

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005319.D
 Acq On : 16 Apr 2021 15:24
 Operator : CG/JU
 Sample : M1998-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-5B

Manual Integrations
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mohammad
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Quant Time: Apr 16 16:14:37 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:02:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	31251	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	89731	20.00	ng	0.00
39) Acenaphthene-d10	14.328	164	68264	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	184164	20.00	ng	0.00
76) Chrysene-d12	21.192	240	214317	20.00	ng	0.00
86) Perylene-d12	23.468	264	211467	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	236934	92.44	ng	0.00
7) Phenol-d6	6.852	99	314007	105.93	ng	0.00
23) Nitrobenzene-d5	8.822	82	184804	63.61	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	58310	64.26	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	333780	64.95	ng	0.00
79) Terphenyl-d14	19.669	244	726395	66.95	ng	0.00
Target Compounds						
10) Phenol	6.881	94	503723	169.05	ng	Qvalue 99
71) Phenanthrene	17.134	178	25438	2.31	ng	# 94
75) Fluoranthene	19.116	202	57305	4.43	ng	95
78) Pyrene	19.469	202	67129	5.49	ng	97
81) Benzo(a)anthracene	21.180	228	45039m	3.29	ng	
83) Chrysene	21.233	228	49102	3.63	ng	97
84) Bis(2-ethylhexyl)phtha...	21.104	149	122557	25.05	ng	100
88) Benzo(b)fluoranthene	22.780	252	54392	3.84	ng	# 87
90) Benzo(a)pyrene	23.368	252	40645	3.13	ng	# 89

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

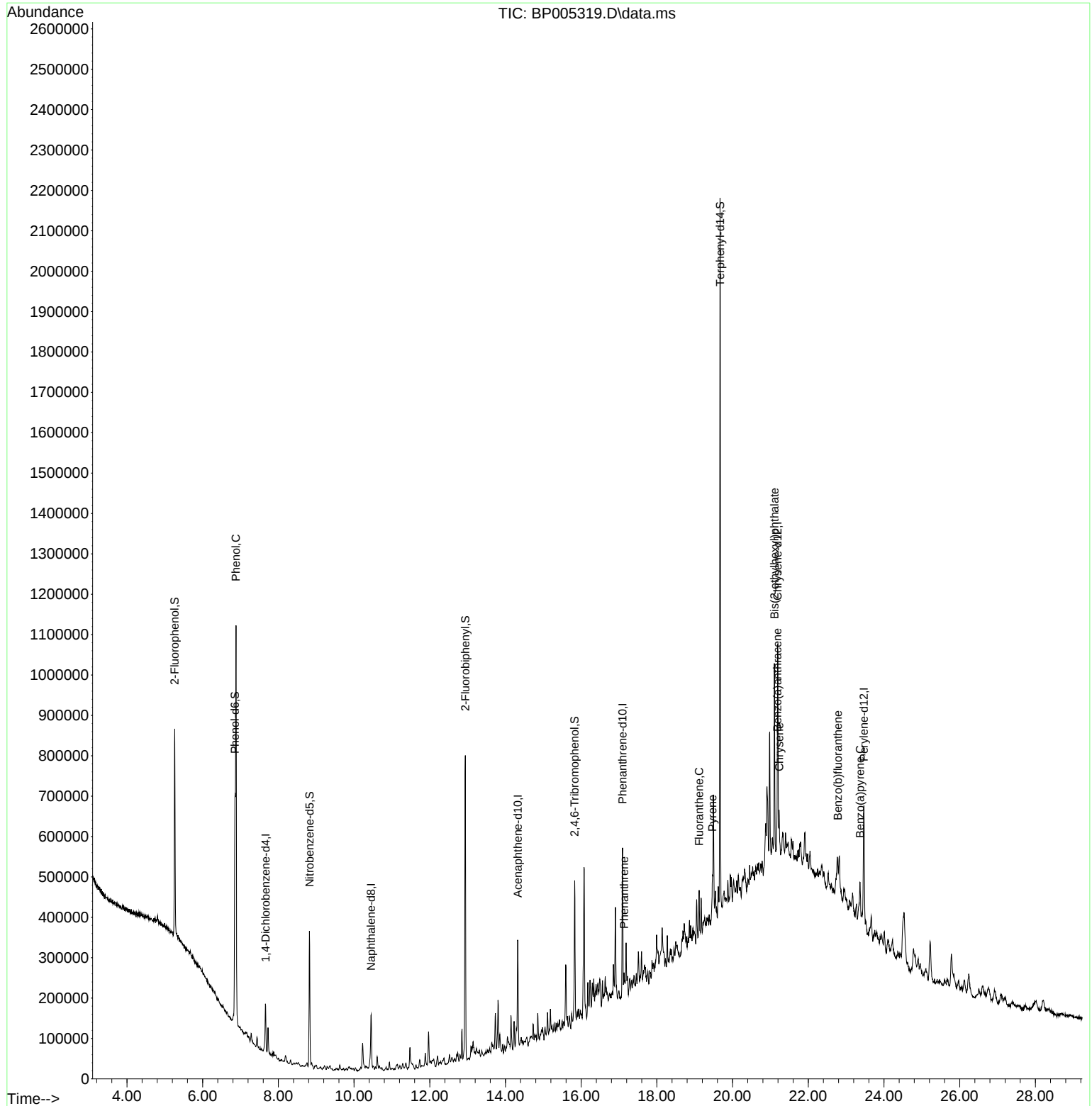
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
Data File : BP005319.D
Acq On : 16 Apr 2021 15:24
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

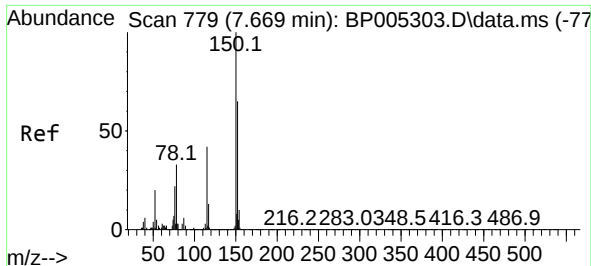
Instrument :
BNA_P
ClientSampleId :
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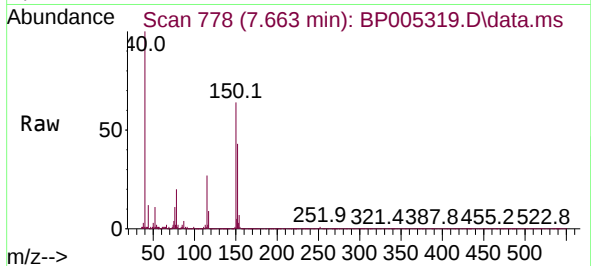
Quant Time: Apr 16 16:14:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 11:02:58 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

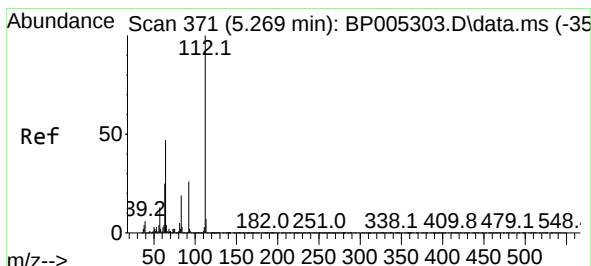
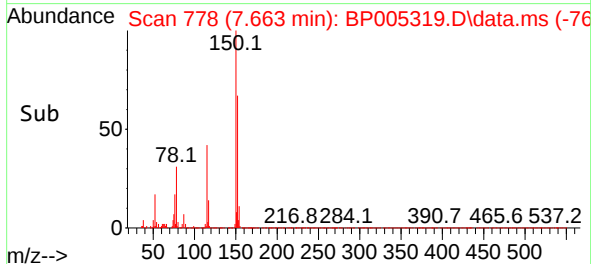
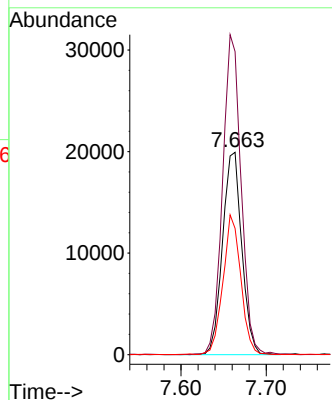
Instrument :
BNA_P
ClientSampleId :
SB-5B



Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.7	122.9	184.3
115	62.3	52.2	78.2

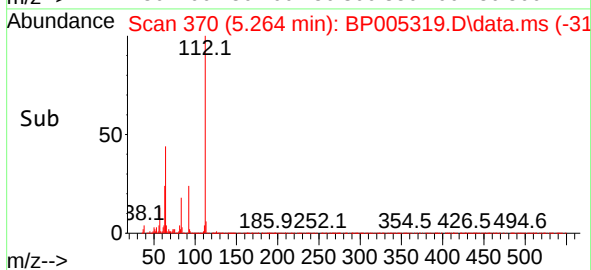
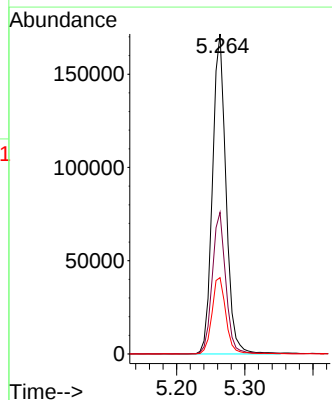
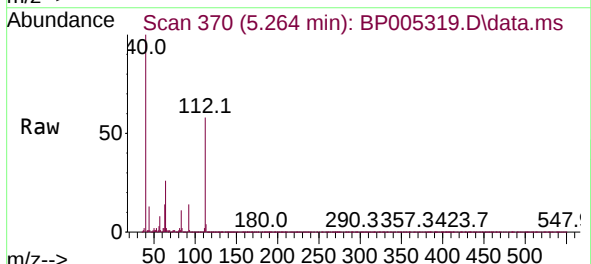
Manual Integrations
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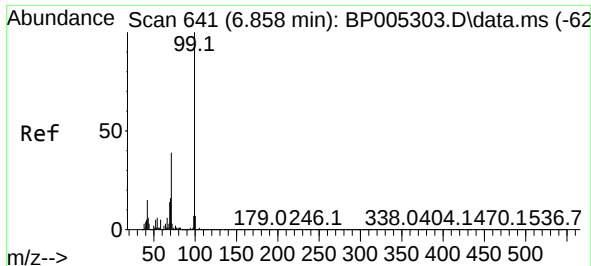
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#5
2-Fluorophenol
Concen: 92.44 ng
RT: 5.264 min Scan# 370
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

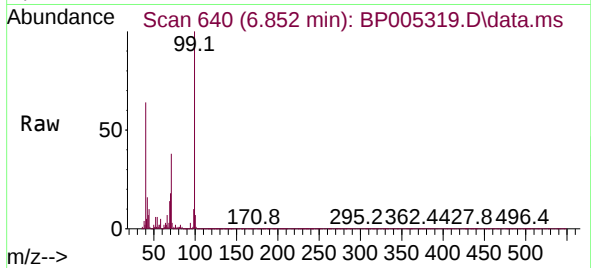
Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	37.6	56.4
63	23.8	20.4	30.6





#7
Phenol-d6
Concen: 105.93 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

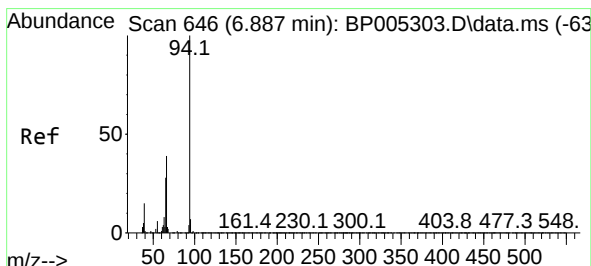
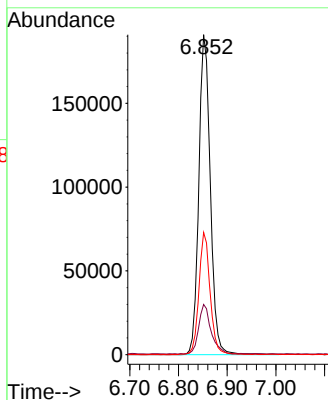
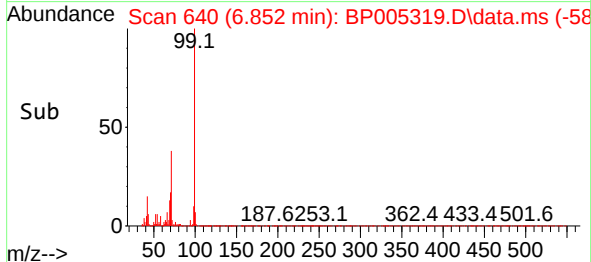
Instrument :
BNA_P
ClientSampled :
SB-5B



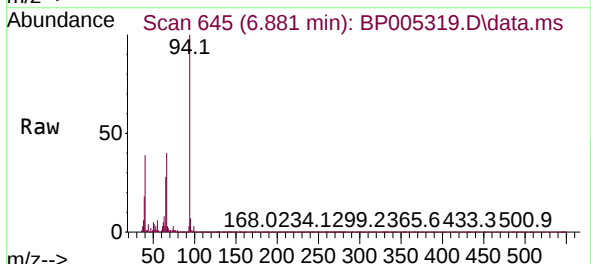
Tgt Ion: 99 Resp: 314007
Ion Ratio Lower Upper
99 100
42 15.7 12.0 18.0
71 38.2 31.4 47.2

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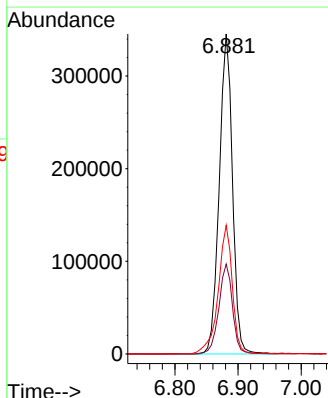
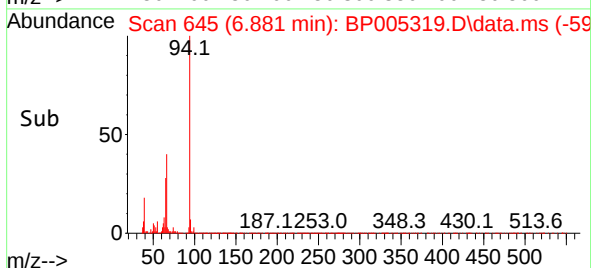
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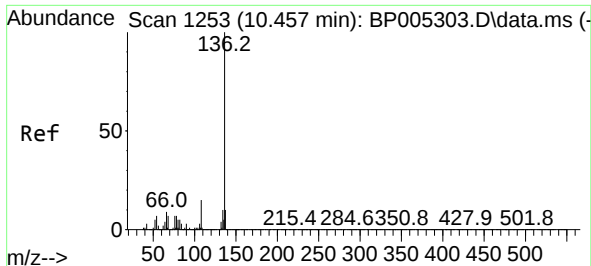


#10
Phenol
Concen: 169.05 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.006 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24



Tgt Ion: 94 Resp: 503723
Ion Ratio Lower Upper
94 100
65 28.1 8.3 48.3
66 40.2 19.4 59.4





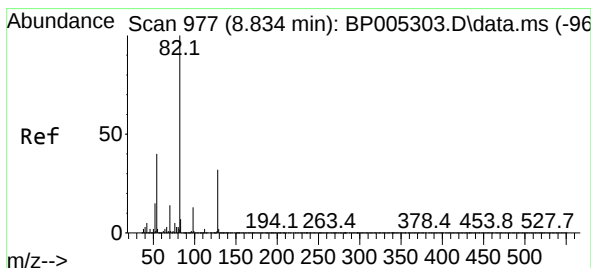
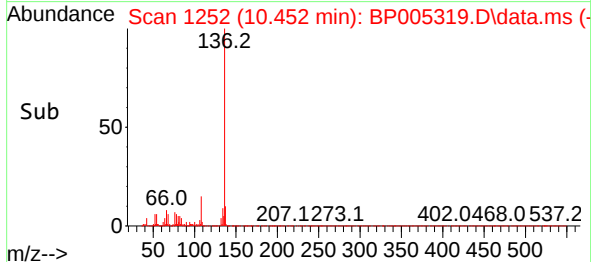
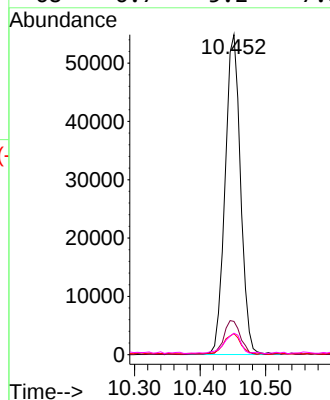
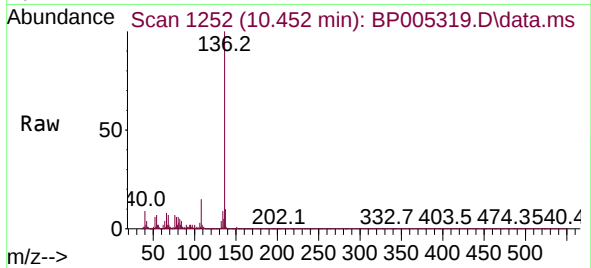
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.452 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

Tgt Ion:	136	Resp:	89731
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.4	12.6
54	6.6	5.8	8.8
68	6.7	5.2	7.8

Instrument :
BNA_P
ClientSampleId :
SB-5B

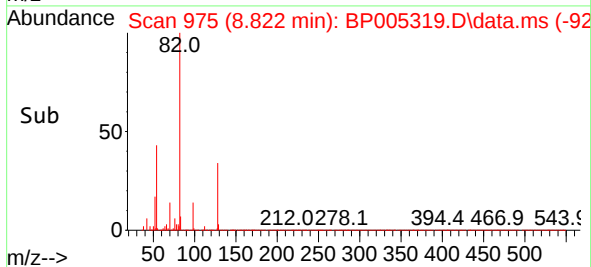
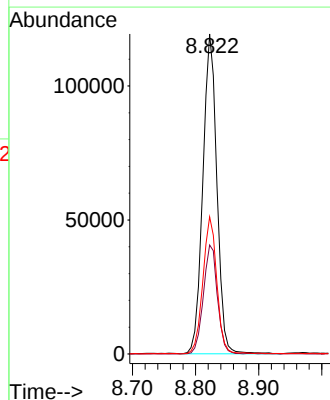
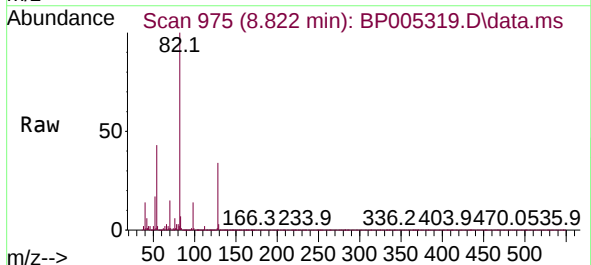
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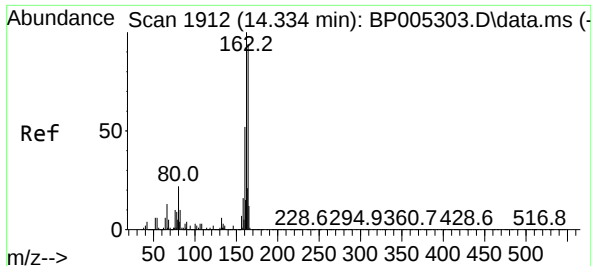
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#23
Nitrobenzene-d5
Concen: 63.61 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

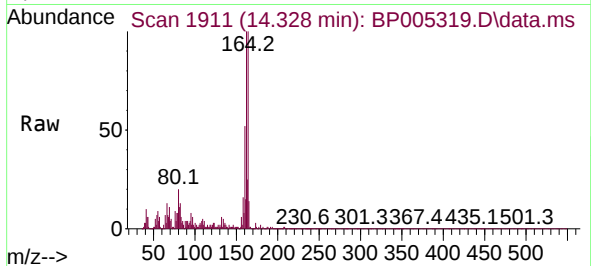
Tgt Ion:	82	Resp:	184804
Ion Ratio	Lower	Upper	
82	100		
128	34.0	25.3	37.9
54	42.9	31.7	47.5





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

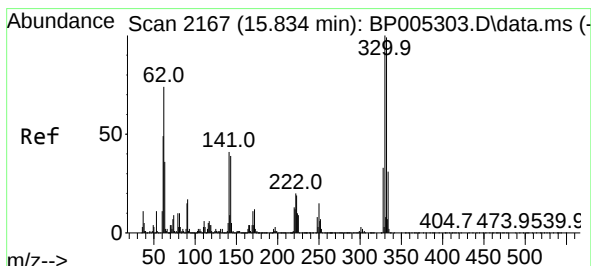
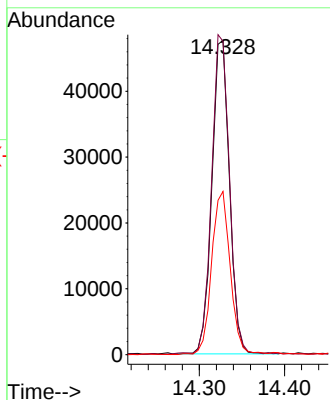
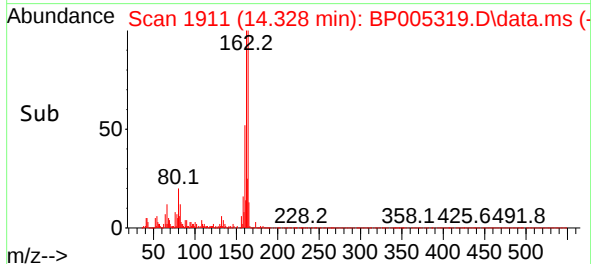
Instrument :
BNA_P
ClientSampled :
SB-5B



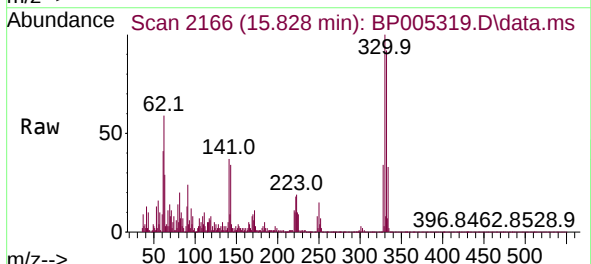
Tgt Ion:164 Resp: 68264
Ion Ratio Lower Upper
164 100
162 99.7 84.8 127.2
160 51.9 44.2 66.4

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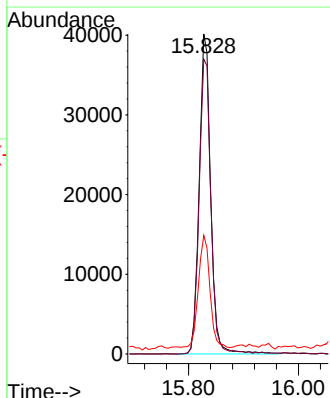
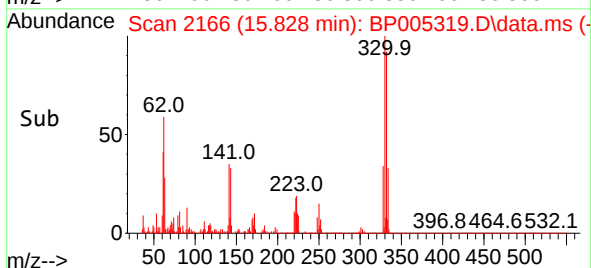
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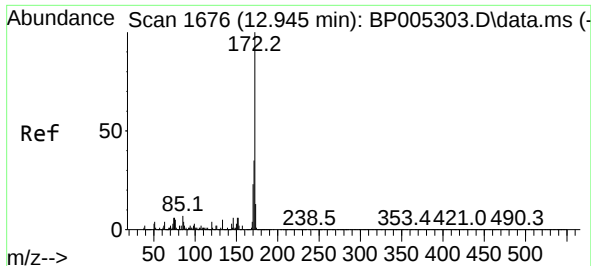


#42
2,4,6-Tribromophenol
Concen: 64.26 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24



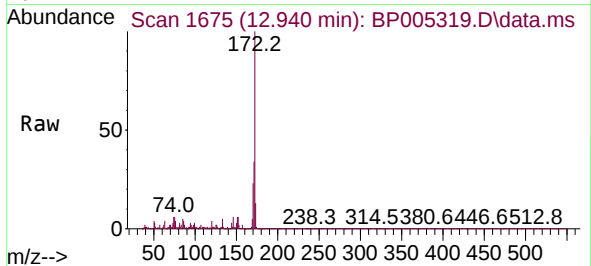
Tgt Ion:330 Resp: 58310
Ion Ratio Lower Upper
330 100
332 93.9 78.6 118.0
141 35.2 31.6 47.4





#45
2-Fluorobiphenyl
Concen: 64.95 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

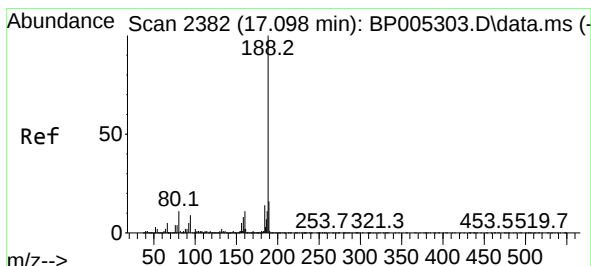
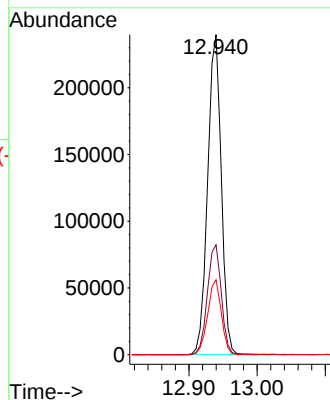
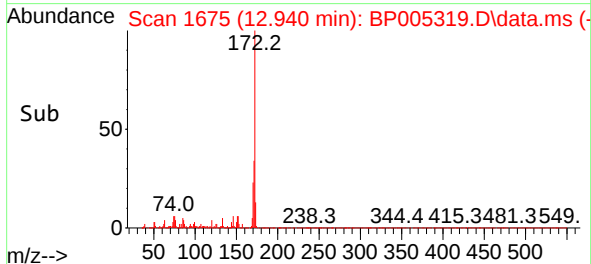
Instrument :
BNA_P
ClientSampleId :
SB-5B



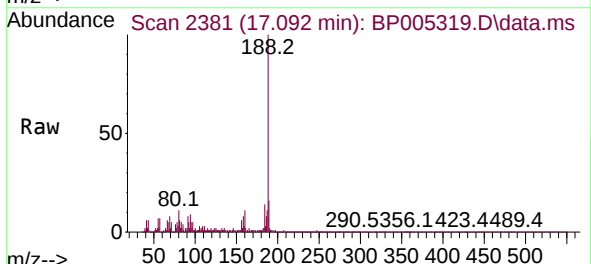
Tgt Ion:172 Resp: 333780
Ion Ratio Lower Upper
172 100
171 34.3 27.8 41.8
170 23.4 18.7 28.1

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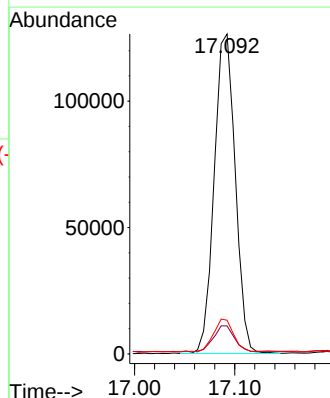
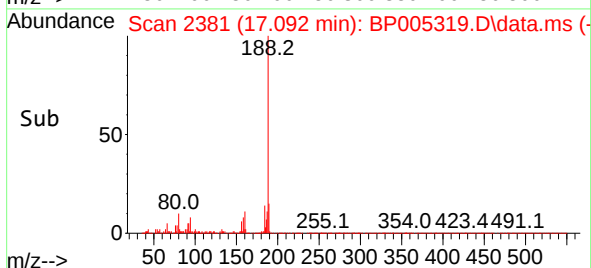
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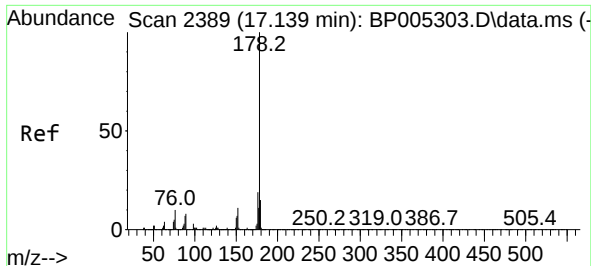


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24



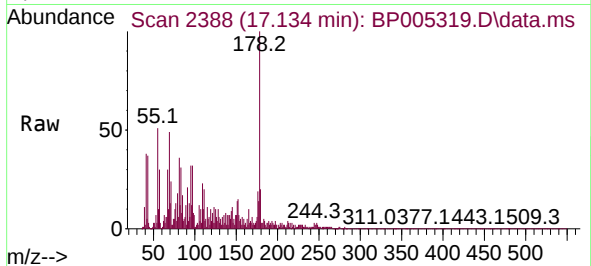
Tgt Ion:188 Resp: 184164
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 10.6 8.4 12.6





#71
Phenanthrene
Concen: 2.31 ng
RT: 17.134 min Scan# 2388
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

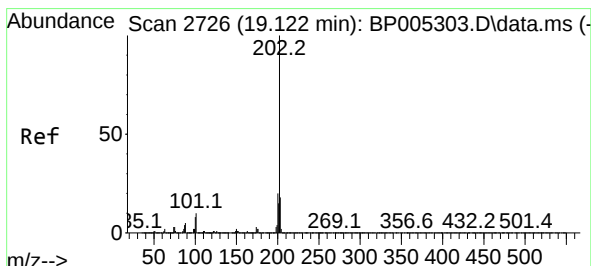
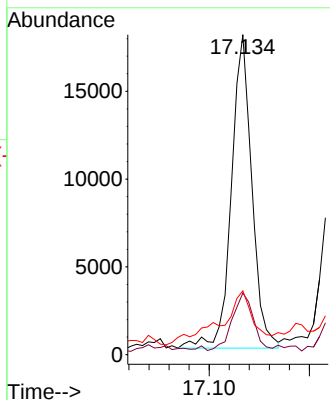
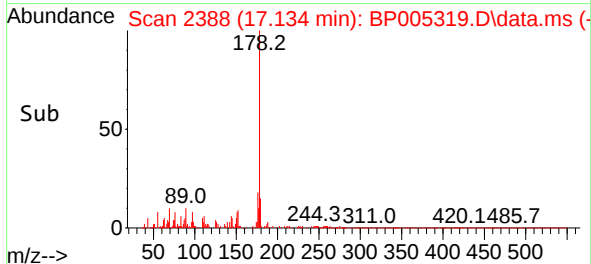
Instrument :
BNA_P
ClientSampled :
SB-5B



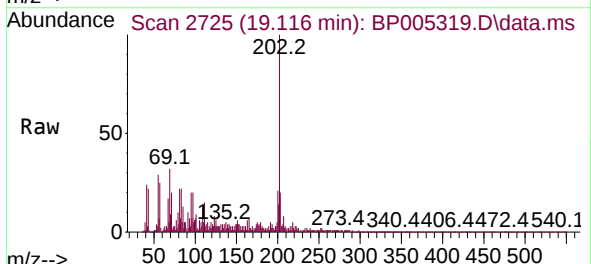
Tgt Ion:178 Resp: 25438
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 19.9 11.8 17.6#

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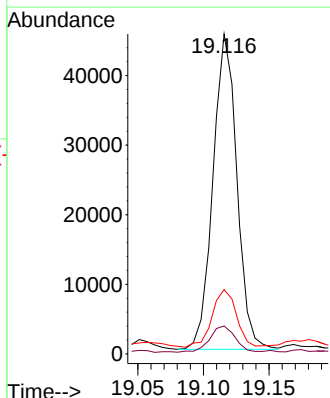
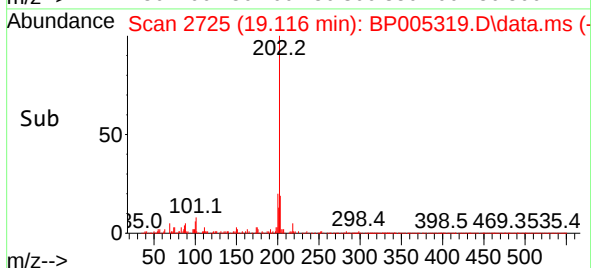
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4/19/2021 11:47:02 AM

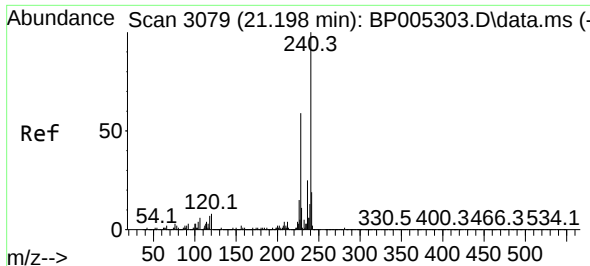


#75
Fluoranthene
Concen: 4.43 ng
RT: 19.116 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24



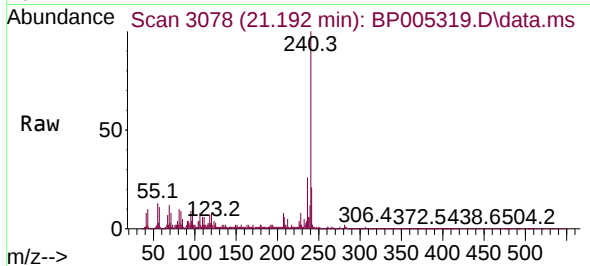
Tgt Ion:202 Resp: 57305
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.6
203 20.1 0.0 37.6





#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

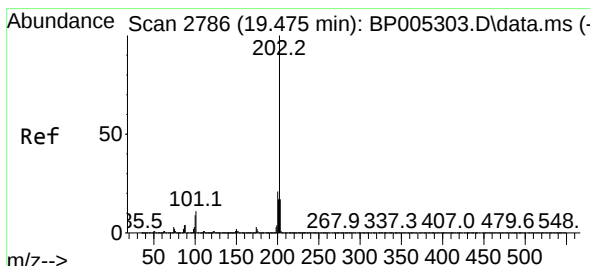
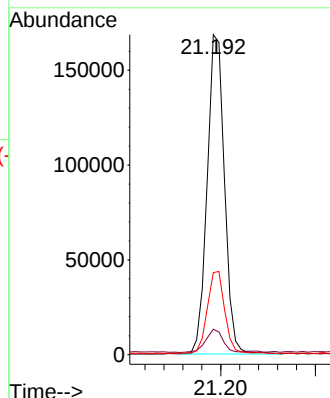
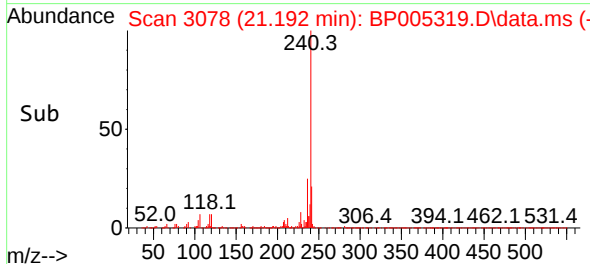
Instrument :
BNA_P
ClientSampled :
SB-5B



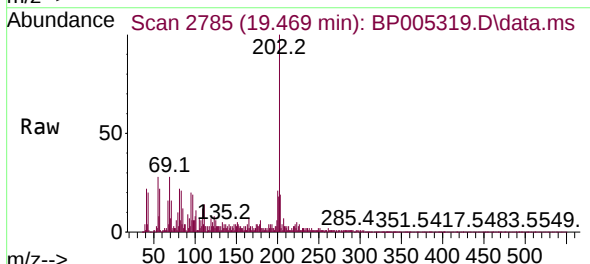
Tgt Ion:240 Resp: 214317
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 25.6 19.8 29.6

Manual Integrations
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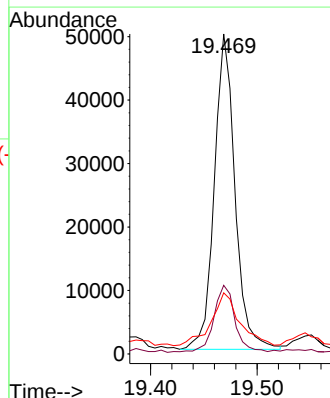
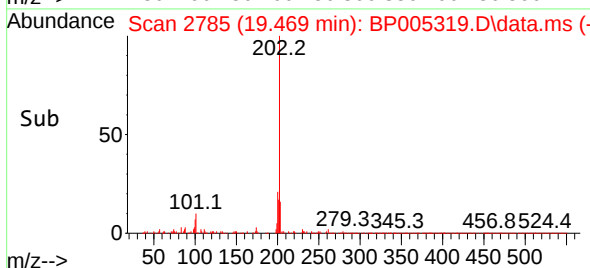
mohammad
4/19/2021 11:47:02 AM

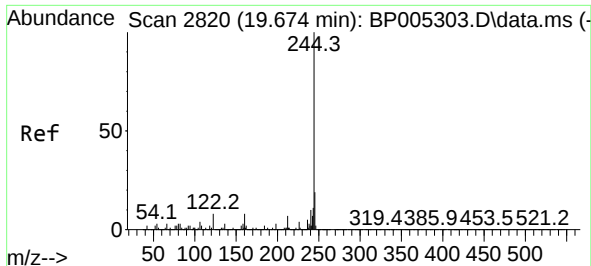


#78
Pyrene
Concen: 5.49 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24



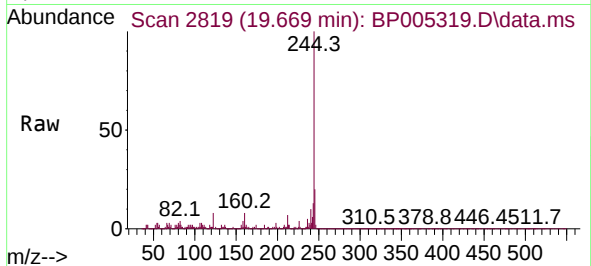
Tgt Ion:202 Resp: 67129
Ion Ratio Lower Upper
202 100
200 21.4 16.5 24.7
203 19.1 13.9 20.9





#79
Terphenyl-d14
Concen: 66.95 ng
RT: 19.669 min Scan# 2819
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

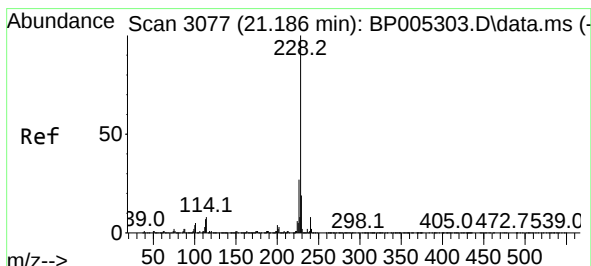
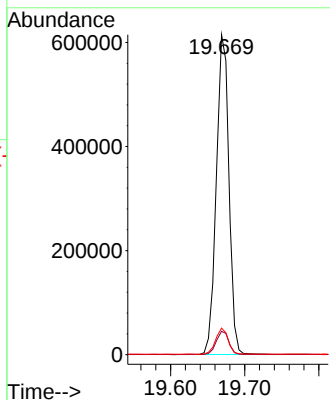
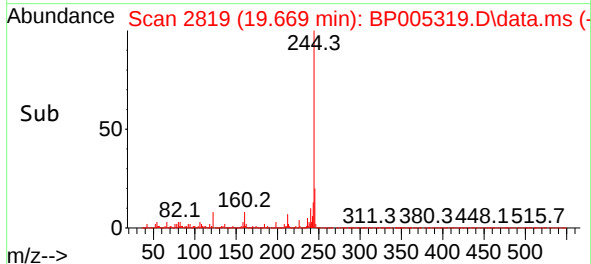
Instrument :
BNA_P
ClientSampled :
SB-5B



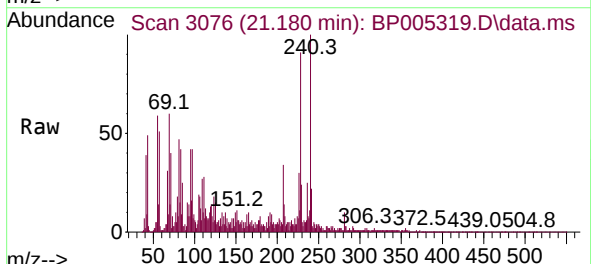
Tgt Ion:244 Resp: 726395
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 8.3 6.7 10.1

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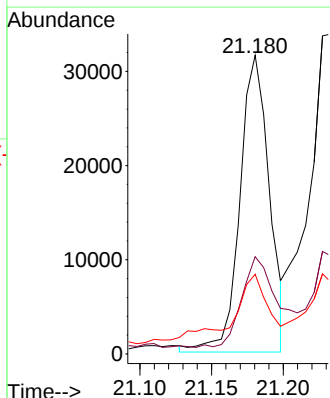
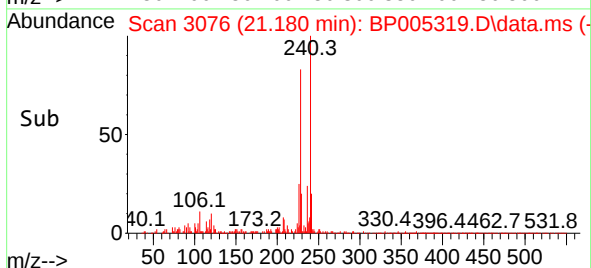
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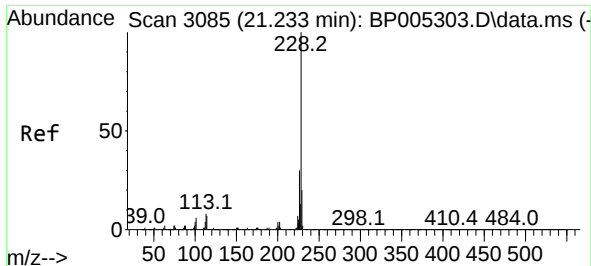


#81
Benzo(a)anthracene
Concen: 3.29 ng m
RT: 21.180 min Scan# 3076
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24



Tgt Ion:228 Resp: 45039
Ion Ratio Lower Upper
228 100
226 32.5 21.5 32.3#
229 26.7 15.6 23.4#





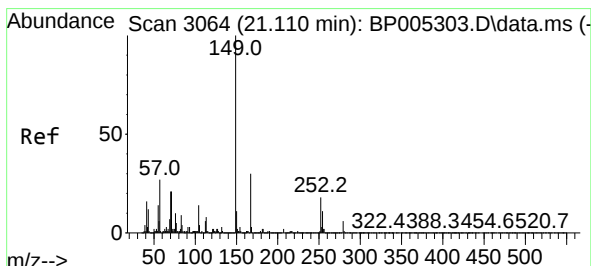
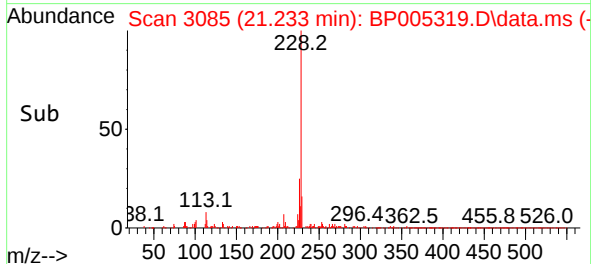
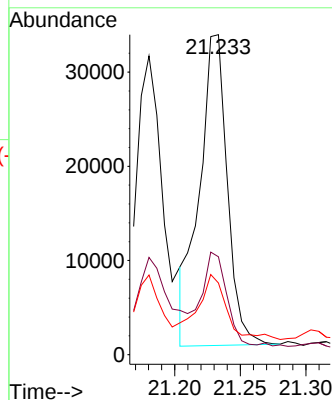
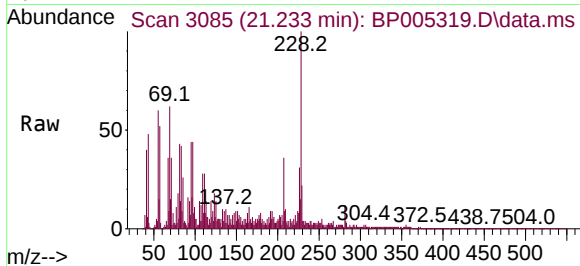
#83
Chrysene
Concen: 3.63 ng
RT: 21.233 min Scan# 3085
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

Tgt Ion	228	226	229
Ratio	100	30.6	22.4
Lower		24.0	15.6
Upper		36.0	23.4

Instrument :
BNA_P
ClientSampled :
SB-5B

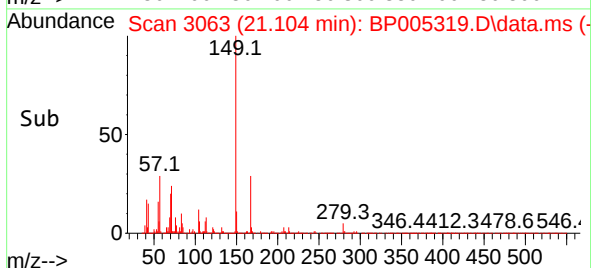
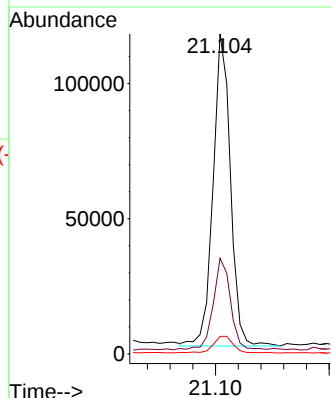
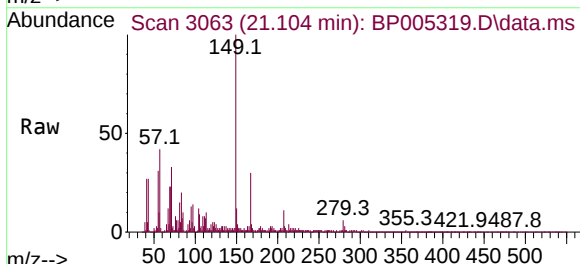
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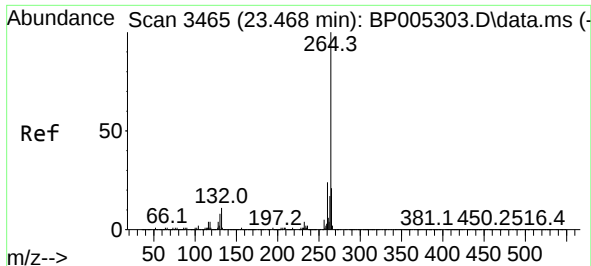
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#84
Bis(2-ethylhexyl)phthalate
Concen: 25.05 ng
RT: 21.104 min Scan# 3063
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

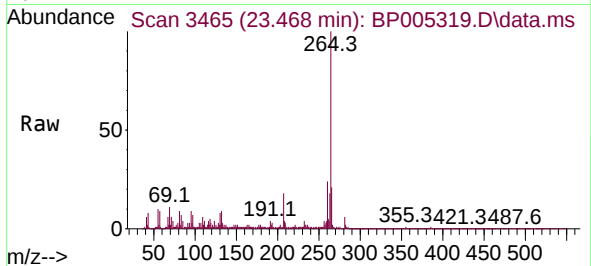
Tgt Ion	149	167	279
Ratio	100	29.9	5.5
Lower		23.8	4.6
Upper		35.8	6.8





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.468 min Scan# 3465
 Delta R.T. 0.006 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24

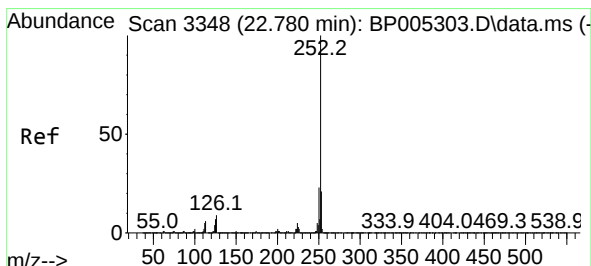
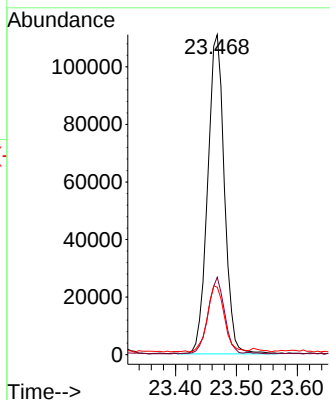
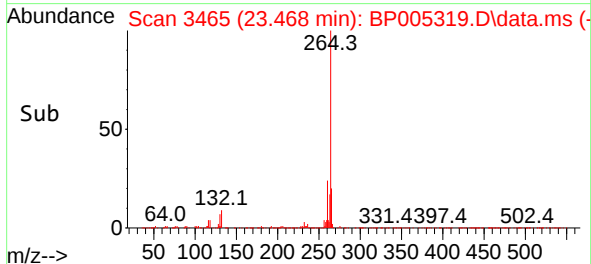
Instrument :
 BNA_P
 ClientSampled :
 SB-5B



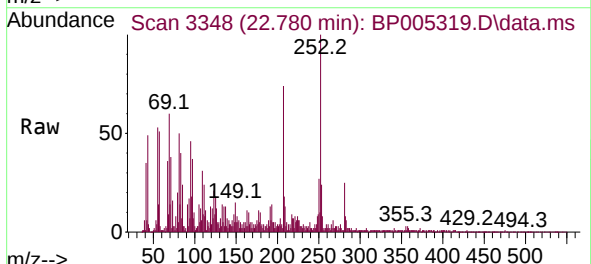
Tgt Ion:264 Resp: 211467
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 21.1 17.0 25.6

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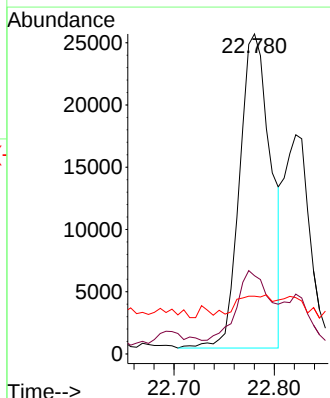
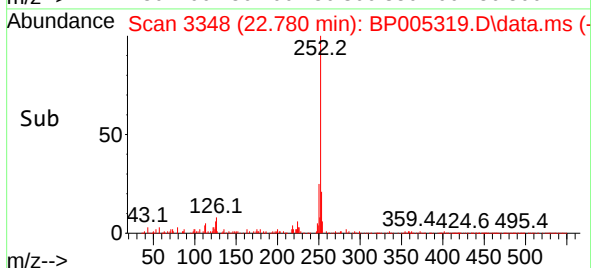
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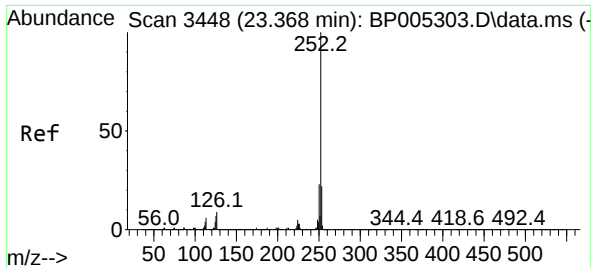


#88
 Benzo(b)fluoranthene
 Concen: 3.84 ng
 RT: 22.780 min Scan# 3348
 Delta R.T. 0.000 min
 Lab File: BP005319.D
 Acq: 16 Apr 2021 15:24



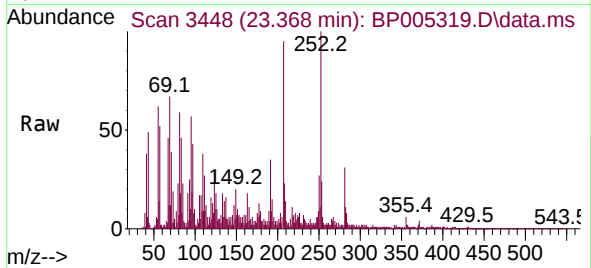
Tgt Ion:252 Resp: 54392
 Ion Ratio Lower Upper
 252 100
 253 24.5 17.1 25.7
 125 18.0 5.3 7.9#





#90
Benzo(a)pyrene
Concen: 3.13 ng
RT: 23.368 min Scan# 3448
Delta R.T. 0.000 min
Lab File: BP005319.D
Acq: 16 Apr 2021 15:24

Instrument :
BNA_P
ClientSampleId :
SB-5B



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	17.6	6.0	9.0#

Manual Integrations
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