

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
 Data File : BP007303.D
 Acq On : 04 Oct 2021 14:05
 Operator : CG/JU
 Sample : M4035-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 286

Quant Time: Oct 04 14:40:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

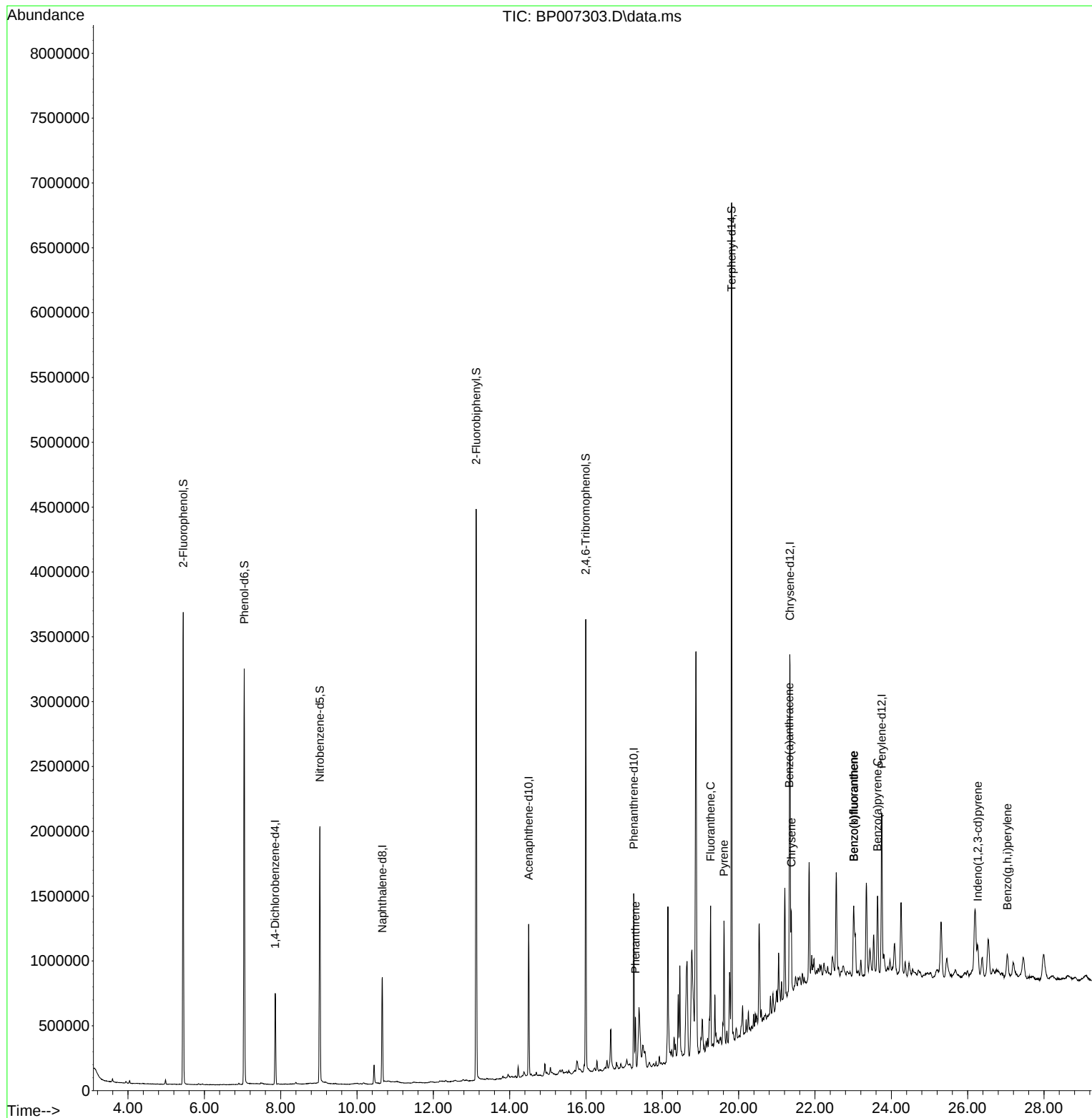
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	194255	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	726143	20.000	ng	# 0.00
39) Acenaphthene-d10	14.498	164	415770	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	802275	20.000	ng	# 0.00
76) Chrysene-d12	21.345	240	769481	20.000	ng	# 0.00
86) Perylene-d12	23.751	264	924297	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1690527	145.677	ng	0.00
7) Phenol-d6	7.046	99	1992287	125.612	ng	0.00
23) Nitrobenzene-d5	9.028	82	1189250	95.377	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	700023	129.868	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2386336	82.226	ng	0.00
79) Terphenyl-d14	19.816	244	2964924	73.836	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.298	178	231534	5.382	ng	99
75) Fluoranthene	19.263	202	584155	11.787	ng	97
78) Pyrene	19.616	202	573361	11.357	ng	99
81) Benzo(a)anthracene	21.327	228	360853	7.225	ng	97
83) Chrysene	21.380	228	333632	6.989	ng	97
87) Indeno(1,2,3-cd)pyrene	26.262	276	242624	3.653	ng	98
88) Benzo(b)fluoranthene	23.016	252	454271	8.224	ng	# 95
89) Benzo(k)fluoranthene	23.016	252	454271	8.123	ng	# 95
90) Benzo(a)pyrene	23.639	252	358609	7.642	ng	# 95
92) Benzo(g,h,i)perylene	27.039	276	229378	4.222	ng	# 92

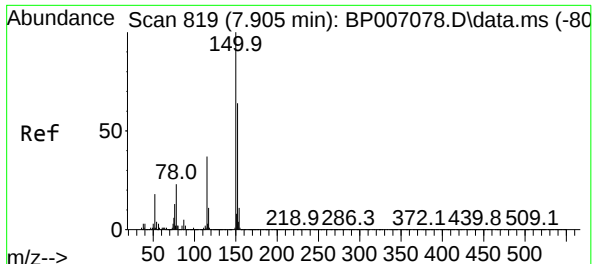
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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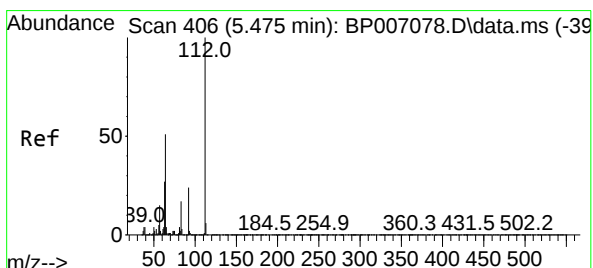
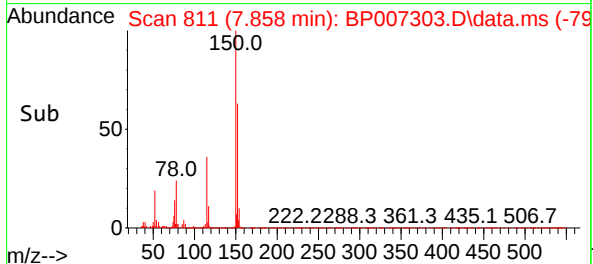
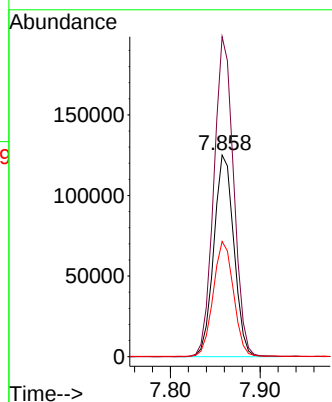
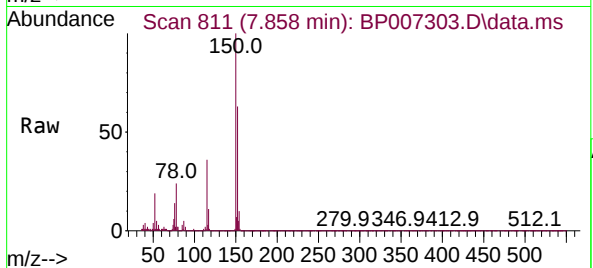




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 811
Delta R.T. -0.005 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

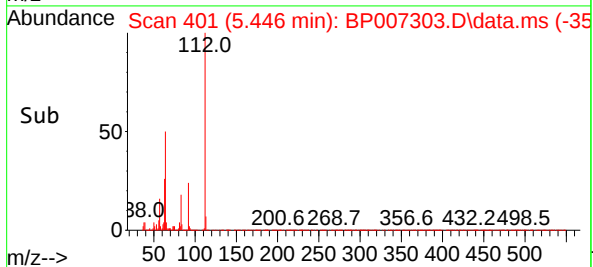
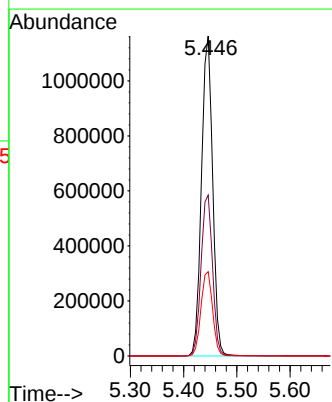
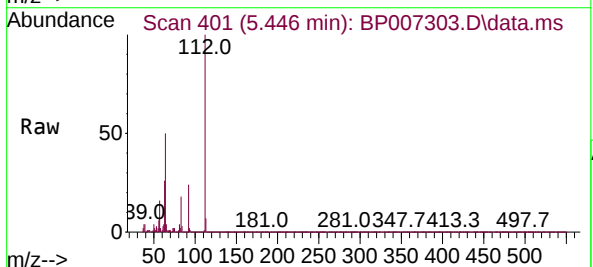
Instrument :
BNA_P
ClientSampleId :
286

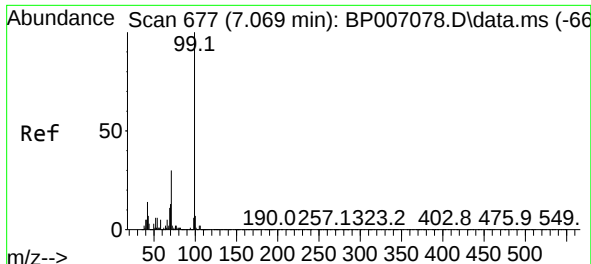
Tgt Ion:152 Resp: 194255
Ion Ratio Lower Upper
152 100
150 158.8 125.6 188.4
115 57.2 48.5 72.7



#5
2-Fluorophenol
Concen: 145.677 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:112 Resp: 1690527
Ion Ratio Lower Upper
112 100
64 50.2 41.4 62.2
63 26.4 23.8 35.8

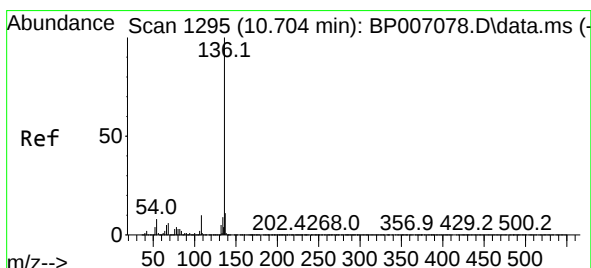
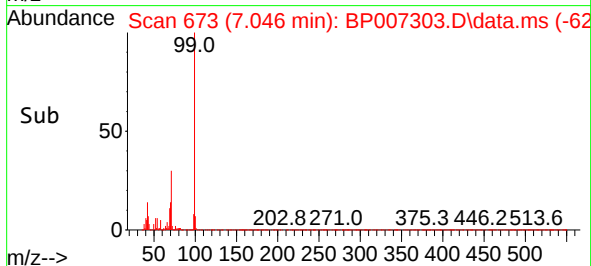
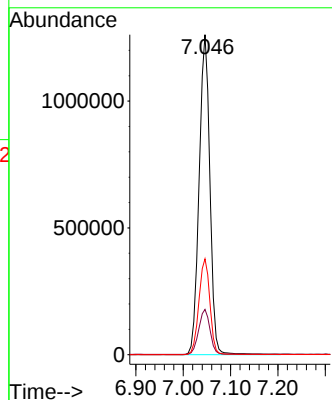
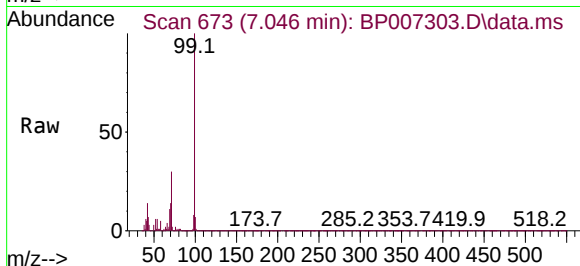




#7
Phenol-d6
Concen: 125.612 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

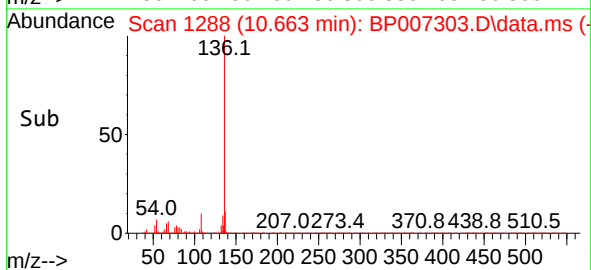
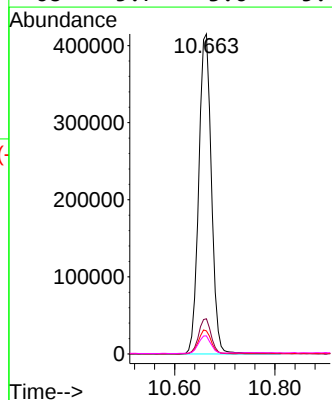
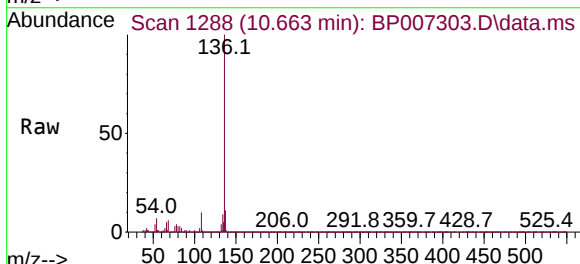
Instrument :
BNA_P
ClientSampleId :
286

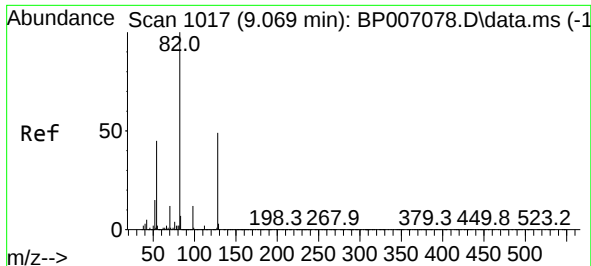
Tgt Ion: 99 Resp: 1992287
Ion Ratio Lower Upper
99 100
42 14.2 13.4 20.0
71 30.0 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:136 Resp: 726143
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.2 4.6 6.8#
68 5.7 3.6 5.4#

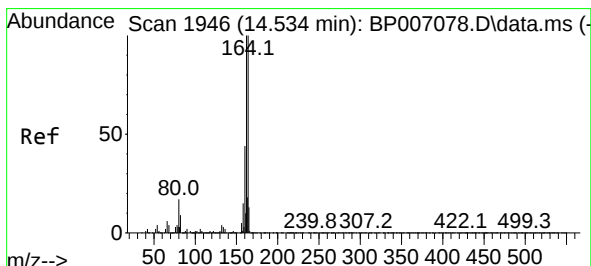
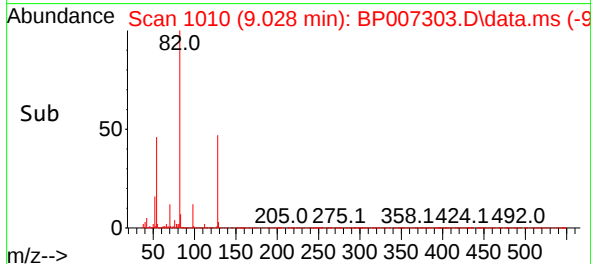
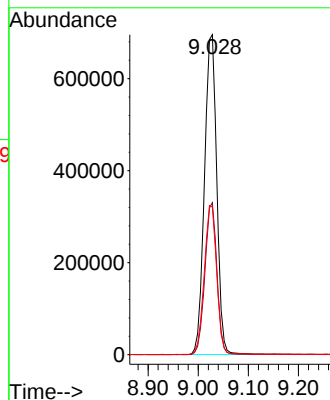
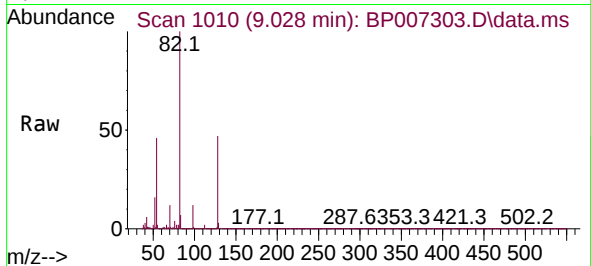




#23
Nitrobenzene-d5
Concen: 95.377 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

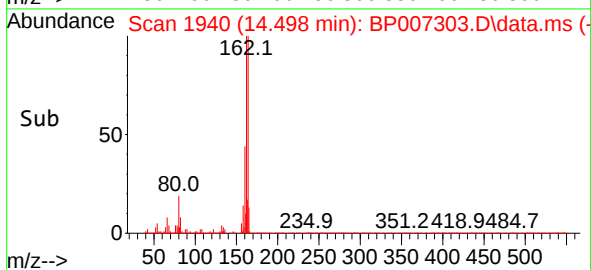
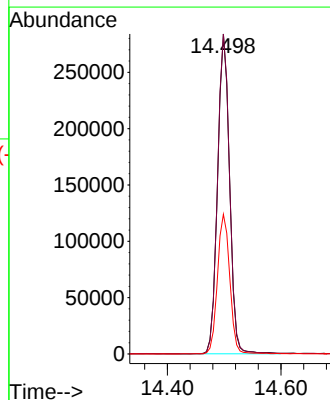
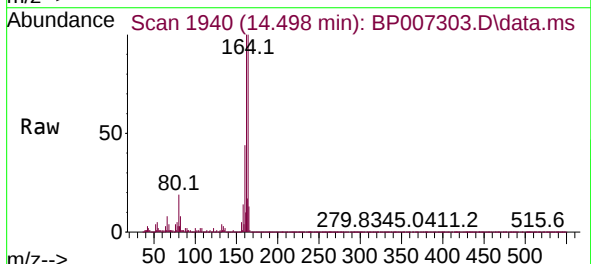
Instrument :
BNA_P
ClientSampleId :
286

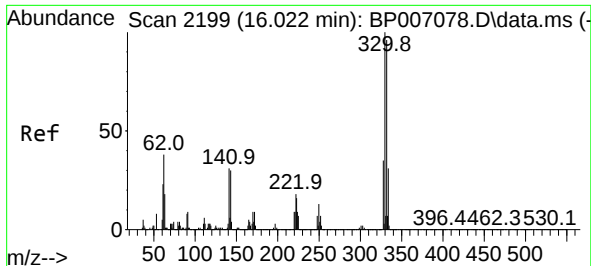
Tgt Ion: 82 Resp: 1189250
Ion Ratio Lower Upper
82 100
128 47.5 35.7 53.5
54 46.2 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:164 Resp: 415770
Ion Ratio Lower Upper
164 100
162 100.0 80.2 120.2
160 43.6 34.5 51.7

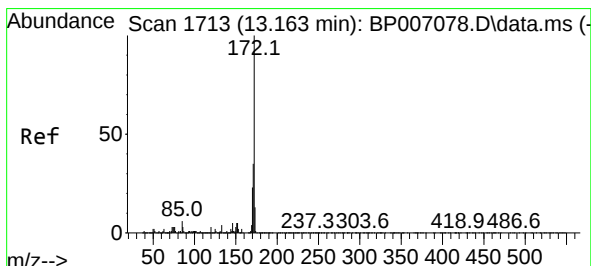
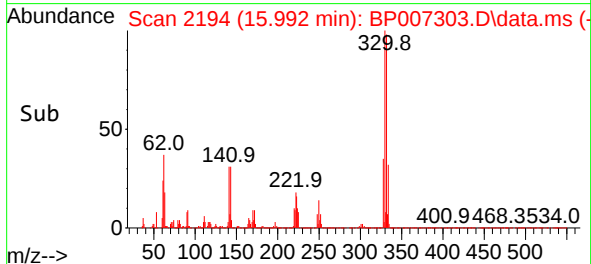
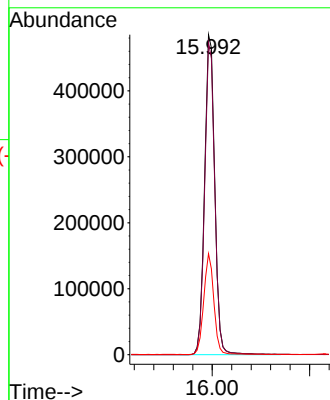
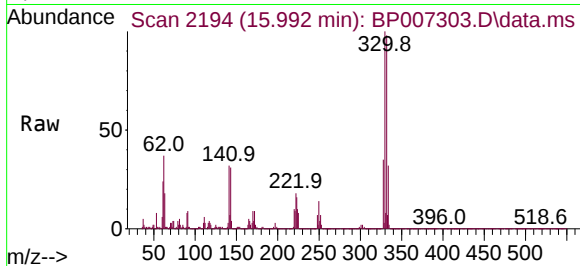




#42
2,4,6-Tribromophenol
Concen: 129.868 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

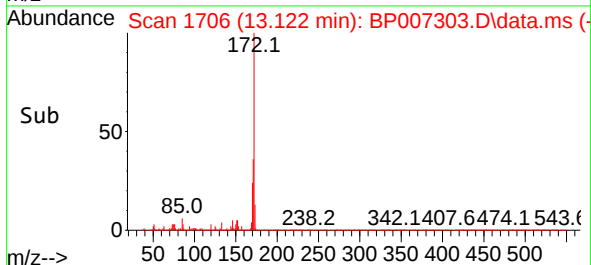
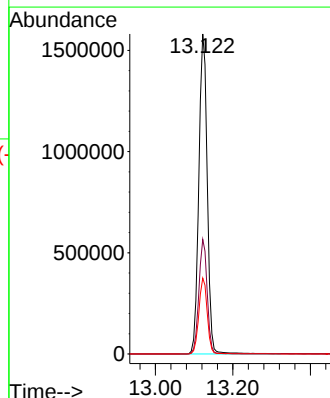
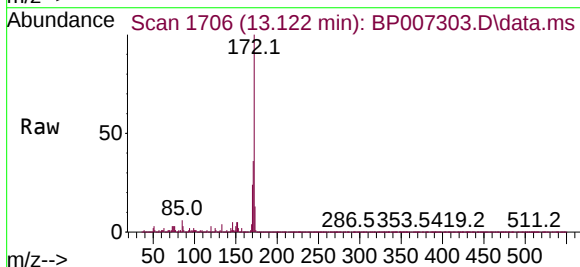
Instrument :
BNA_P
ClientSampleId :
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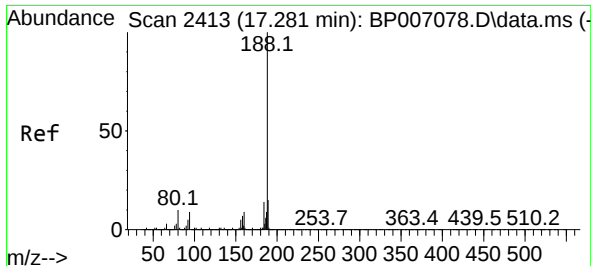
Tgt Ion:330 Resp: 700023
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 31.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 82.226 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:172 Resp: 2386336
Ion Ratio Lower Upper
172 100
171 35.8 27.9 41.9
170 23.7 18.6 27.8

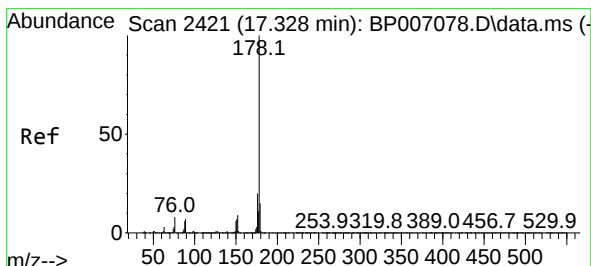
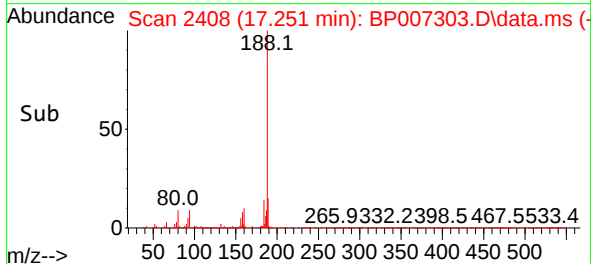
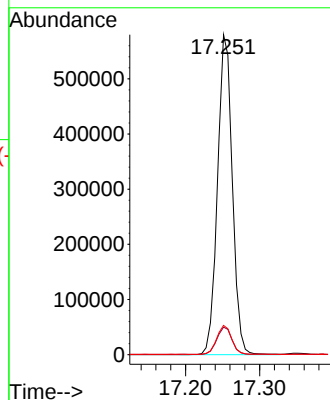
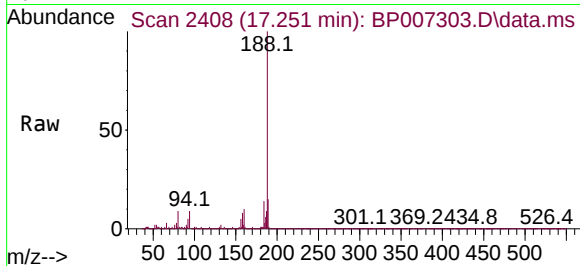




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

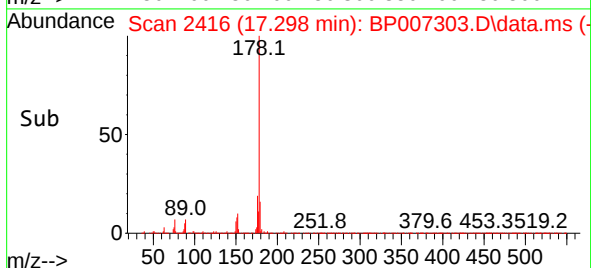
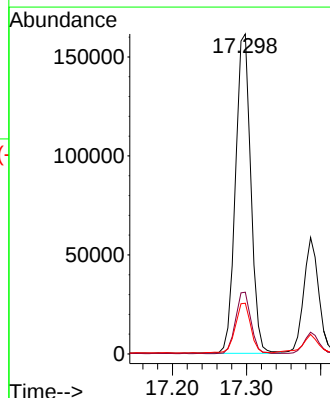
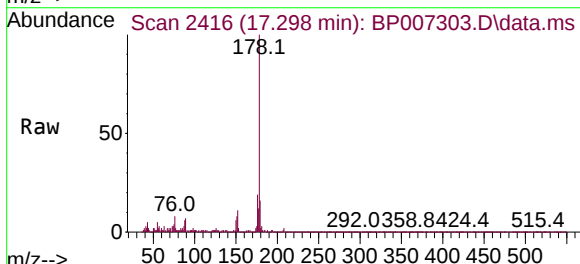
Instrument :
BNA_P
ClientSampled :
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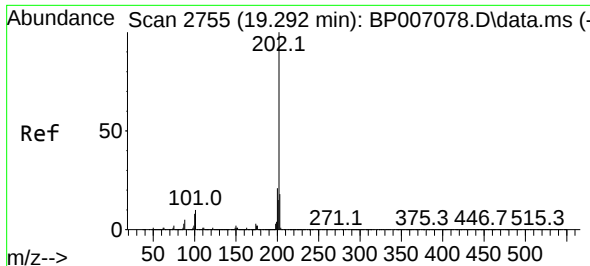
Tgt Ion:188 Resp: 802275
Ion Ratio Lower Upper
188 100
94 8.6 5.6 8.4#
80 9.2 6.3 9.5



#71
Phenanthrene
Concen: 5.382 ng
RT: 17.298 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:178 Resp: 231534
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.9 12.4 18.6

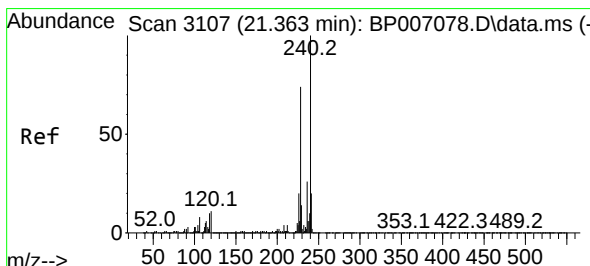
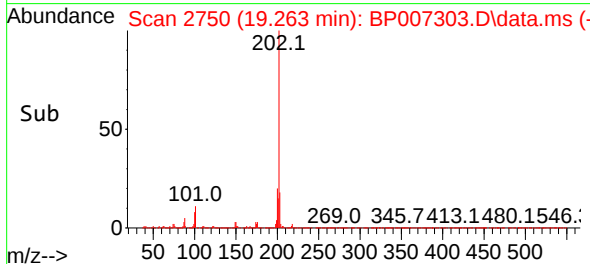
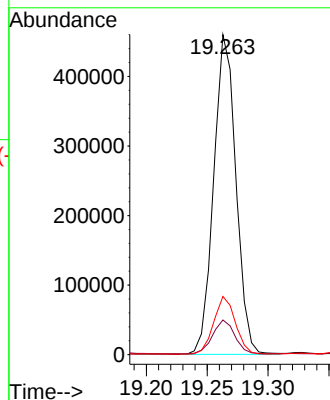
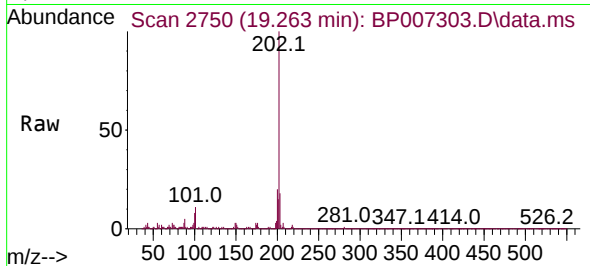




#75
Fluoranthene
Concen: 11.787 ng
RT: 19.263 min Scan# 2750
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

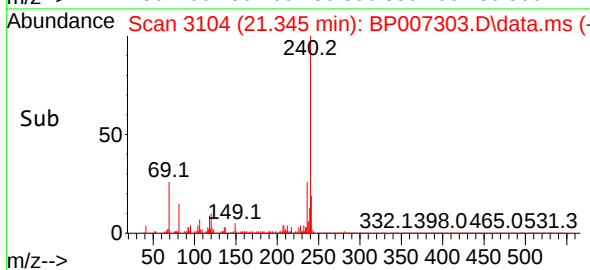
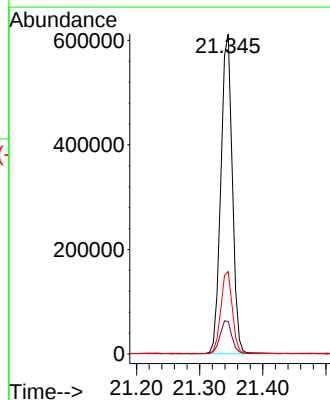
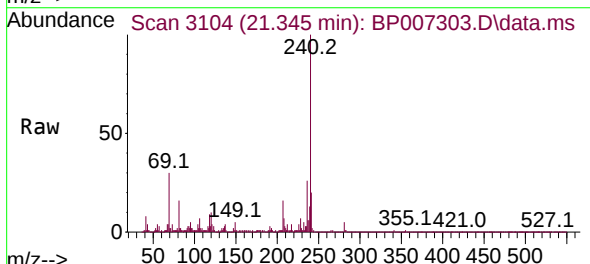
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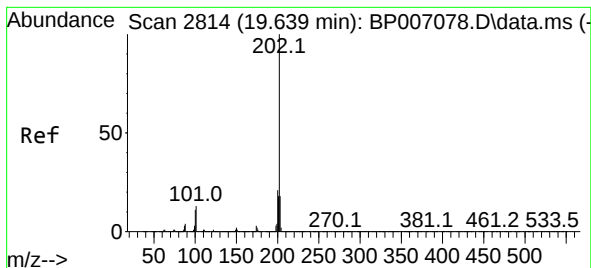
Tgt Ion:	202	Resp:	584155
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	27.6
203	18.2	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3104
Delta R.T. 0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:	240	Resp:	769481
Ion Ratio	Lower	Upper	
240	100		
120	10.1	6.5	9.7#
236	25.8	20.6	31.0





#78

Pyrene

Concen: 11.357 ng

RT: 19.616 min Scan# 2810

Delta R.T. 0.000 min

Lab File: BP007303.D

Acq: 04 Oct 2021 14:05

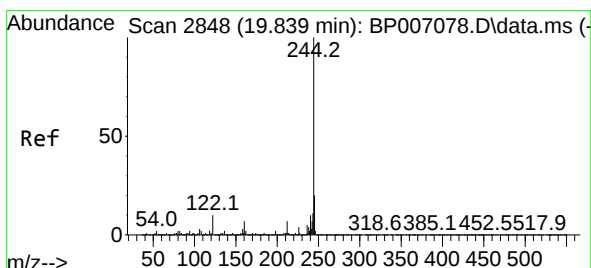
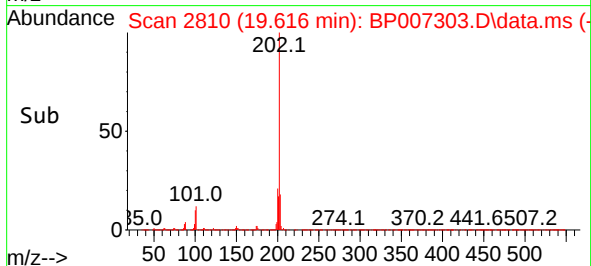
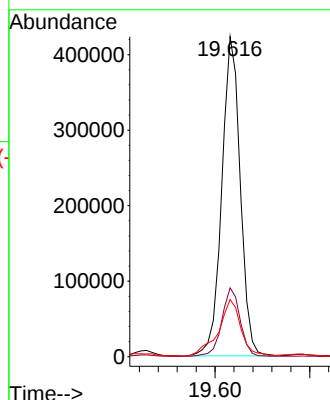
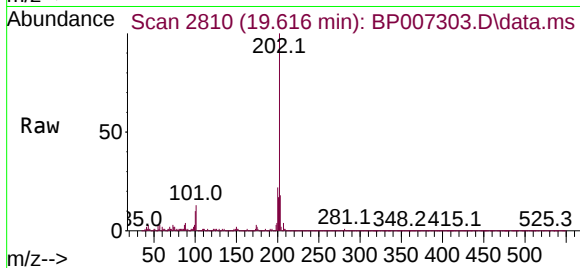
Instrument :

BNA_P

ClientSampleId :

286

Tgt Ion:202	Resp: 573361
Ion Ratio	Lower Upper
202 100	
200 21.5	16.3 24.5
203 17.9	14.2 21.2



#79

Terphenyl-d14

Concen: 73.836 ng

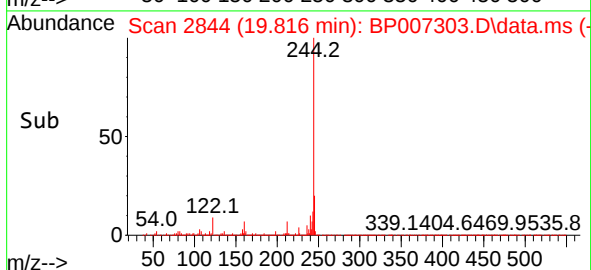
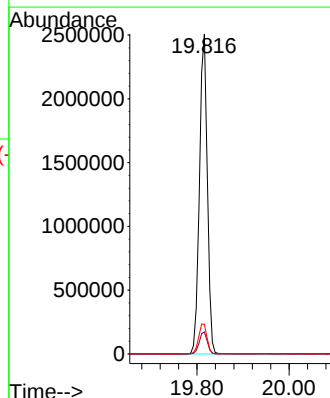
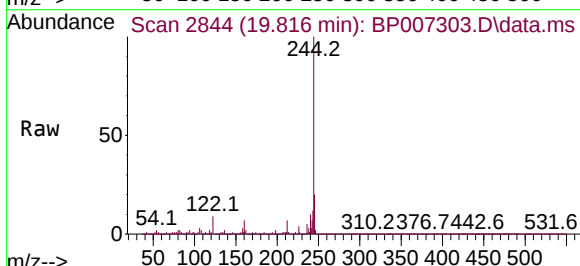
RT: 19.816 min Scan# 2844

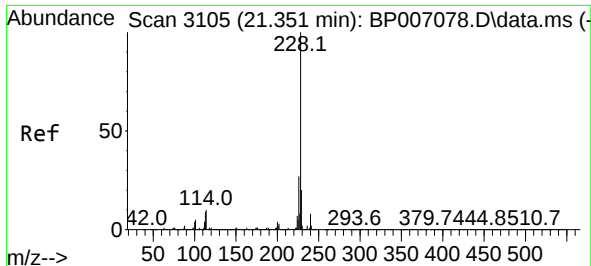
Delta R.T. 0.006 min

Lab File: BP007303.D

Acq: 04 Oct 2021 14:05

Tgt Ion:244	Resp: 2964924
Ion Ratio	Lower Upper
244 100	
212 6.9	6.0 9.0
122 9.3	7.1 10.7

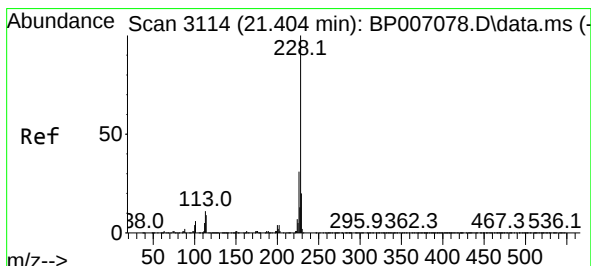
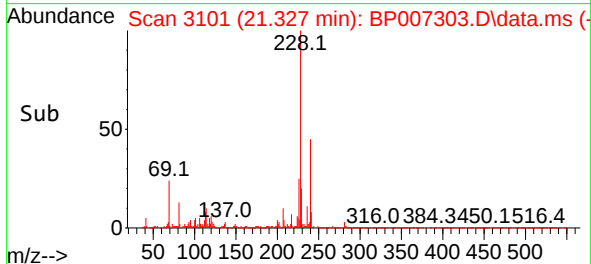
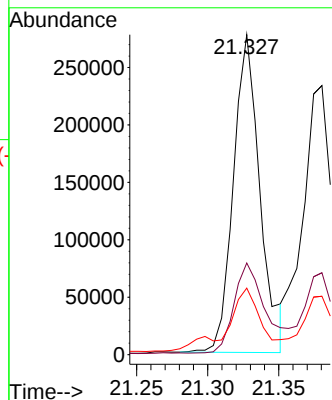
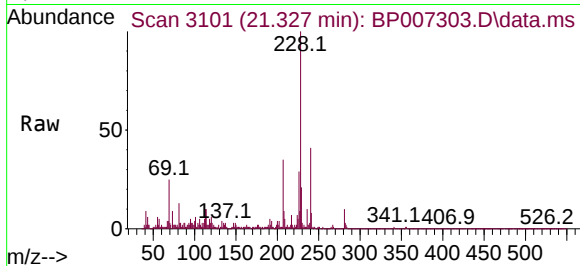




#81
Benzo(a)anthracene
Concen: 7.225 ng
RT: 21.327 min Scan# 3101
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

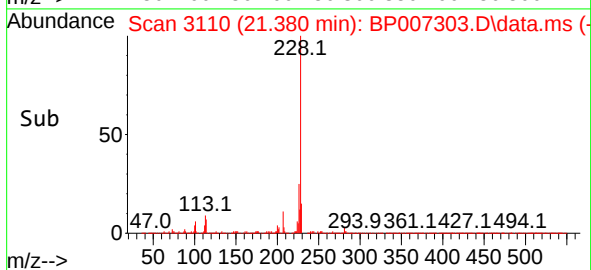
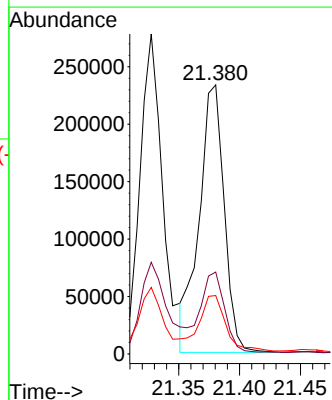
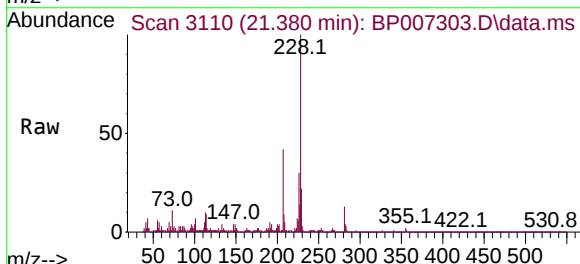
Instrument :
BNA_P
ClientSampled :
286

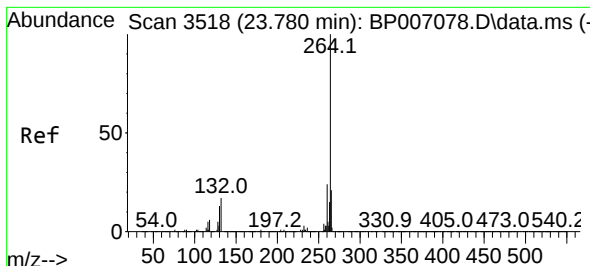
Tgt Ion:228 Resp: 360853
Ion Ratio Lower Upper
228 100
226 28.7 21.6 32.4
229 20.8 15.8 23.6



#83
Chrysene
Concen: 6.989 ng
RT: 21.380 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:228 Resp: 333632
Ion Ratio Lower Upper
228 100
226 30.4 23.8 35.6
229 21.7 15.4 23.2

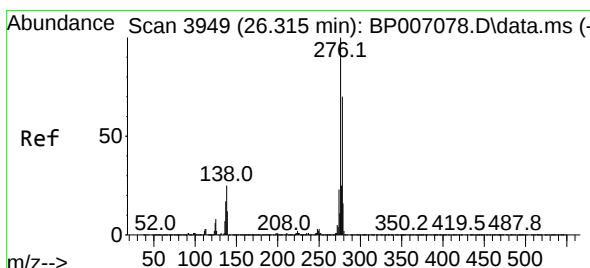
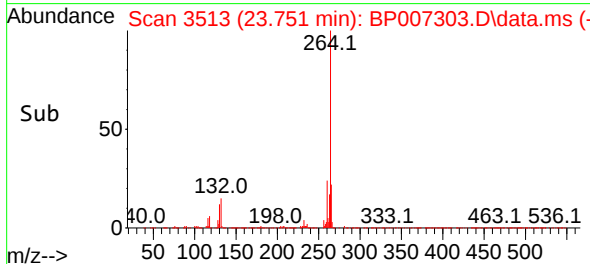
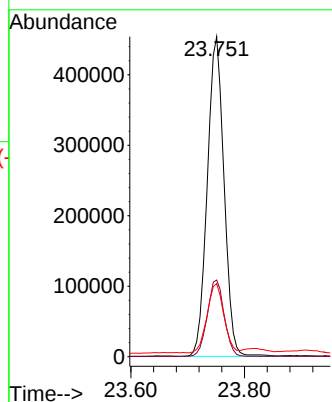
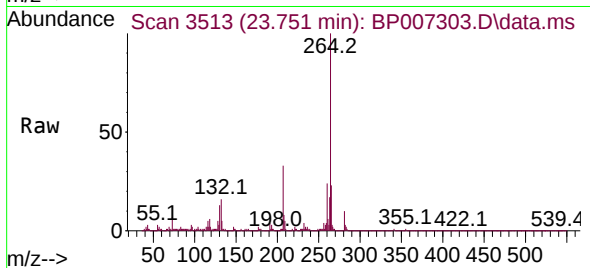




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 3513
Delta R.T. 0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

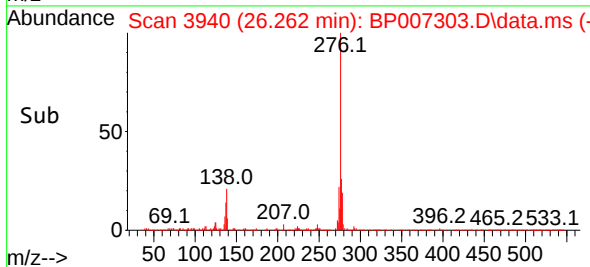
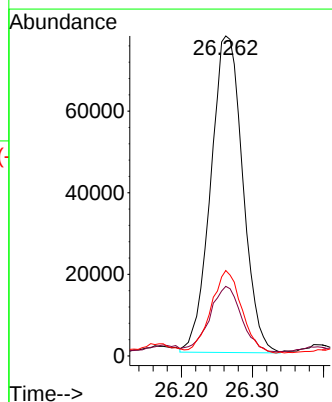
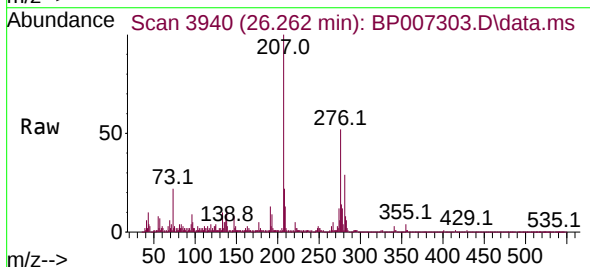
Instrument :
BNA_P
ClientSampled :
286

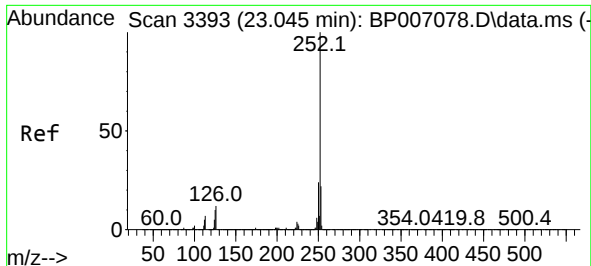
Tgt Ion:264 Resp: 924297
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.8 17.6 26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.653 ng
RT: 26.262 min Scan# 3940
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:276 Resp: 242624
Ion Ratio Lower Upper
276 100
138 20.4 15.3 22.9
277 25.0 20.4 30.6

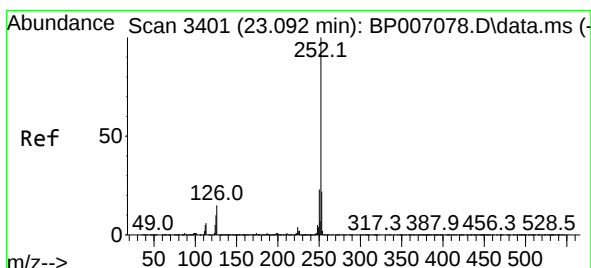
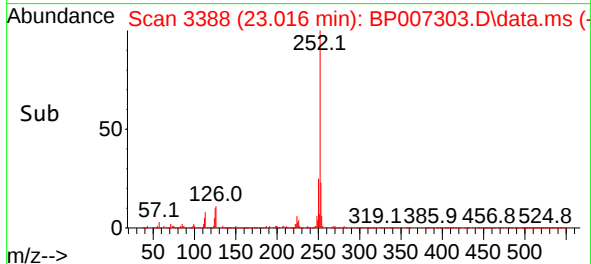
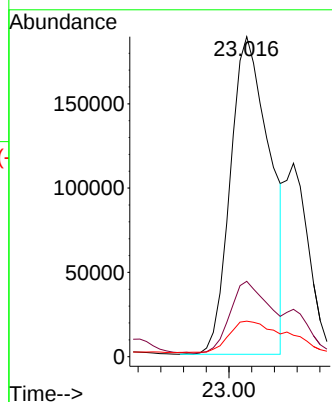
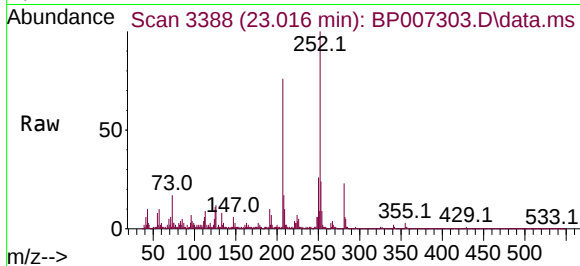




#88
Benzo(b)fluoranthene
Concen: 8.224 ng
RT: 23.016 min Scan# 3388
Delta R.T. 0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

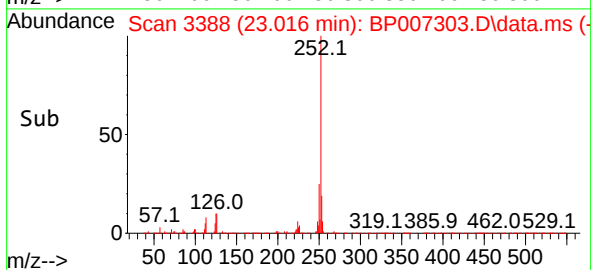
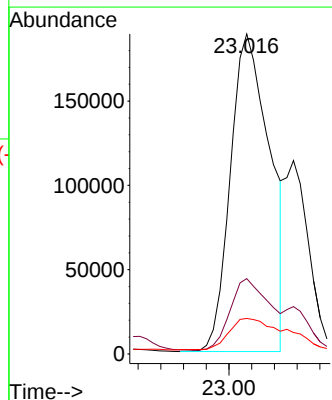
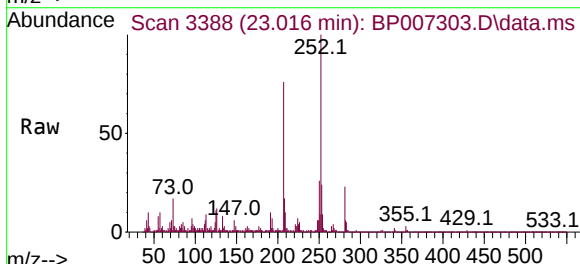
Instrument :
BNA_P
ClientSampled :
286

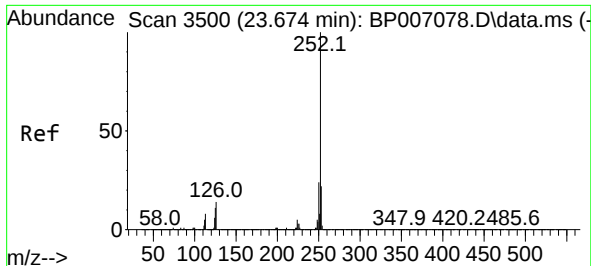
Tgt Ion:252 Resp: 454271
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 11.1 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 8.123 ng
RT: 23.016 min Scan# 3388
Delta R.T. -0.041 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:252 Resp: 454271
Ion Ratio Lower Upper
252 100
253 23.6 17.6 26.4
125 11.1 6.0 9.0#

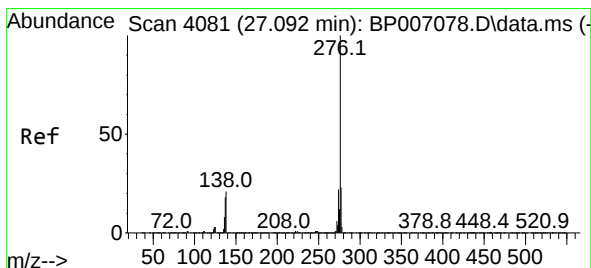
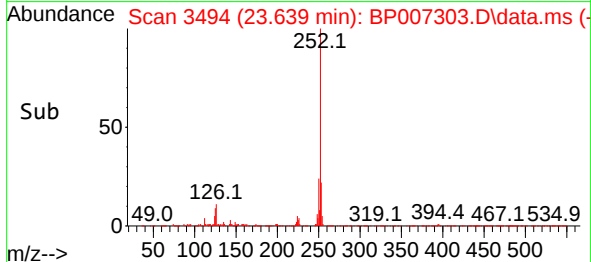
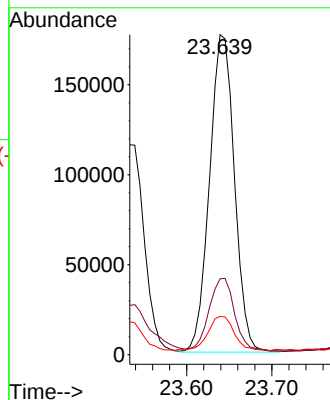
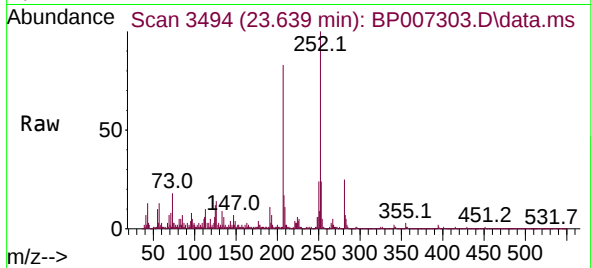




#90
Benzo(a)pyrene
Concen: 7.642 ng
RT: 23.639 min Scan# 3494
Delta R.T. 0.000 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Instrument :
BNA_P
ClientSampled :
286

Tgt Ion:252 Resp: 358609
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 12.0 6.5 9.7#



#92
Benzo(g,h,i)perylene
Concen: 4.222 ng
RT: 27.039 min Scan# 4072
Delta R.T. -0.006 min
Lab File: BP007303.D
Acq: 04 Oct 2021 14:05

Tgt Ion:276 Resp: 229378
Ion Ratio Lower Upper
276 100
277 24.8 18.9 28.3
138 22.1 12.6 18.8#

