

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
 Data File : BP005539.D
 Acq On : 14 May 2021 02:13
 Operator : CG/JU
 Sample : M2372-07 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR-200032

Manual Integrations
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Quant Time: May 14 03:28:06 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	16397	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	50626	20.00	ng	-0.01
39) Acenaphthene-d10	14.345	164	44614	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	132627	20.00	ng	# 0.01
76) Chrysene-d12	21.203	240	146934	20.00	ng	# 0.01
86) Perylene-d12	23.515	264	157877	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	31819	37.24	ng	0.00
7) Phenol-d6	6.892	99	33952	31.87	ng	0.00
23) Nitrobenzene-d5	8.857	82	29148	22.66	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	42185	33.32	ng	0.01
45) 2-Fluorobiphenyl	12.963	172	79257	20.04	ng	0.00
79) Terphenyl-d14	19.674	244	227846	26.33	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.810	163	10158	2.64	ng	# 83
71) Phenanthrene	17.151	178	56996	7.56	ng	# 88
75) Fluoranthene	19.127	202	127208	12.27	ng	93
78) Pyrene	19.480	202	115799	13.92	ng	97
81) Benzo(a)anthracene	21.186	228	58607	6.16	ng	# 92
83) Chrysene	21.239	228	61055	6.62	ng	# 94
87) Indeno(1,2,3-cd)pyrene	25.915	276	51248	3.86	ng	# 96
88) Benzo(b)fluoranthene	22.809	252	94477	8.98	ng	# 91
89) Benzo(k)fluoranthene	22.856	252	36990m	3.60	ng	
90) Benzo(a)pyrene	23.409	252	60390	6.26	ng	# 93
92) Benzo(g,h,i)perylene	26.656	276	51167	4.72	ng	# 93

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

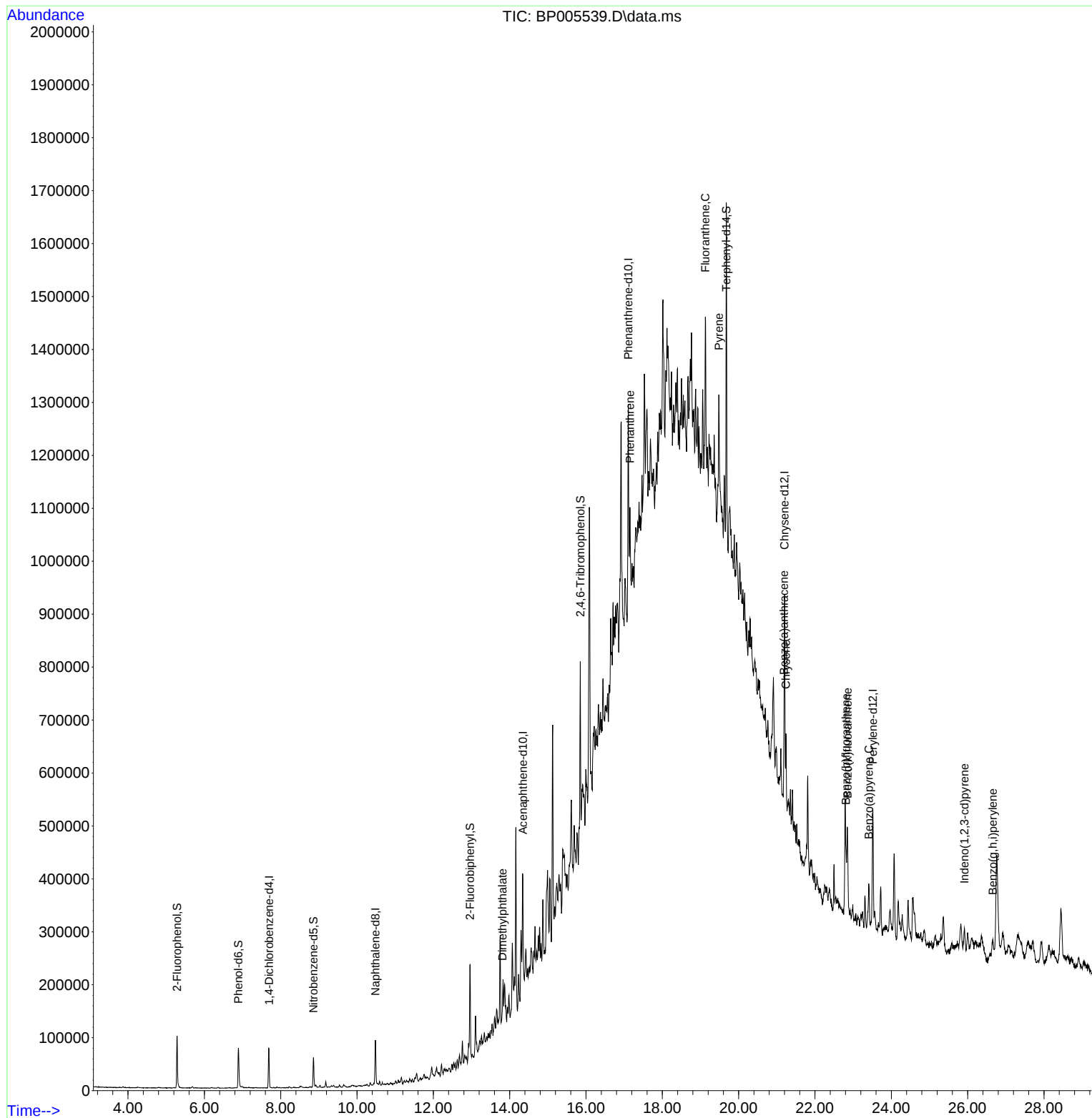
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Data File : BP005539.D
Acq On : 14 May 2021 02:13
Operator : CG/JU
Sample : M2372-07 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

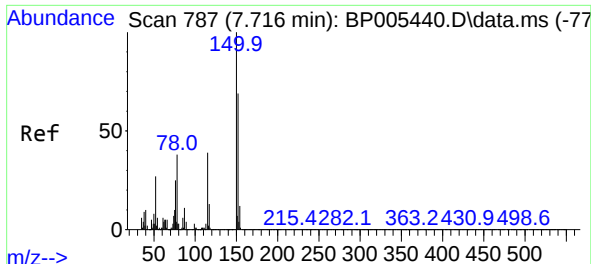
Instrument :
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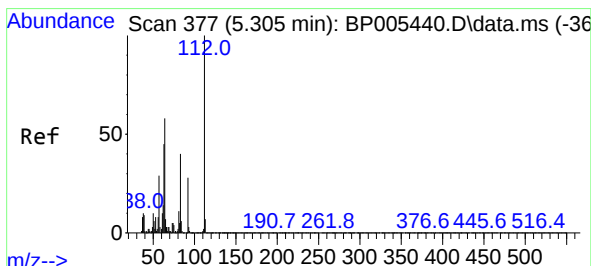
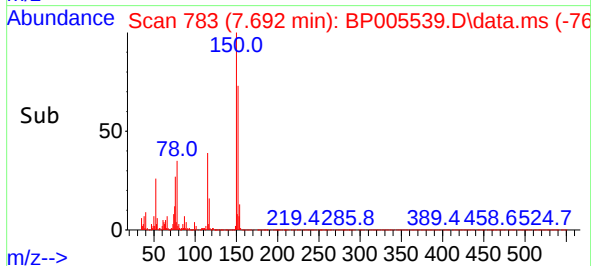
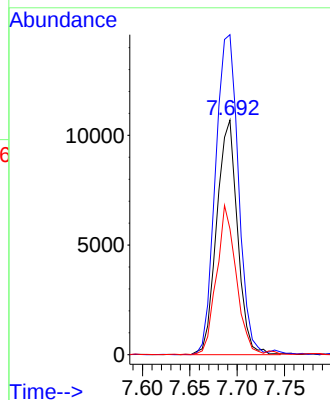
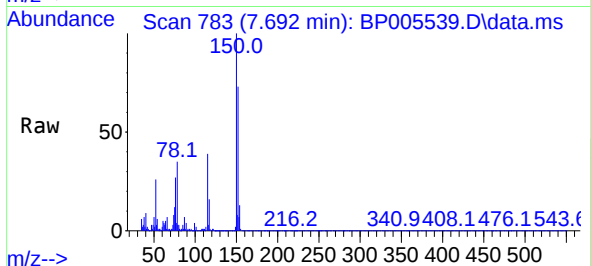
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.692 min Scan# 783
Delta R.T. -0.007 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

Tgt Ion:152 Resp: 16397
Ion Ratio Lower Upper
152 100
150 136.4 119.8 179.8
115 53.6 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
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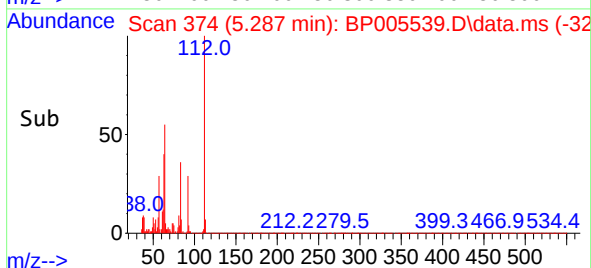
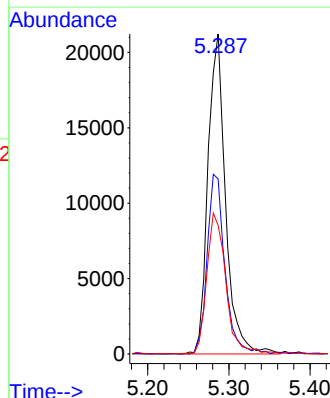
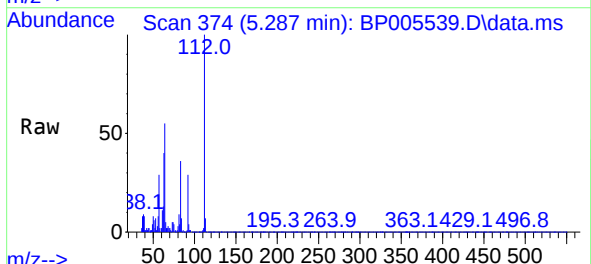
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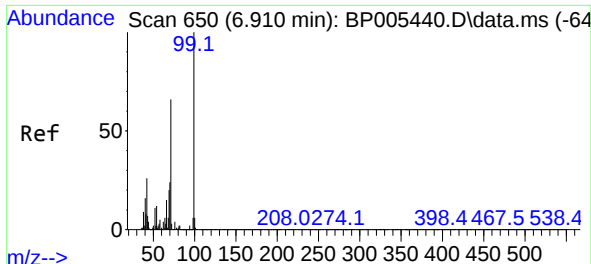
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#5
2-Fluorophenol
Concen: 37.24 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.001 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

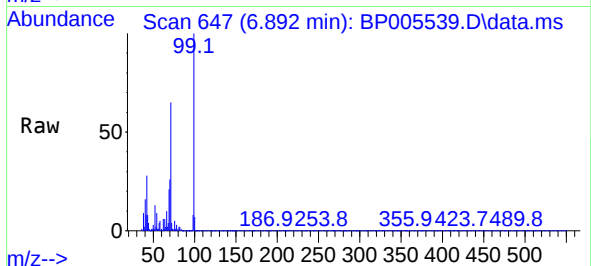
Tgt Ion:112 Resp: 31819
Ion Ratio Lower Upper
112 100
64 54.7 33.6 50.4#
63 40.2 18.6 27.8#





#7
Phenol-d6
Concen: 31.87 ng
RT: 6.892 min Scan# 647
Delta R.T. -0.001 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

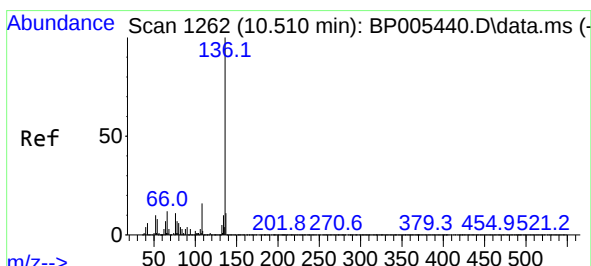
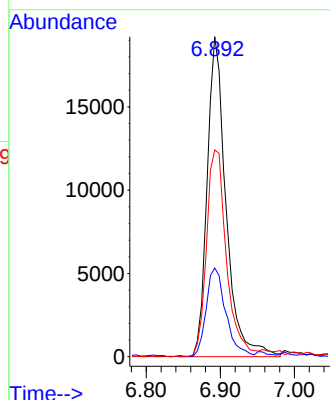
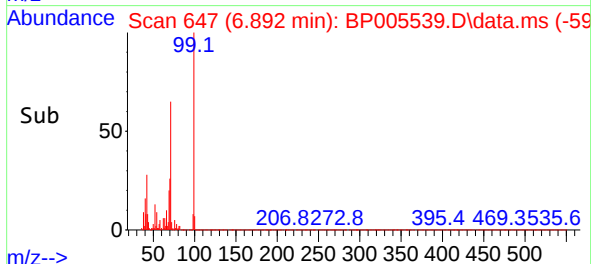
Instrument :
BNA_P
ClientSampleId :
RBR-200032



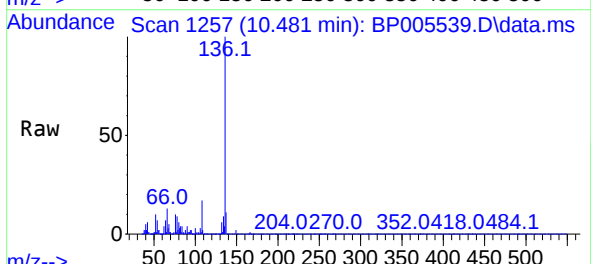
Tgt Ion: 99 Resp: 33952
Ion Ratio Lower Upper
99 100
42 27.7 12.9 19.3#
71 64.6 26.7 40.1#

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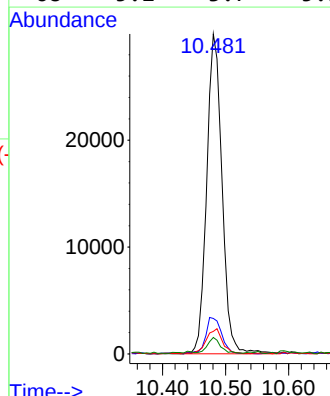
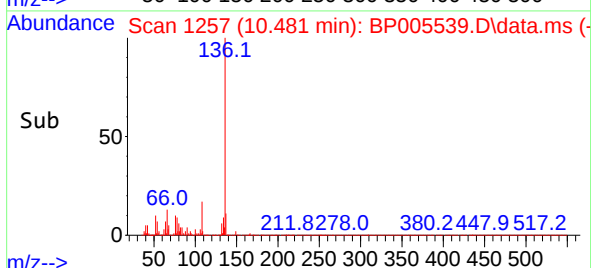
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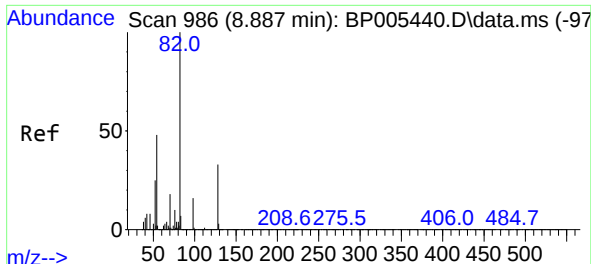


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13



Tgt Ion: 136 Resp: 50626
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.0 5.0 7.4
68 5.2 3.7 5.5





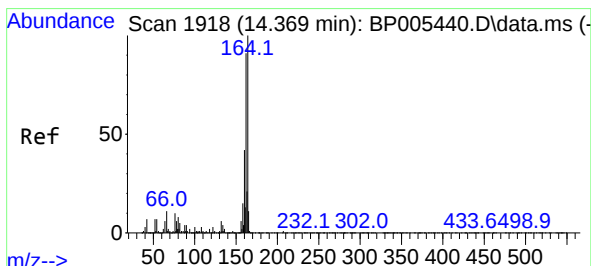
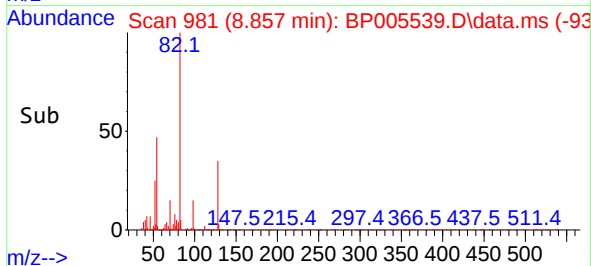
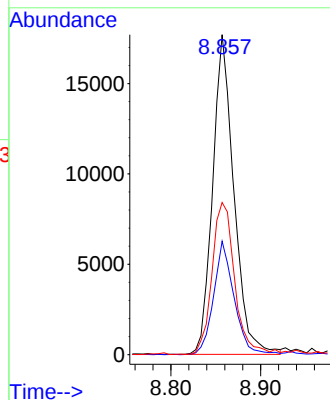
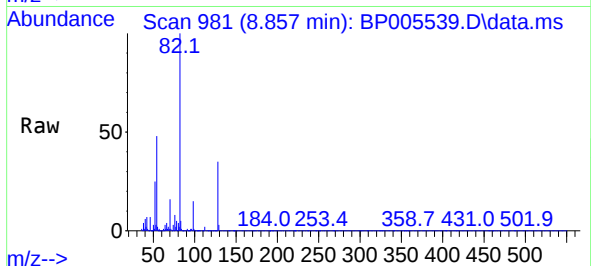
#23
Nitrobenzene-d5
Concen: 22.66 ng
RT: 8.857 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

Tgt Ion:	82	Resp:	29148
Ion Ratio	Lower	Upper	
82	100		
128	35.4	30.5	45.7
54	47.6	33.9	50.9

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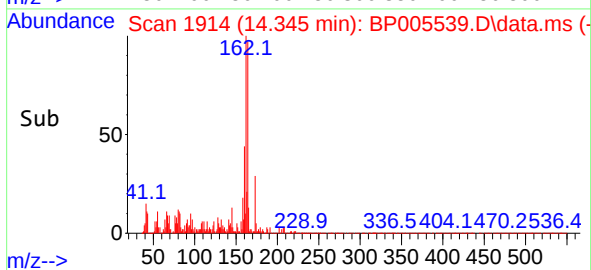
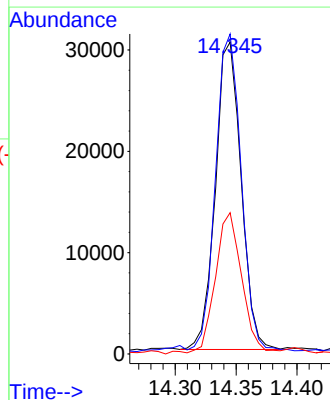
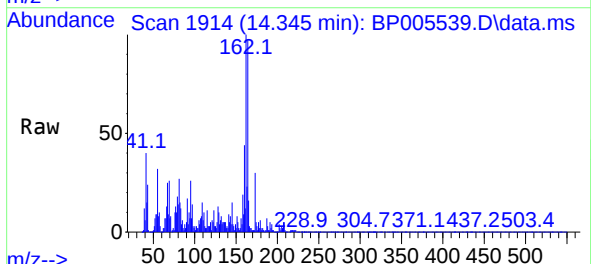
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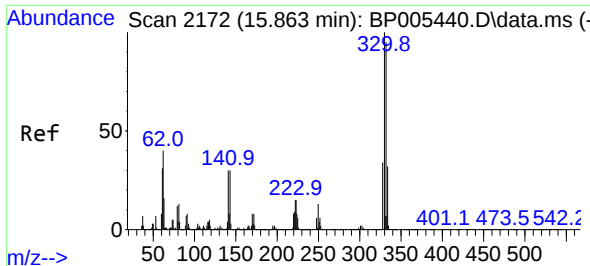
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.005 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

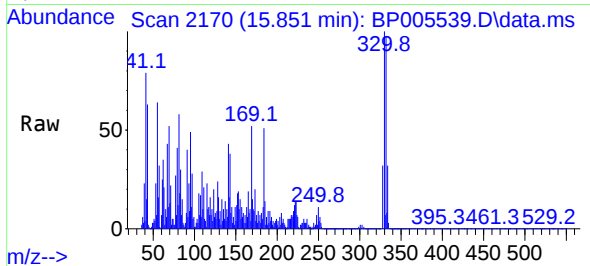
Tgt Ion:	164	Resp:	44614
Ion Ratio	Lower	Upper	
164	100		
162	102.6	73.5	110.3
160	45.3	40.6	61.0





#42
2,4,6-Tribromophenol
Concen: 33.32 ng
RT: 15.851 min Scan# 2170
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

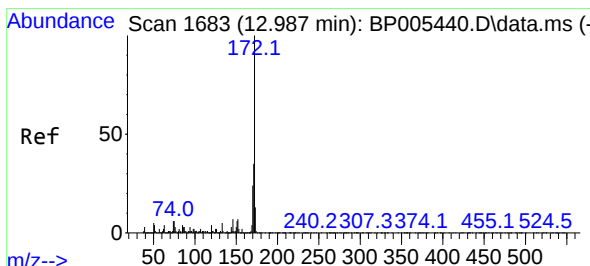
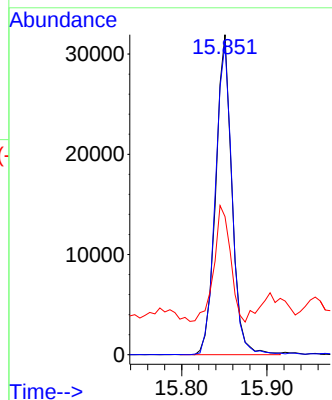
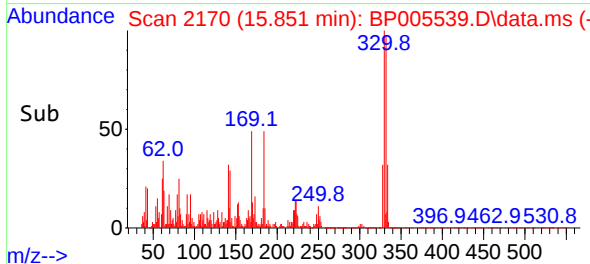
Instrument :
BNA_P
ClientSampleId :
RBR-200032



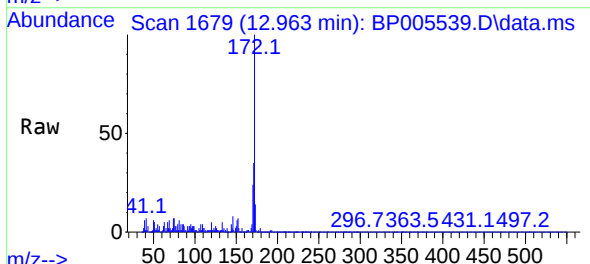
Tgt Ion:330 Resp: 42185
Ion Ratio Lower Upper
330 100
332 99.7 76.3 114.5
141 36.7 22.8 34.2#

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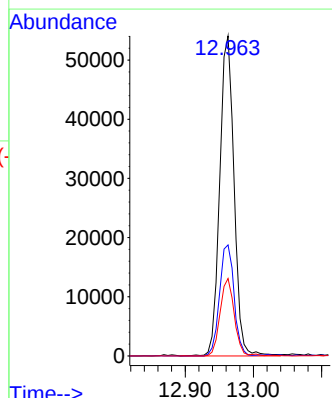
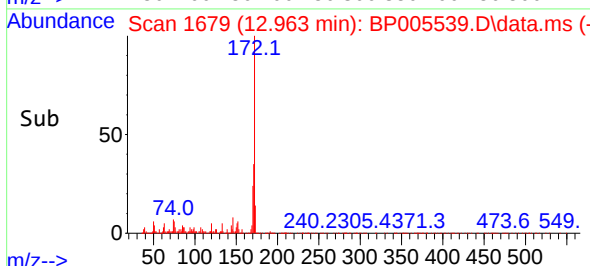
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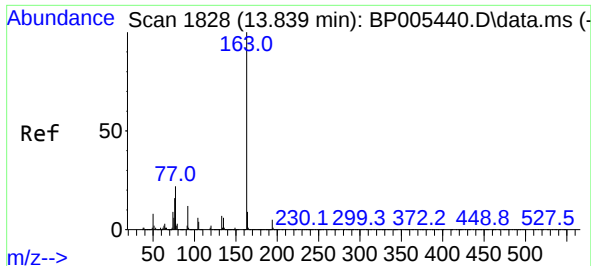


#45
2-Fluorobiphenyl
Concen: 20.04 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13



Tgt Ion:172 Resp: 79257
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 24.2 19.6 29.4





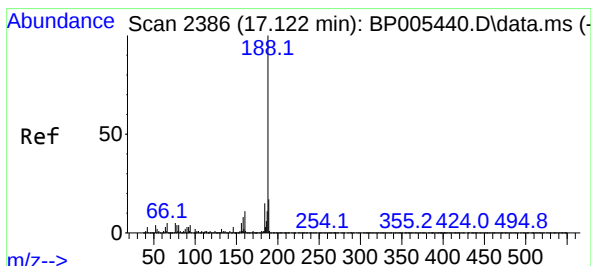
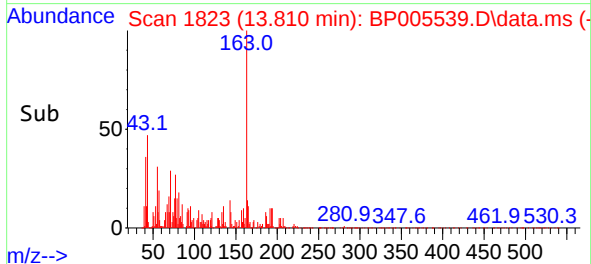
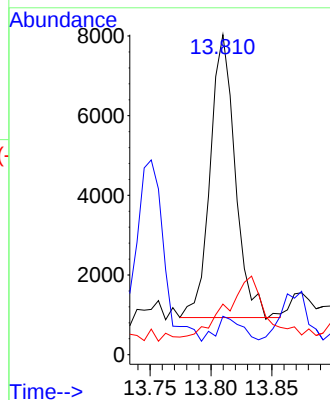
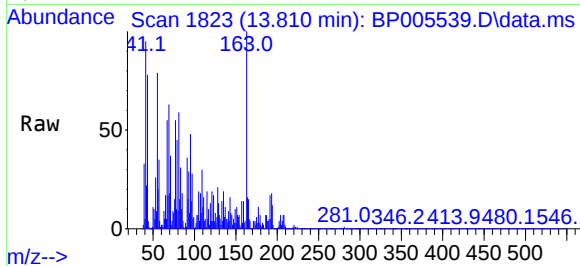
#50
Dimethylphthalate
Concen: 2.64 ng
RT: 13.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	12.0	3.9	5.9#
164	15.8	8.1	12.1#

Instrument :
BNA_P
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RBR-200032

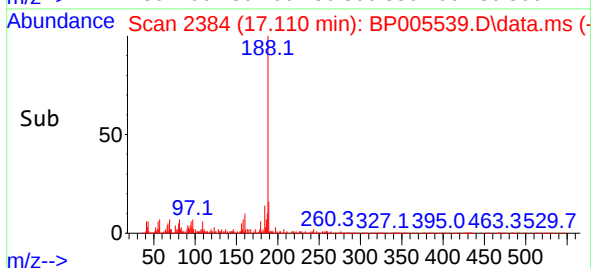
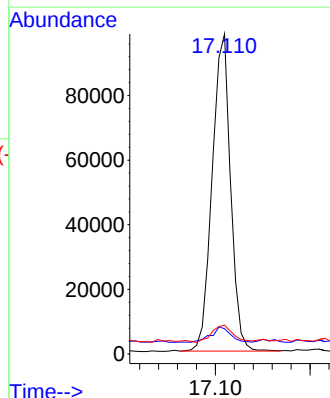
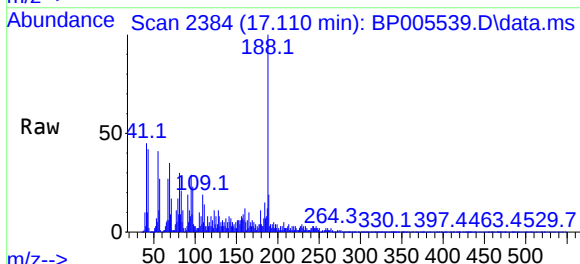
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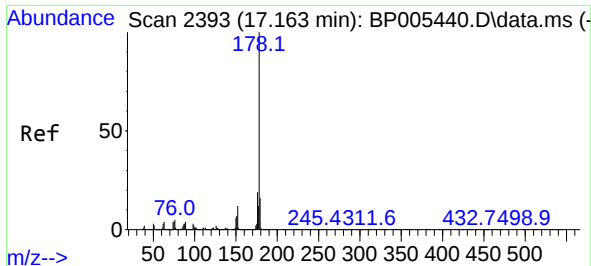
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.0	7.6#
80	9.0	5.9	8.9#





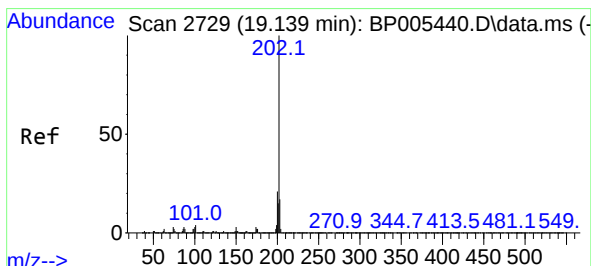
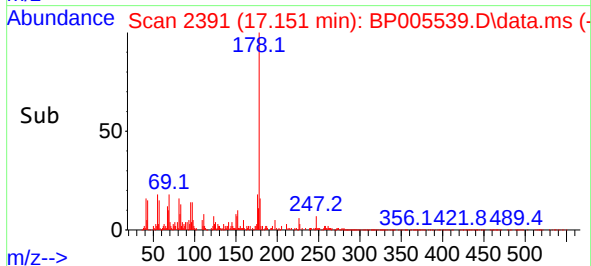
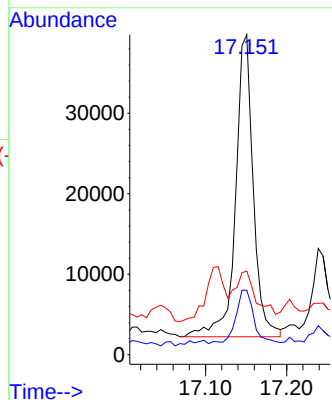
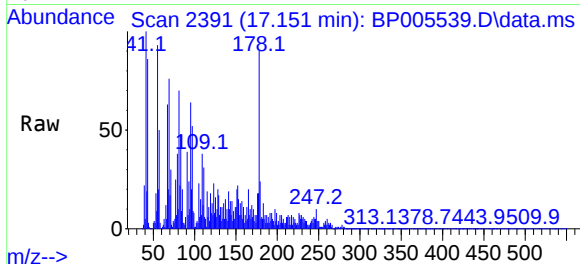
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Phenanthrene
Concen: 7.56 ng
RT: 17.151 min Scan# 2391
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

Tgt Ion:178 Resp: 56996
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.2
179 26.2 12.3 18.5#

Instrument :
BNA_P
ClientSampleId :
RBR-200032

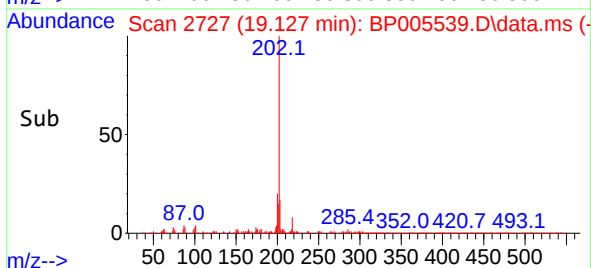
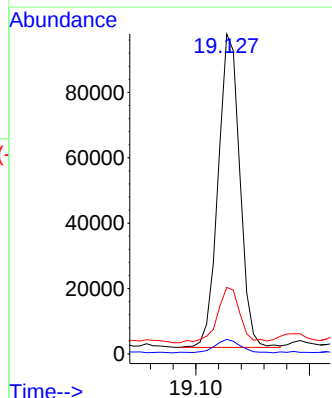
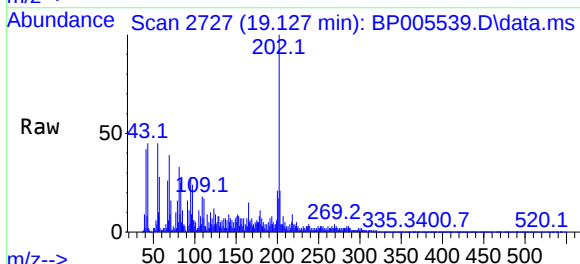
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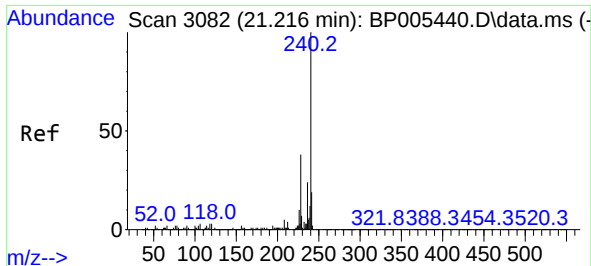
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#75
Fluoranthene
Concen: 12.27 ng
RT: 19.127 min Scan# 2727
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

Tgt Ion:202 Resp: 127208
Ion Ratio Lower Upper
202 100
101 4.5 0.0 26.1
203 20.8 0.0 37.2





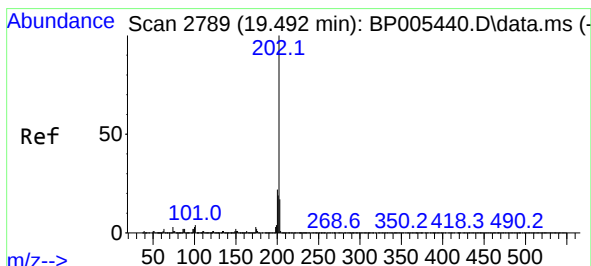
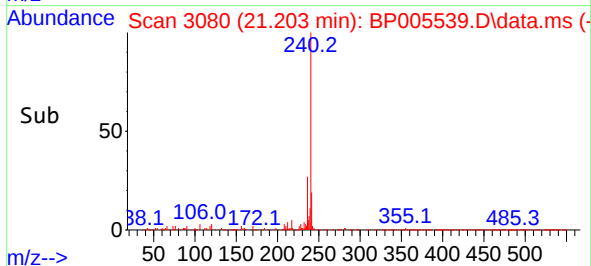
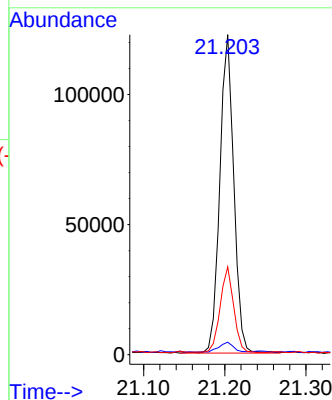
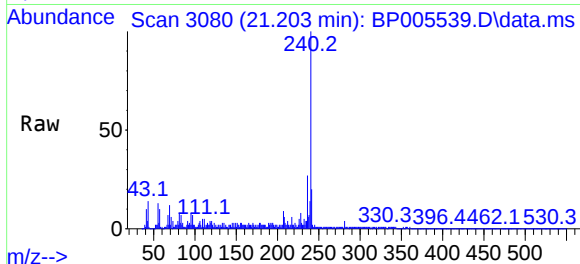
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3080
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

Tgt Ion:240 Resp: 146934
Ion Ratio Lower Upper
240 100
120 3.9 4.2 6.2#
236 27.4 20.2 30.2

Instrument :
BNA_P
ClientSampleId :
RBR-200032

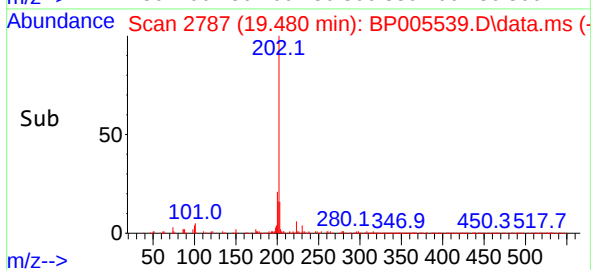
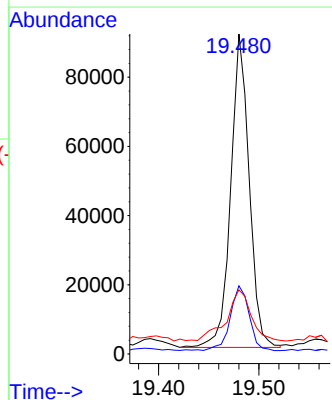
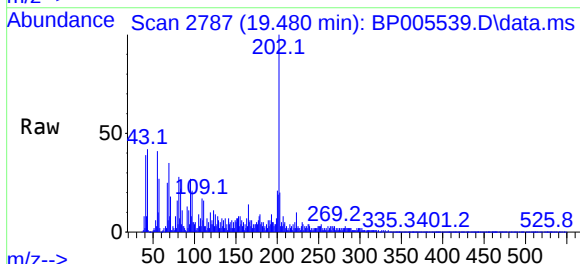
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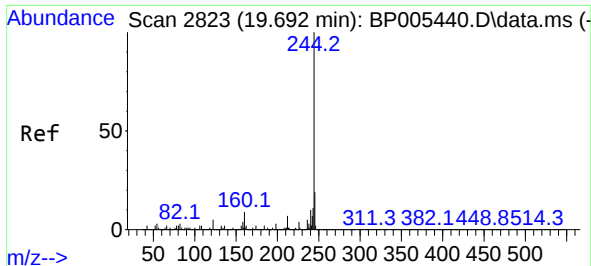
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#78
Pyrene
Concen: 13.92 ng
RT: 19.480 min Scan# 2787
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

Tgt Ion:202 Resp: 115799
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 20.1 13.8 20.6





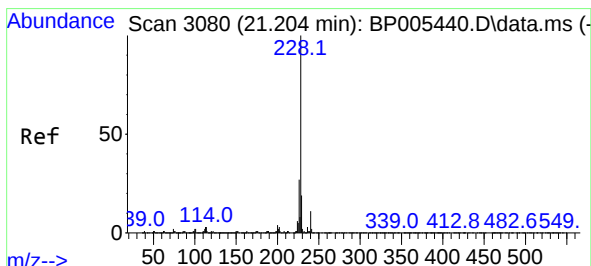
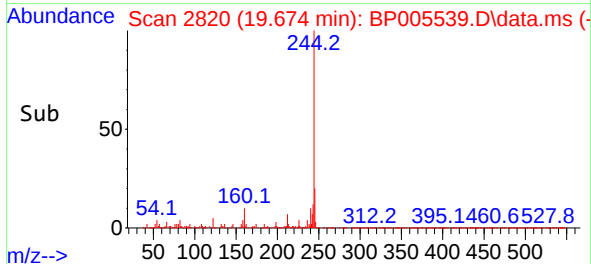
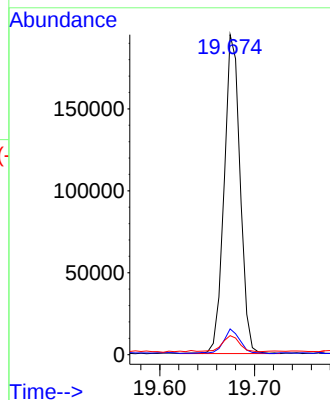
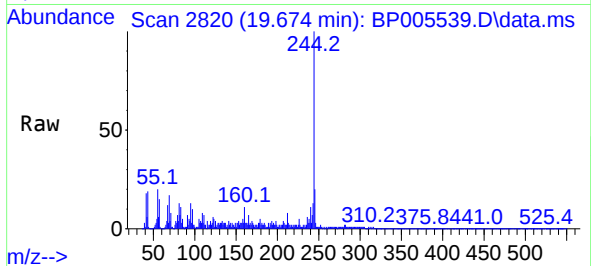
#79
 Terphenyl-d14
 Concen: 26.33 ng
 RT: 19.674 min Scan# 2820
 Delta R.T. 0.005 min
 Lab File: BP005539.D
 Acq: 14 May 2021 02:13

Tgt Ion:	244	Resp:	227846
Ion Ratio	Lower	Upper	
244	100		
212	8.0	5.8	8.6
122	5.9	5.2	7.8

Instrument :
 BNA_P
 ClientSampleId :
 RBR-200032

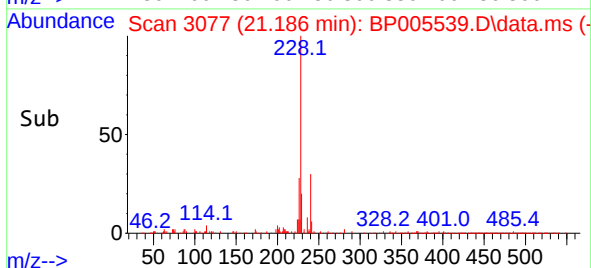
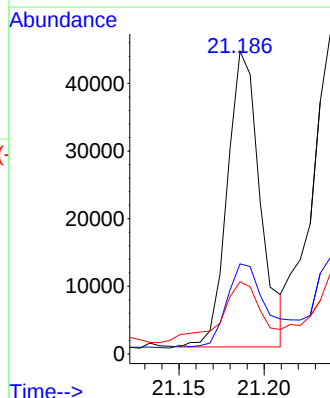
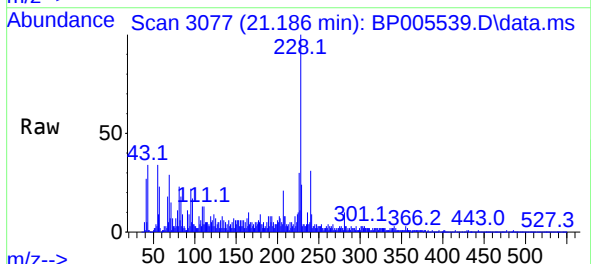
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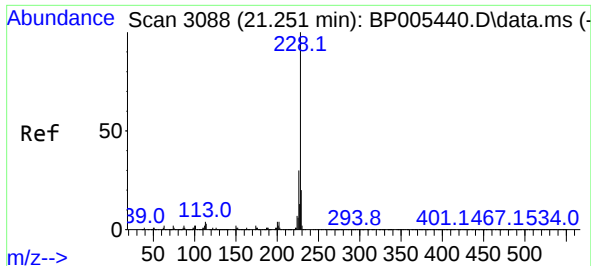
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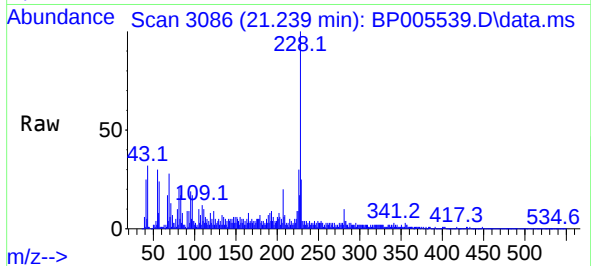
#81
 Benzo(a)anthracene
 Concen: 6.16 ng
 RT: 21.186 min Scan# 3077
 Delta R.T. 0.011 min
 Lab File: BP005539.D
 Acq: 14 May 2021 02:13

Tgt Ion:	228	Resp:	58607
Ion Ratio	Lower	Upper	
228	100		
226	29.8	21.2	31.8
229	23.8	15.6	23.4

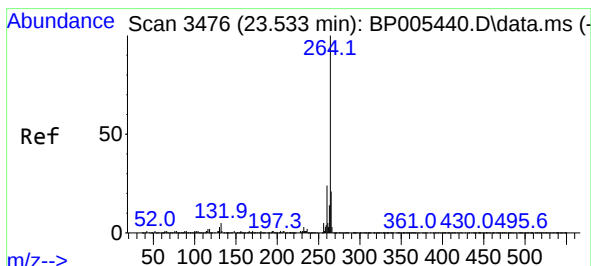
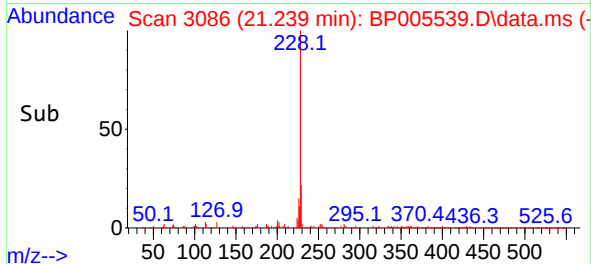
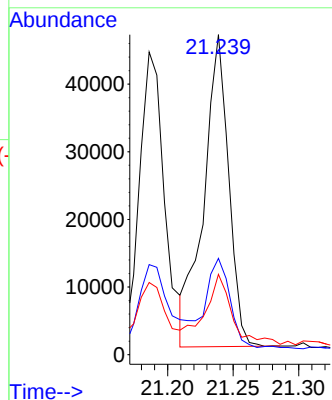




#83
Chrysene
Concen: 6.62 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

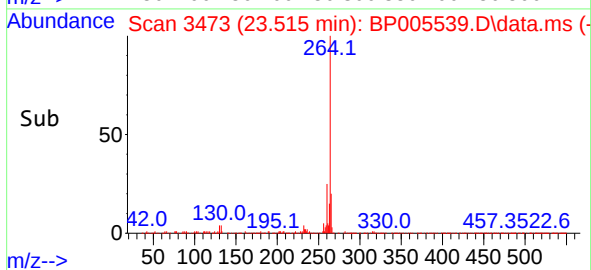
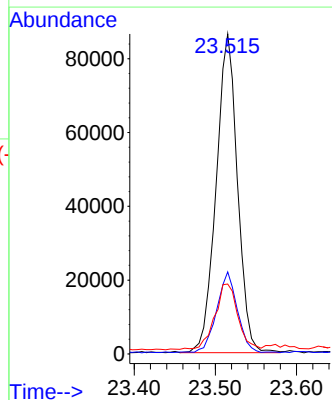
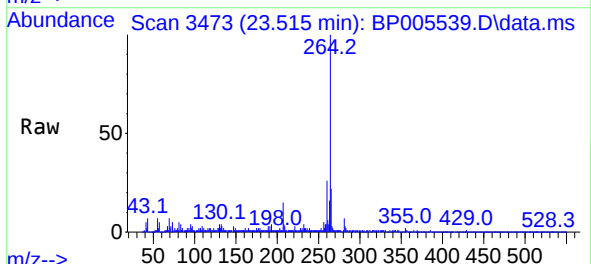


Tgt Ion: 228 Resp: 61055
Ion Ratio Lower Upper
228 100
226 30.1 24.8 37.2
229 25.1 15.4 23.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.515 min Scan# 3473
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

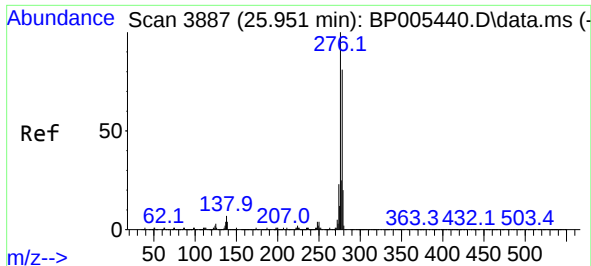
Tgt Ion: 264 Resp: 157877
Ion Ratio Lower Upper
264 100
260 25.6 20.6 30.8
265 21.8 19.0 28.6



Instrument :
BNA_P
ClientSampleId :
RBR-200032

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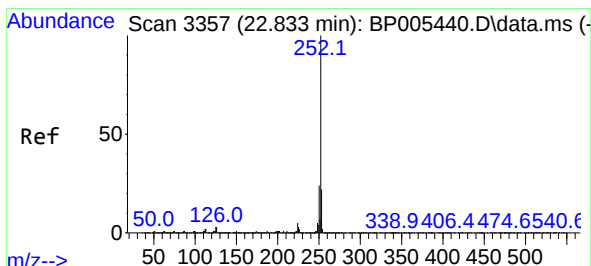
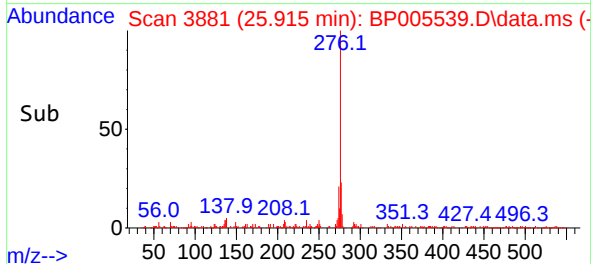
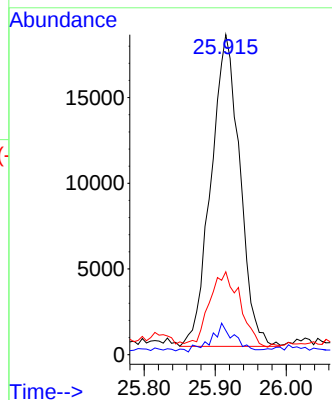
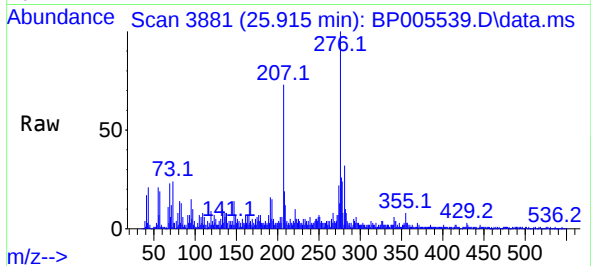
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.86 ng
RT: 25.915 min Scan# 3881
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

Tgt Ion: 276 Resp: 51248
Ion Ratio Lower Upper
276 100
138 6.0 8.4 12.6#
277 26.1 20.6 31.0

Instrument :
BNA_P
ClientSampled :
RBR-200032

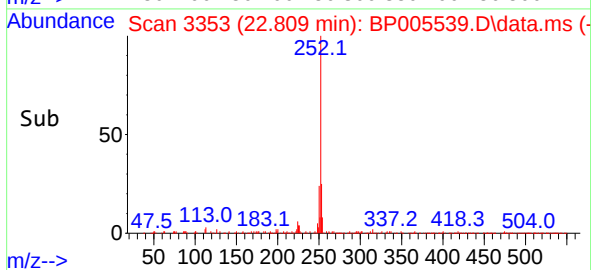
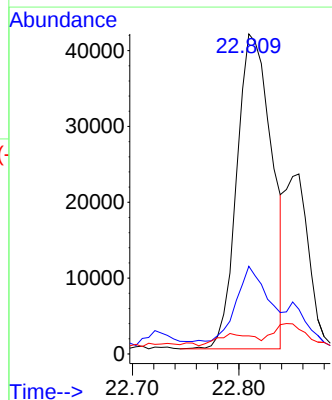
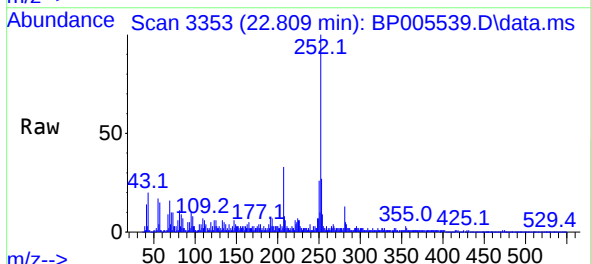
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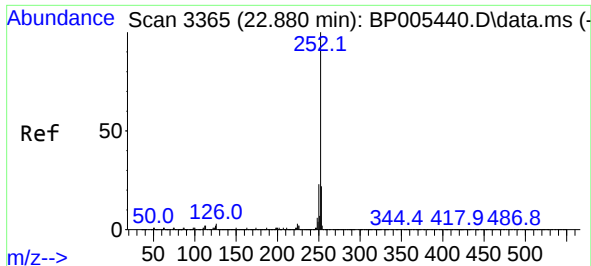
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#88
Benzo(b)fluoranthene
Concen: 8.98 ng
RT: 22.809 min Scan# 3353
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

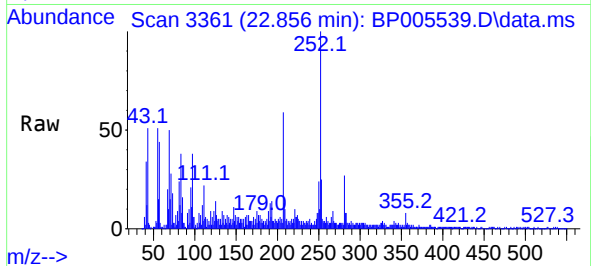
Tgt Ion: 252 Resp: 94477
Ion Ratio Lower Upper
252 100
253 27.4 18.2 27.2#
125 5.6 3.4 5.0#





#89
Benzo(k)fluoranthene
Concen: 3.60 ng m
RT: 22.856 min Scan# 3361
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

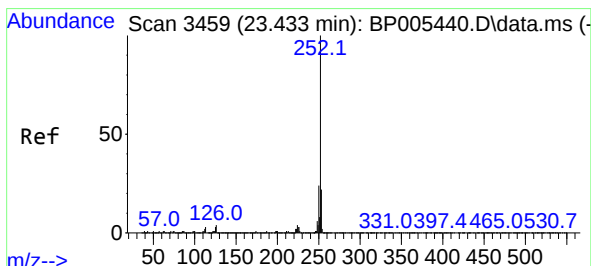
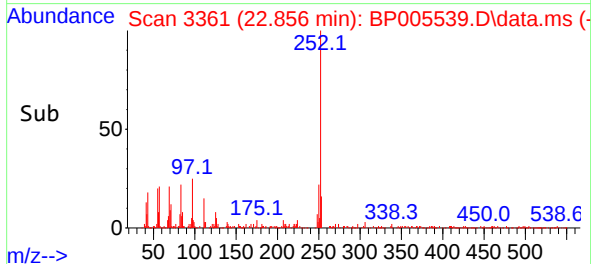
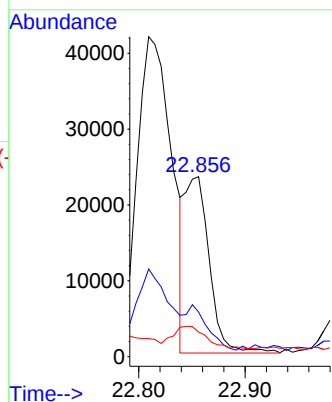
Instrument :
BNA_P
ClientSampleId :
RBR-200032



Tgt Ion:252 Resp: 36990
Ion Ratio Lower Upper
252 100
253 24.8 17.2 25.8
125 13.7 3.8 5.6#

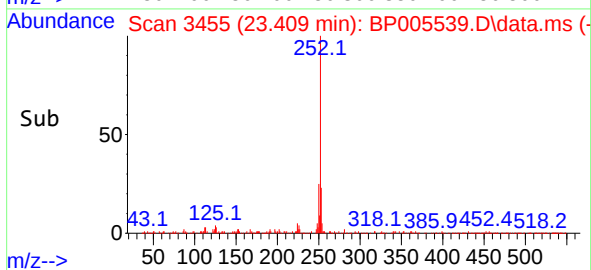
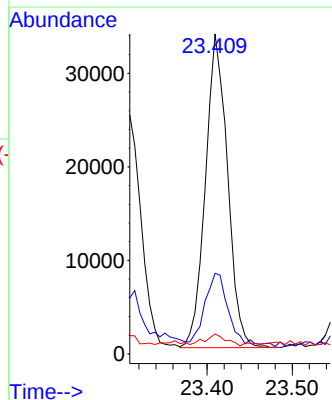
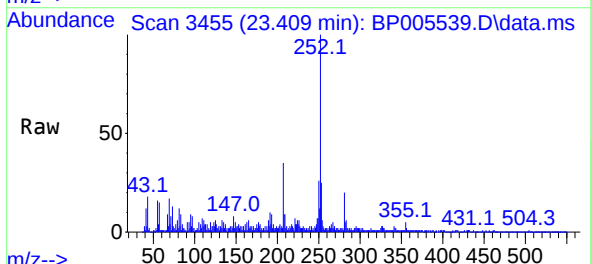
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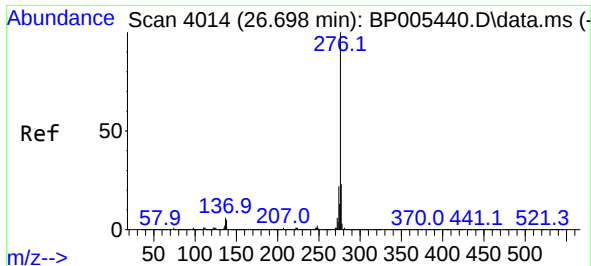
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#90
Benzo(a)pyrene
Concen: 6.26 ng
RT: 23.409 min Scan# 3455
Delta R.T. 0.011 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

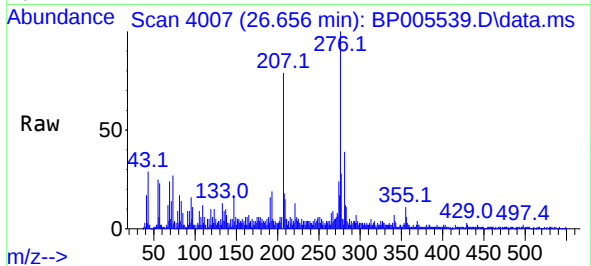
Tgt Ion:252 Resp: 60390
Ion Ratio Lower Upper
252 100
253 25.2 17.1 25.7
125 6.3 3.8 5.6#





#92
Benzo(g,h,i)perylene
Concen: 4.72 ng
RT: 26.656 min Scan# 4007
Delta R.T. 0.017 min
Lab File: BP005539.D
Acq: 14 May 2021 02:13

Instrument :
BNA_P
ClientSampleId :
RBR-200032



Tgt Ion: 276 Resp: 51167

Ion	Ratio	Lower	Upper
276	100		
277	28.3	19.8	29.8
138	7.4	7.7	11.5#

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