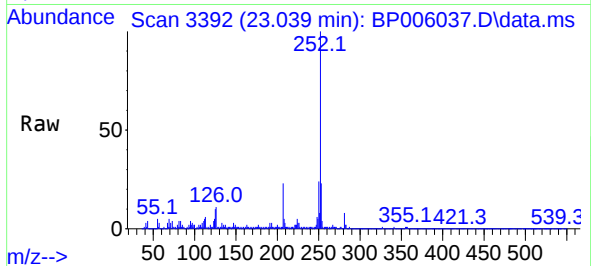
#88
Benzo(b)fluoranthene
Concen: 17.670 ng
RT: 23.039 min Scan# 3392
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:252 Resp: 537499
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.9 6.2 9.4#

Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

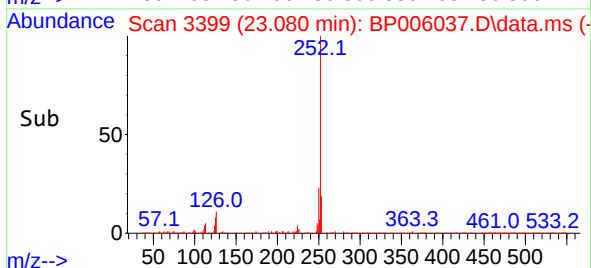
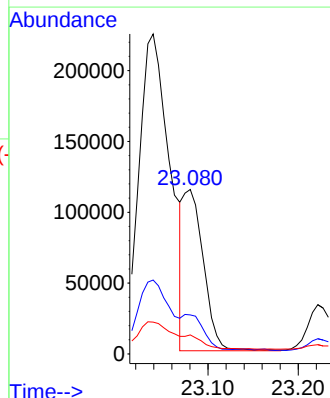
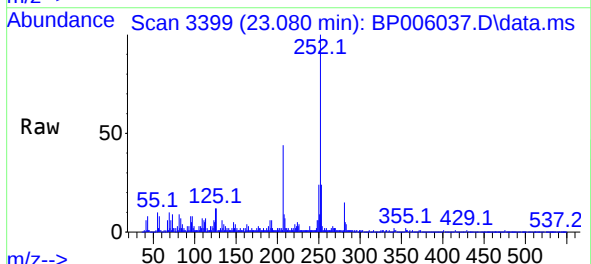
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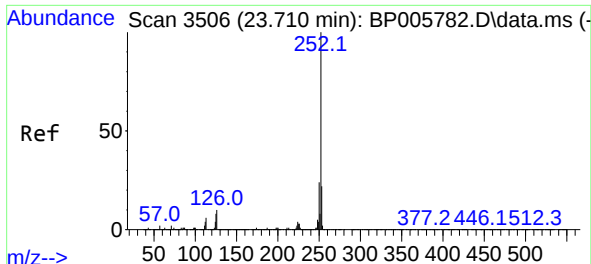
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#89
Benzo(k)fluoranthene
Concen: 5.995 ng m
RT: 23.080 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

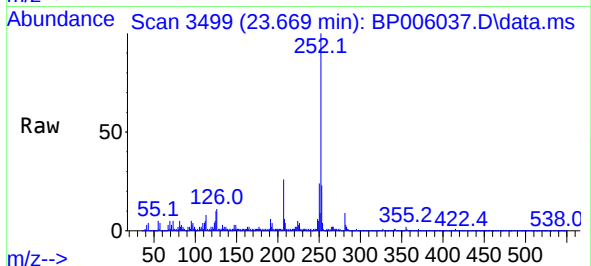
Tgt Ion:252 Resp: 176822
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 11.6 6.0 9.0#





#90
Benzo(a)pyrene
Concen: 13.714 ng
RT: 23.669 min Scan# 3499
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

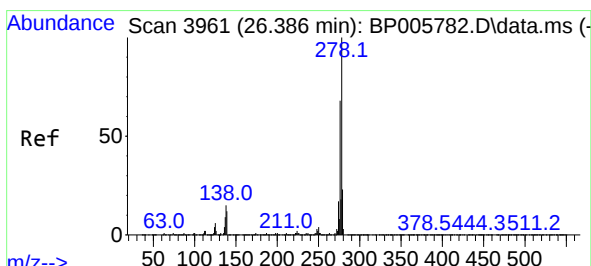
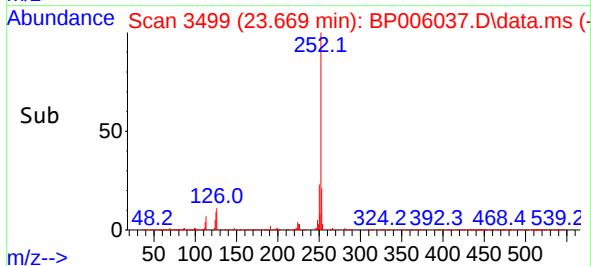
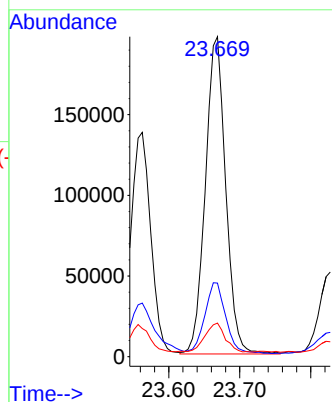
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX



Tgt Ion:252 Resp: 392195
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.5 6.5 9.7#

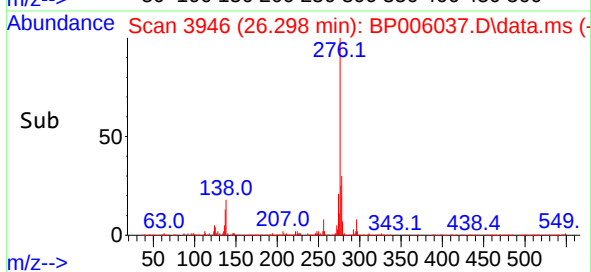
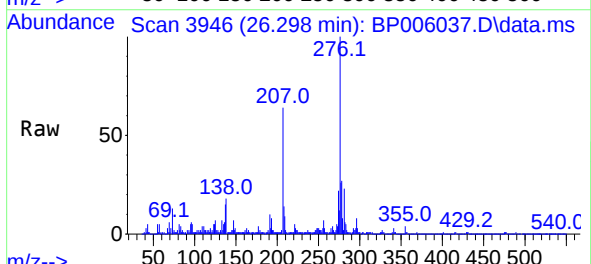
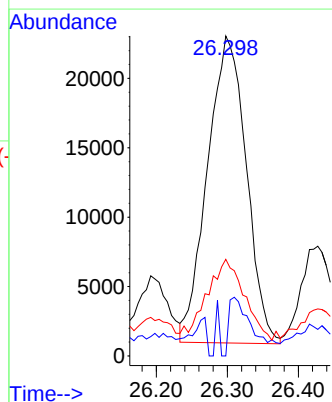
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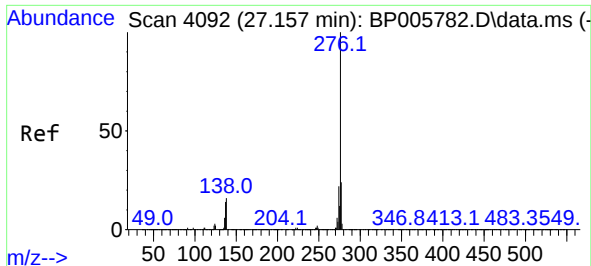
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#91
Dibenzo(a,h)anthracene
Concen: 2.569 ng
RT: 26.298 min Scan# 3946
Delta R.T. -0.023 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

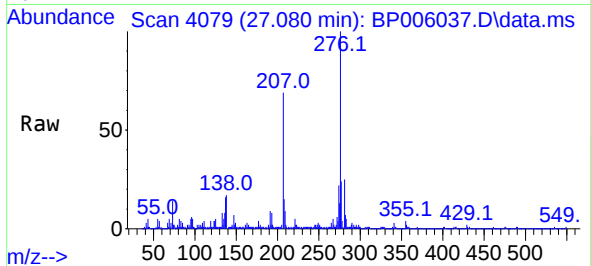
Tgt Ion:278 Resp: 83970
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 30.2 18.8 28.2#





#92
Benzo(g,h,i)perylene
Concen: 8.408 ng
RT: 27.080 min Scan# 4079
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX



Tgt Ion: 276 Resp: 271520
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 17.2 12.6 18.8

Manual Integrations
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