

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
 Data File : BP004079.D
 Acq On : 24 Nov 2020 16:53
 Operator : CG/JU
 Sample : L4875-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-08-112320

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Quant Time: Nov 24 23:57:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 16:42:41 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.263	152	123727	20.00	ng	0.00
21) Naphthalene-d8	11.093	136	475246	20.00	ng	# 0.00
39) Acenaphthene-d10	14.887	164	284285	20.00	ng	0.00
64) Phenanthrene-d10	17.622	188	568273	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	515261	20.00	ng	0.00
86) Perylene-d12	24.127	264	545557	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	518053	69.88	ng	0.00
7) Phenol-d6	7.452	99	677140	63.63	ng	0.00
23) Nitrobenzene-d5	9.428	82	424108	43.71	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	229711	64.60	ng	0.00
45) 2-Fluorobiphenyl	13.510	172	901786	44.35	ng	0.00
79) Terphenyl-d14	20.116	244	1093589	41.00	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.481	94	31938	3.11	ng	78
71) Phenanthrene	17.663	178	327145	10.26	ng	99
72) Anthracene	17.751	178	65415	2.12	ng	99
75) Fluoranthene	19.598	202	647224	17.59	ng	99
78) Pyrene	19.945	202	551262	15.77	ng	98
81) Benzo(a)anthracene	21.639	228	264684	7.79	ng	98
83) Chrysene	21.692	228	265568	8.13	ng	96
87) Indeno(1,2,3-cd)pyrene	26.674	276	151489	3.85	ng	# 94
88) Benzo(b)fluoranthene	23.374	252	328536m	9.20	ng	
89) Benzo(k)fluoranthene	23.416	252	93955m	2.67	ng	
90) Benzo(a)pyrene	24.016	252	223868	6.77	ng	97
92) Benzo(g,h,i)perylene	27.462	276	154044	4.85	ng	97

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

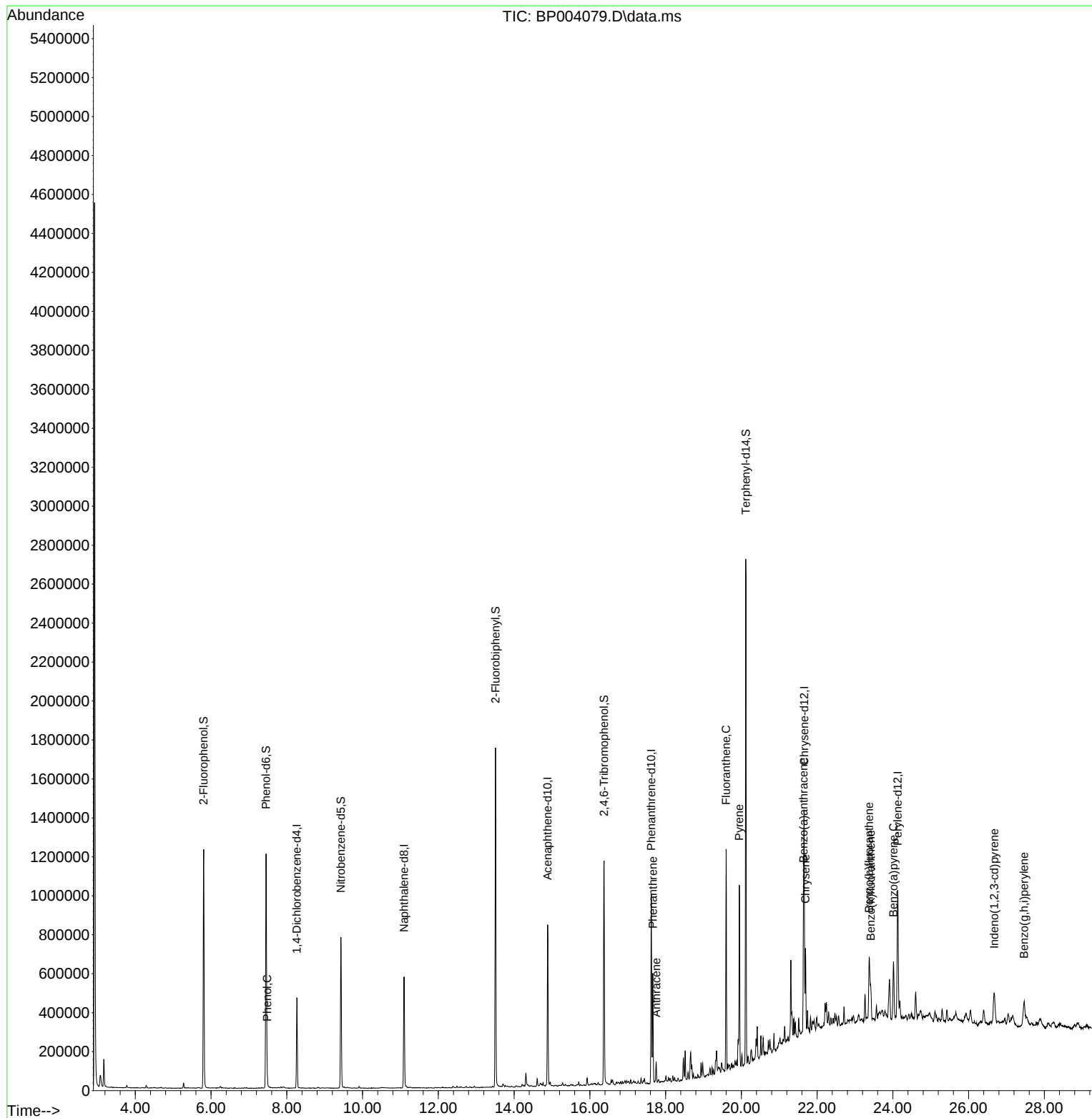
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112420\
Data File : BP004079.D
Acq On : 24 Nov 2020 16:53
Operator : CG/JU
Sample : L4875-01
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ALS Vial : 10 Sample Multiplier: 1

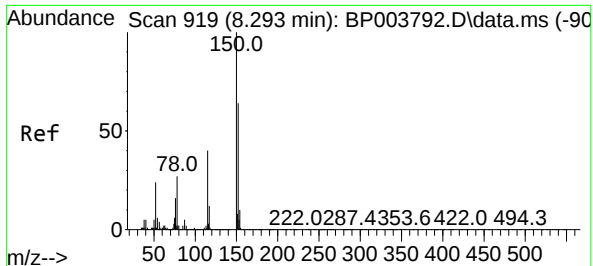
Instrument :
BNA_P
ClientSampleId :
TR-08-112320

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Quant Time: Nov 24 23:57:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 16:42:41 2020
Response via : Initial Calibration





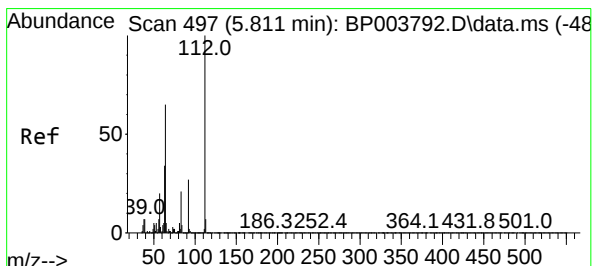
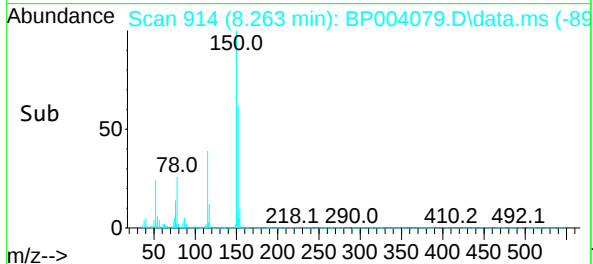
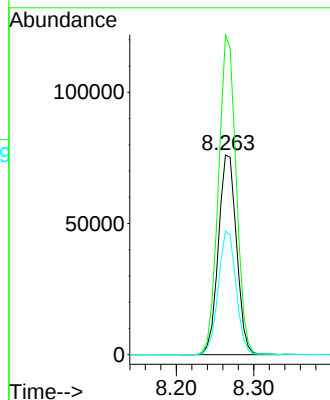
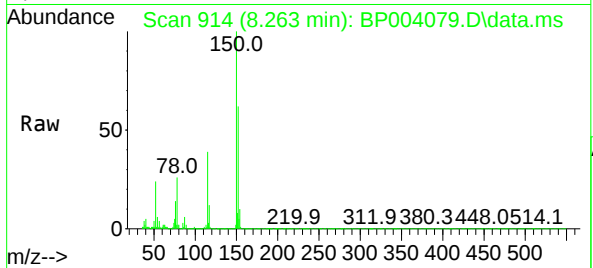
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.263 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:152 Resp: 123727
Ion Ratio Lower Upper
152 100
150 160.3 123.8 185.6
115 61.9 43.8 65.6

Instrument :
BNA_P
ClientSampleId :
TR-08-112320

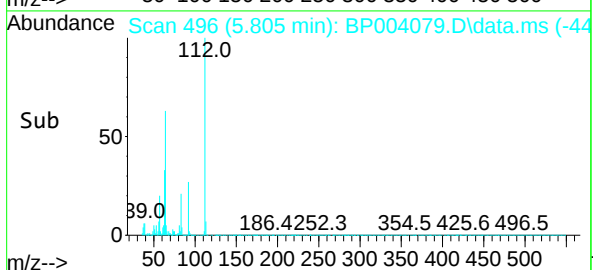
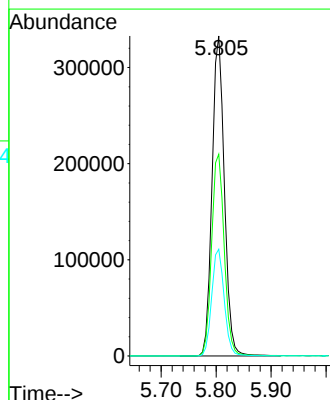
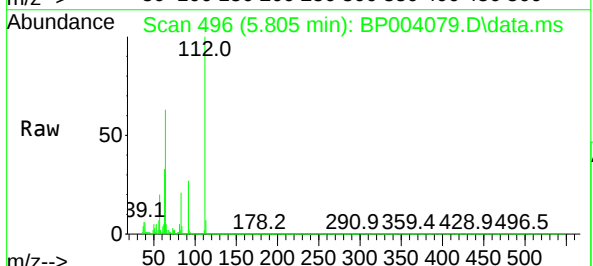
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#5
2-Fluorophenol
Concen: 69.88 ng
RT: 5.805 min Scan# 496
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

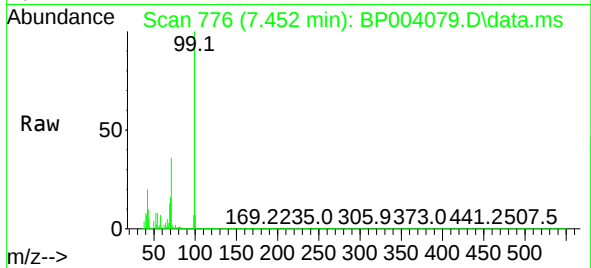
Tgt Ion:112 Resp: 518053
Ion Ratio Lower Upper
112 100
64 63.1 32.8 49.2#
63 33.4 17.0 25.4#





#7
Phenol-d6
Concen: 63.63 ng
RT: 7.452 min Scan# 776
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

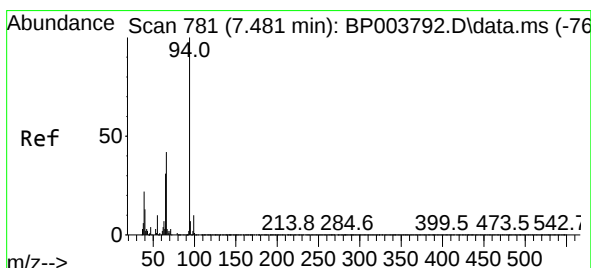
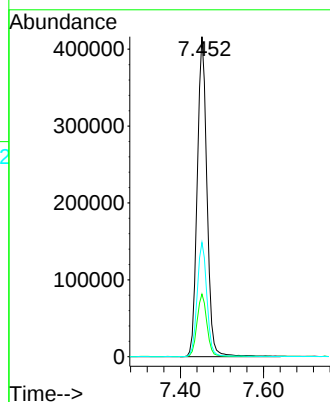
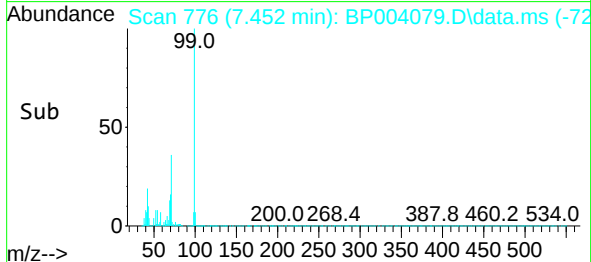
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ClientSampleId :
TR-08-112320



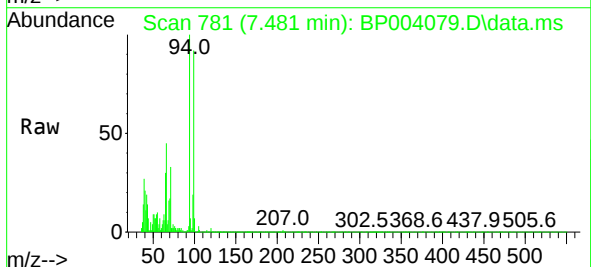
Tgt Ion: 99 Resp: 677140
Ion Ratio Lower Upper
99 100
42 19.5 8.6 13.0#
71 35.7 23.4 35.2#

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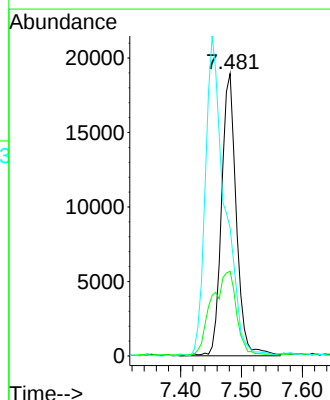
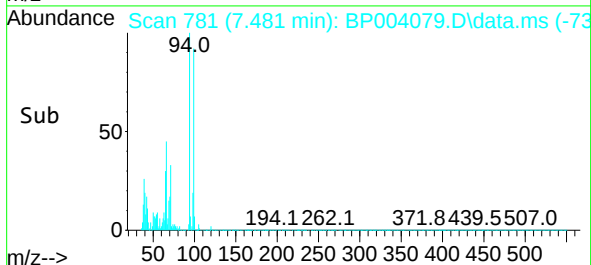
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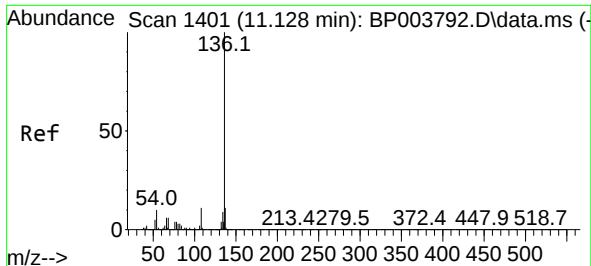


#10
Phenol
Concen: 3.11 ng
RT: 7.481 min Scan# 781
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



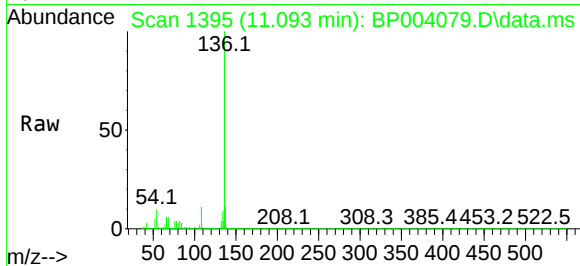
Tgt Ion: 94 Resp: 31938
Ion Ratio Lower Upper
94 100
65 30.0 2.3 42.3
66 45.3 10.9 50.9





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.093 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

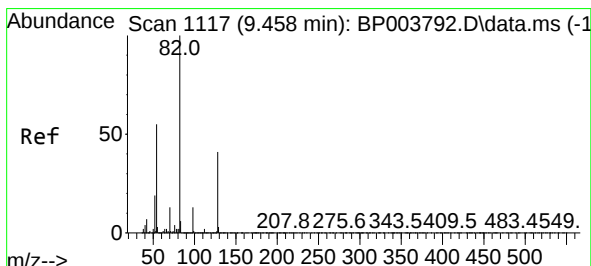
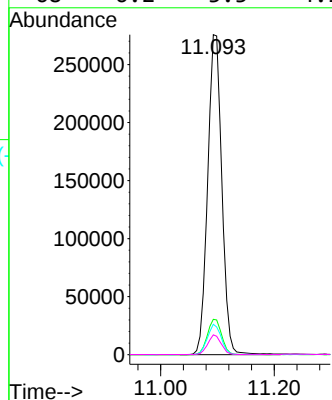
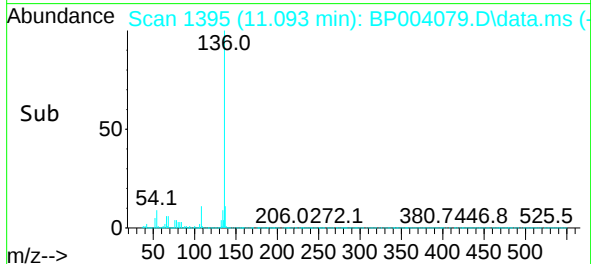
Instrument :
BNA_P
ClientSampleId :
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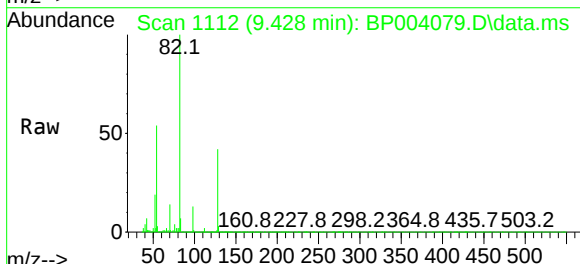
Tgt Ion:136 Resp: 475246
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.5 3.6 5.4#
68 6.2 3.3 4.9#

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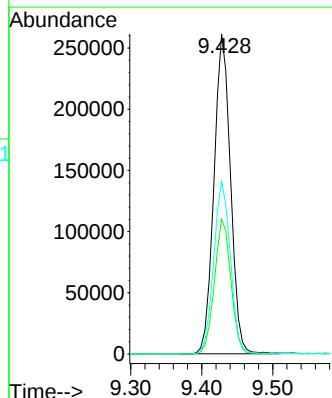
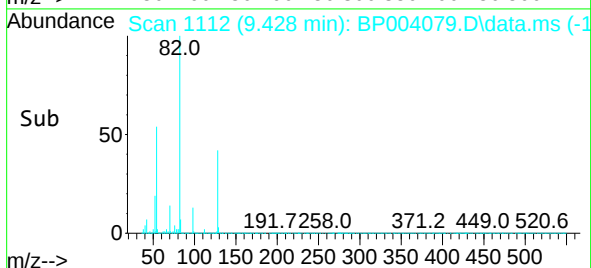
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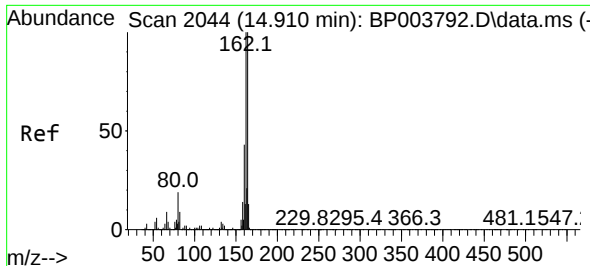


#23
Nitrobenzene-d5
Concen: 43.71 ng
RT: 9.428 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



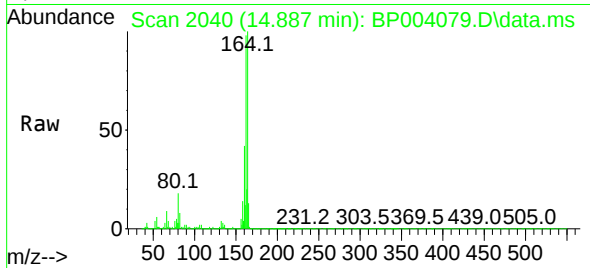
Tgt Ion: 82 Resp: 424108
Ion Ratio Lower Upper
82 100
128 42.1 45.6 68.4#
54 54.0 30.1 45.1#





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.887 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

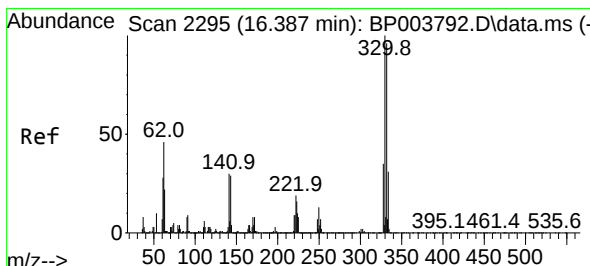
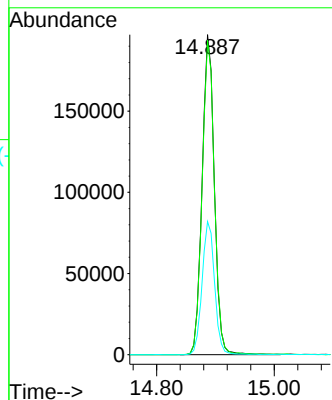
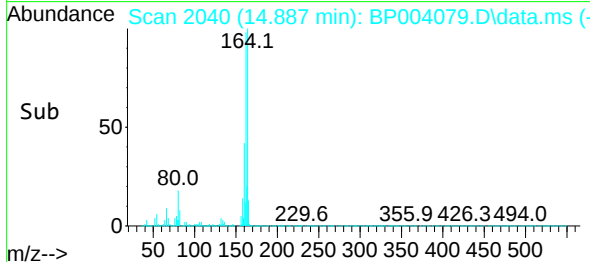
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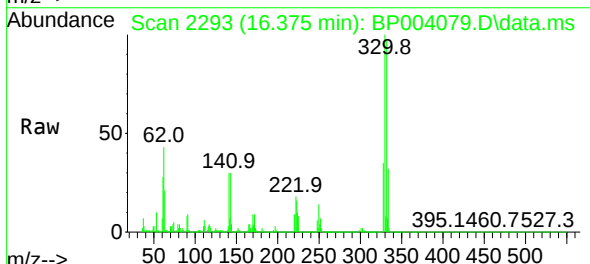
Tgt Ion:164 Resp: 284285
Ion Ratio Lower Upper
164 100
162 98.2 79.4 119.2
160 41.6 36.1 54.1

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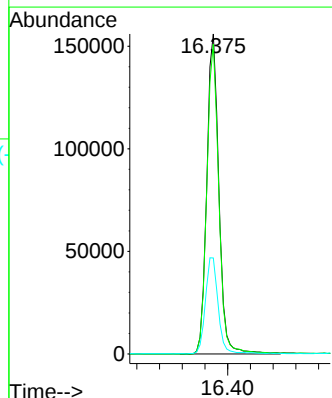
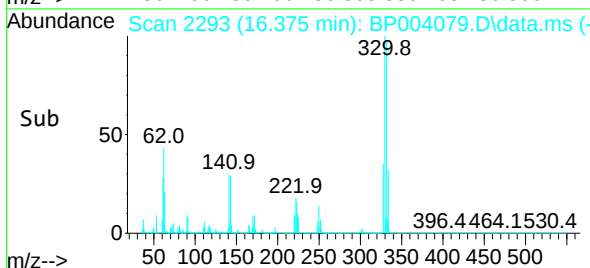
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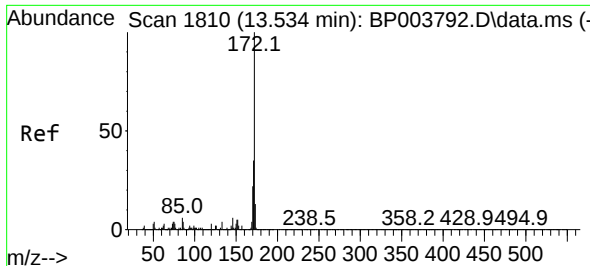


#42
2,4,6-Tribromophenol
Concen: 64.60 ng
RT: 16.375 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



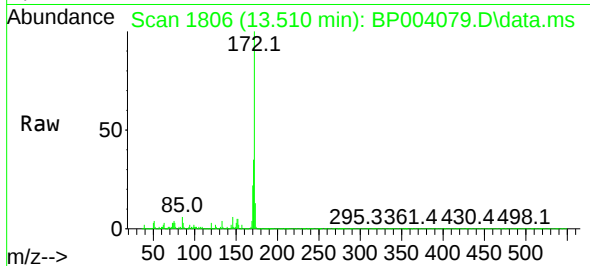
Tgt Ion:330 Resp: 229711
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 31.8 23.4 35.2





#45
2-Fluorobiphenyl
Concen: 44.35 ng
RT: 13.510 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

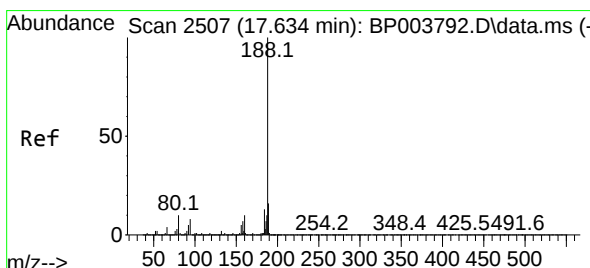
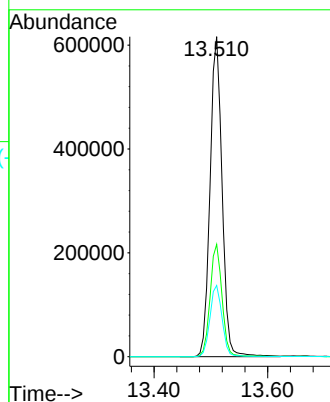
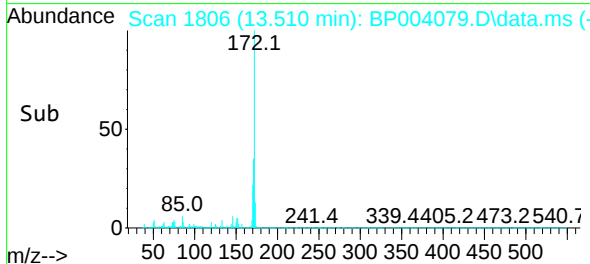
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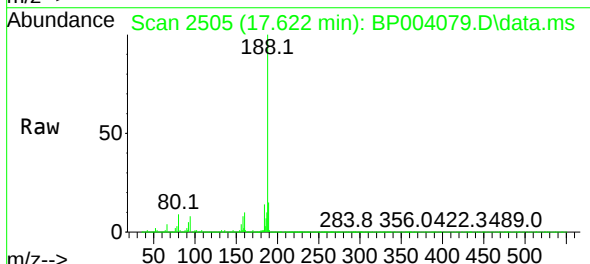
Tgt Ion:172 Resp: 901786
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 22.2 19.2 28.8

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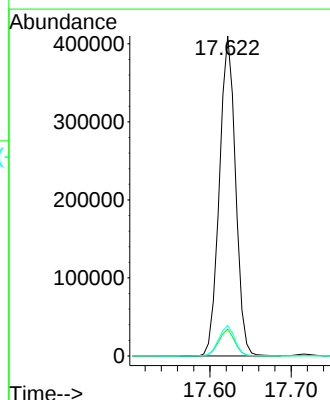
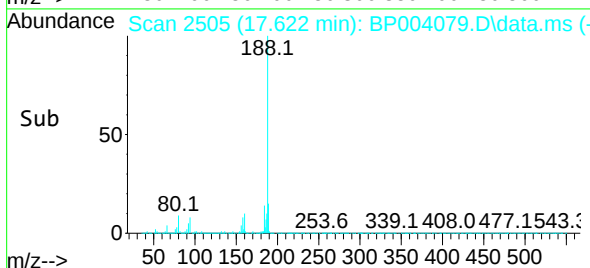
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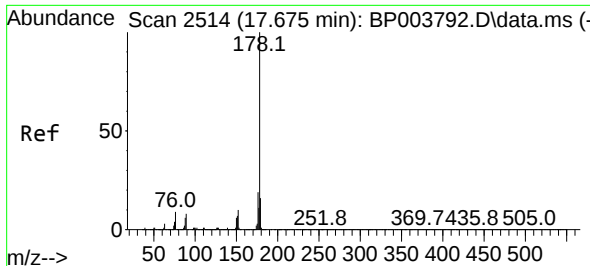


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.622 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



Tgt Ion:188 Resp: 568273
Ion Ratio Lower Upper
188 100
94 8.4 6.2 9.2
80 9.5 6.2 9.2#





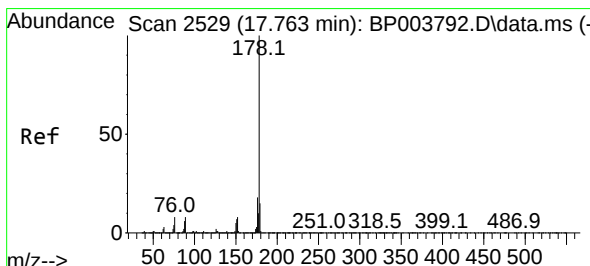
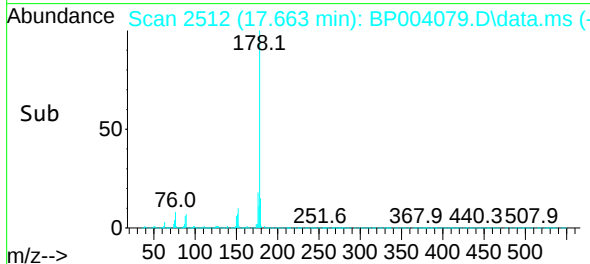
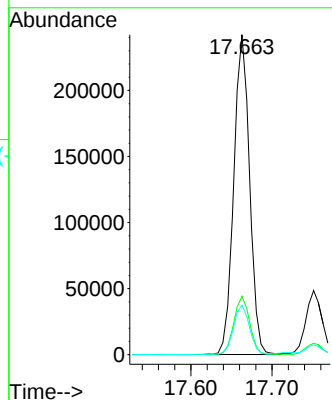
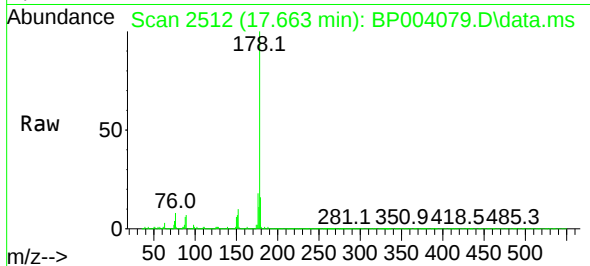
#71
Phenanthrene
Concen: 10.26 ng
RT: 17.663 min Scan# 2512
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:178 Resp: 327145
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.5 12.5 18.7

Instrument :
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TR-08-112320

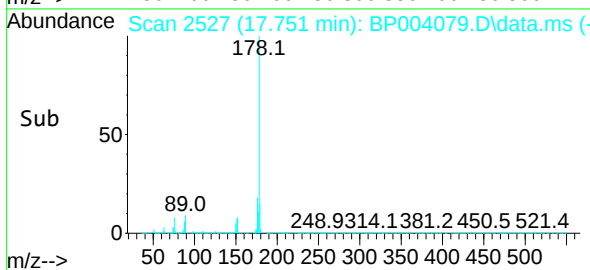
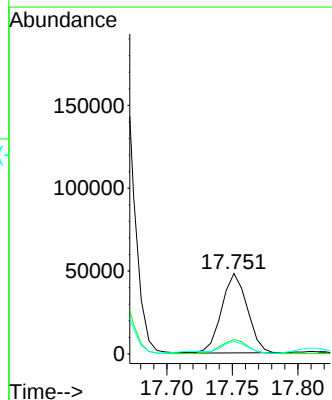
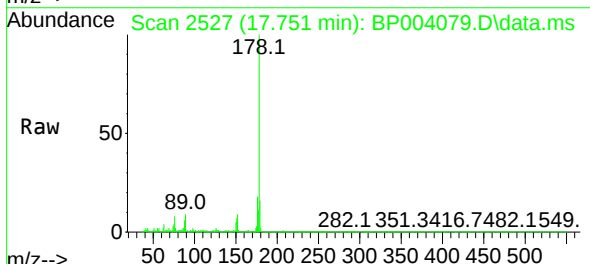
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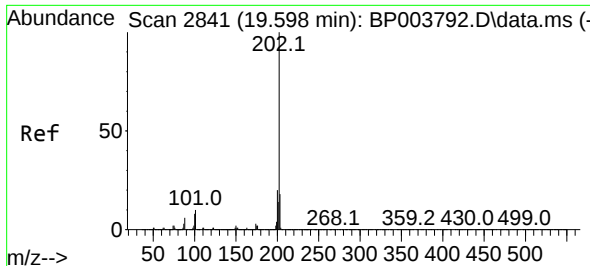
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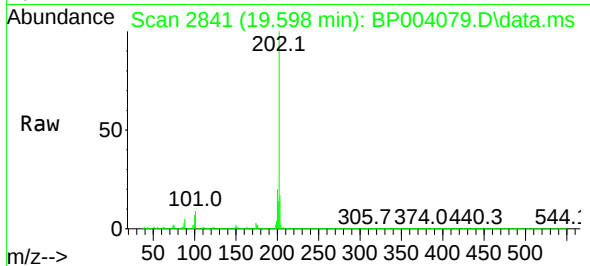
#72
Anthracene
Concen: 2.12 ng
RT: 17.751 min Scan# 2527
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:178 Resp: 65415
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 15.6 12.5 18.7

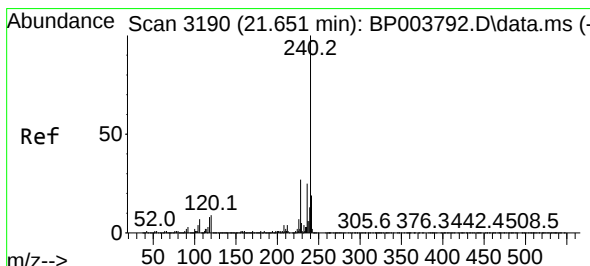
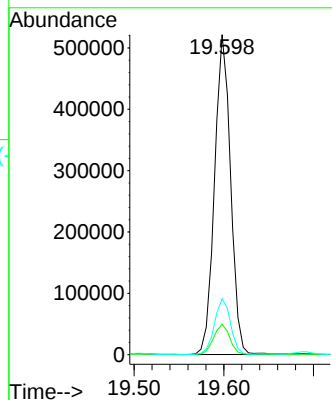
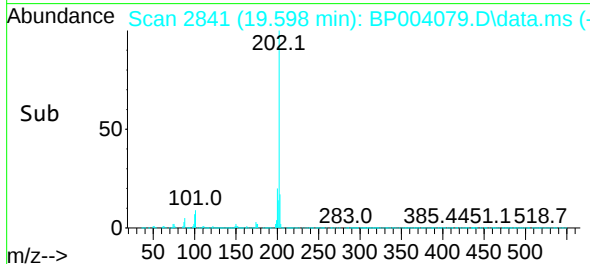




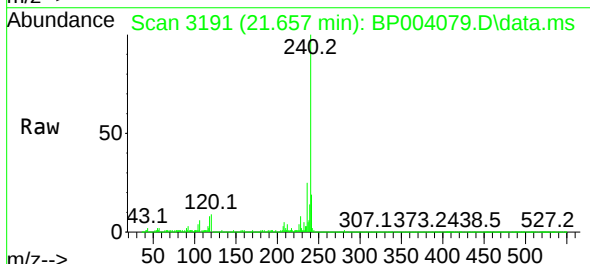
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Fluoranthene
Concen: 17.59 ng
RT: 19.598 min Scan# 2841
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



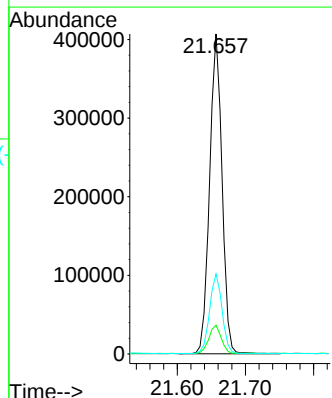
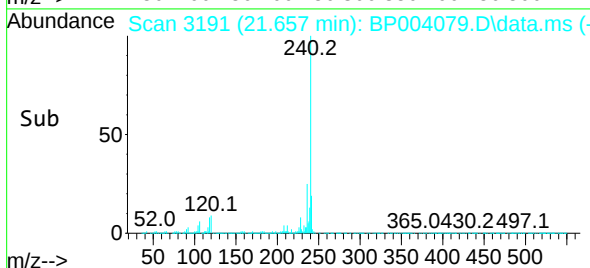
Tgt Ion:202 Resp: 647224
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.4
203 17.5 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.657 min Scan# 3191
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



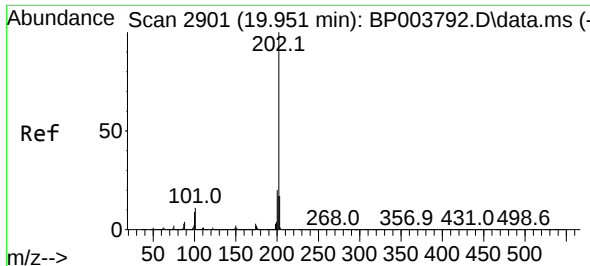
Tgt Ion:240 Resp: 515261
Ion Ratio Lower Upper
240 100
120 9.0 7.8 11.6
236 25.0 20.8 31.2



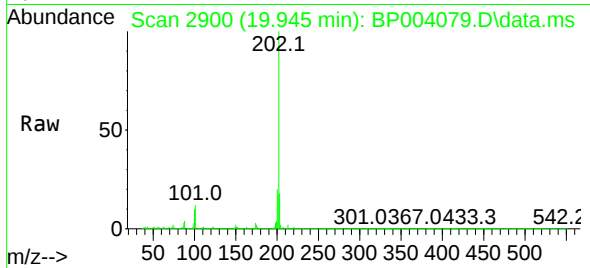
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Manual Integrations
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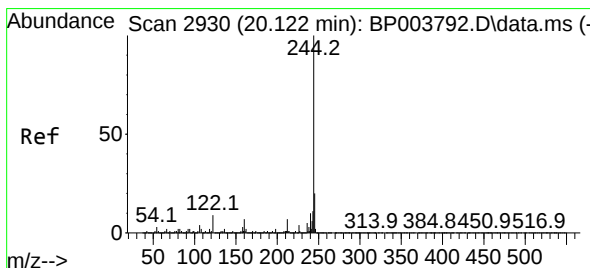
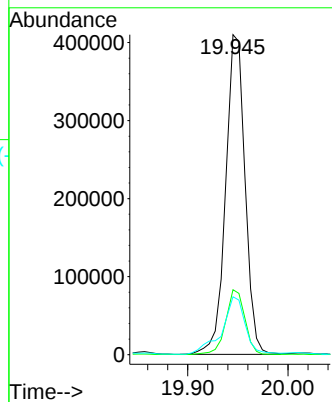
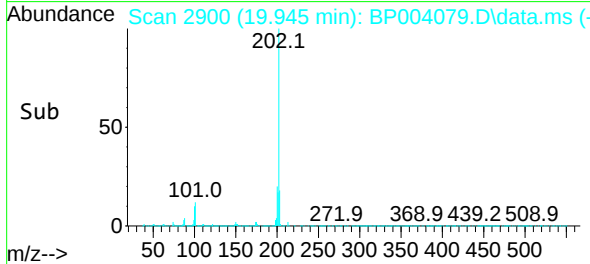
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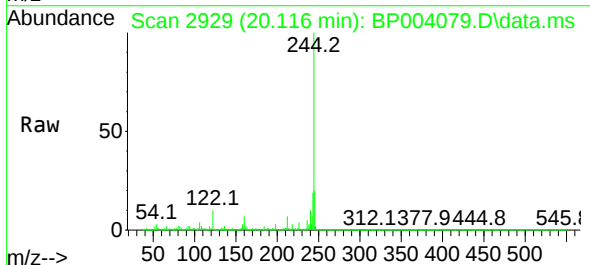
#78
Pyrene
Concen: 15.77 ng
RT: 19.945 min Scan# 2900
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



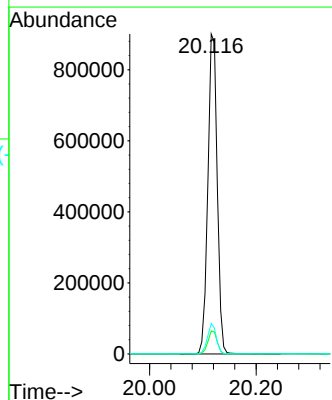
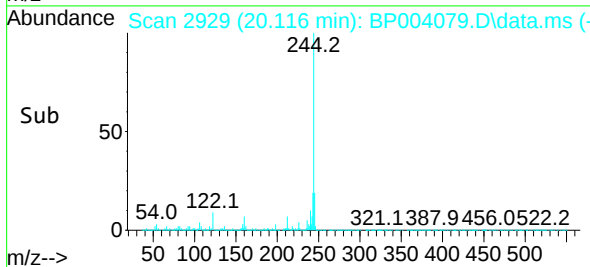
Tgt Ion: 202 Resp: 551262
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 18.1 14.2 21.2



#79
Terphenyl-d14
Concen: 41.00 ng
RT: 20.116 min Scan# 2929
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



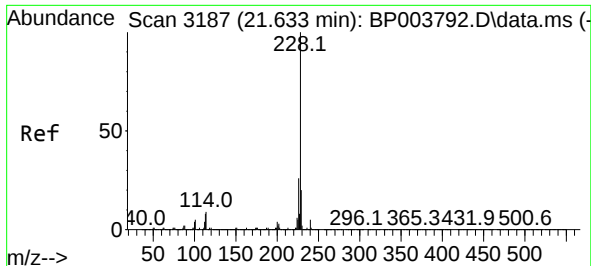
Tgt Ion: 244 Resp: 1093589
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 9.5 7.8 11.8



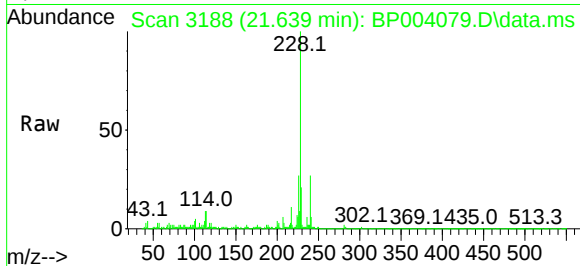
Instrument :
BNA_P
ClientSampleId :
TR-08-112320

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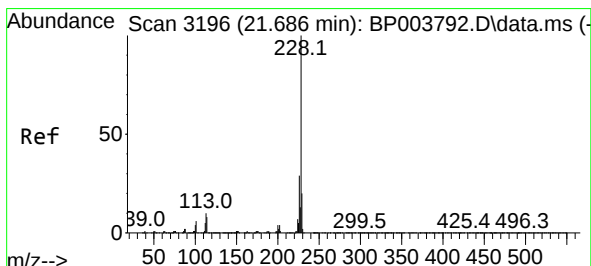
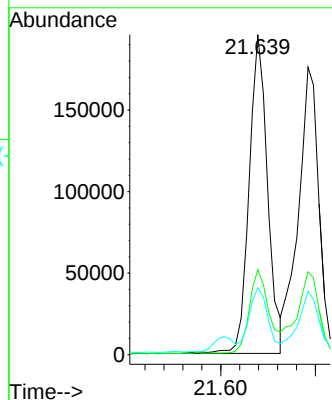
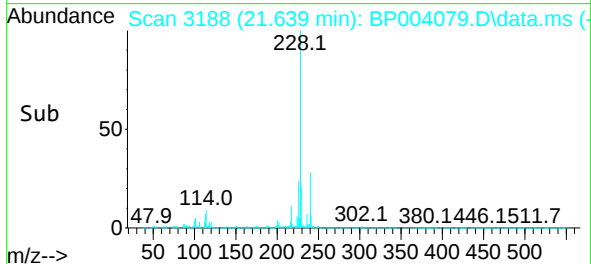
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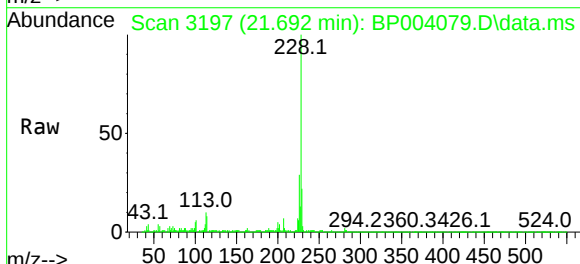
#81
Benzo(a)anthracene
Concen: 7.79 ng
RT: 21.639 min Scan# 3188
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



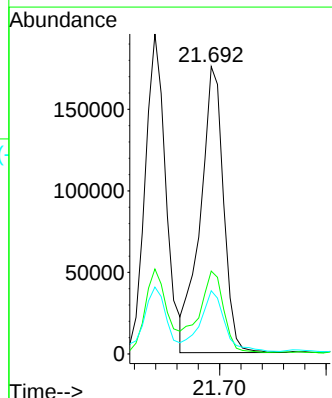
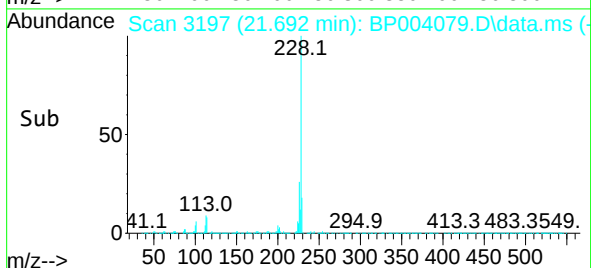
Tgt Ion:228 Resp: 264684
Ion Ratio Lower Upper
228 100
226 26.6 22.1 33.1
229 20.9 15.9 23.9



#83
Chrysene
Concen: 8.13 ng
RT: 21.692 min Scan# 3197
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



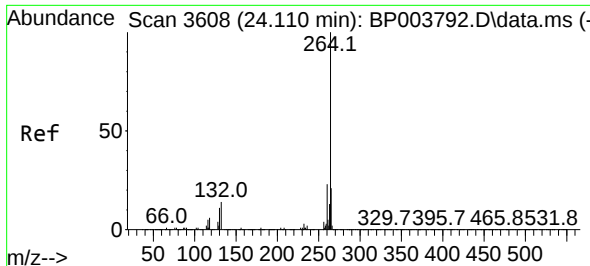
Tgt Ion:228 Resp: 265568
Ion Ratio Lower Upper
228 100
226 28.8 24.4 36.6
229 22.0 15.8 23.6



Instrument :
BNA_P
ClientSampleId :
TR-08-112320

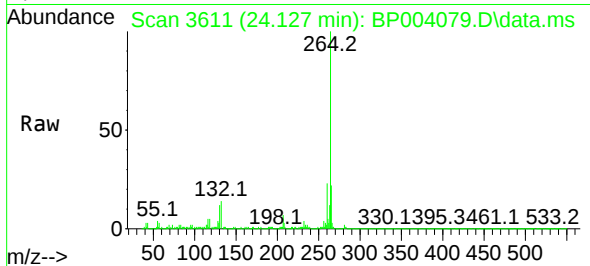
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#86
Perylene-d12
Concen: 20.00 ng
RT: 24.127 min Scan# 3611
Delta R.T. 0.000 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

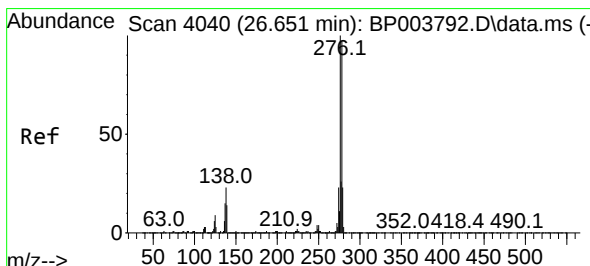
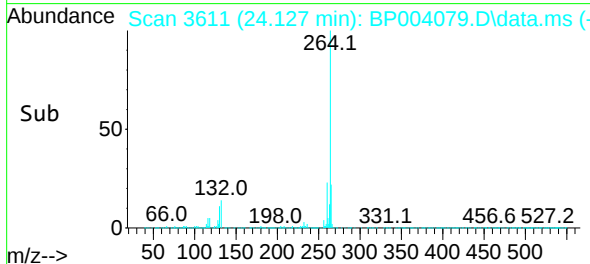
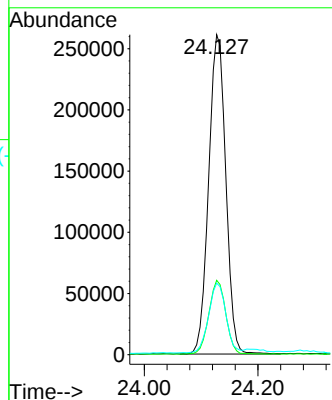
Instrument :
BNA_P
ClientSampleId :
TR-08-112320



Tgt Ion:264 Resp: 545557
Ion Ratio Lower Upper
264 100
260 23.3 18.8 28.2
265 22.3 17.4 26.2

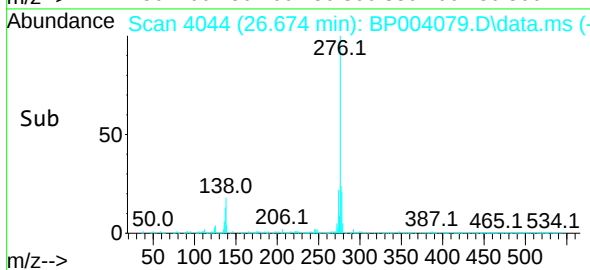
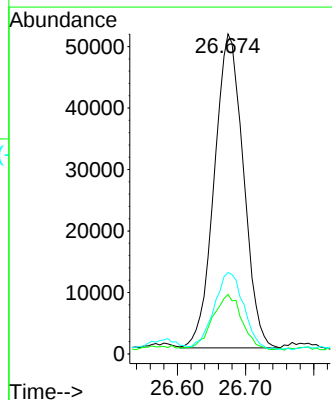
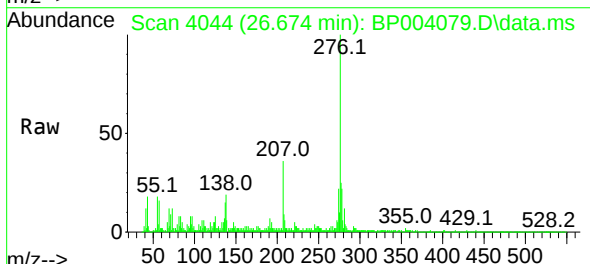
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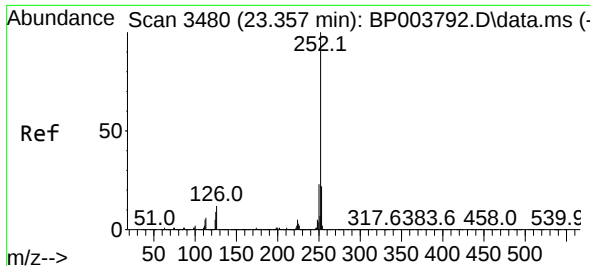
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#87
Indeno(1,2,3-cd)pyrene
Concen: 3.85 ng
RT: 26.674 min Scan# 4044
Delta R.T. -0.017 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:276 Resp: 151489
Ion Ratio Lower Upper
276 100
138 17.7 18.7 28.1#
277 25.1 20.4 30.6





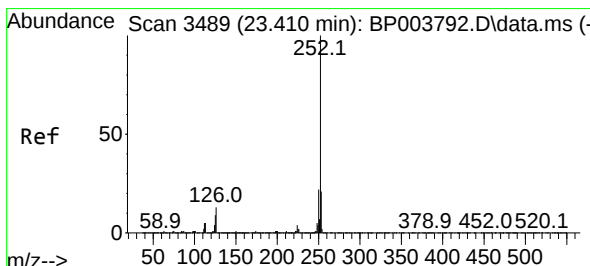
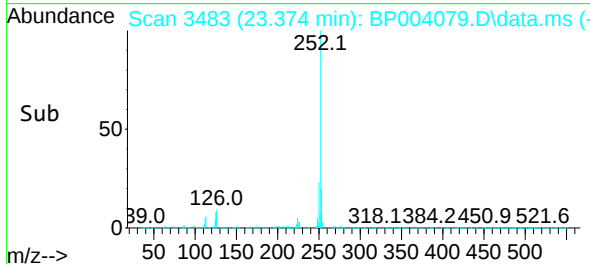
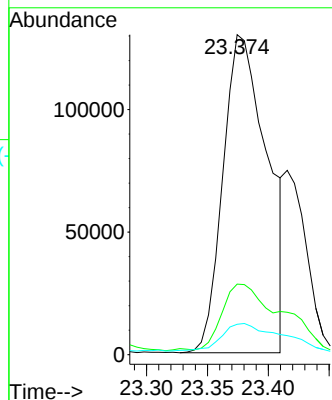
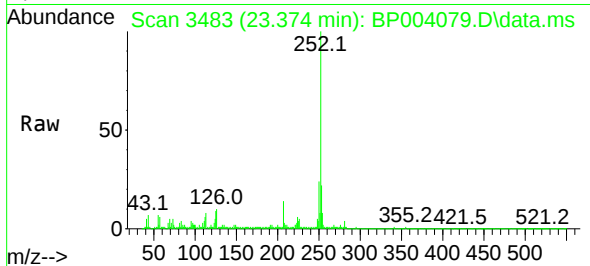
#88
Benzo(b)fluoranthene
Concen: 9.20 ng m
RT: 23.374 min Scan# 3483
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:252 Resp: 328536
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.5 7.3 10.9

Instrument :
BNA_P
ClientSampled :
TR-08-112320

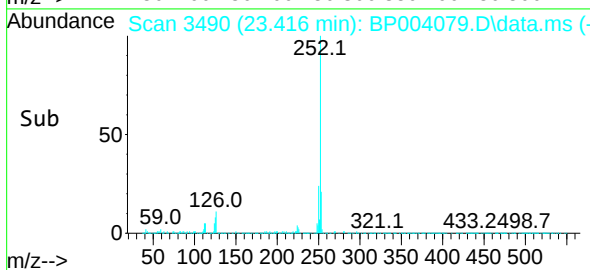
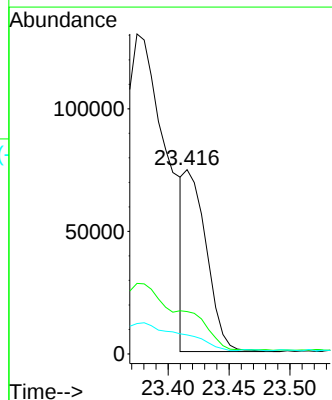
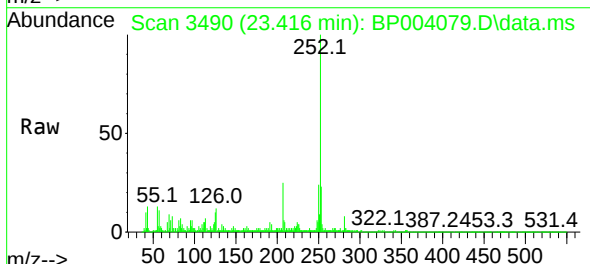
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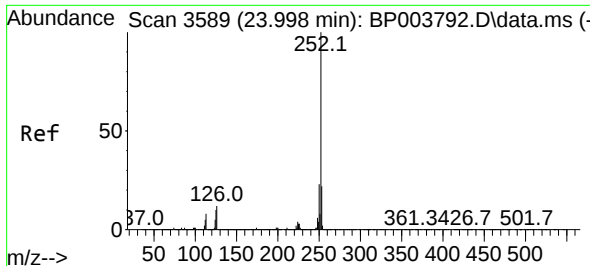
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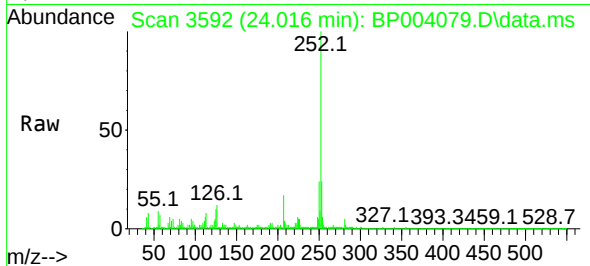
#89
Benzo(k)fluoranthene
Concen: 2.67 ng m
RT: 23.416 min Scan# 3490
Delta R.T. -0.012 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53

Tgt Ion:252 Resp: 93955
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.3 7.4 11.2

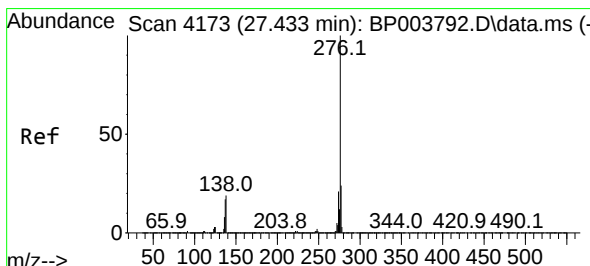
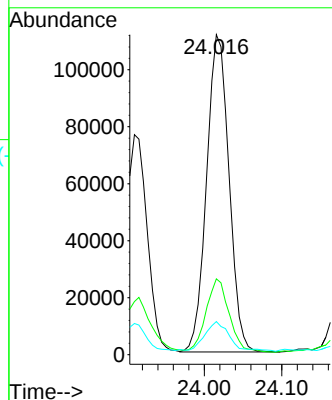
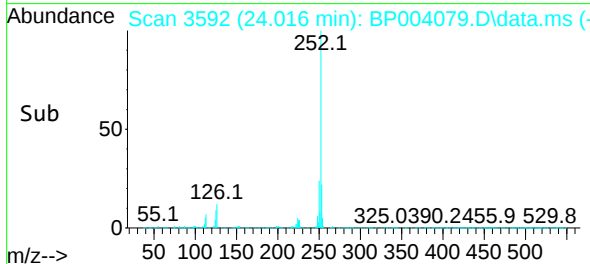




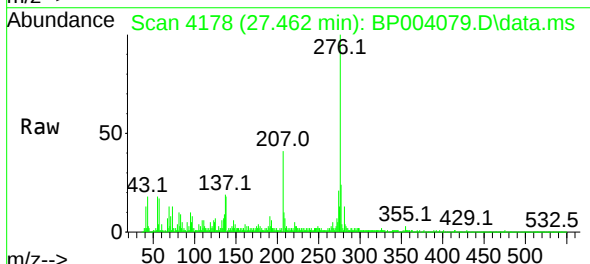
#90
Benzo(a)pyrene
Concen: 6.77 ng
RT: 24.016 min Scan# 3592
Delta R.T. -0.006 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



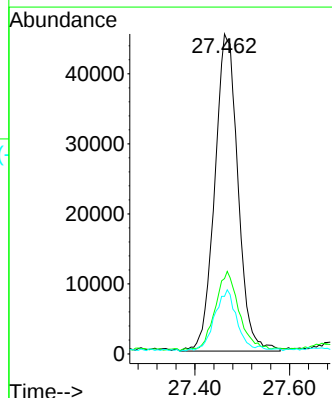
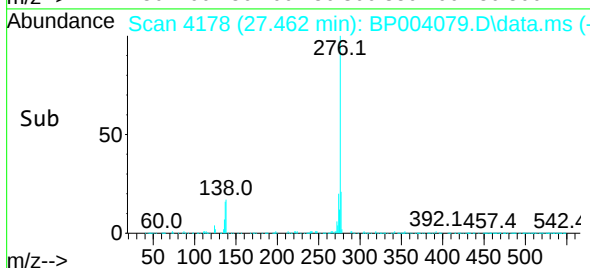
Tgt Ion: 252 Resp: 223868
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.4 8.2 12.4



#92
Benzo(g,h,i)perylene
Concen: 4.85 ng
RT: 27.462 min Scan# 4178
Delta R.T. -0.017 min
Lab File: BP004079.D
Acq: 24 Nov 2020 16:53



Tgt Ion: 276 Resp: 154044
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 18.0 16.6 24.8



Instrument :
BNA_P
ClientSampleId :
TR-08-112320

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