

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005275.D
 Acq On : 12 Apr 2021 20:15
 Operator : CG/JU
 Sample : M1997-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 801-675

Manual Integrations
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mohammad
 4/14/2021 11:49:35 AM

Quant Time: Apr 13 00:27:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 09 18:44:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	39033	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	129639	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	80234	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	181807	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	199637	20.00	ng	0.00
86) Perylene-d12	23.474	264	197278	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	386709	103.97	ng	0.00
7) Phenol-d6	6.863	99	422018	99.45	ng	0.00
23) Nitrobenzene-d5	8.840	82	278074	67.64	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	108664	107.29	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	378680	63.72	ng	0.00
79) Terphenyl-d14	19.680	244	614473	60.46	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.057	152	26773	3.60	ng	96
71) Phenanthrene	17.145	178	119919	11.67	ng	99
72) Anthracene	17.233	178	49887m	5.01	ng	
75) Fluoranthene	19.127	202	433883	34.42	ng	99
78) Pyrene	19.480	202	398319	32.10	ng	99
81) Benzo(a)anthracene	21.192	228	275274	20.90	ng	97
83) Chrysene	21.239	228	240337	18.76	ng	98
87) Indeno(1,2,3-cd)pyrene	25.804	276	146470	9.71	ng	# 91
88) Benzo(b)fluoranthene	22.792	252	310987	24.08	ng	97
89) Benzo(k)fluoranthene	22.827	252	125931m	10.17	ng	
90) Benzo(a)pyrene	23.380	252	239800	20.07	ng	96
91) Dibenzo(a,h)anthracene	25.809	278	40989	3.12	ng	95
92) Benzo(g,h,i)perylene	26.515	276	137428	10.81	ng	# 92

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

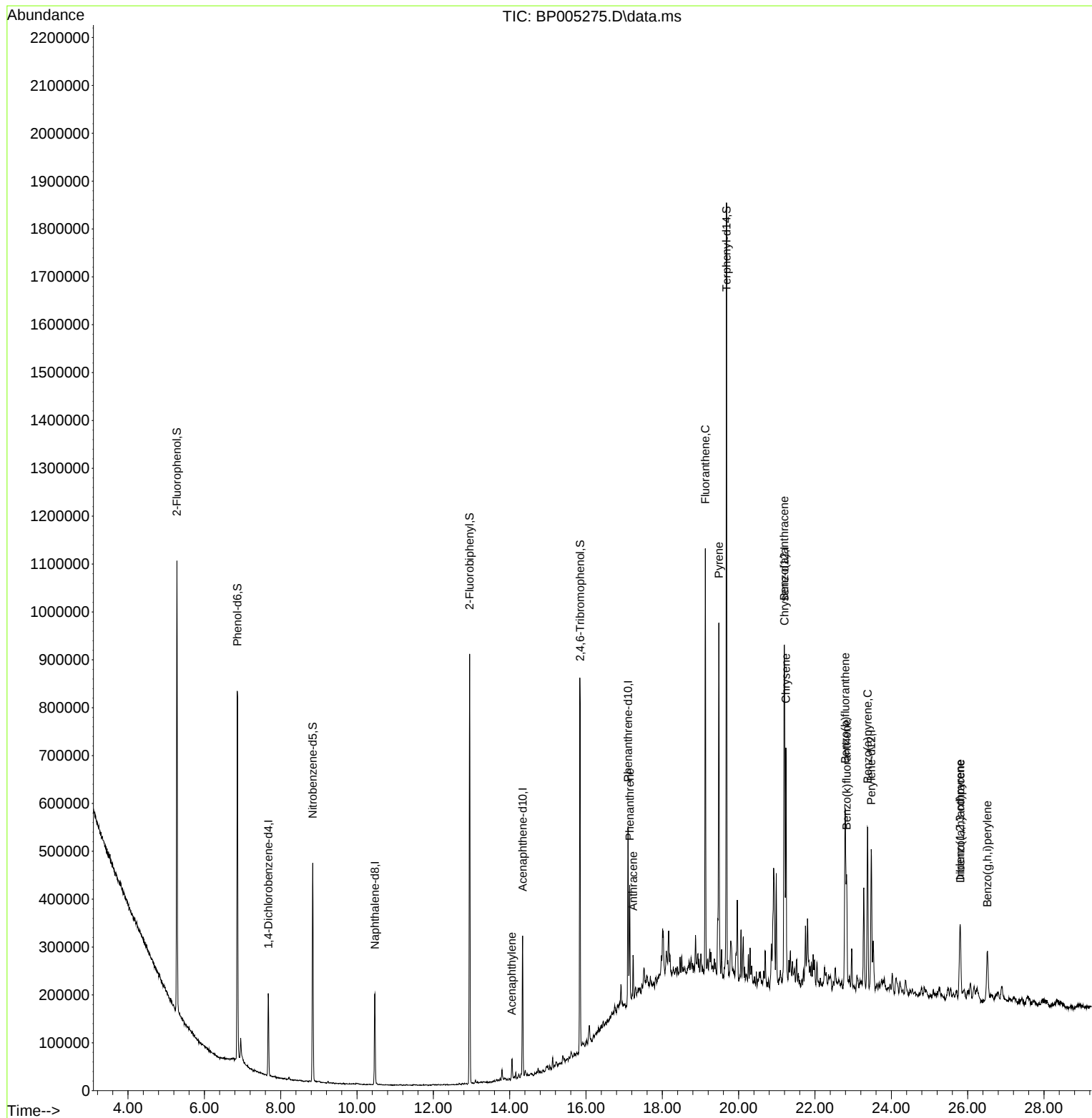
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
Data File : BP005275.D
Acq On : 12 Apr 2021 20:15
Operator : CG/JU
Sample : M1997-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

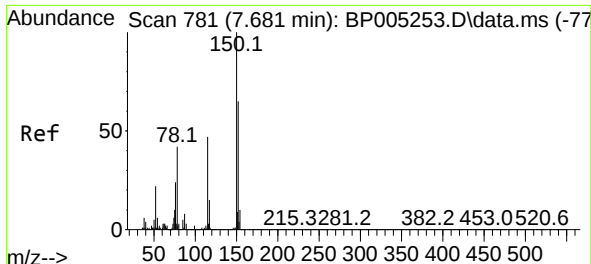
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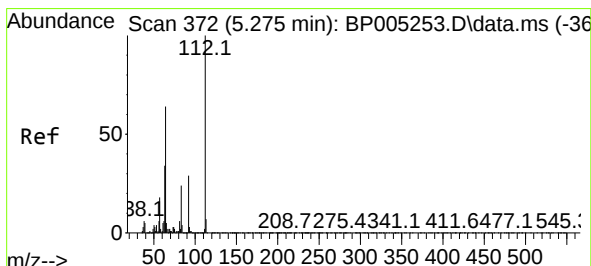
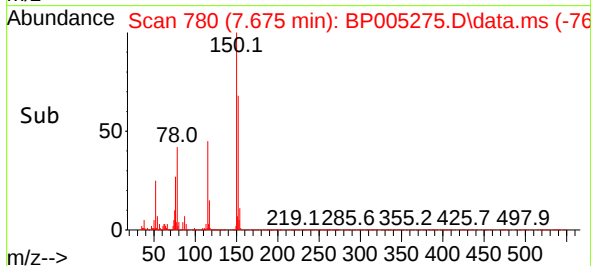
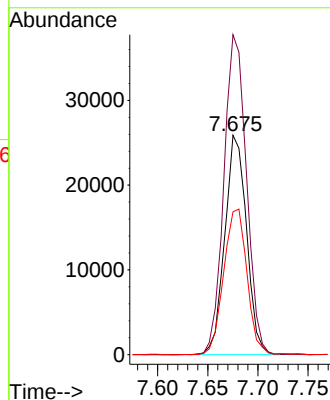
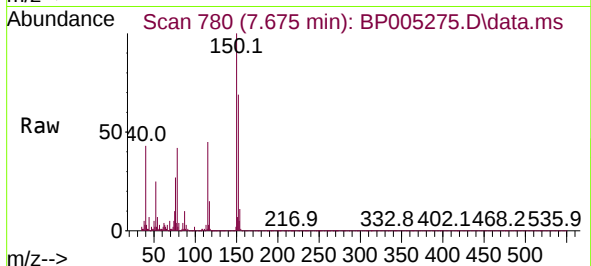
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.9	123.8	185.6
115	65.2	43.8	65.6

Instrument :
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ClientSampleId :
801-675

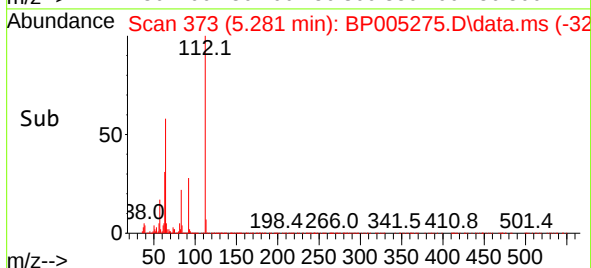
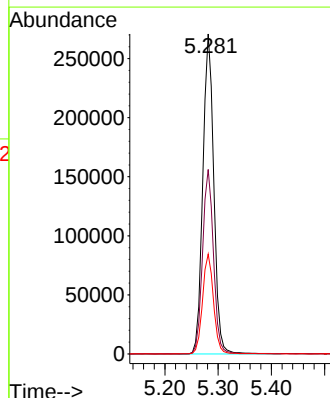
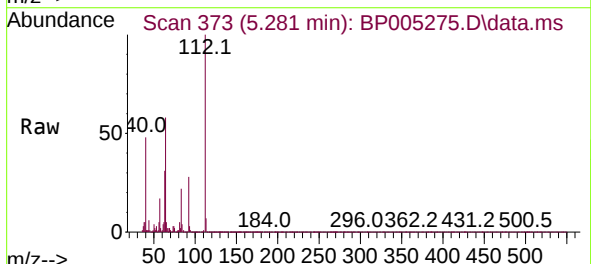
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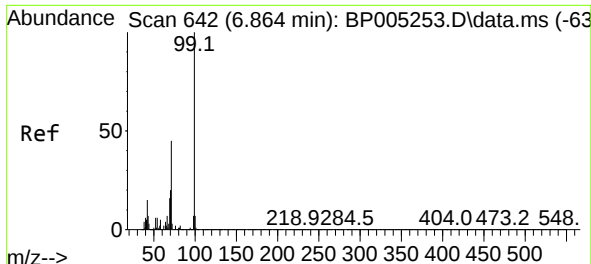
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#5
2-Fluorophenol
Concen: 103.97 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.006 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

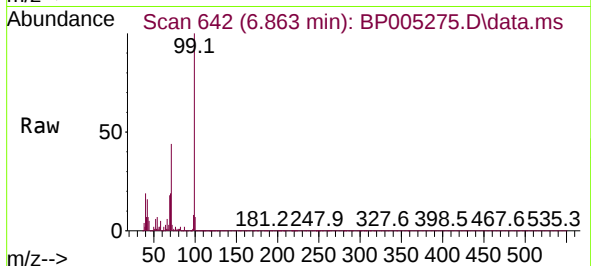
Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	32.8	49.2#
63	31.2	17.0	25.4#





#7
Phenol-d6
Concen: 99.45 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

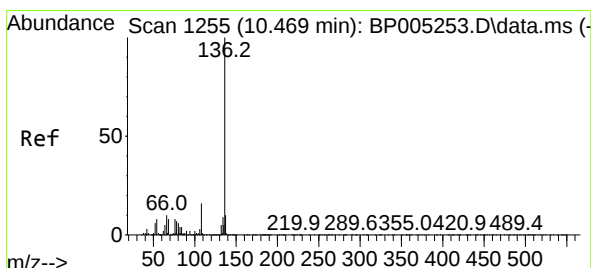
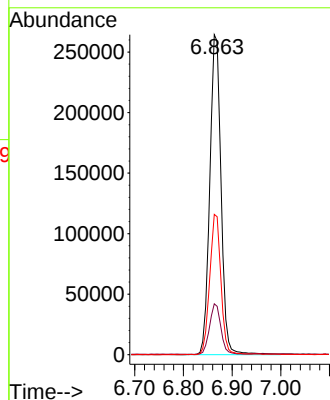
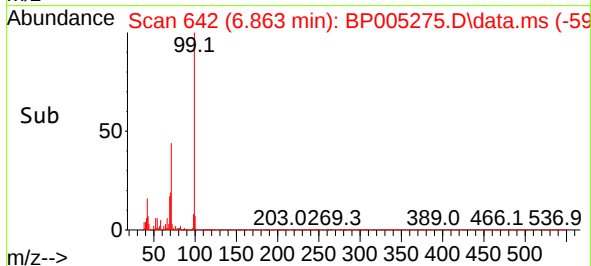
Instrument :
BNA_P
ClientSampleId :
801-675



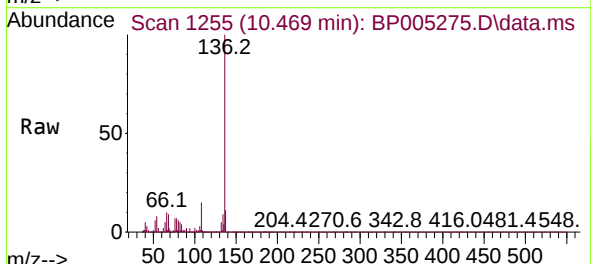
Tgt Ion: 99 Resp: 422018
Ion Ratio Lower Upper
99 100
42 15.9 8.6 13.0#
71 43.8 23.4 35.2#

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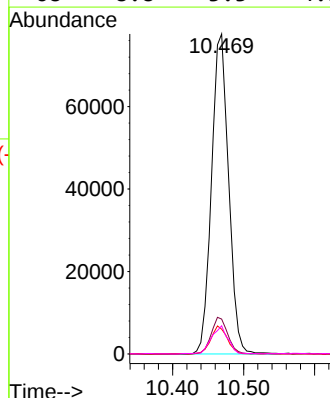
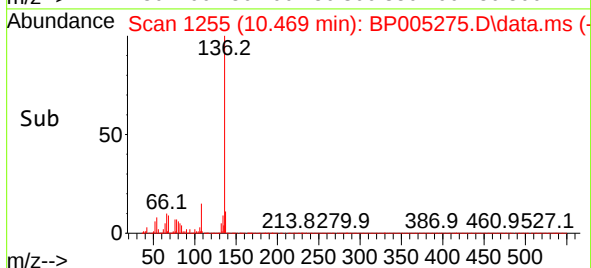
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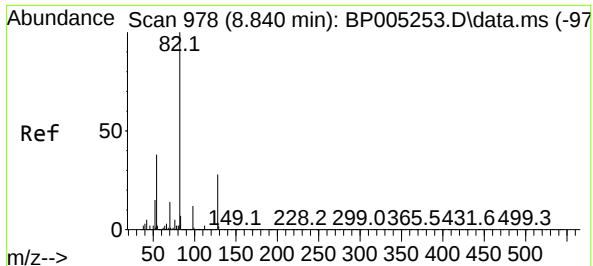


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15



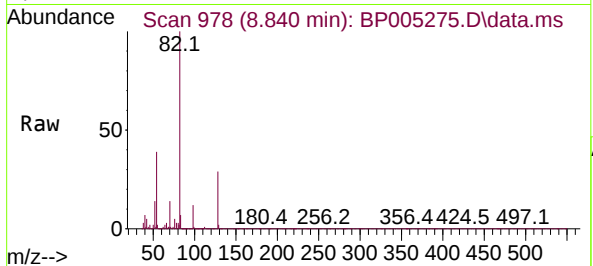
Tgt Ion: 136 Resp: 129639
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.8 3.6 5.4#
68 8.8 3.3 4.9#





#23
Nitrobenzene-d5
Concen: 67.64 ng
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

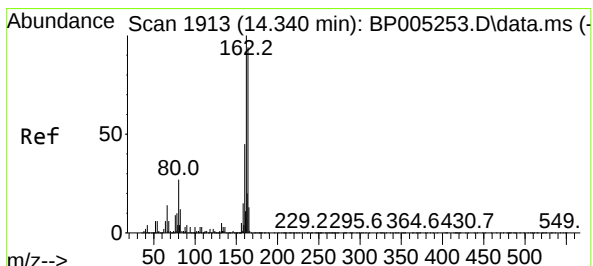
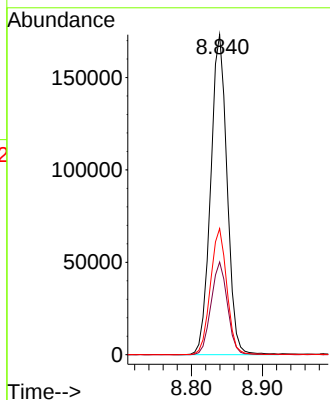
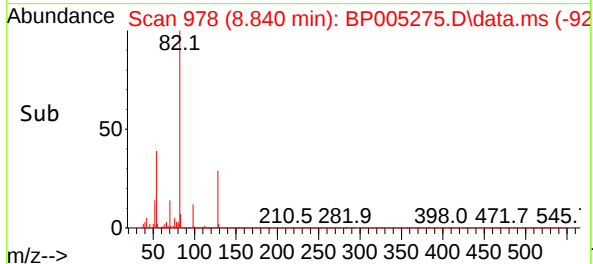
Instrument :
BNA_P
ClientSampleId :
801-675



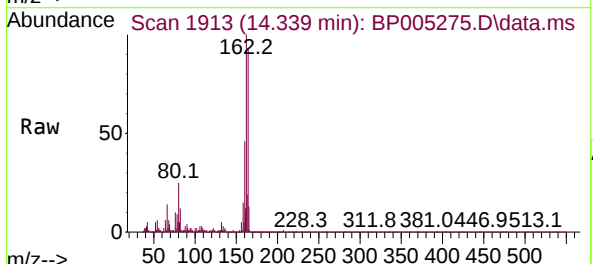
Tgt Ion: 82 Resp: 278074
Ion Ratio Lower Upper
82 100
128 29.0 45.6 68.4#
54 39.4 30.1 45.1

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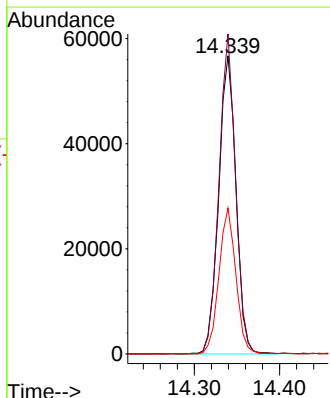
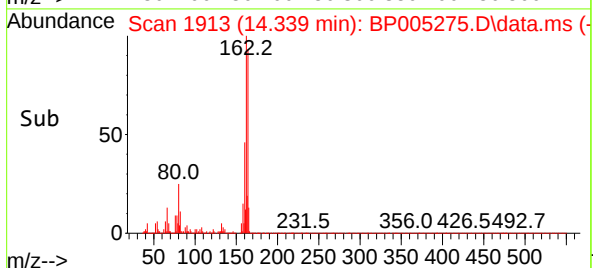
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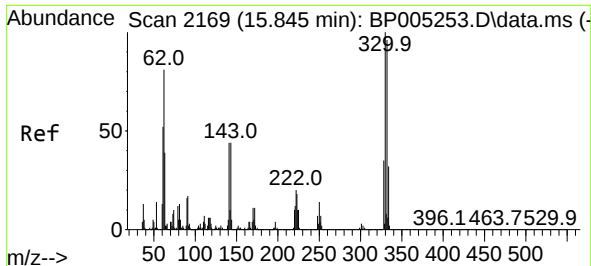


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.001 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15



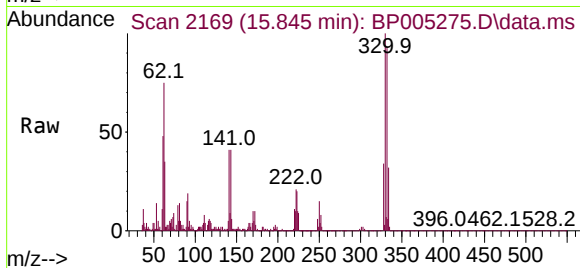
Tgt Ion: 164 Resp: 80234
Ion Ratio Lower Upper
164 100
162 107.3 79.4 119.2
160 48.9 36.1 54.1





#42
2,4,6-Tribromophenol
Concen: 107.29 ng
RT: 15.845 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

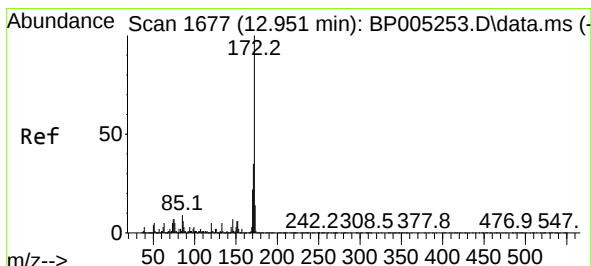
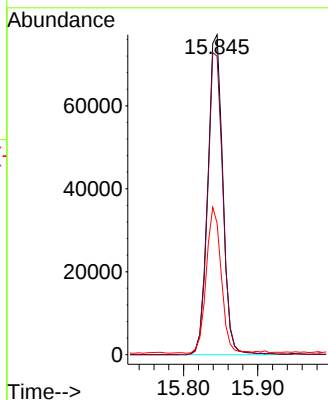
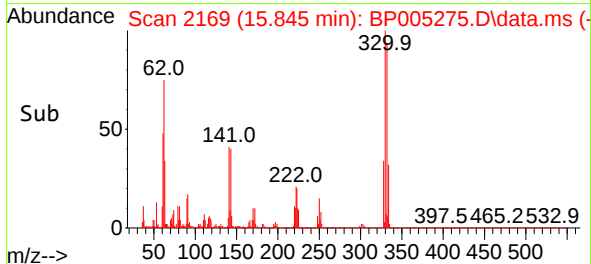
Instrument :
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ClientSampleId :
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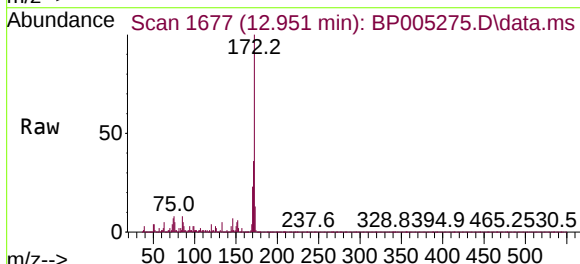
Tgt Ion:330 Resp: 108664
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 45.3 23.4 35.2#

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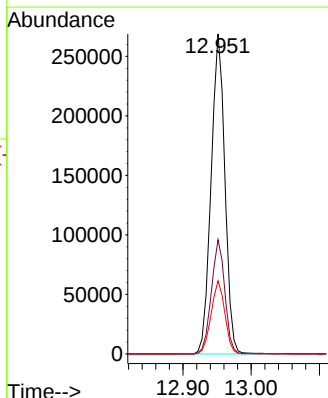
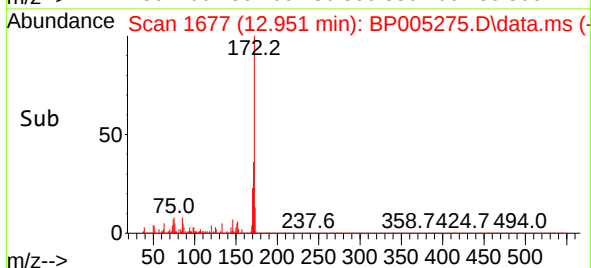
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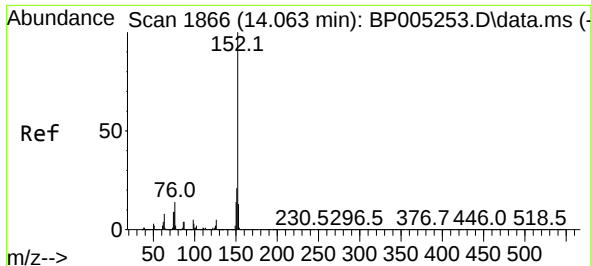


#45
2-Fluorobiphenyl
Concen: 63.72 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15



Tgt Ion:172 Resp: 378680
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 22.9 19.2 28.8





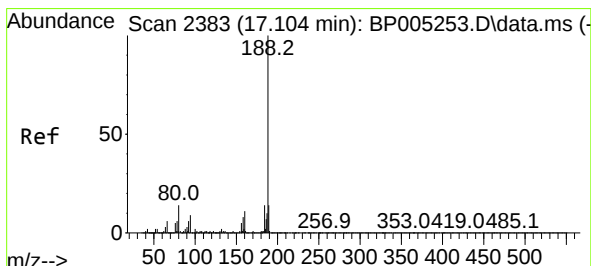
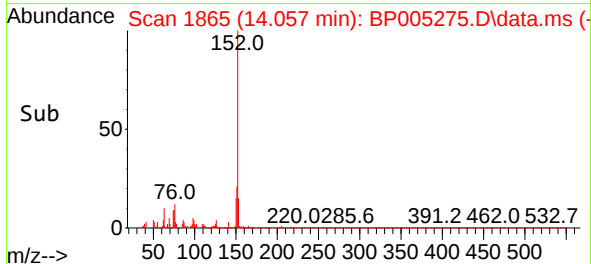
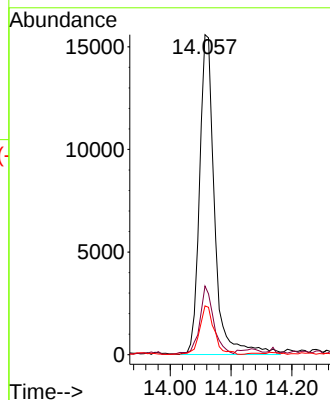
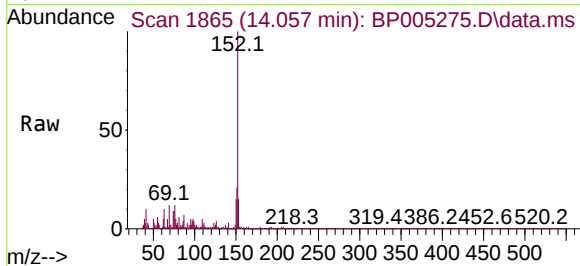
#49
Acenaphthylene
Concen: 3.60 ng
RT: 14.057 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

Tgt Ion:152	Resp:	26773
Ion Ratio	Lower	Upper
152	100	
151	21.4	15.9 23.9
153	15.2	10.5 15.7

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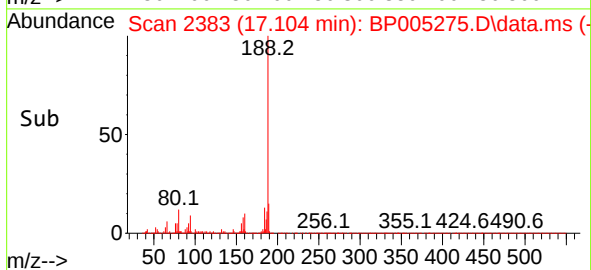
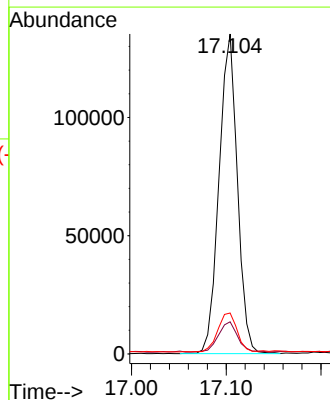
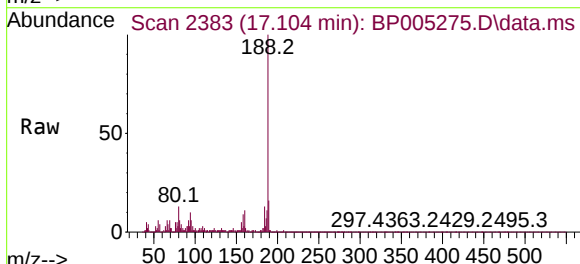
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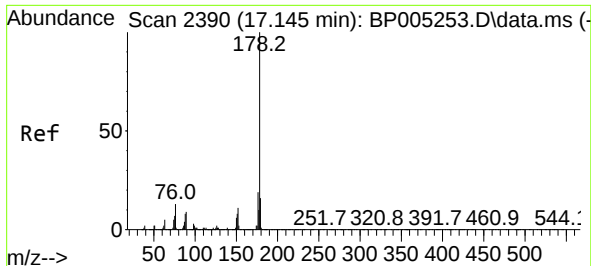
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

Tgt Ion:188	Resp:	181807
Ion Ratio	Lower	Upper
188	100	
94	10.0	6.2 9.2#
80	12.8	6.2 9.2#





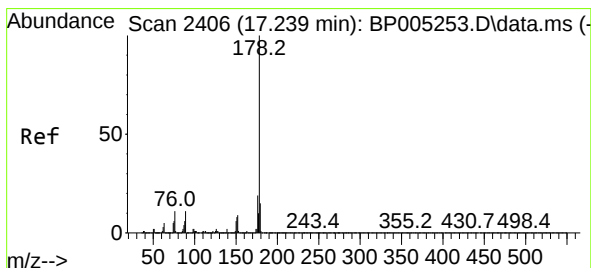
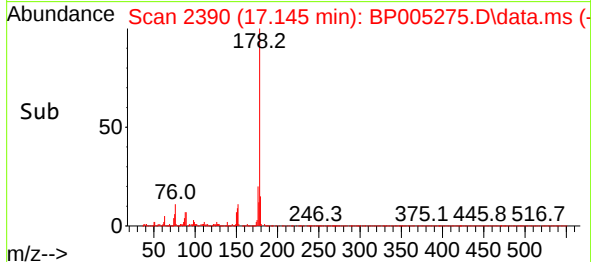
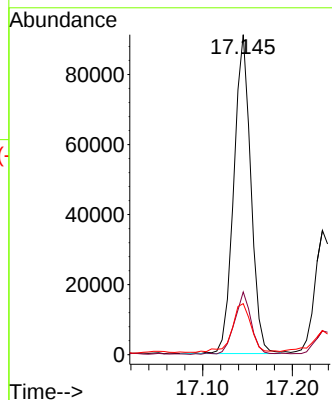
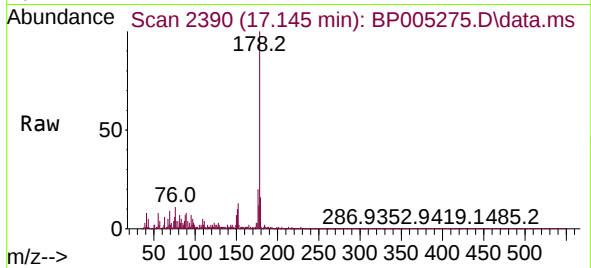
#71
Phenanthrene
Concen: 11.67 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

Tgt Ion:178 Resp: 119919
Ion Ratio Lower Upper
178 100
176 19.6 15.3 22.9
179 15.9 12.5 18.7

Instrument :
BNA_P
ClientSampled :
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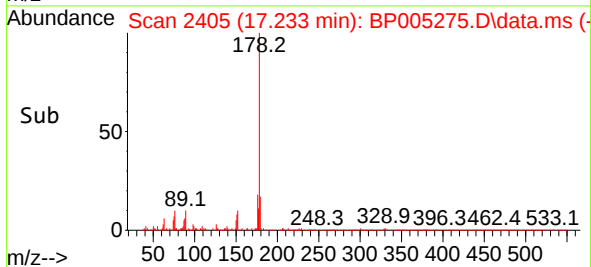
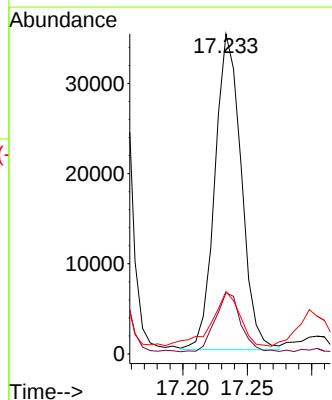
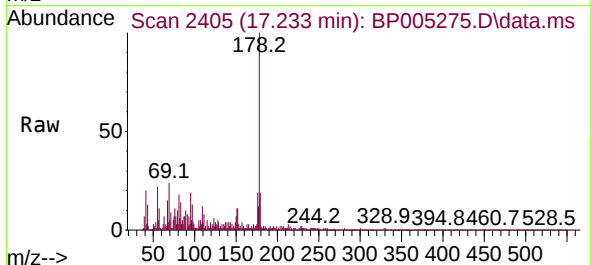
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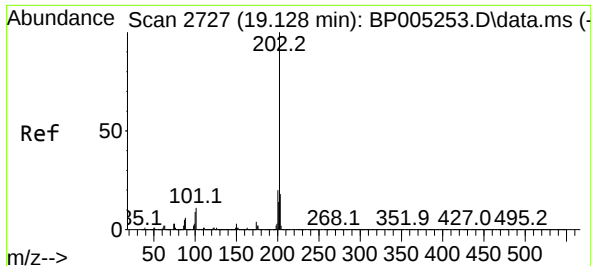
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#72
Anthracene
Concen: 5.01 ng m
RT: 17.233 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

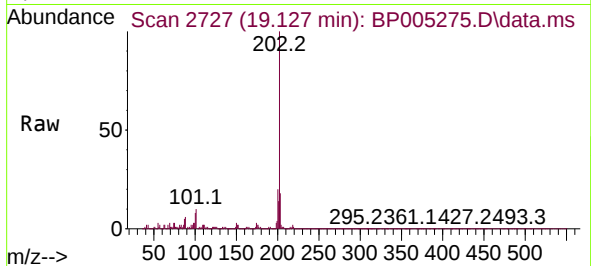
Tgt Ion:178 Resp: 49887
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 19.5 12.5 18.7#





#75
Fluoranthene
Concen: 34.42 ng
RT: 19.127 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

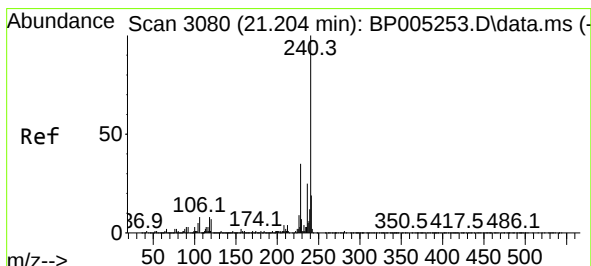
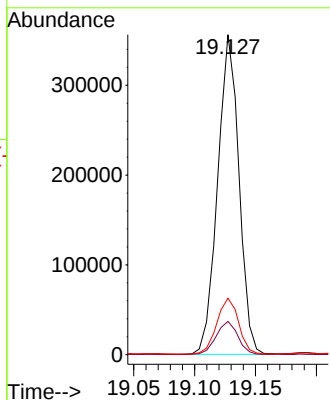
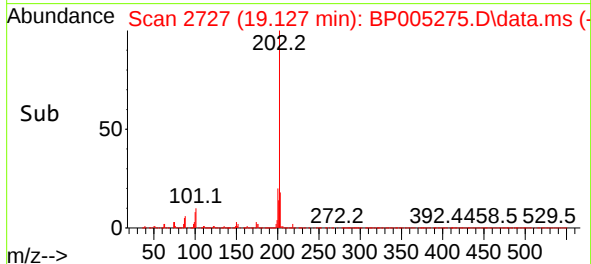
Instrument :
BNA_P
ClientSampleId :
801-675



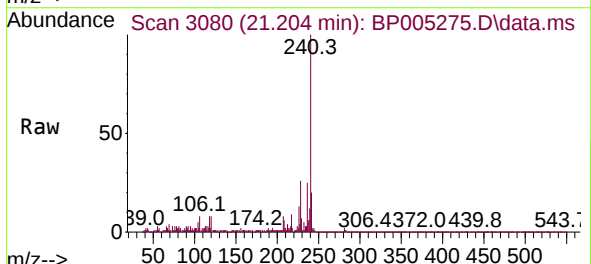
Tgt Ion:202 Resp: 433883
Ion Ratio Lower Upper
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101 10.4 0.0 29.4
203 17.6 0.0 37.8

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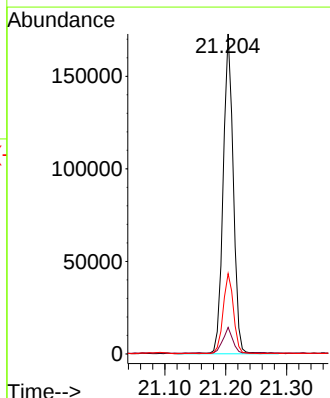
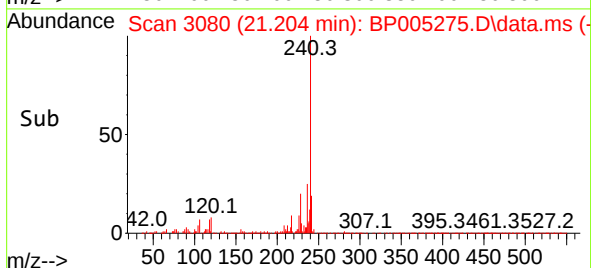
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4/14/2021 11:49:35 AM

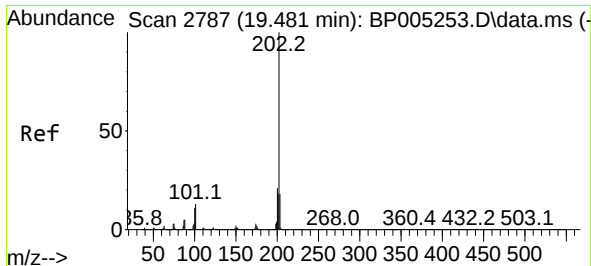


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15



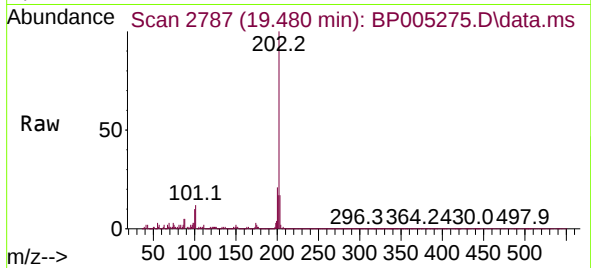
Tgt Ion:240 Resp: 199637
Ion Ratio Lower Upper
240 100
120 8.3 7.8 11.6
236 25.1 20.8 31.2





#78
Pyrene
Concen: 32.10 ng
RT: 19.480 min Scan# 2787
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

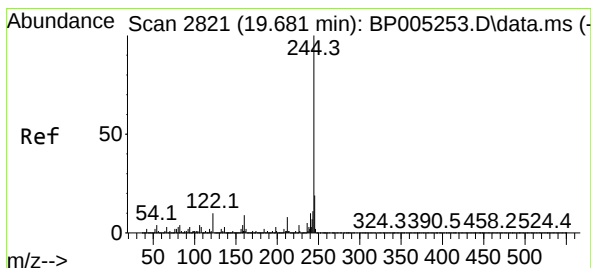
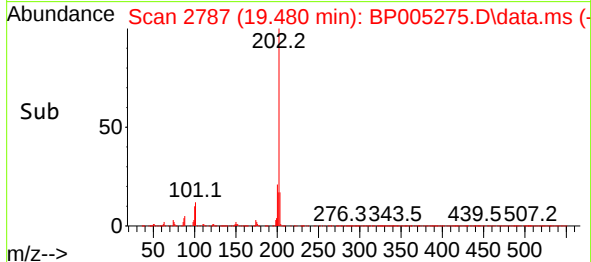
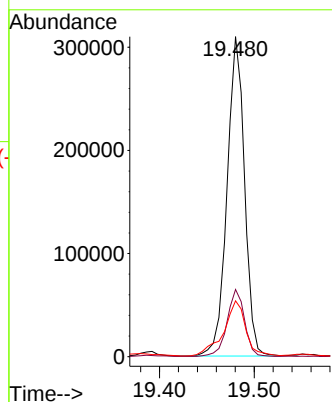
Instrument :
BNA_P
ClientSampleId :
801-675



Tgt Ion:202 Resp: 398319
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.5 14.2 21.2

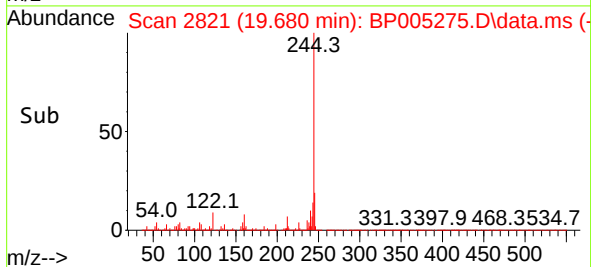
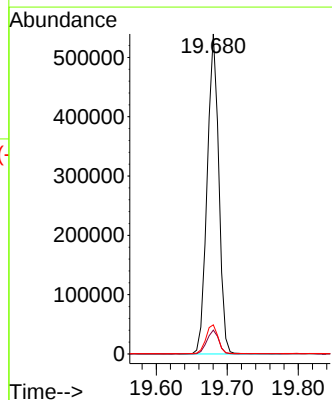
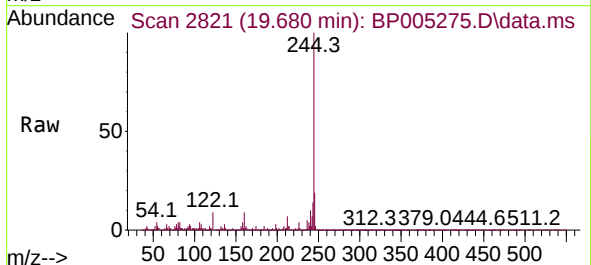
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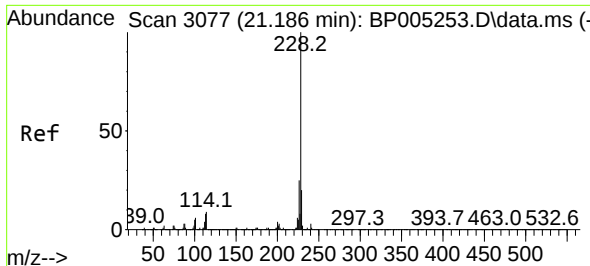
mohammad
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#79
Terphenyl-d14
Concen: 60.46 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

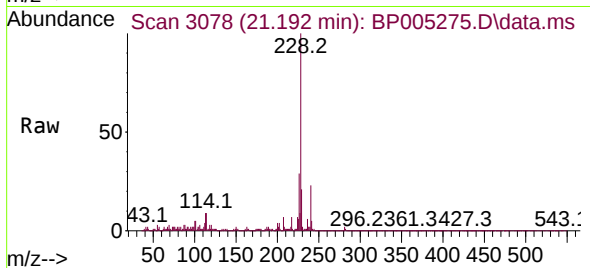
Tgt Ion:244 Resp: 614473
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.6
122 9.1 7.8 11.8





#81
Benzo(a)anthracene
Concen: 20.90 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.006 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

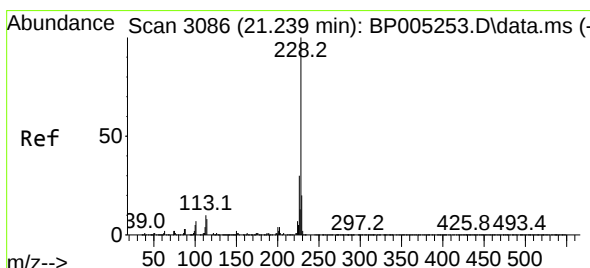
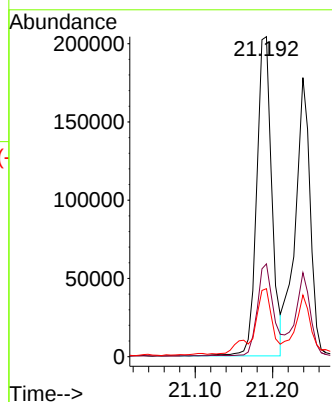
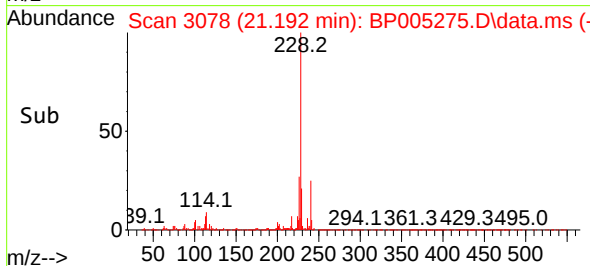
Instrument :
BNA_P
ClientSampleId :
801-675



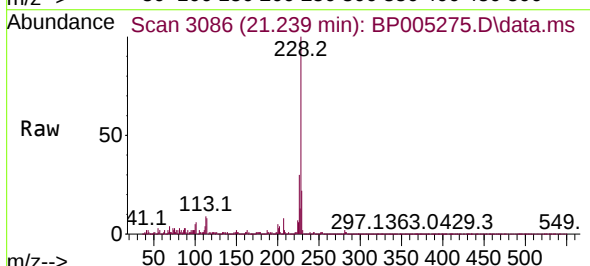
Tgt Ion:228 Resp: 275274
Ion Ratio Lower Upper
228 100
226 29.0 22.1 33.1
229 21.2 15.9 23.9

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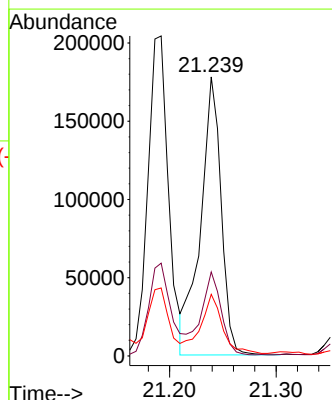
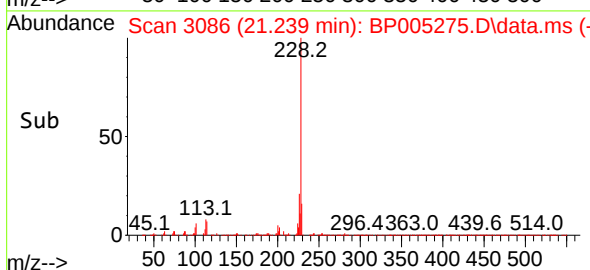
mohammad
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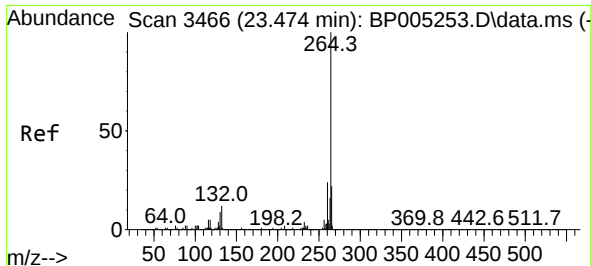


#83
Chrysene
Concen: 18.76 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15



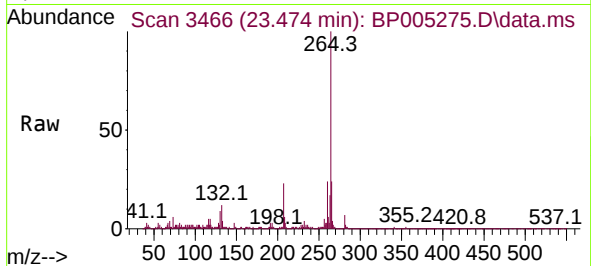
Tgt Ion:228 Resp: 240337
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 22.1 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.474 min Scan# 3466
Delta R.T. -0.000 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

Instrument :
BNA_P
ClientSampleId :
801-675

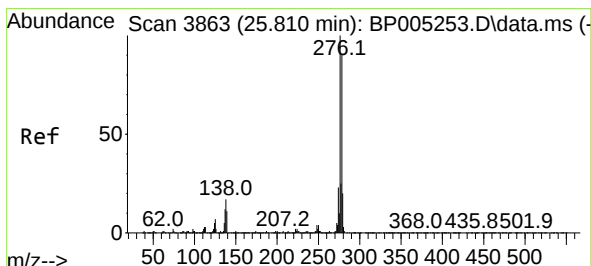
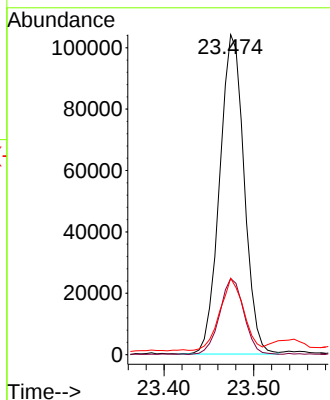
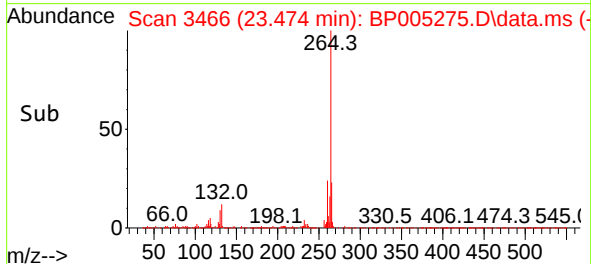


Tgt Ion: 264 Resp: 197278

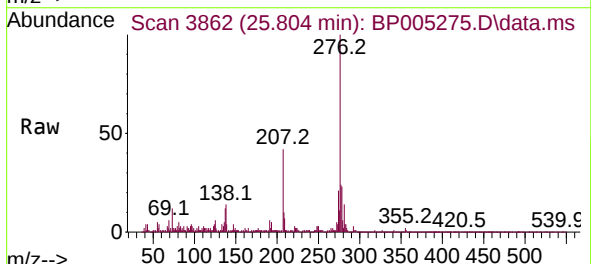
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	23.8	17.4	26.2

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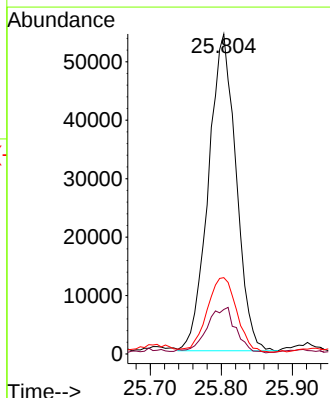
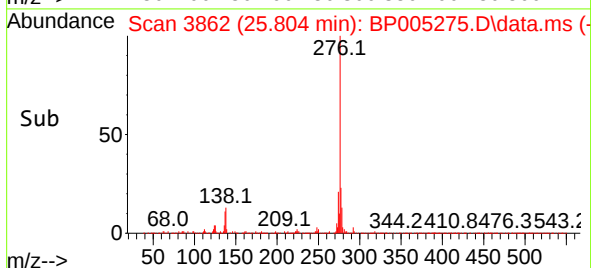


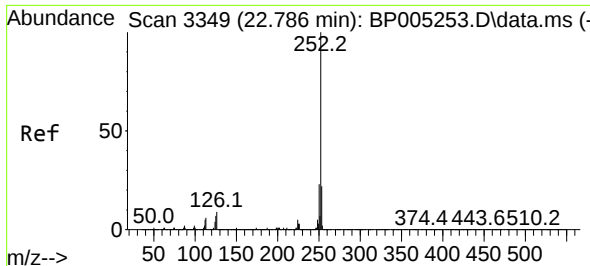
#87
Indeno(1,2,3-cd)pyrene
Concen: 9.71 ng
RT: 25.804 min Scan# 3862
Delta R.T. -0.006 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15



Tgt Ion: 276 Resp: 146470

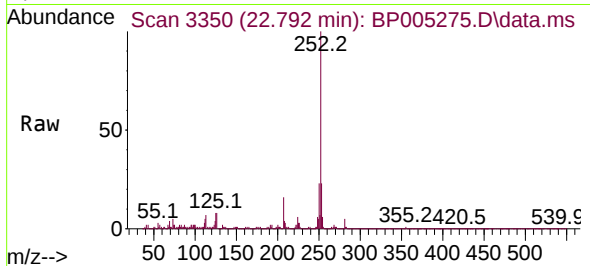
Ion	Ratio	Lower	Upper
276	100		
138	14.9	18.7	28.1#
277	25.3	20.4	30.6





#88
Benzo(b)fluoranthene
Concen: 24.08 ng
RT: 22.792 min Scan# 3350
Delta R.T. 0.006 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

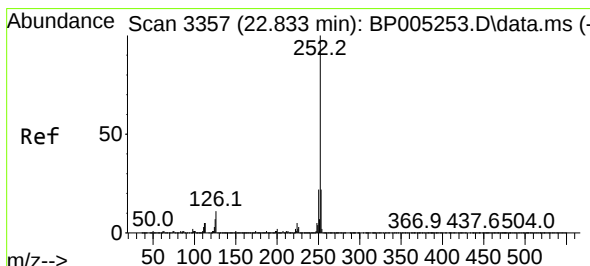
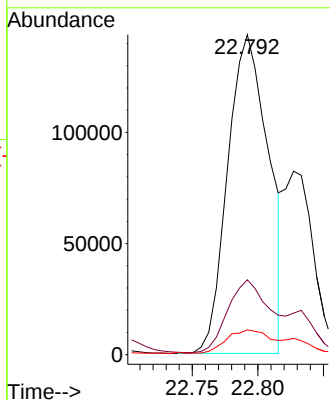
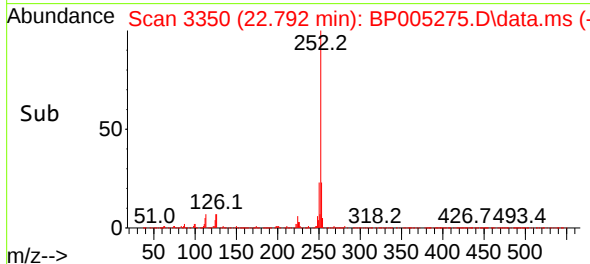
Instrument :
BNA_P
ClientSampleId :
801-675



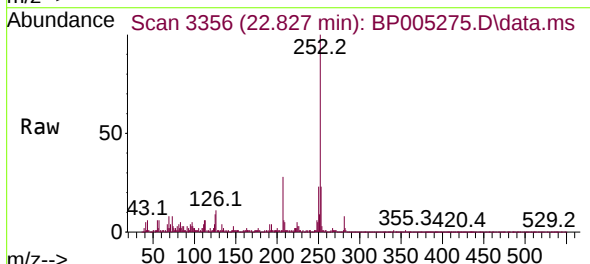
Tgt Ion:252 Resp: 310987
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 7.8 7.3 10.9

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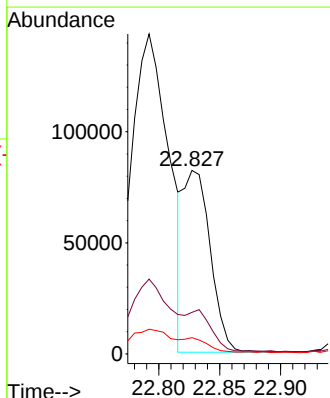
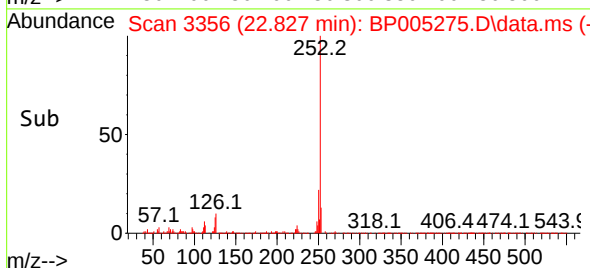
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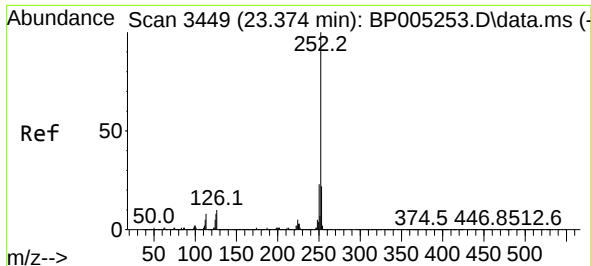


#89
Benzo(k)fluoranthene
Concen: 10.17 ng m
RT: 22.827 min Scan# 3356
Delta R.T. -0.006 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15



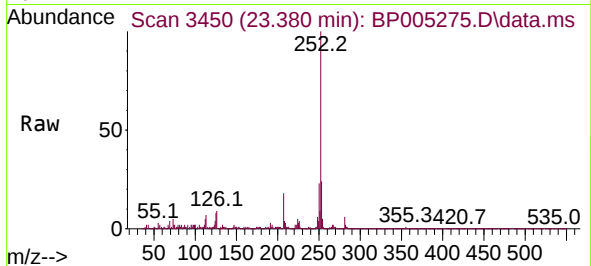
Tgt Ion:252 Resp: 125931
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 8.9 7.4 11.2





#90
Benzo(a)pyrene
Concen: 20.07 ng
RT: 23.380 min Scan# 3450
Delta R.T. 0.006 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15

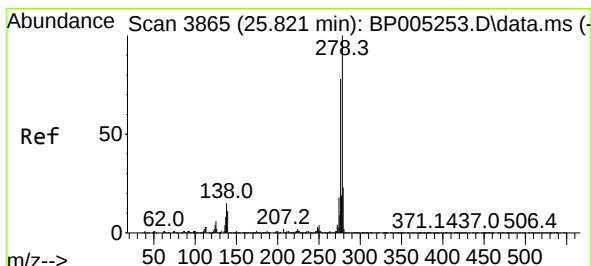
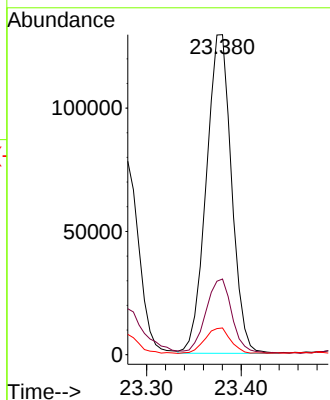
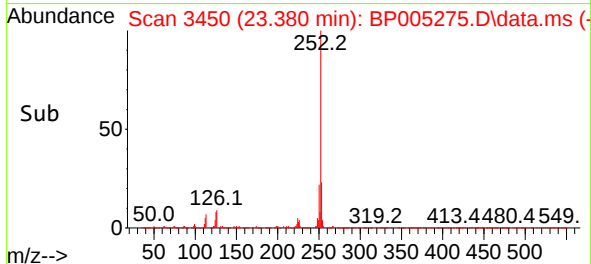
Instrument :
BNA_P
ClientSampled :
801-675



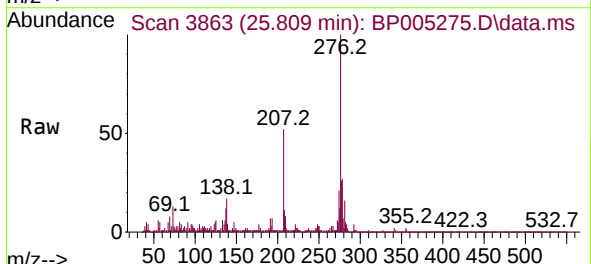
Tgt Ion:252 Resp: 239800
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 8.3 8.2 12.4

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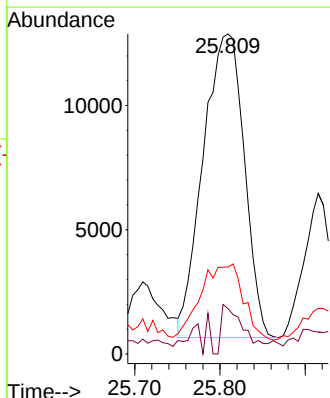
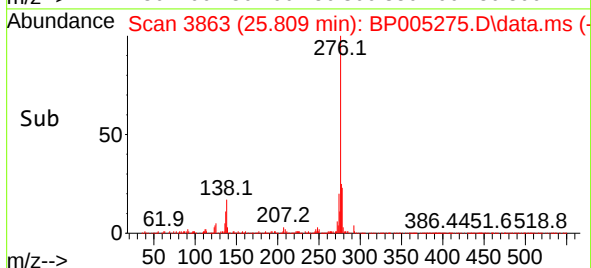
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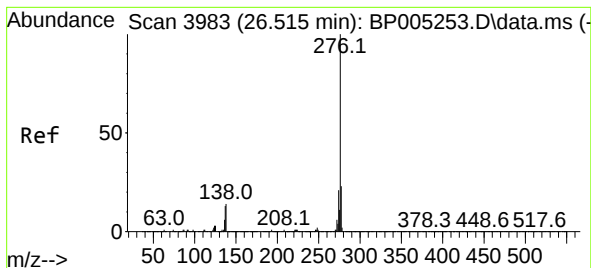


#91
Dibenzo(a,h)anthracene
Concen: 3.12 ng
RT: 25.809 min Scan# 3863
Delta R.T. -0.012 min
Lab File: BP005275.D
Acq: 12 Apr 2021 20:15



Tgt Ion:278 Resp: 40989
Ion Ratio Lower Upper
278 100
139 14.1 12.4 18.6
279 27.2 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 10.81 ng

RT: 26.515 min Scan# 3983

Delta R.T. -0.000 min

Lab File: BP005275.D

Acq: 12 Apr 2021 20:15

Tgt Ion: 276 Resp: 137428

Ion Ratio Lower Upper

276 100

277 25.3 19.0 28.6

138 14.3 16.6 24.8#

Instrument :

BNA_P

ClientSampleId :

801-675

Manual Integrations

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mohammad

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