

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
 Data File : BP005124.D
 Acq On : 31 Mar 2021 13:55
 Operator : CG/JU
 Sample : M1823-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MK-3-29-B1

Manual Integrations
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Quant Time: Mar 31 14:26:09 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 26 10:07:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	41486	20.00	ng	0.00
21) Naphthalene-d8	10.504	136	154874	20.00	ng	# 0.00
39) Acenaphthene-d10	14.369	164	100695	20.00	ng	0.00
64) Phenanthrene-d10	17.128	188	196972	20.00	ng	# 0.00
76) Chrysene-d12	21.227	240	220305	20.00	ng	0.00
86) Perylene-d12	23.515	264	239178	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	97682	36.24	ng	0.00
7) Phenol-d6	6.893	99	129979	33.66	ng	0.00
23) Nitrobenzene-d5	8.875	82	83631	23.17	ng	0.00
42) 2,4,6-Tribromophenol	15.869	330	54381	41.45	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	181579	24.39	ng	0.00
79) Terphenyl-d14	19.704	244	279086	23.06	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.175	178	123265	10.79	ng	99
72) Anthracene	17.263	178	53083	4.76	ng	97
75) Fluoranthene	19.151	202	256641	19.10	ng	99
78) Pyrene	19.504	202	244042	16.12	ng	98
81) Benzo(a)anthracene	21.210	228	155304	10.38	ng	98
83) Chrysene	21.263	228	130384m	8.88	ng	
87) Indeno(1,2,3-cd)pyrene	25.862	276	101011	5.63	ng	# 91
88) Benzo(b)fluoranthene	22.821	252	188422	11.09	ng	93
89) Benzo(k)fluoranthene	22.863	252	67926m	4.17	ng	
90) Benzo(a)pyrene	23.415	252	153063	10.05	ng	95
92) Benzo(g,h,i)perylene	26.586	276	100821	6.74	ng	96

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

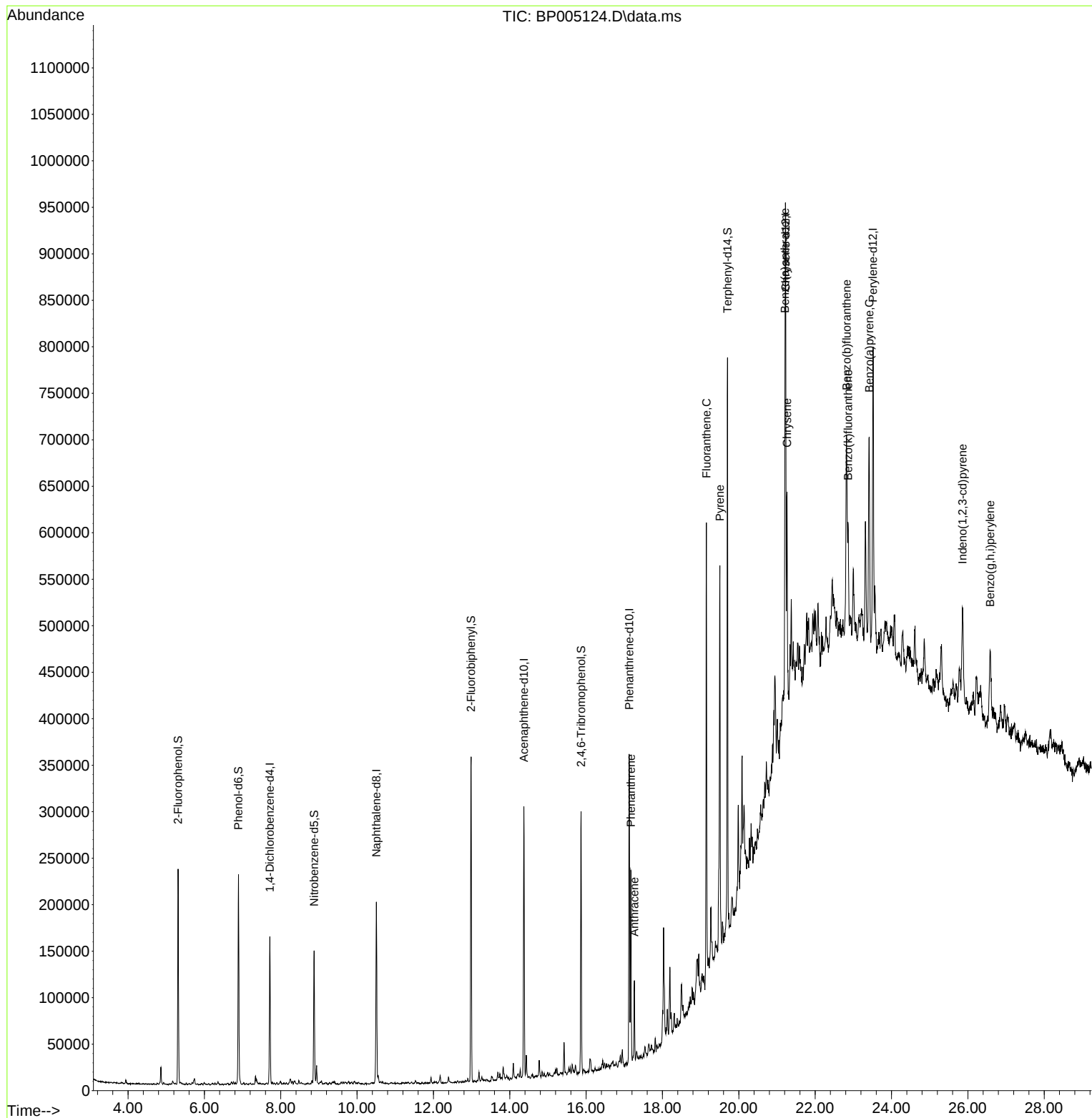
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033121\
Data File : BP005124.D
Acq On : 31 Mar 2021 13:55
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Misc :
ALS Vial : 9 Sample Multiplier: 1

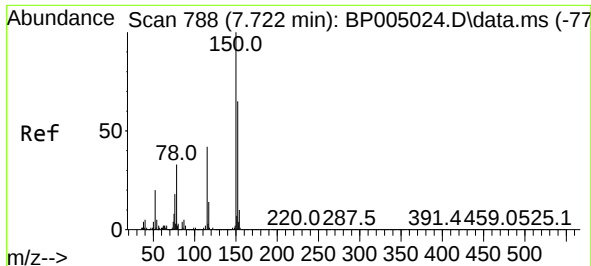
Instrument :
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ClientSampleId :
MK-3-29-B1

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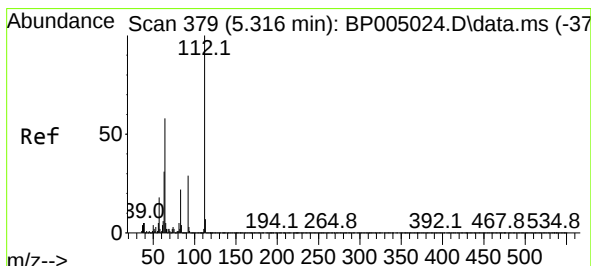
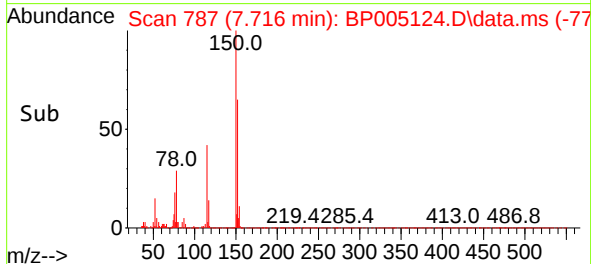
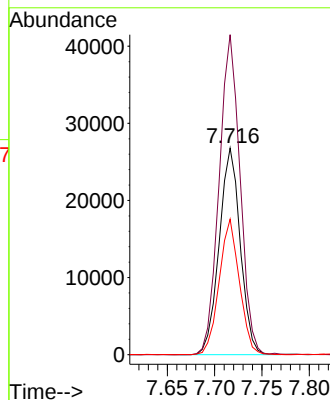
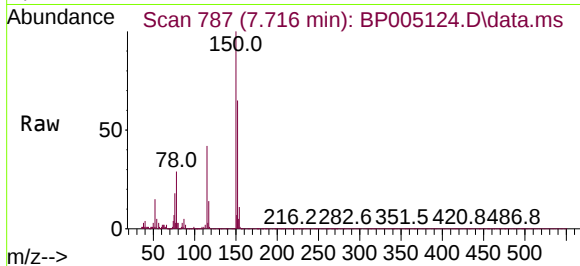
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.716 min Scan# 787
Delta R.T. 0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	65.6	43.8	65.6

Instrument :
BNA_P
ClientSampled :
MK-3-29-B1

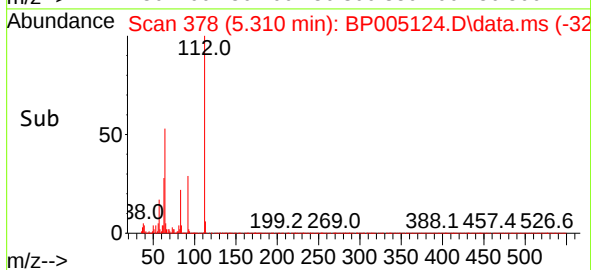
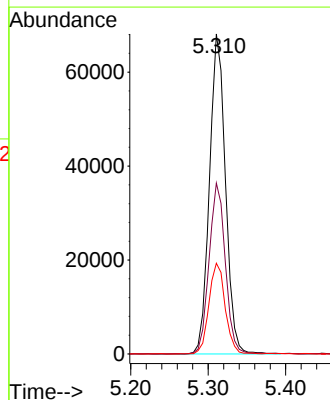
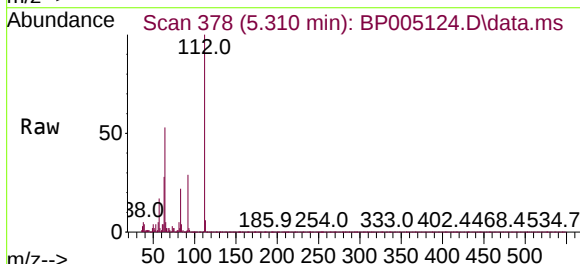
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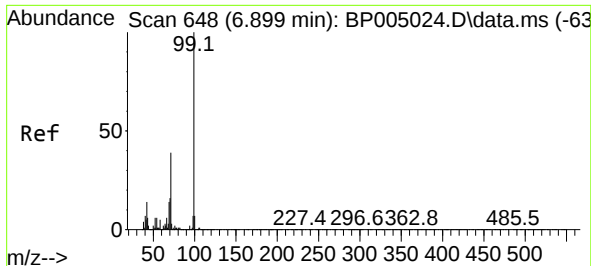
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#5
2-Fluorophenol
Concen: 36.24 ng
RT: 5.310 min Scan# 378
Delta R.T. -0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

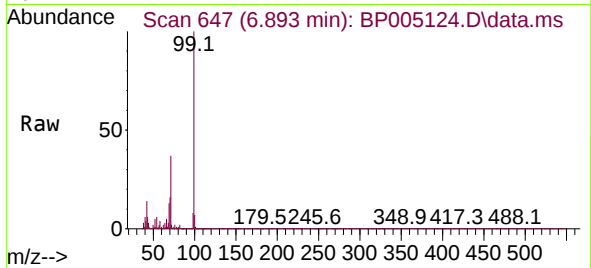
Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	32.8	49.2#
63	28.4	17.0	25.4#





#7
Phenol-d6
Concen: 33.66 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

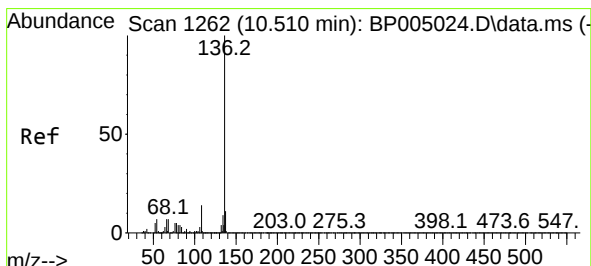
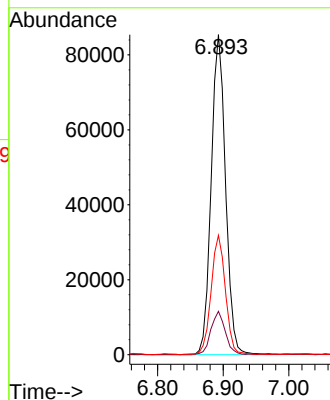
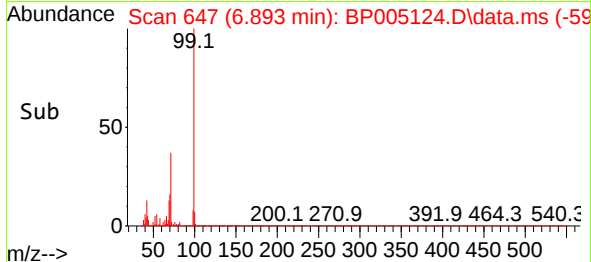
Instrument :
BNA_P
ClientSampleId :
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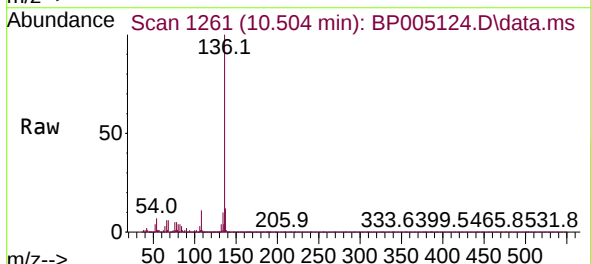
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Ion Ratio Lower Upper
99 100
42 13.5 8.6 13.0#
71 37.3 23.4 35.2#

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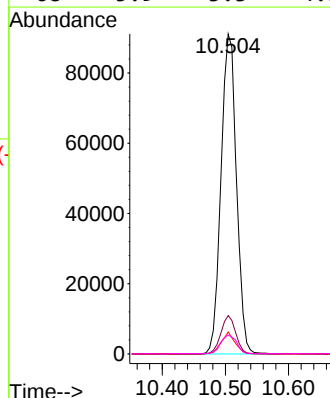
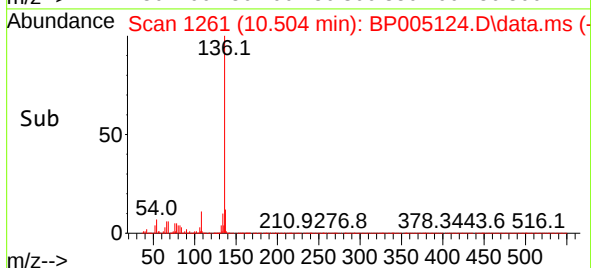
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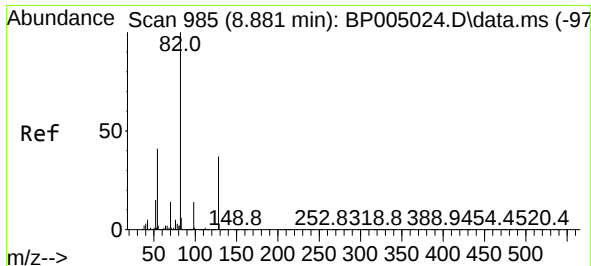


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.504 min Scan# 1261
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55



Tgt Ion: 136 Resp: 154874
Ion Ratio Lower Upper
136 100
137 12.0 8.6 13.0
54 6.9 3.6 5.4#
68 5.9 3.3 4.9#





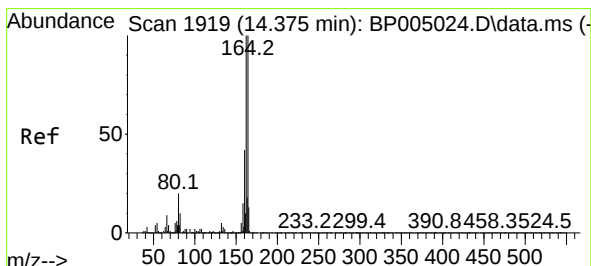
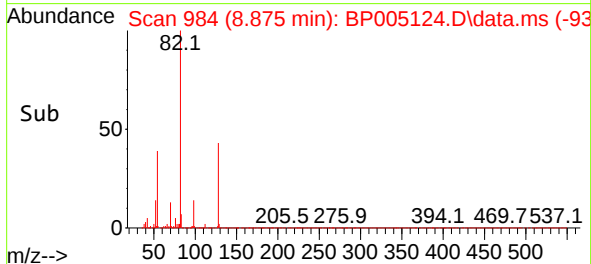
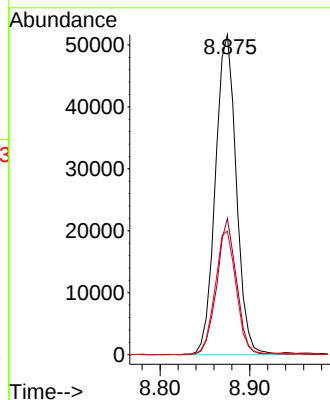
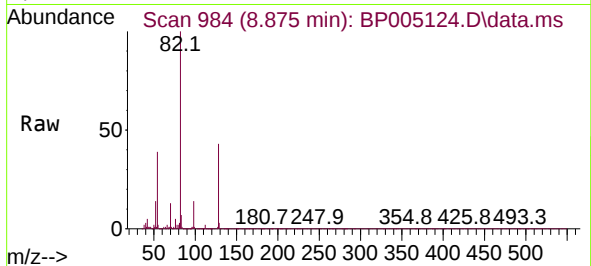
#23
Nitrobenzene-d5
Concen: 23.17 ng
RT: 8.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	45.6	68.4#
54	38.6	30.1	45.1

Instrument :
BNA_P
ClientSampled :
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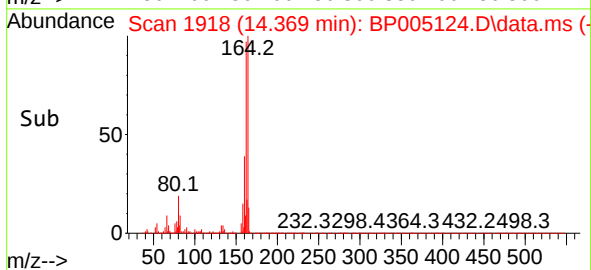
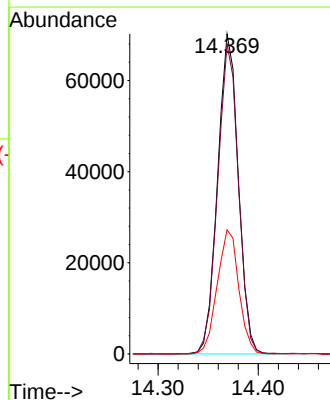
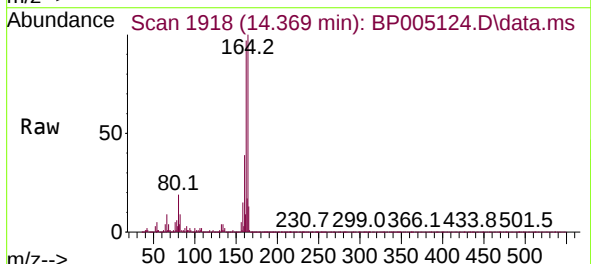
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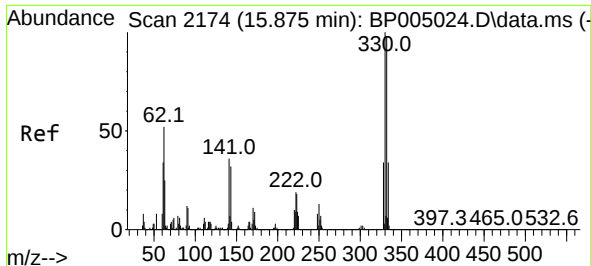
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.369 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

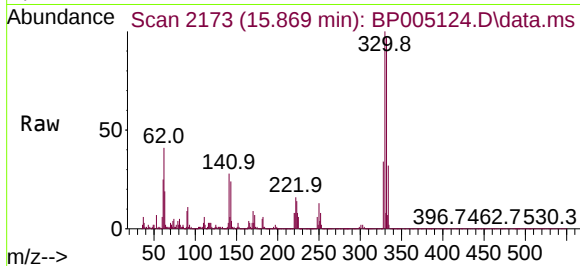
Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.9	79.4	119.2
160	38.8	36.1	54.1





#42
2,4,6-Tribromophenol
Concen: 41.45 ng
RT: 15.869 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

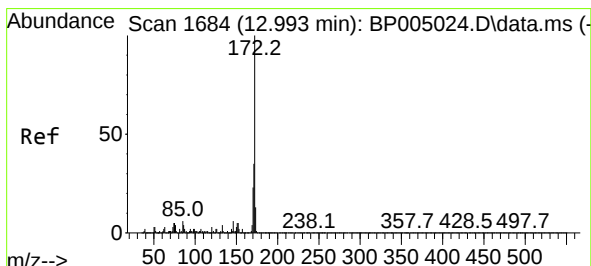
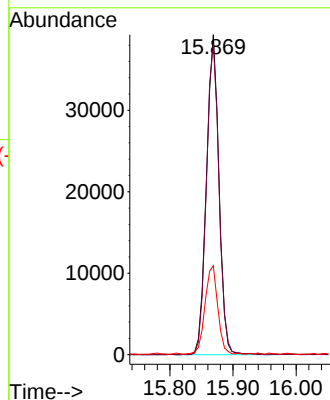
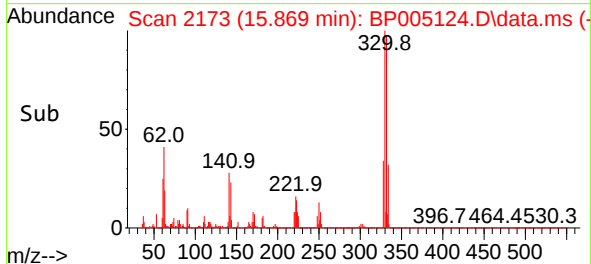
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1



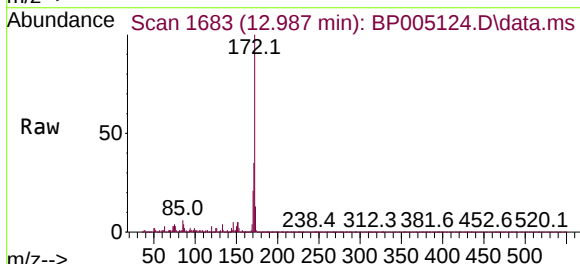
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.1	115.7
141	28.0	23.4	35.2

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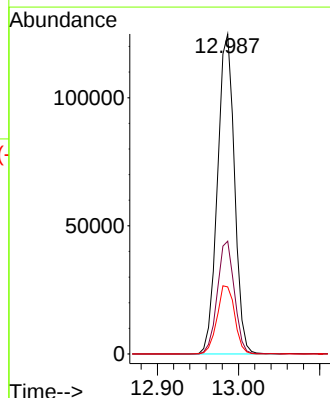
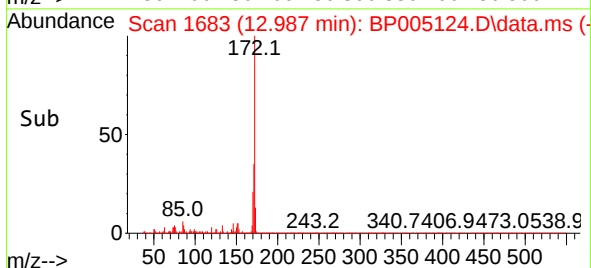
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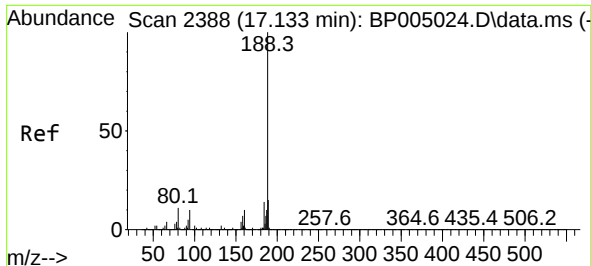


#45
2-Fluorobiphenyl
Concen: 24.39 ng
RT: 12.987 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55



Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	21.0	19.2	28.8





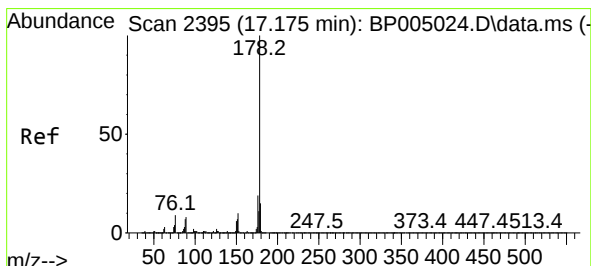
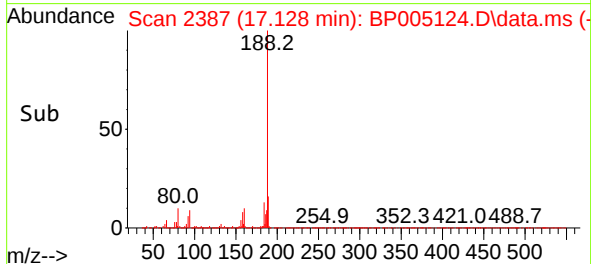
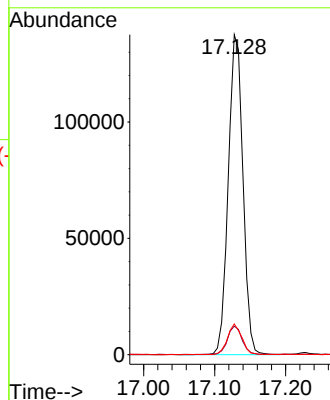
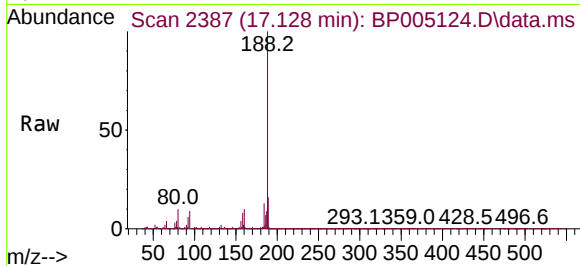
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.128 min Scan# 2387
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:188 Resp: 196972
Ion Ratio Lower Upper
188 100
94 8.9 6.2 9.2
80 9.6 6.2 9.2#

Instrument :
BNA_P
ClientSampleId :
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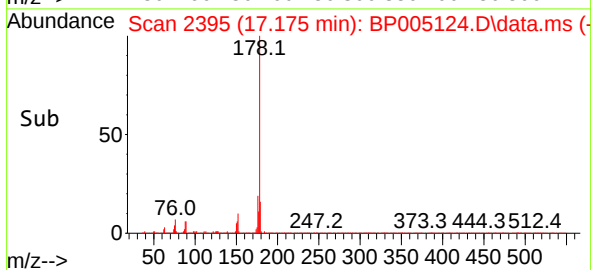
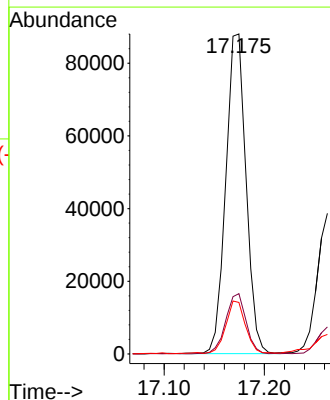
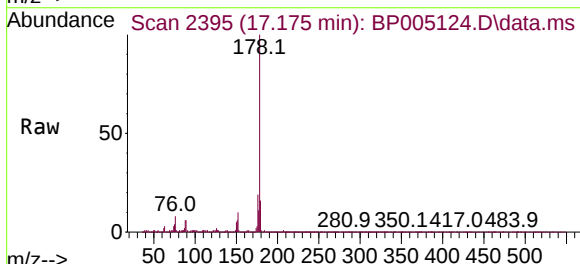
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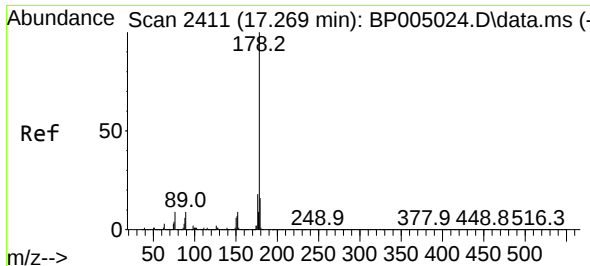
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#71
Phenanthrene
Concen: 10.79 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:178 Resp: 123265
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 16.1 12.5 18.7





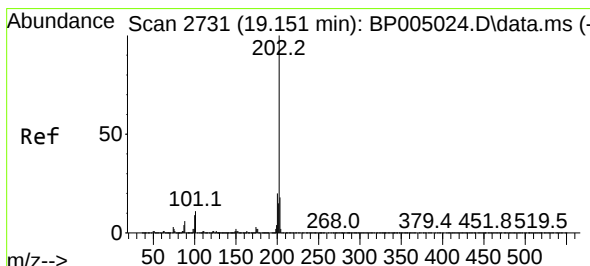
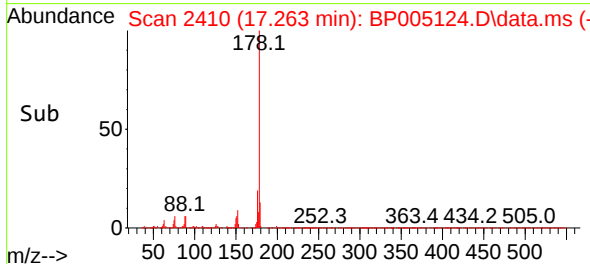
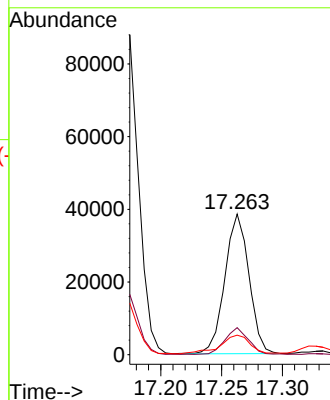
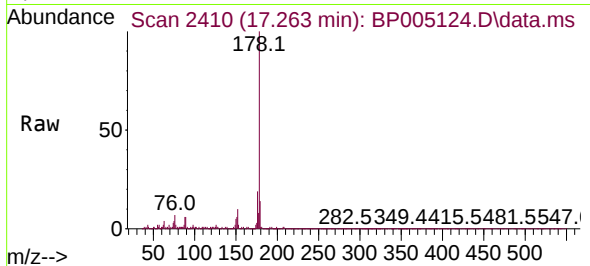
#72
 Anthracene
 Concen: 4.76 ng
 RT: 17.263 min Scan# 2410
 Delta R.T. -0.006 min
 Lab File: BP005124.D
 Acq: 31 Mar 2021 13:55

Tgt Ion:	178	Resp:	53083
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.0	22.4
179	13.8	12.5	18.7

Instrument :
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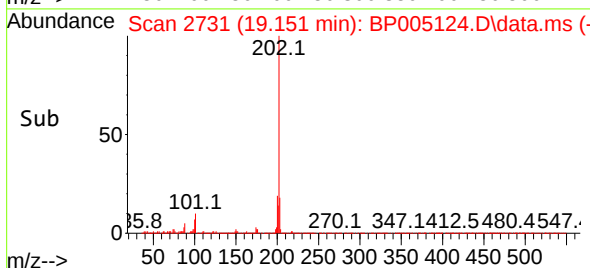
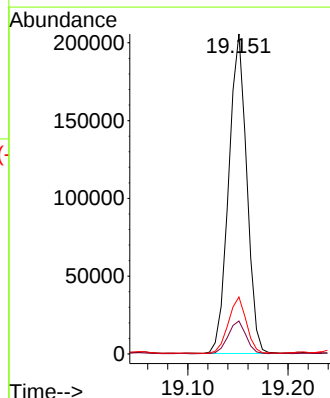
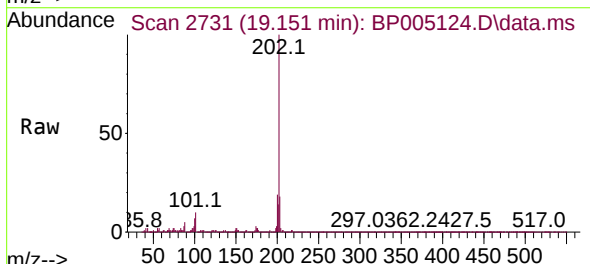
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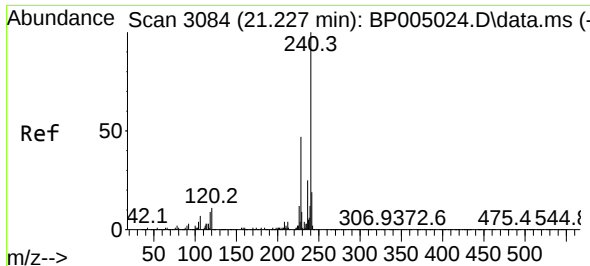
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#75
 Fluoranthene
 Concen: 19.10 ng
 RT: 19.151 min Scan# 2731
 Delta R.T. -0.000 min
 Lab File: BP005124.D
 Acq: 31 Mar 2021 13:55

Tgt Ion:	202	Resp:	256641
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	29.4
203	17.8	0.0	37.8





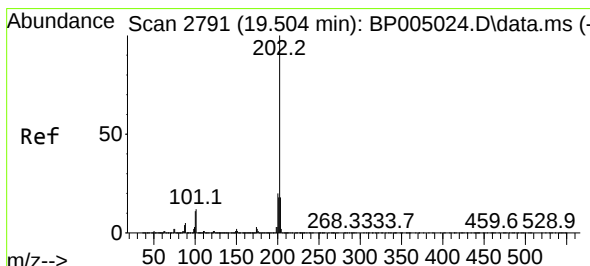
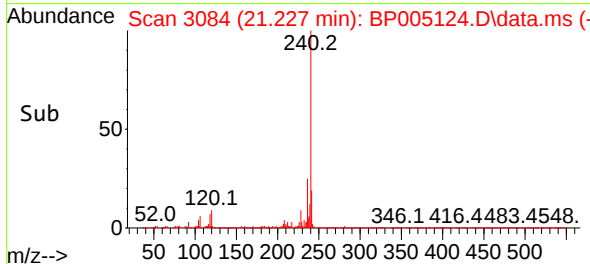
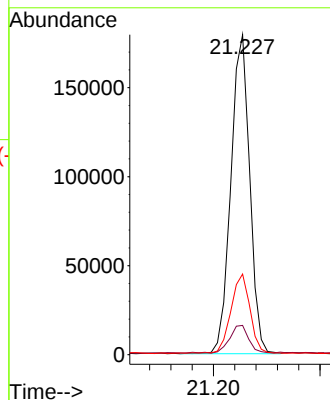
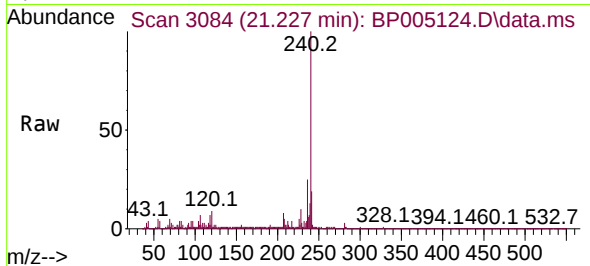
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.227 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion:240 Resp: 220305
Ion Ratio Lower Upper
240 100
120 9.2 7.8 11.6
236 25.2 20.8 31.2

Instrument :
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ClientSampleId :
MK-3-29-B1

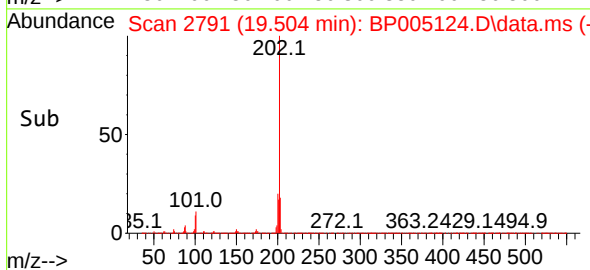
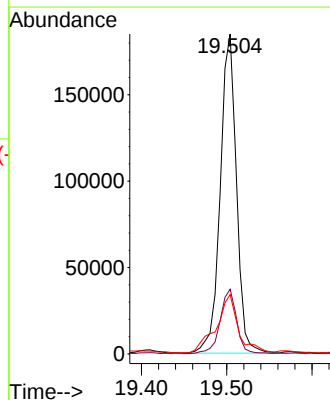
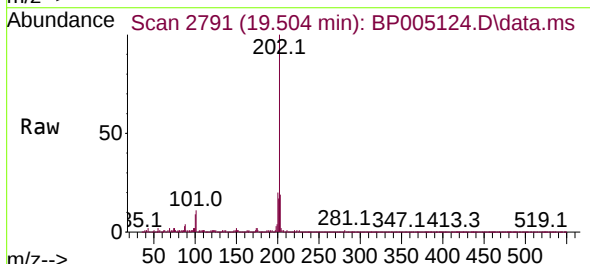
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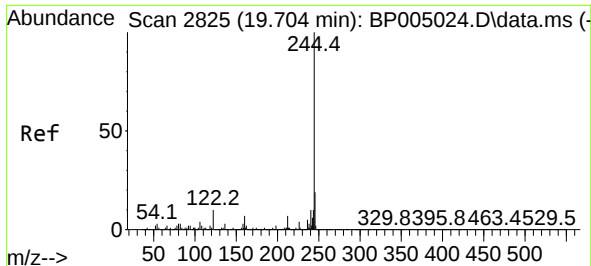
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#78
Pyrene
Concen: 16.12 ng
RT: 19.504 min Scan# 2791
Delta R.T. -0.000 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

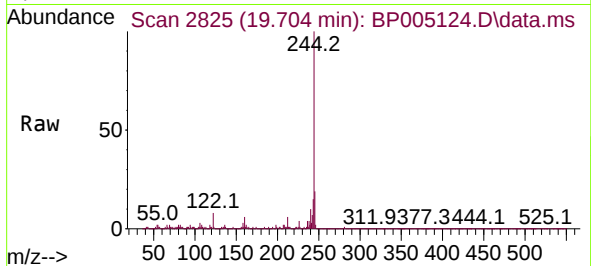
Tgt Ion:202 Resp: 244042
Ion Ratio Lower Upper
202 100
200 20.2 17.1 25.7
203 18.5 14.2 21.2





#79
Terphenyl-d14
Concen: 23.06 ng
RT: 19.704 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

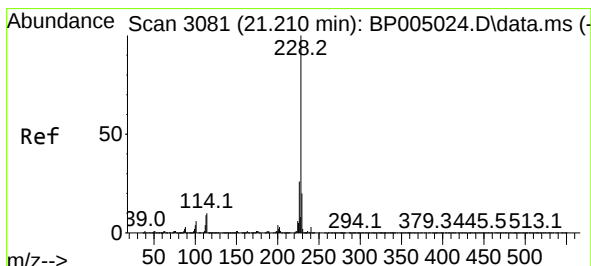
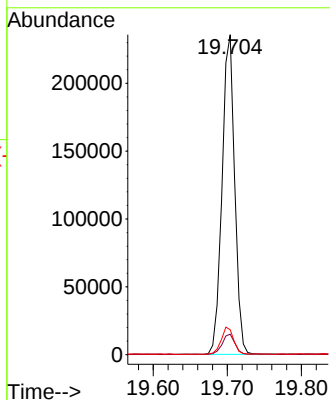
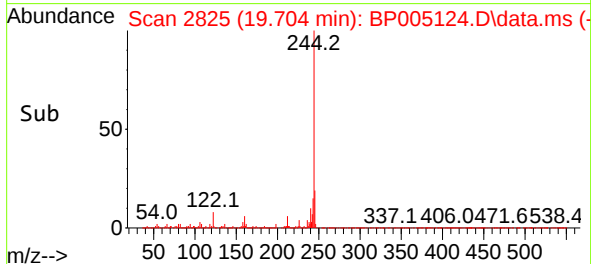
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1



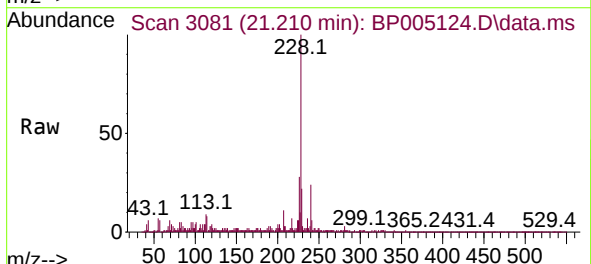
Tgt Ion:244 Resp: 279086
Ion Ratio Lower Upper
244 100
212 6.4 5.8 8.6
122 7.8 7.8 11.8#

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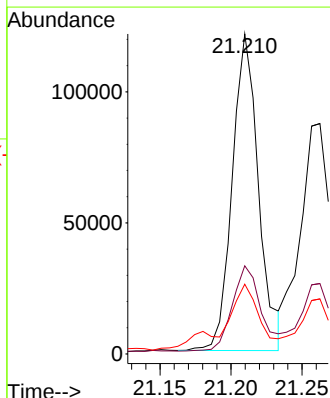
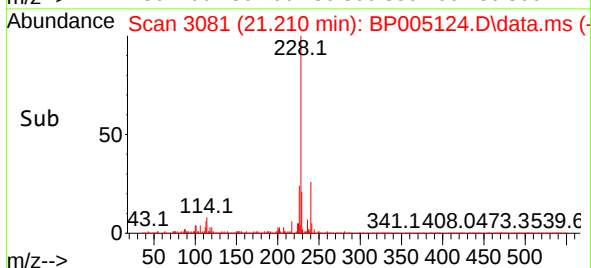
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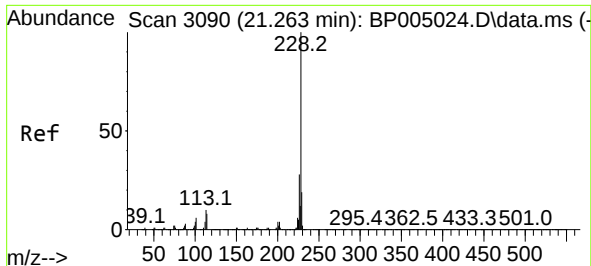


#81
Benzo(a)anthracene
Concen: 10.38 ng
RT: 21.210 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55



Tgt Ion:228 Resp: 155304
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 21.8 15.9 23.9





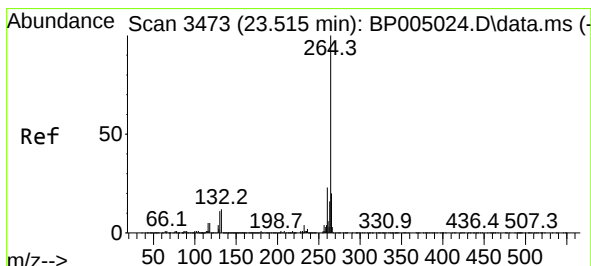
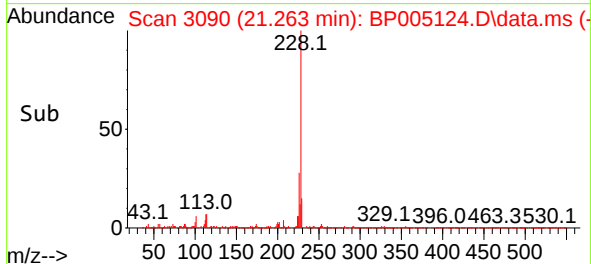
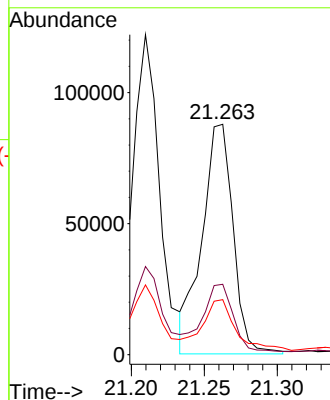
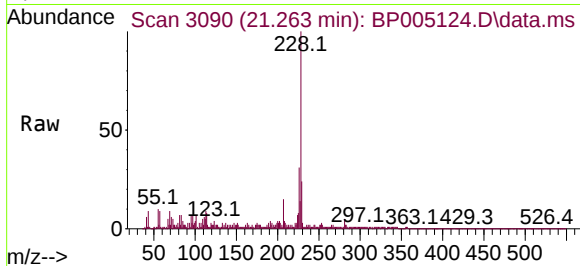
#83
Chrysene
Concen: 8.88 ng m
RT: 21.263 min Scan# 3090
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.4	36.6
229	23.9	15.8	23.6

Instrument :
BNA_P
ClientSampled :
MK-3-29-B1

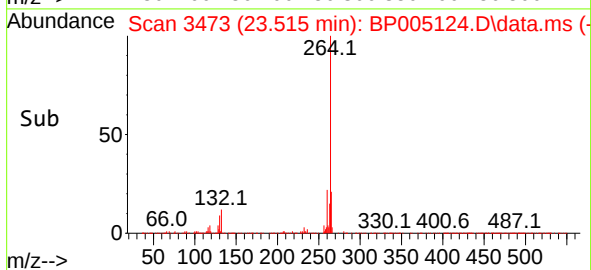
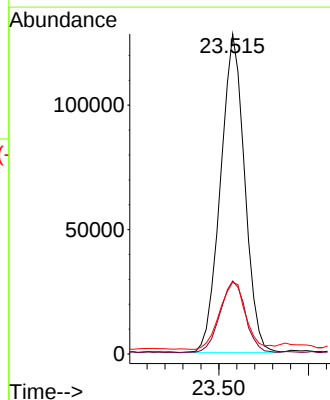
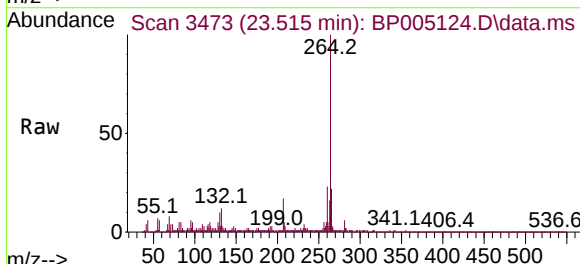
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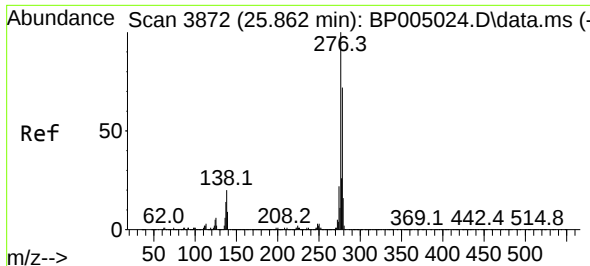
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.8	28.2
265	22.4	17.4	26.2





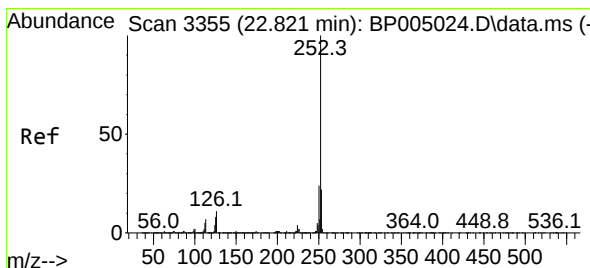
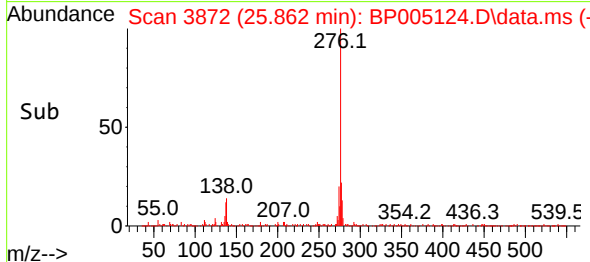
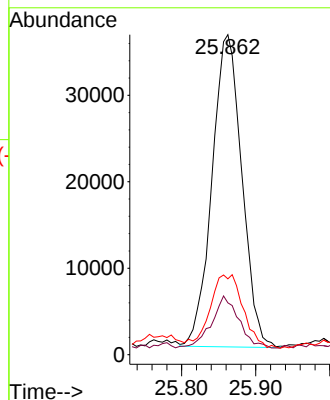
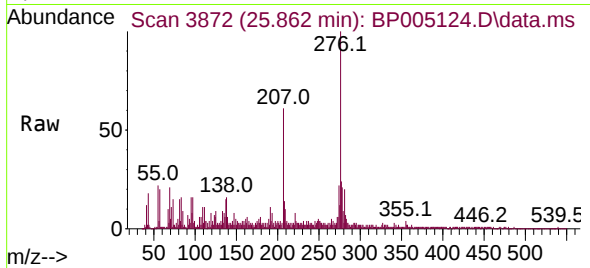
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.63 ng
RT: 25.862 min Scan# 3872
Delta R.T. -0.012 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Tgt Ion: 276 Resp: 101011
Ion Ratio Lower Upper
276 100
138 15.3 18.7 28.1#
277 26.3 20.4 30.6

Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1

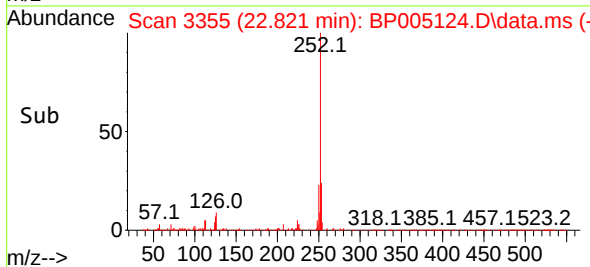
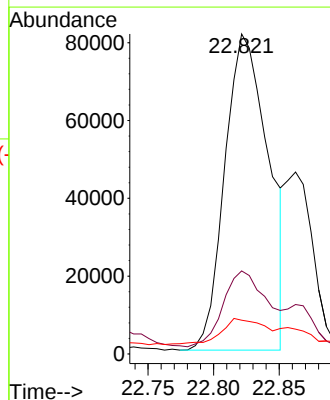
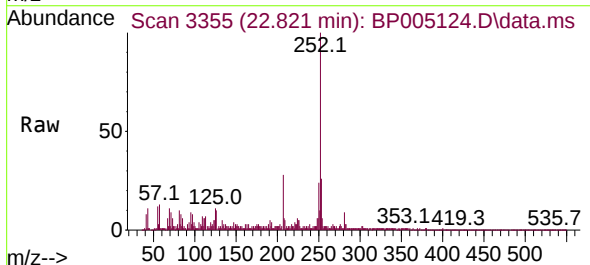
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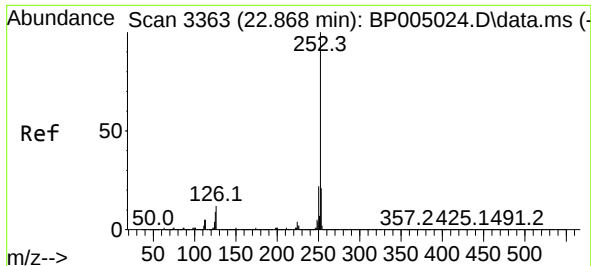
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#88
Benzo(b)fluoranthene
Concen: 11.09 ng
RT: 22.821 min Scan# 3355
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

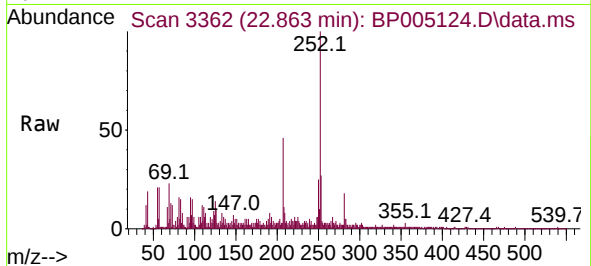
Tgt Ion: 252 Resp: 188422
Ion Ratio Lower Upper
252 100
253 25.9 17.6 26.4
125 10.6 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 4.17 ng m
RT: 22.863 min Scan# 3362
Delta R.T. -0.012 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

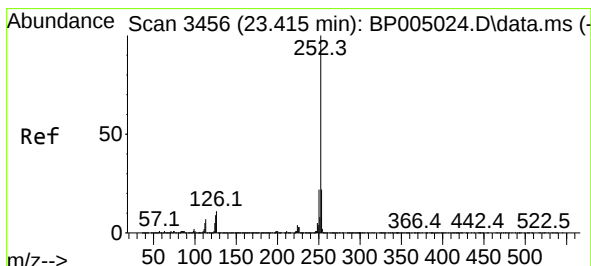
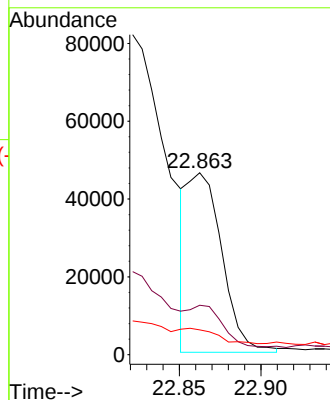
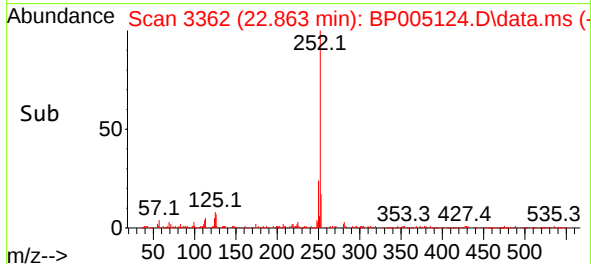
Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1



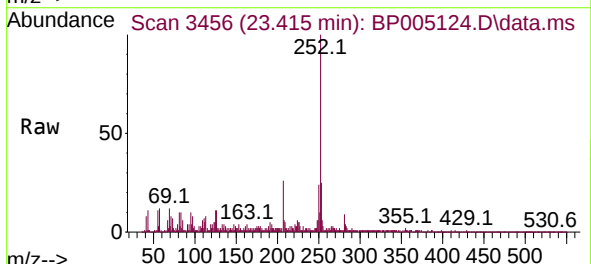
Tgt Ion:252 Resp: 67926
Ion Ratio Lower Upper
252 100
253 27.2 17.8 26.8#
125 13.7 7.4 11.2#

Manual Integrations
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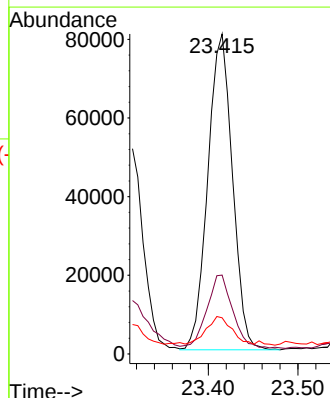
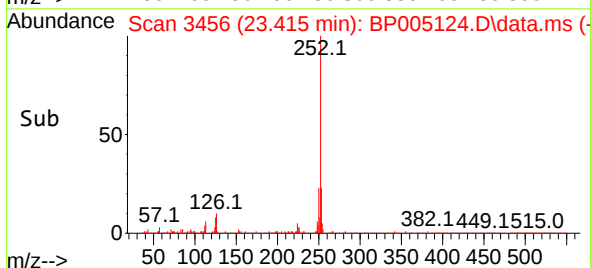
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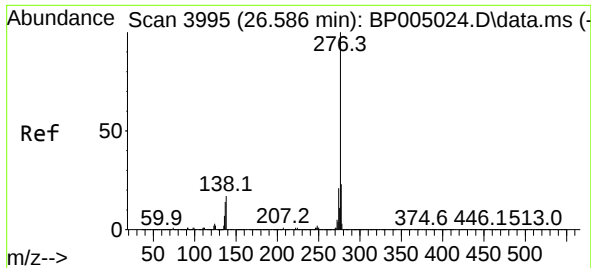


#90
Benzo(a)pyrene
Concen: 10.05 ng
RT: 23.415 min Scan# 3456
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55



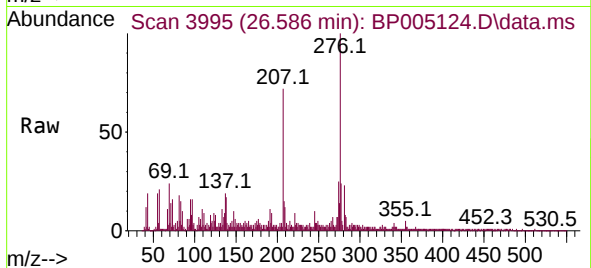
Tgt Ion:252 Resp: 153063
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.0
125 11.3 8.2 12.4





#92
Benzo(g,h,i)perylene
Concen: 6.74 ng
RT: 26.586 min Scan# 3995
Delta R.T. -0.006 min
Lab File: BP005124.D
Acq: 31 Mar 2021 13:55

Instrument :
BNA_P
ClientSampleId :
MK-3-29-B1



Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	17.2	16.6	24.8

Manual Integrations
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