

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120320\
 Data File : BP004142.D
 Acq On : 03 Dec 2020 22:33
 Operator : CG/JU
 Sample : L4916-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-12220

Quant Time: Dec 04 00:14:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 11:39:42 2020
 Response via : Initial Calibration

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

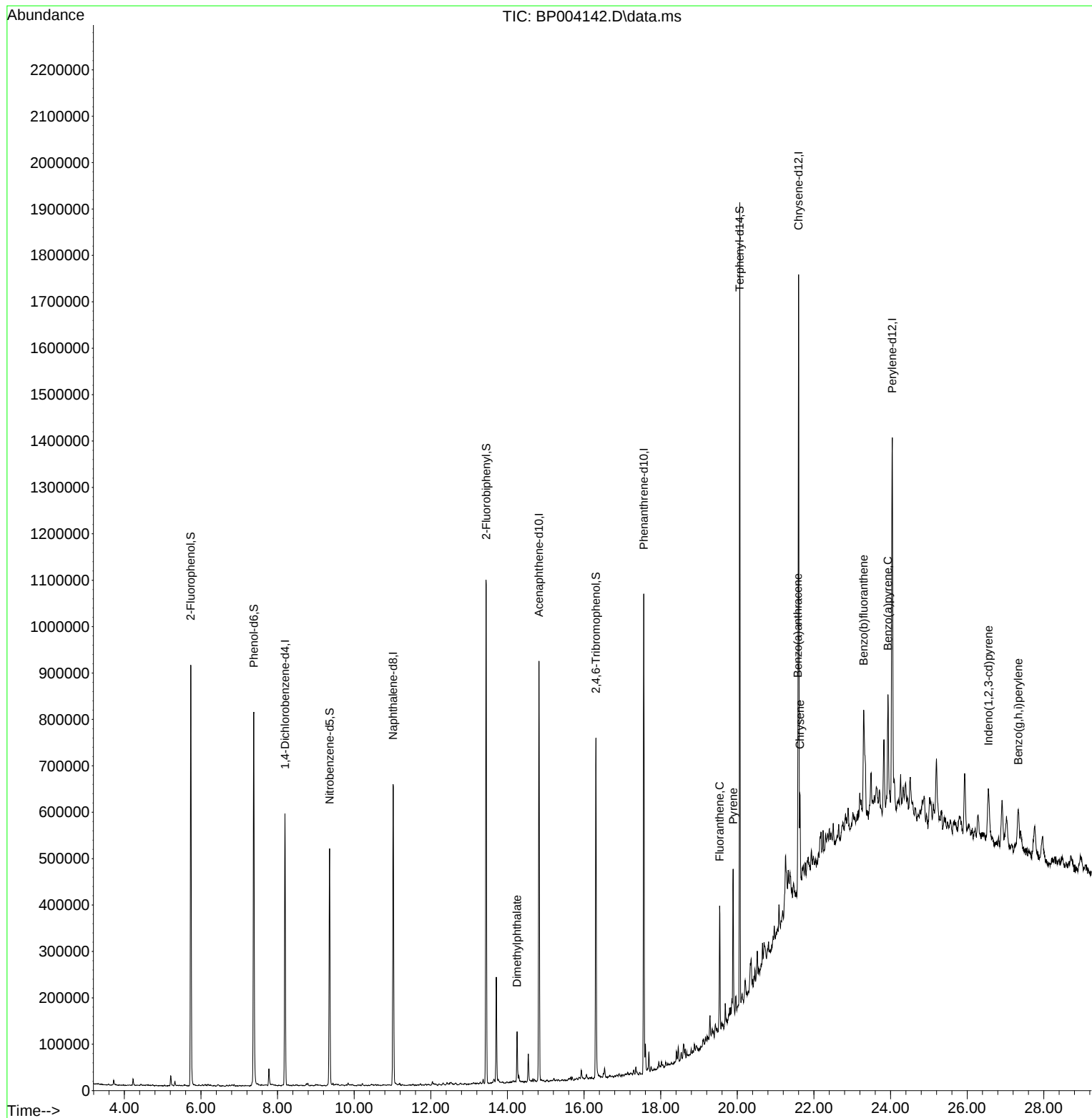
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	151670	20.00	ng	0.00
21) Naphthalene-d8	11.016	136	527180	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	293335	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	615338	20.00	ng	# 0.00
76) Chrysene-d12	21.598	240	603893	20.00	ng	0.00
86) Perylene-d12	24.045	264	633461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	375780	41.35	ng	0.00
7) Phenol-d6	7.381	99	457916	35.10	ng	0.00
23) Nitrobenzene-d5	9.357	82	285737	26.55	ng	0.00
42) 2,4,6-Tribromophenol	16.310	330	136631	37.24	ng	0.00
45) 2-Fluorobiphenyl	13.445	172	555586	26.48	ng	0.00
79) Terphenyl-d14	20.063	244	686851	21.97	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.251	163	64996	2.83	ng	98
75) Fluoranthene	19.539	202	161576	4.05	ng	99
78) Pyrene	19.892	202	172775	4.22	ng	98
81) Benzo(a)anthracene	21.580	228	129308	3.25	ng	98
83) Chrysene	21.633	228	133963	3.50	ng	97
87) Indeno(1,2,3-cd)pyrene	26.556	276	101641	2.22	ng	96
88) Benzo(b)fluoranthene	23.298	252	203874	4.92	ng	# 92
90) Benzo(a)pyrene	23.933	252	142565	3.72	ng	# 94
92) Benzo(g,h,i)perylene	27.333	276	105810	2.87	ng	94

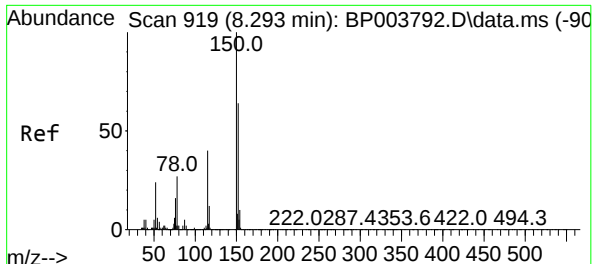
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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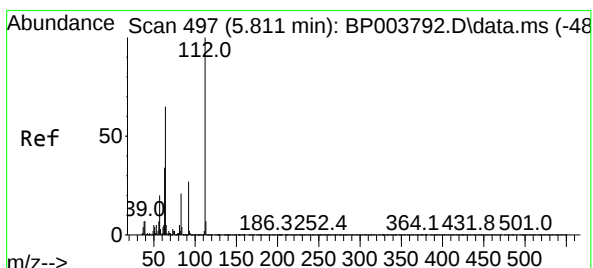
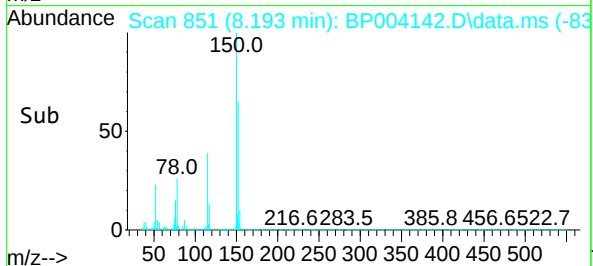
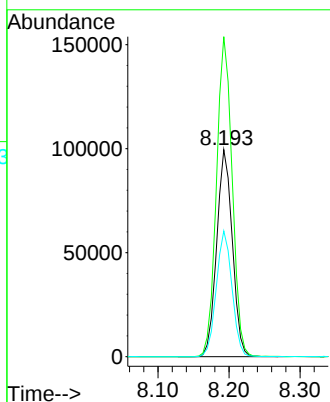
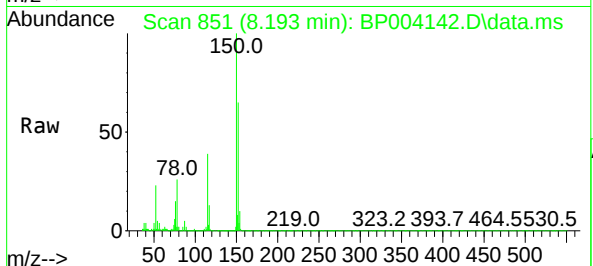




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

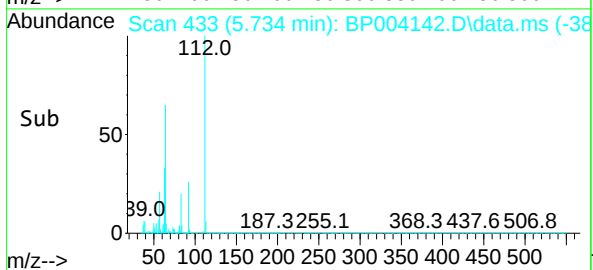
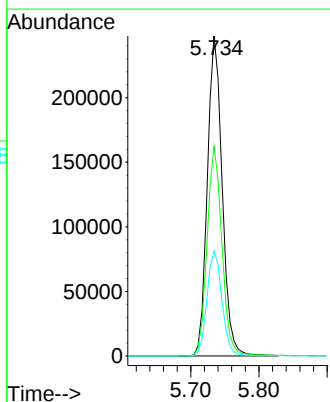
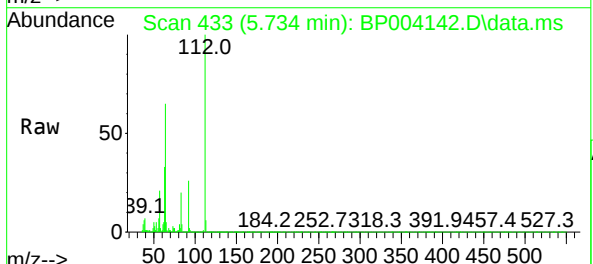
Instrument :
BNA_P
ClientSampleId :
OK-01-12220

Tgt Ion:152 Resp: 151670
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.6
115 60.8 43.8 65.6



#5
2-Fluorophenol
Concen: 41.35 ng
RT: 5.734 min Scan# 433
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Tgt Ion:112 Resp: 375780
Ion Ratio Lower Upper
112 100
64 65.5 32.8 49.2#
63 32.7 17.0 25.4#

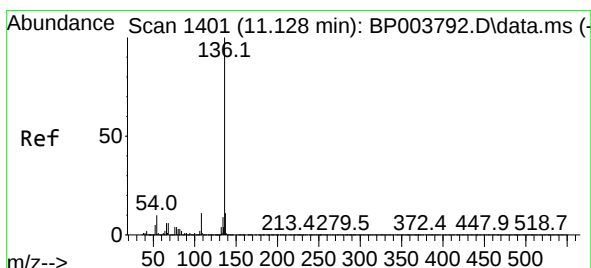
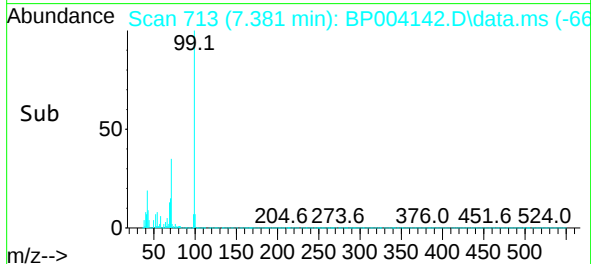
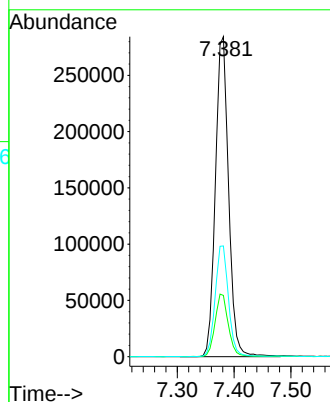
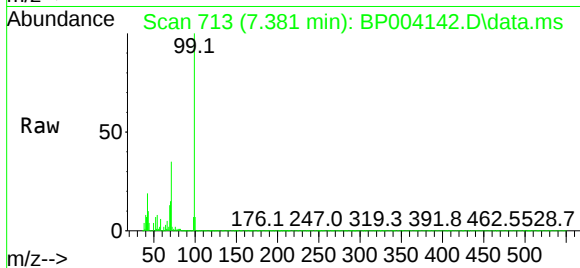




#7
Phenol-d6
Concen: 35.10 ng
RT: 7.381 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

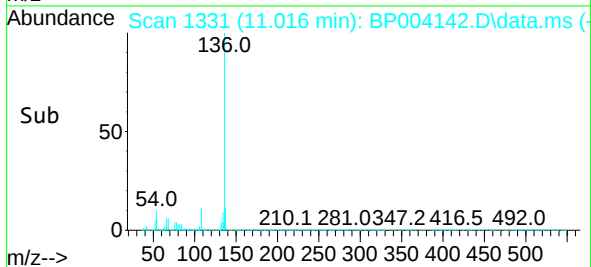
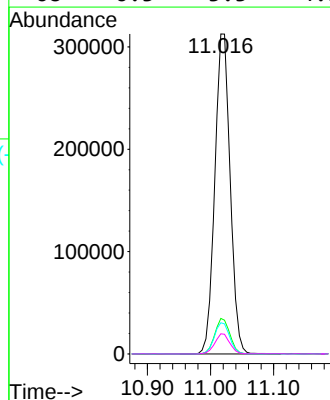
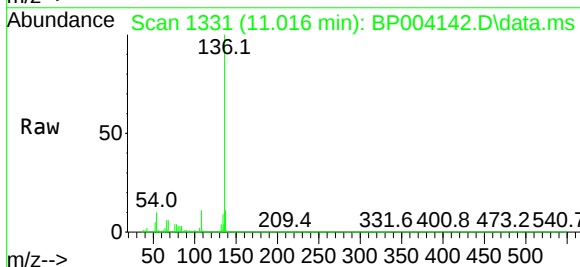
Instrument :
BNA_P
ClientSampleId :
OK-01-12220

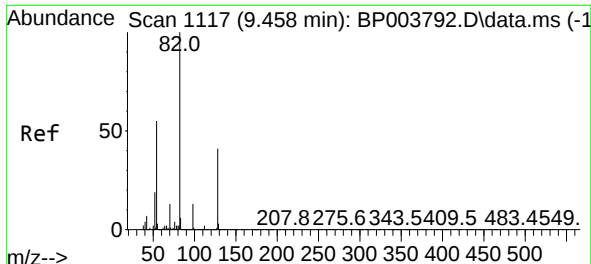
Tgt Ion: 99 Resp: 457916
Ion Ratio Lower Upper
99 100
42 19.2 8.6 13.0#
71 34.6 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.016 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Tgt Ion: 136 Resp: 527180
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.7 3.6 5.4#
68 6.3 3.3 4.9#

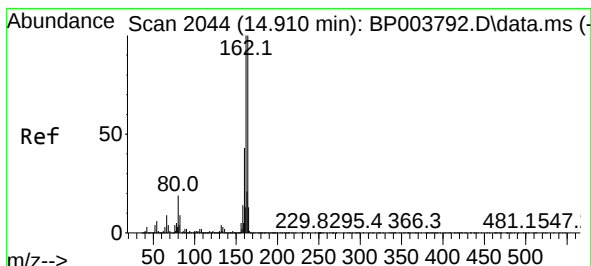
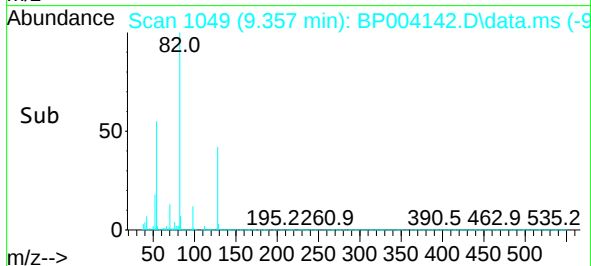
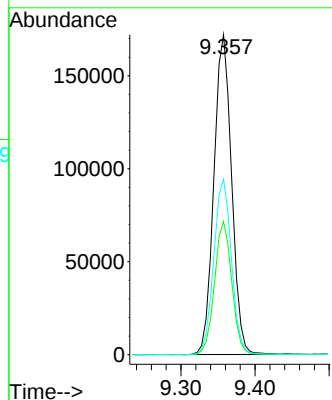
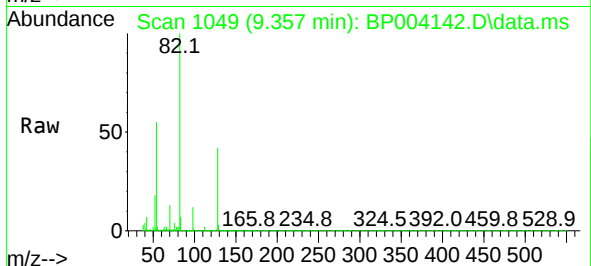




#23
Nitrobenzene-d5
Concen: 26.55 ng
RT: 9.357 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

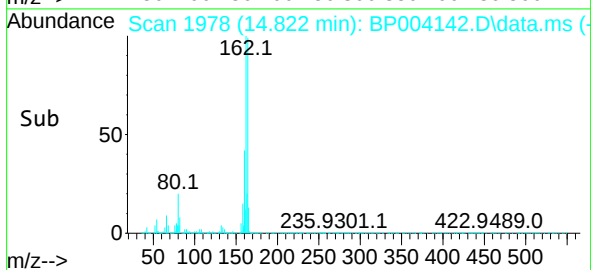
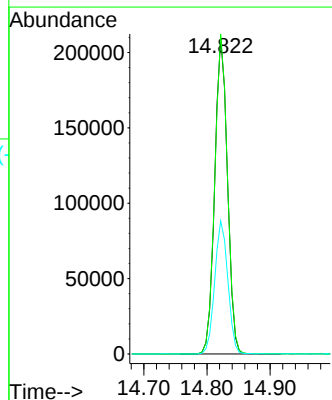
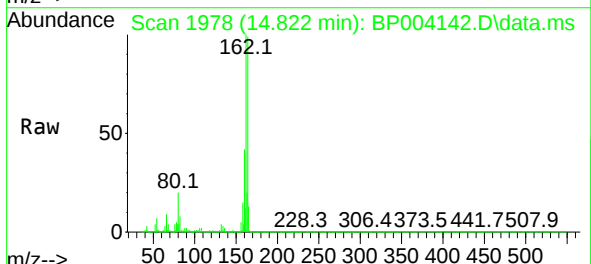
Instrument :
BNA_P
ClientSampleId :
OK-01-12220

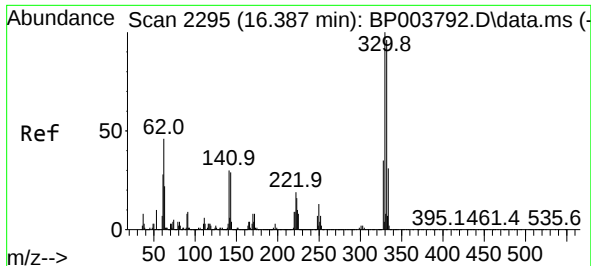
Tgt Ion: 82 Resp: 285737
Ion Ratio Lower Upper
82 100
128 41.7 45.6 68.4#
54 54.8 30.1 45.1#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Tgt Ion: 164 Resp: 293335
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.2
160 42.1 36.1 54.1

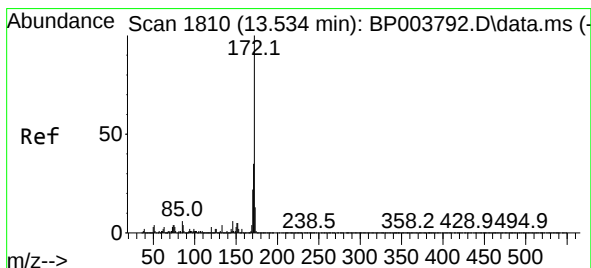
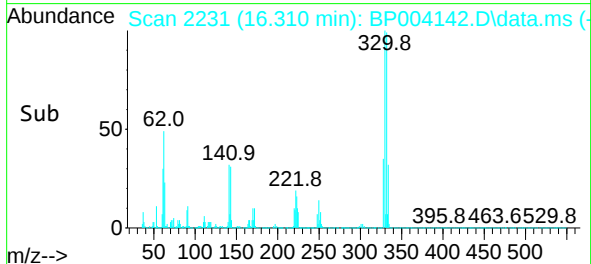
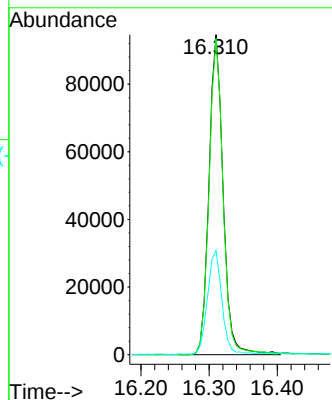
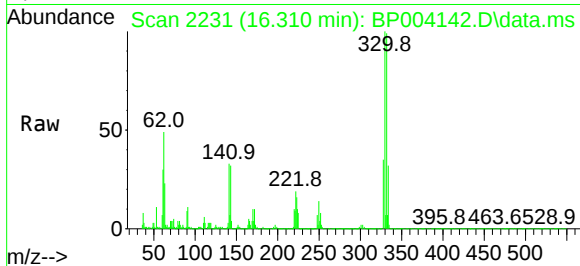




#42
2,4,6-Tribromophenol
Concen: 37.24 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

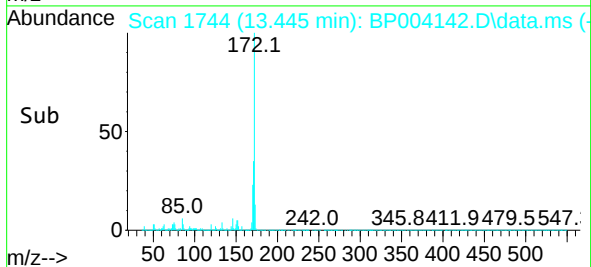
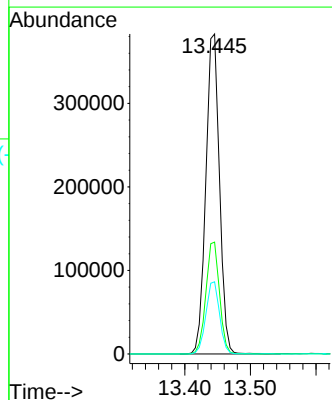
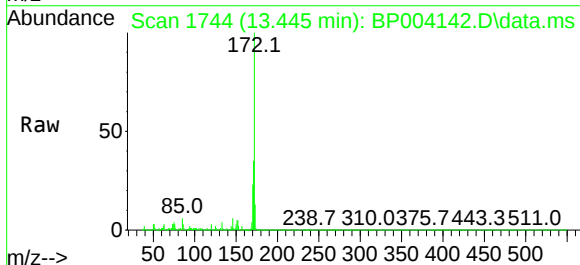
Instrument :
BNA_P
ClientSampleId :
OK-01-12220

Tgt Ion:330 Resp: 136631
Ion Ratio Lower Upper
330 100
332 98.6 77.1 115.7
141 32.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 26.48 ng
RT: 13.445 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Tgt Ion:172 Resp: 555586
Ion Ratio Lower Upper
172 100
171 34.9 28.5 42.7
170 22.5 19.2 28.8

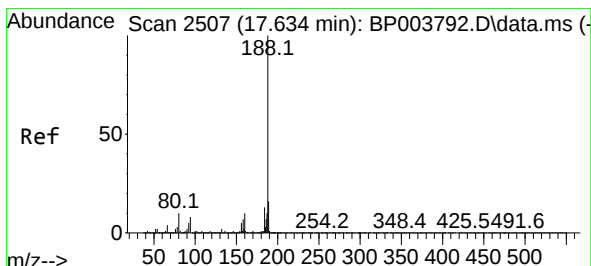
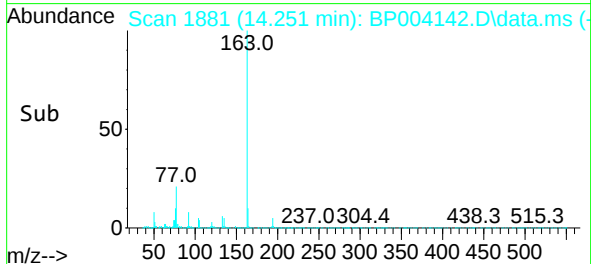
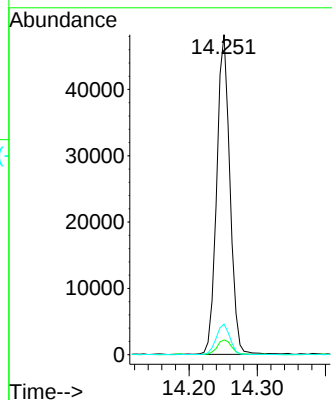
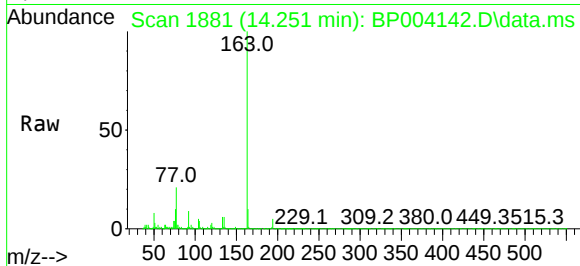




#50
Dimethylphthalate
Concen: 2.83 ng
RT: 14.251 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

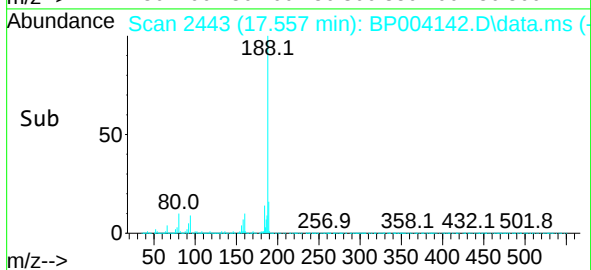
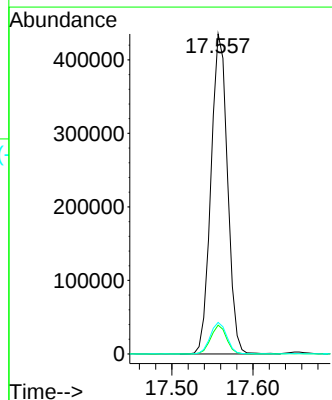
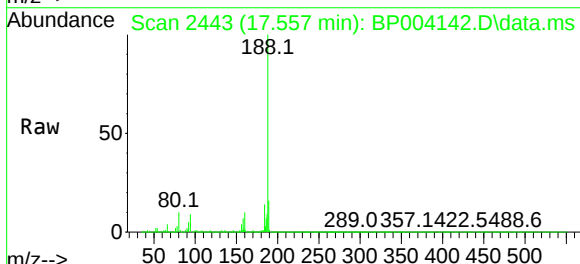
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ClientSampleId :
OK-01-12220

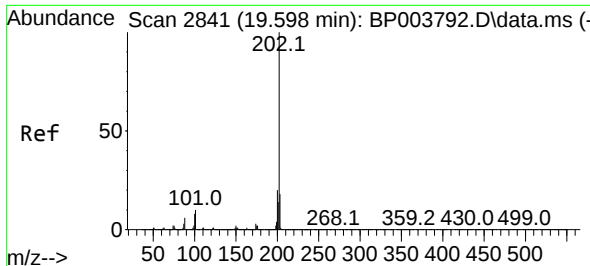
Tgt Ion:163 Resp: 64996
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 9.6 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2443
Delta R.T. -0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Tgt Ion:188 Resp: 615338
Ion Ratio Lower Upper
188 100
94 9.0 6.2 9.2
80 9.9 6.2 9.2#

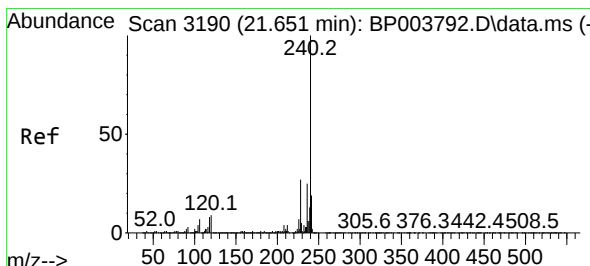
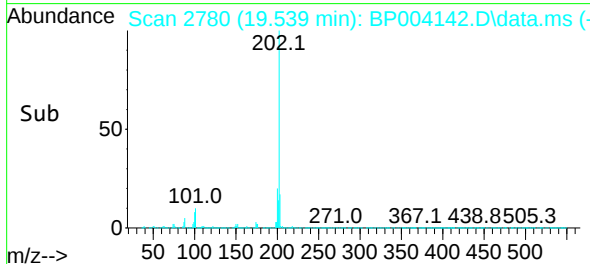
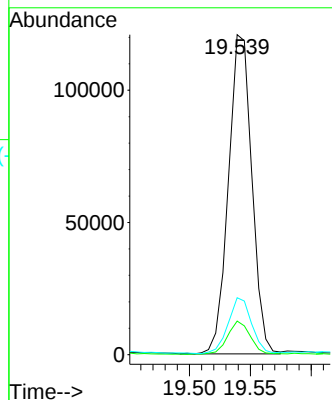
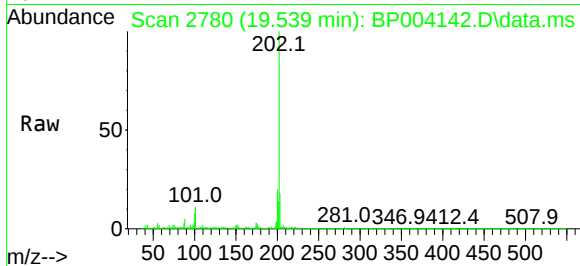




#75
Fluoranthene
Concen: 4.05 ng
RT: 19.539 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

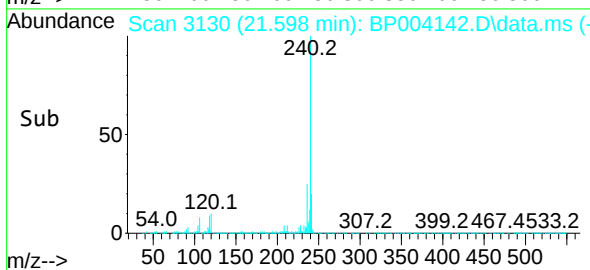
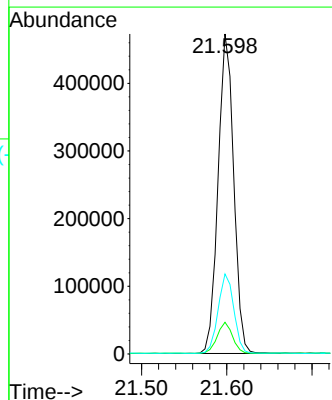
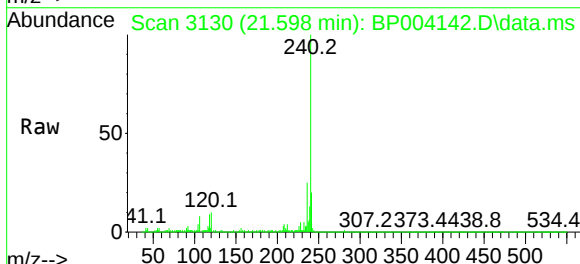
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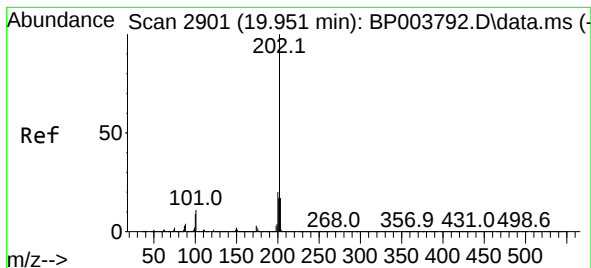
Tgt Ion:	202	Resp:	161576
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	29.4
203	17.8	0.0	37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Tgt Ion:	240	Resp:	603893
Ion Ratio	Lower	Upper	
240	100		
120	9.9	7.8	11.6
236	25.0	20.8	31.2





#78

Pyrene

Concen: 4.22 ng

RT: 19.892 min Scan# 2840

Delta R.T. -0.000 min

Lab File: BP004142.D

Acq: 03 Dec 2020 22:33

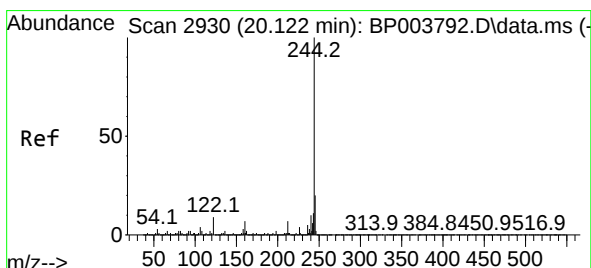
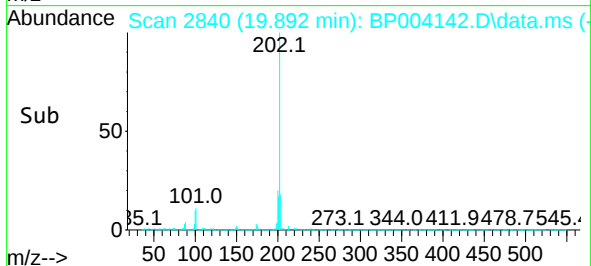
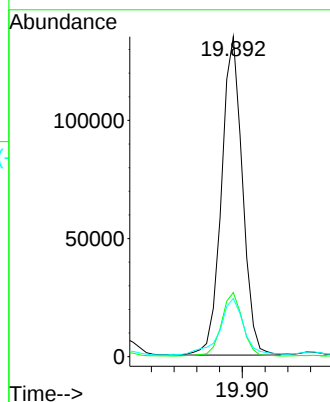
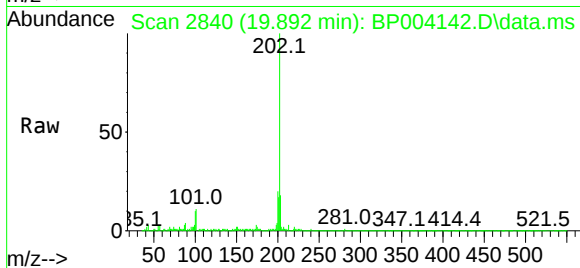
Instrument :

BNA_P

ClientSampleId :

OK-01-12220

Tgt Ion:202	Resp: 172775
Ion Ratio	Lower Upper
202 100	
200 20.0	17.1 25.7
203 18.2	14.2 21.2



#79

Terphenyl-d14

Concen: 21.97 ng

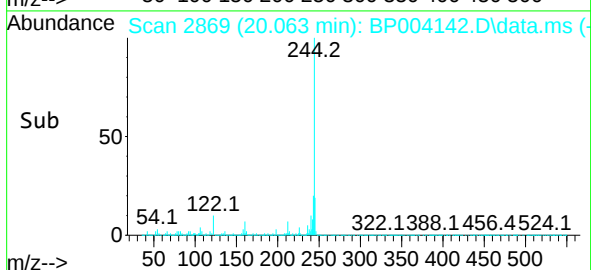
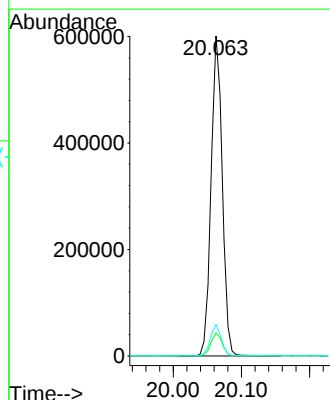
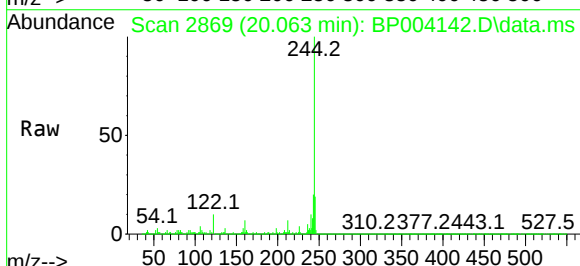
RT: 20.063 min Scan# 2869

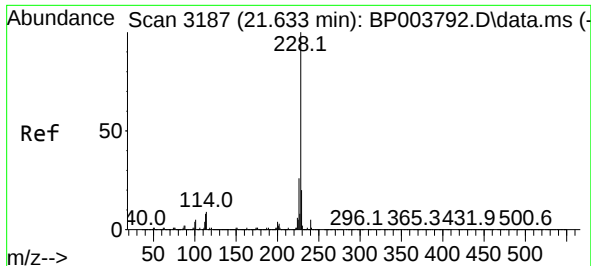
Delta R.T. -0.006 min

Lab File: BP004142.D

Acq: 03 Dec 2020 22:33

Tgt Ion:244	Resp: 686851
Ion Ratio	Lower Upper
244 100	
212 7.2	5.8 8.6
122 9.8	7.8 11.8

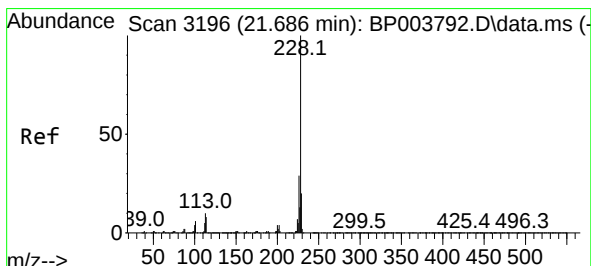
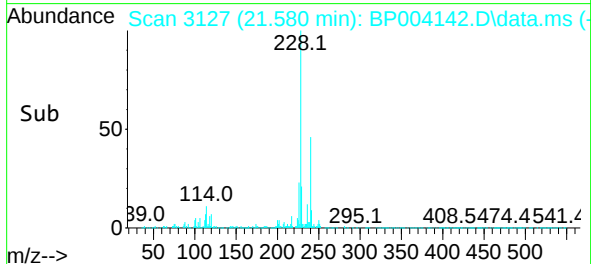
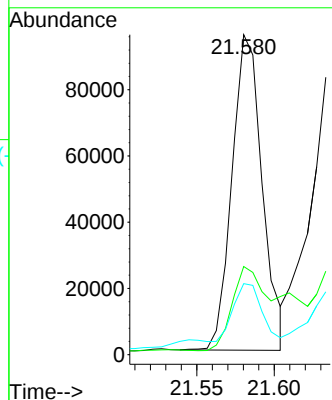
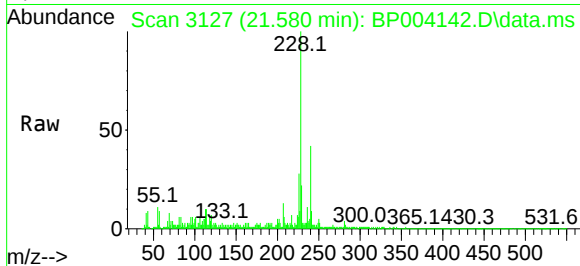




#81
Benzo(a)anthracene
Concen: 3.25 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

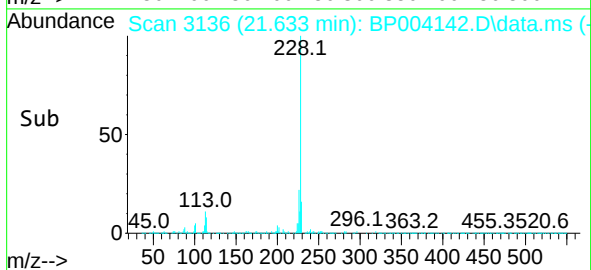
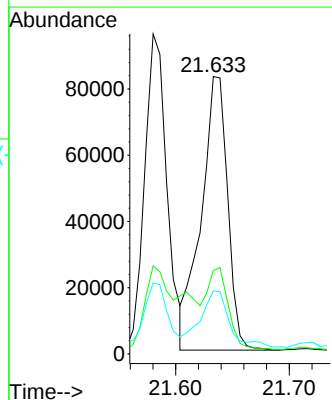
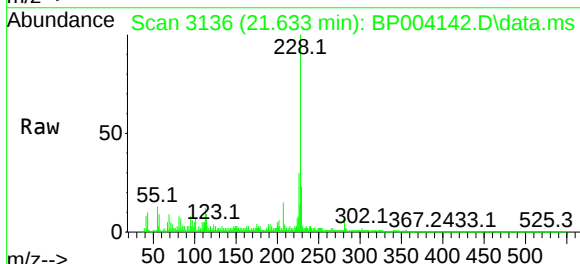
Instrument :
BNA_P
ClientSampleId :
OK-01-12220

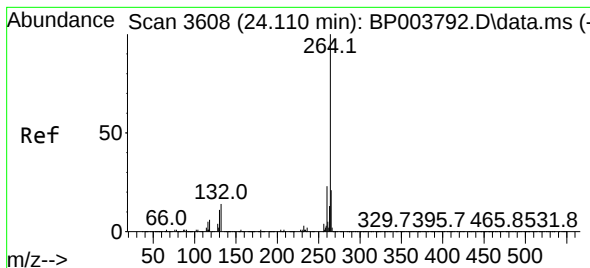
Tgt Ion:228 Resp: 129308
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 22.2 15.9 23.9



#83
Chrysene
Concen: 3.50 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Tgt Ion:228 Resp: 133963
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 22.7 15.8 23.6



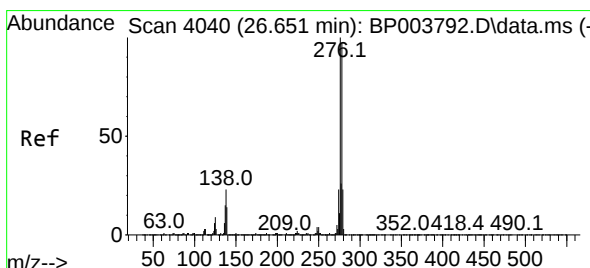
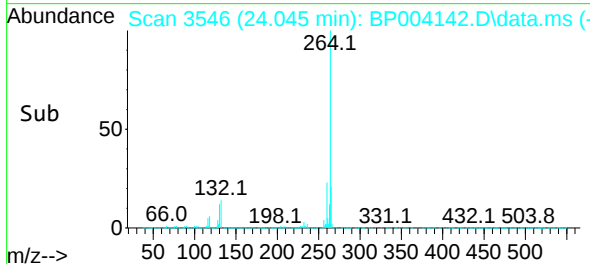
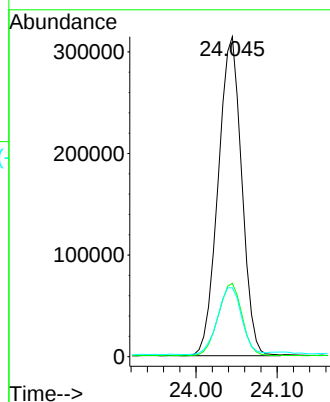
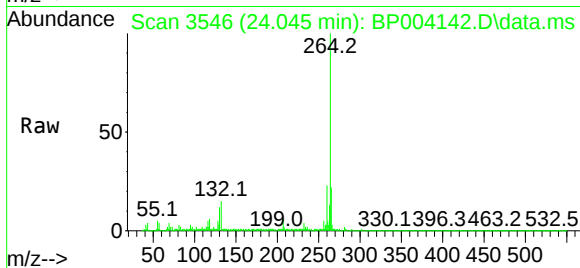


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.045 min Scan# 3546
Delta R.T. 0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Instrument :
BNA_P
ClientSampleId :
OK-01-12220

Tgt Ion:264 Resp: 633461

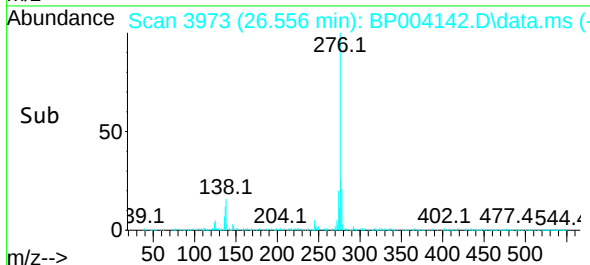
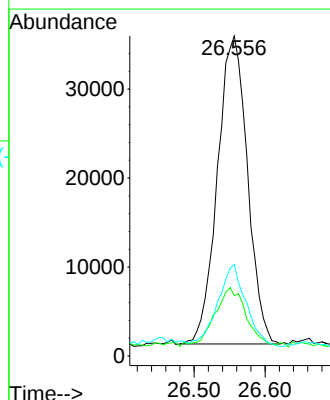
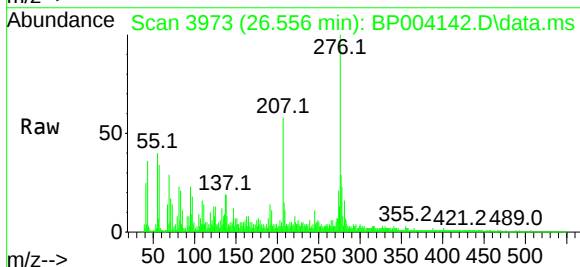
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.8	28.2
265	21.5	17.4	26.2

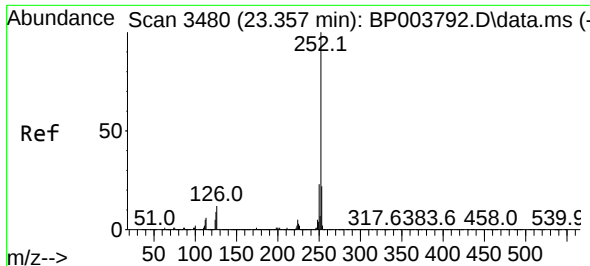


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.22 ng
RT: 26.556 min Scan# 3973
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Tgt Ion:276 Resp: 101641

Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.7	28.1
277	25.3	20.4	30.6

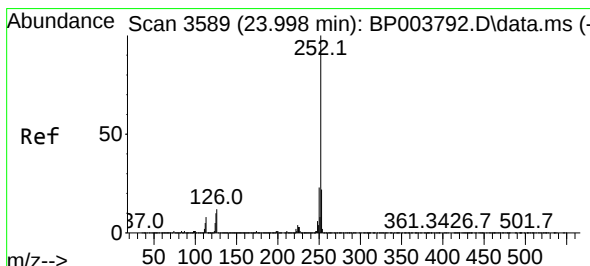
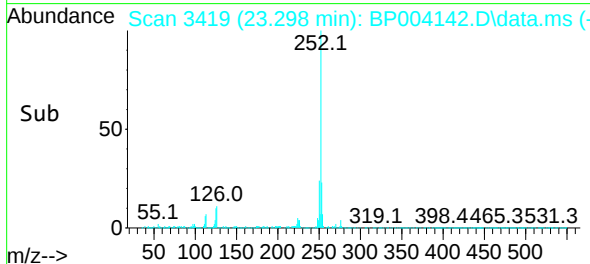
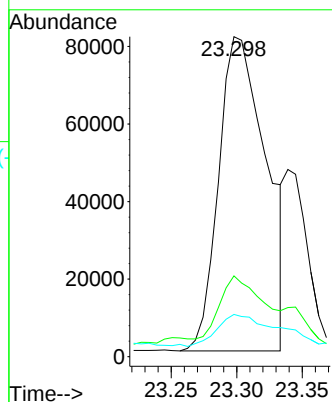
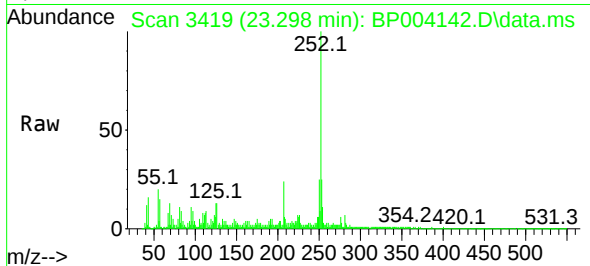




#88
Benzo(b)fluoranthene
Concen: 4.92 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

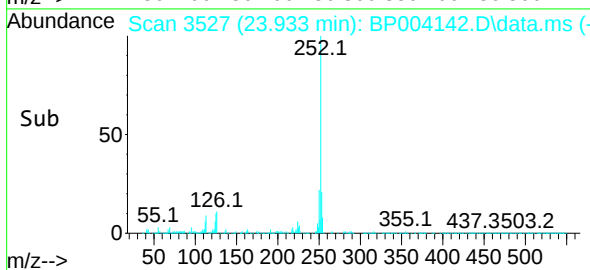
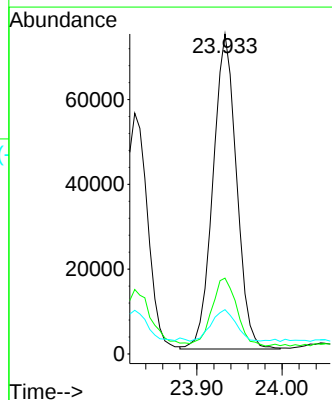
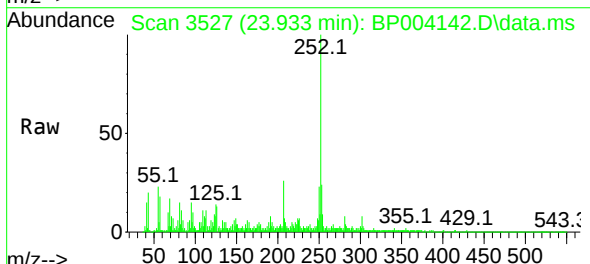
Instrument :
BNA_P
ClientSampleId :
OK-01-12220

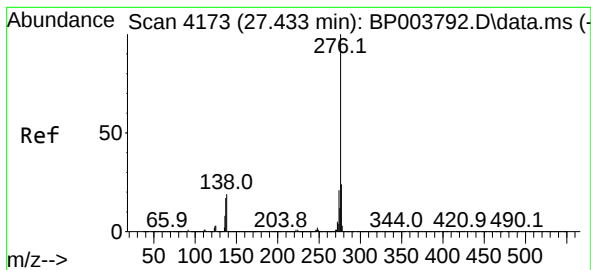
Tgt Ion:252 Resp: 203874
Ion Ratio Lower Upper
252 100
253 25.3 17.6 26.4
125 13.2 7.3 10.9#



#90
Benzo(a)pyrene
Concen: 3.72 ng
RT: 23.933 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Tgt Ion:252 Resp: 142565
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 13.8 8.2 12.4#





#92

Benzo(g,h,i)perylene

Concen: 2.87 ng

RT: 27.333 min Scan# 4105

Delta R.T. -0.000 min

Lab File: BP004142.D

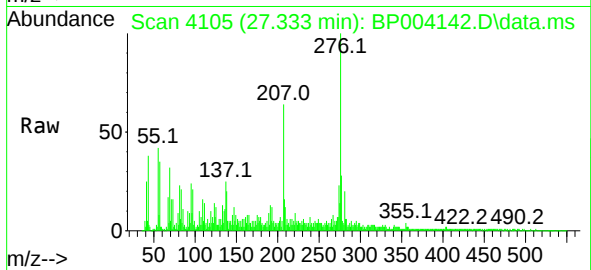
Acq: 03 Dec 2020 22:33

Instrument :

BNA_P

ClientSampleId :

OK-01-12220



Tgt Ion:276 Resp: 105810

Ion Ratio Lower Upper

276 100

277 28.1 19.0 28.6

138 19.8 16.6 24.8

