

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)

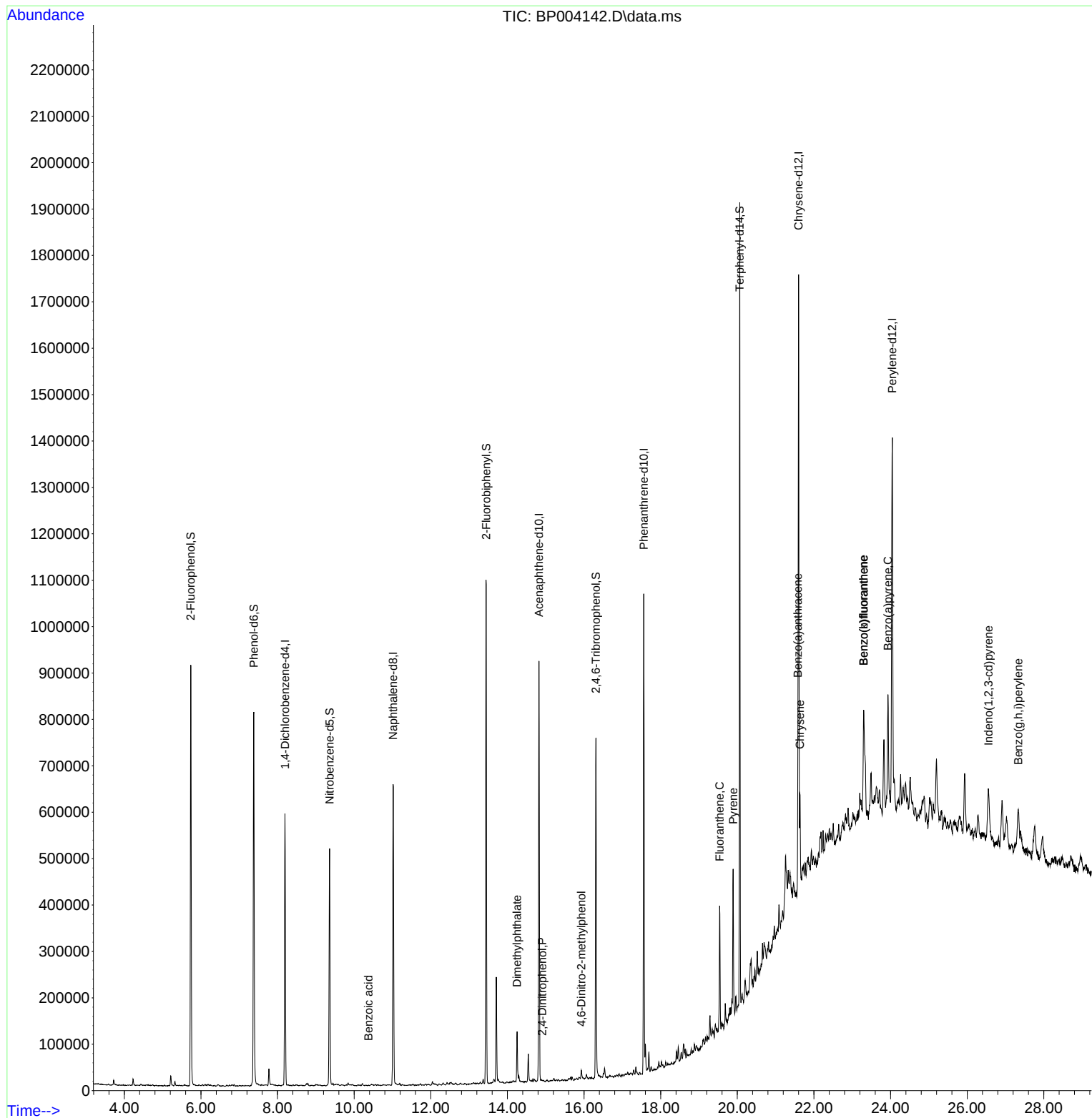
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	151670	20.00	ng	0.00
21) Naphthalene-d8	11.016	136	527180	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	293335	20.00	ng	0.00
64) Phenanthrene-d10	17.557	188	615338	20.00	ng	# 0.00
76) Chrysene-d12	21.598	240	603893	20.00	ng	0.00
86) Perylene-d12	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
9) Benzaldehyde	7.293	77	93	Below Cal	#	53
32) Benzoic acid	10.375	122	32	8.31 ng	#	1
50) Dimethylphthalate	14.251	163	64996	2.83 ng		98
54) 2,4-Dinitrophenol	14.910	184	40	2.75 ng	#	1
65) 4,6-Dinitro-2-methylph...	15.933	198	115	6.37 ng	#	1
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
89) Benzo(k)fluoranthene	23.298	252	203874	4.98 ng	#	93
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

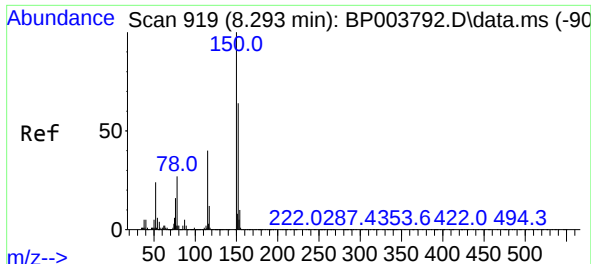
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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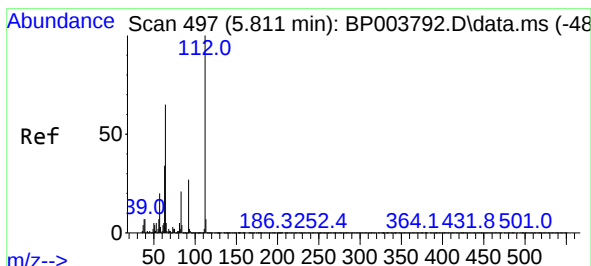
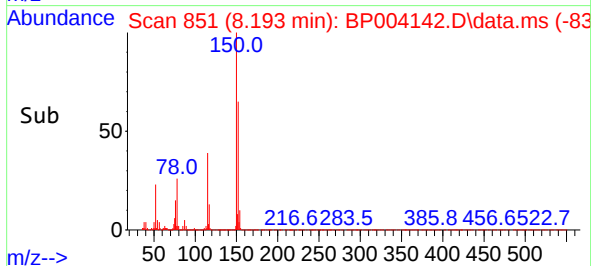
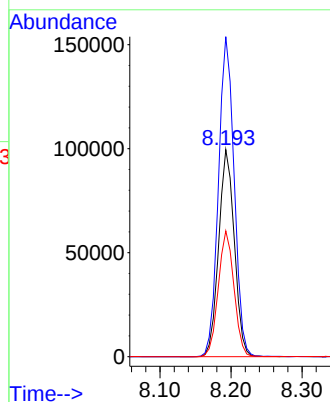
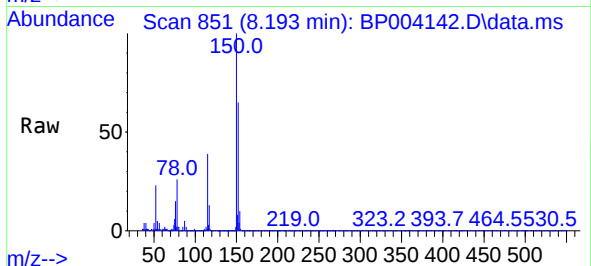




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

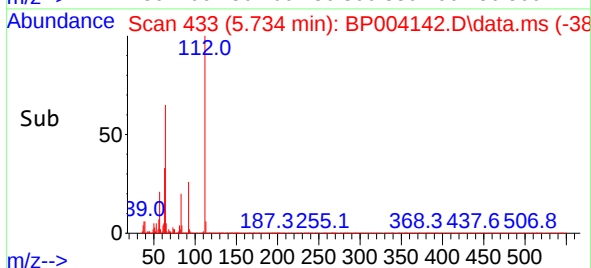
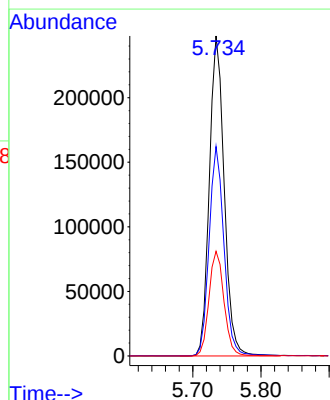
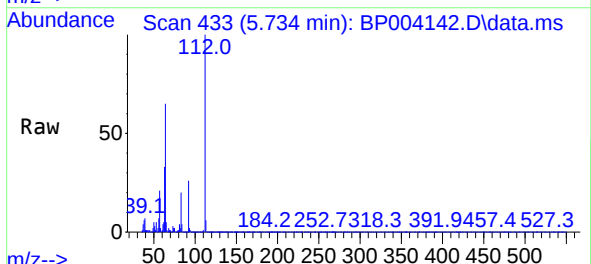
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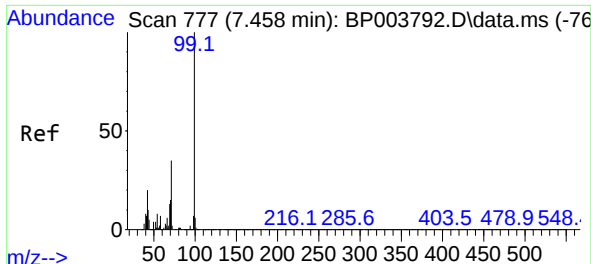
Tgt Ion:152 Resp: 151670
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.6
115 60.8 43.8 65.6



#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#

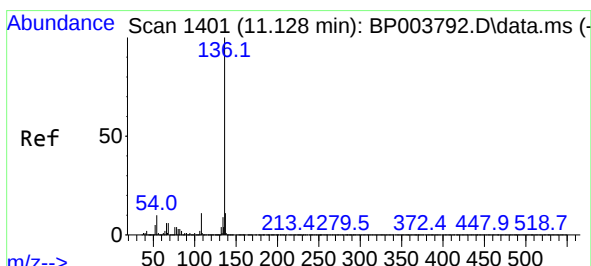
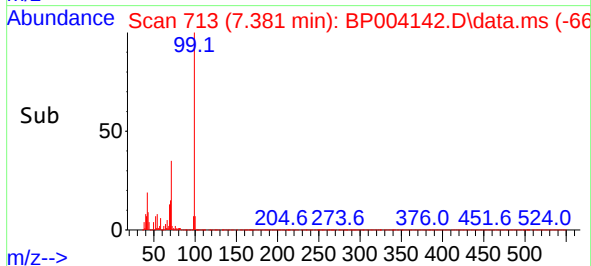
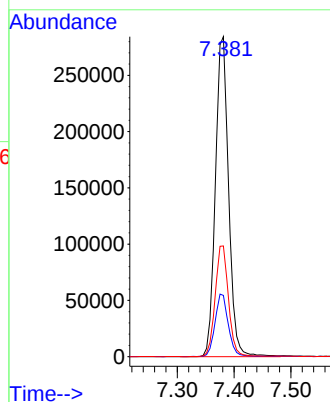
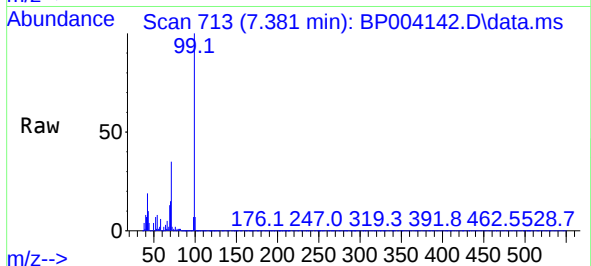




#7
Phenol-d6
Concen: 35.10 ng
RT: 7.381 min Scan# 713
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

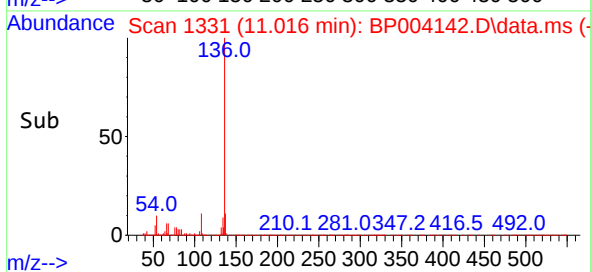
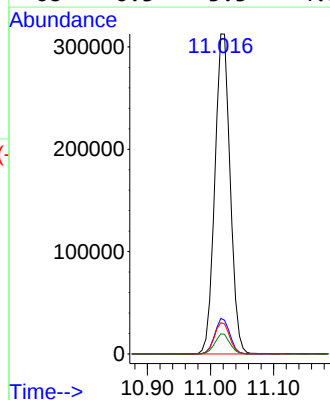
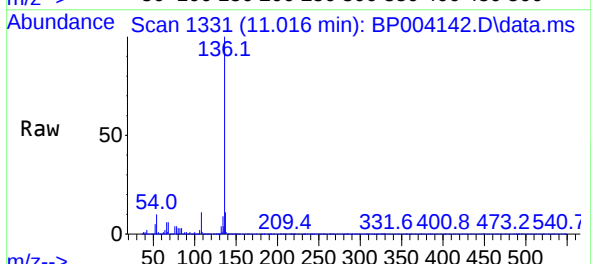
Instrument :
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ClientSampleId :
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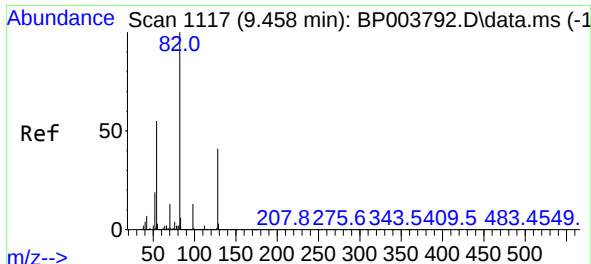
Tgt Ion: 99 Resp: 457916
Ion Ratio Lower Upper
99 100
42 19.2 8.6 13.0#
71 34.6 23.4 35.2



#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#

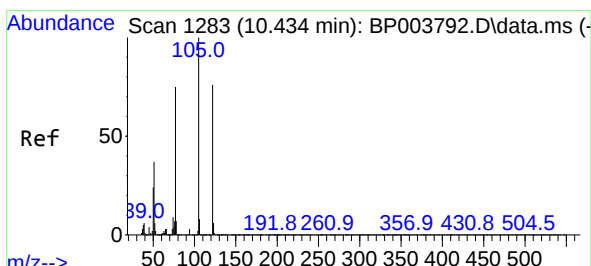
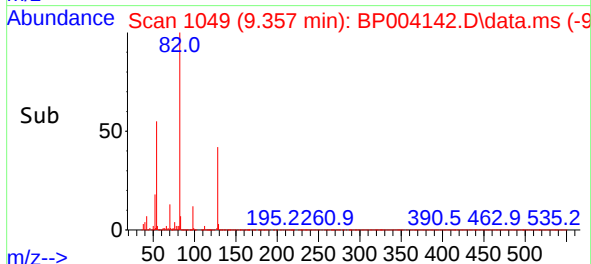
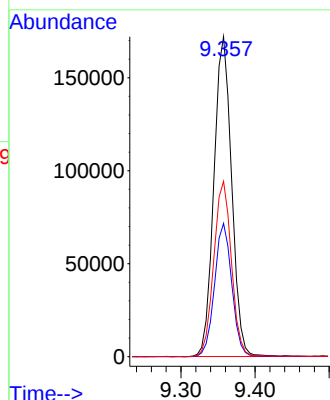
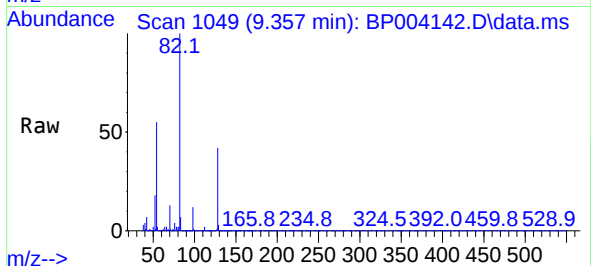




#23
Nitrobenzene-d5
Concen: 26.55 ng
RT: 9.357 min Scan# 1049
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

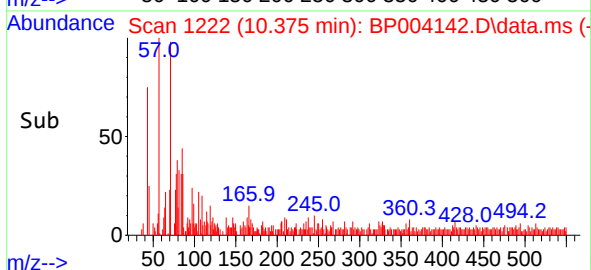
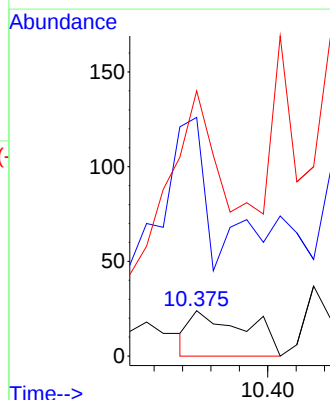
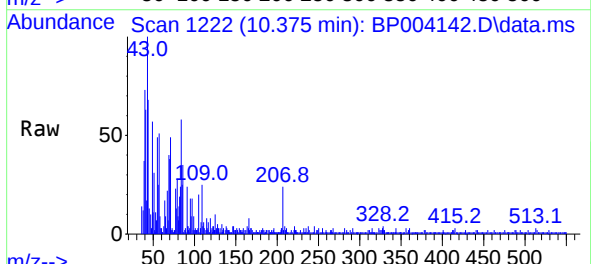
Instrument :
BNA_P
ClientSampleId :
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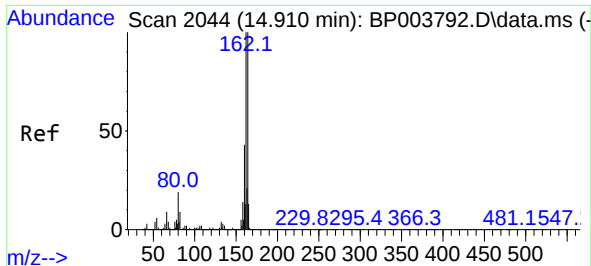
Tgt Ion: 82 Resp: 285737
Ion Ratio Lower Upper
82 100
128 41.7 45.6 68.4#
54 54.8 30.1 45.1#



#32
Benzoic acid
Concen: 8.31 ng
RT: 10.375 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Tgt Ion: 122 Resp: 32
Ion Ratio Lower Upper
122 100
105 525.0 94.1 134.1#
77 583.3 50.1 90.1#

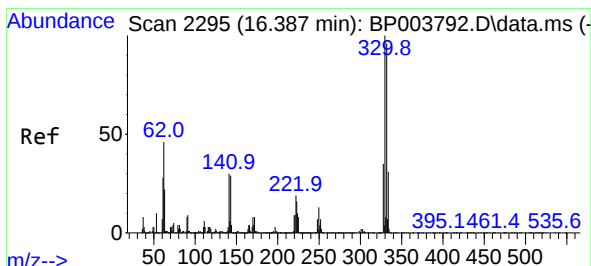
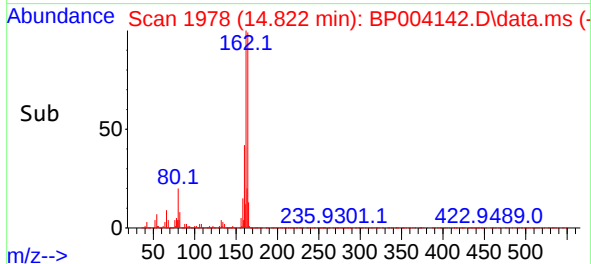
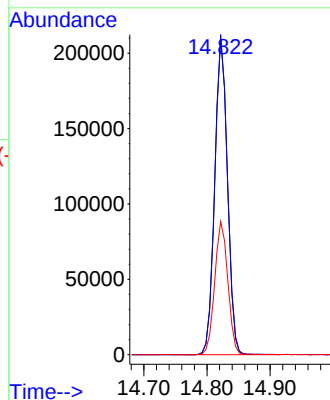
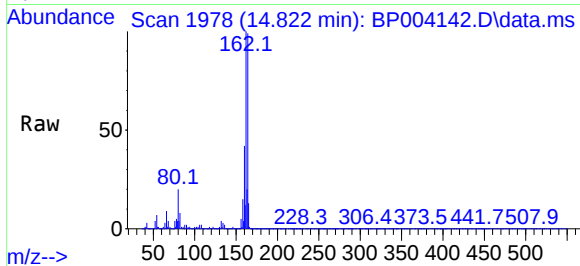




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

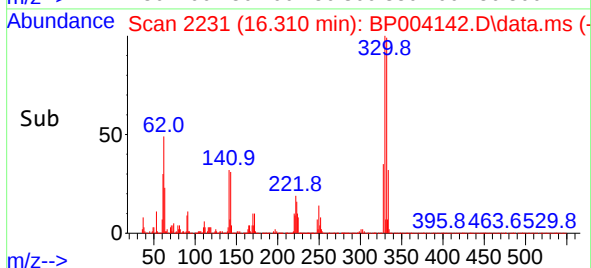
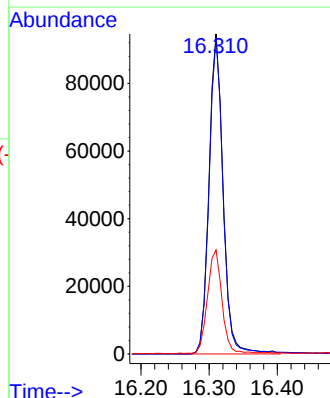
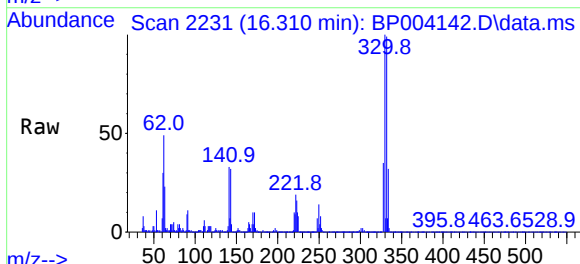
Instrument :
BNA_P
ClientSampleId :
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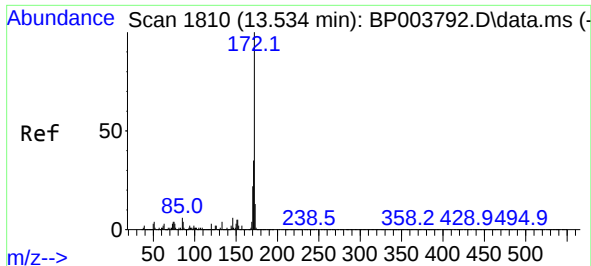
Tgt Ion:164 Resp: 293335
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.2
160 42.1 36.1 54.1



#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

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

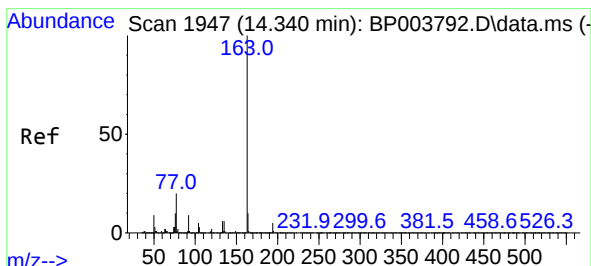
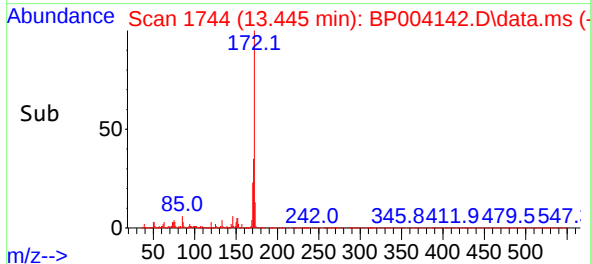
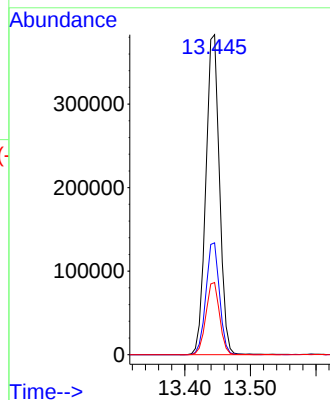
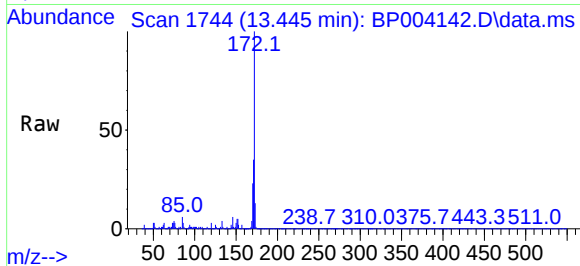




#45
2-Fluorobiphenyl
Concen: 26.48 ng
RT: 13.445 min Scan# 1744
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

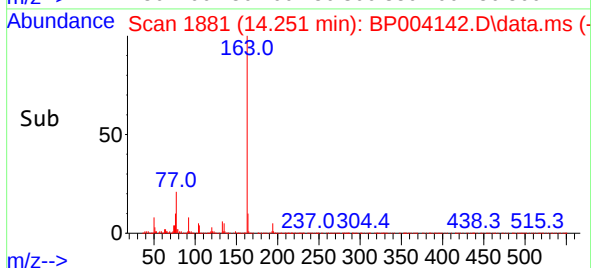
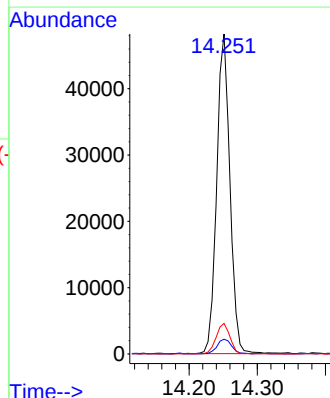
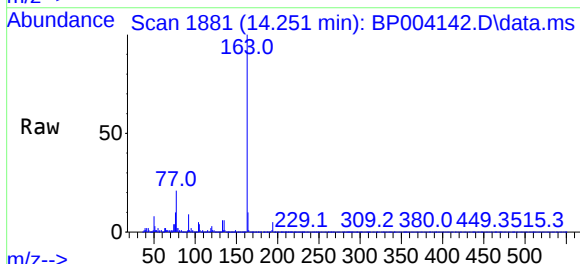
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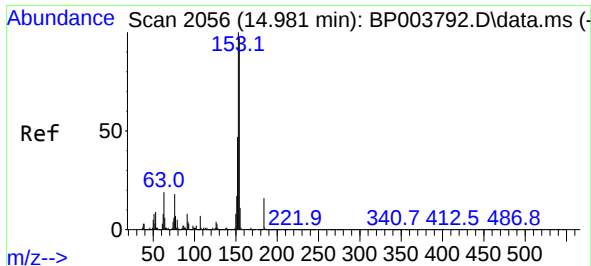
Tgt Ion:172	Resp: 555586
Ion Ratio	Lower Upper
172 100	
171 34.9	28.5 42.7
170 22.5	19.2 28.8



#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

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

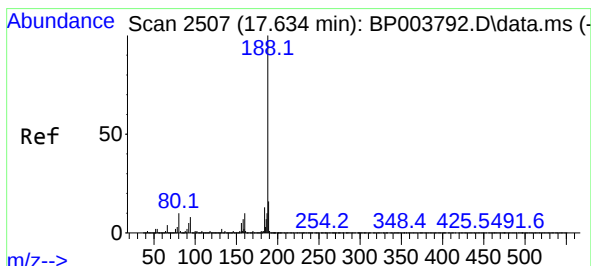
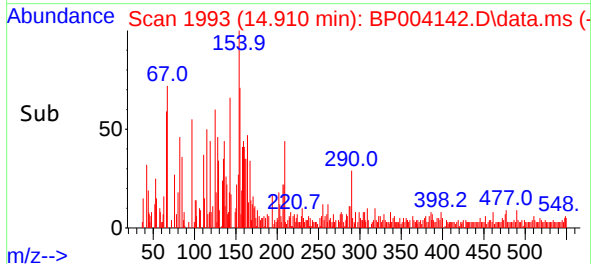
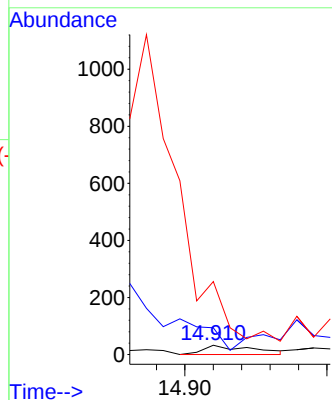
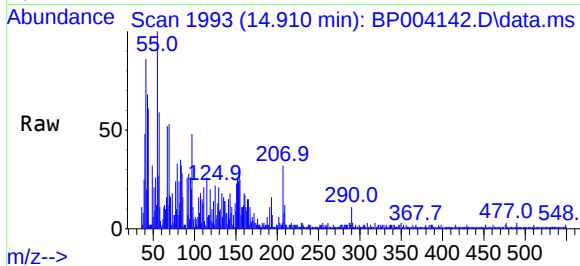




#54
2,4-Dinitrophenol
Concen: 2.75 ng
RT: 14.910 min Scan# 1993
Delta R.T. -0.018 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

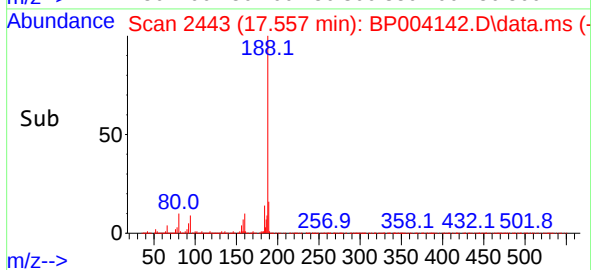
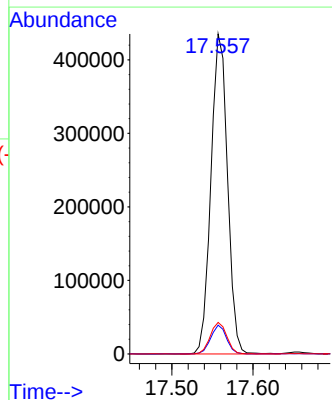
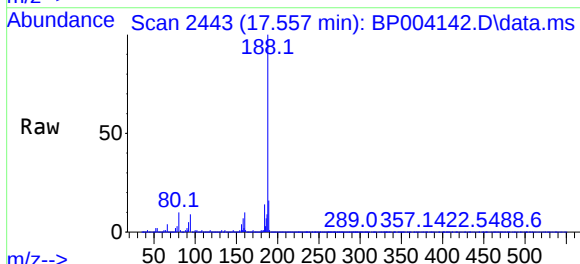
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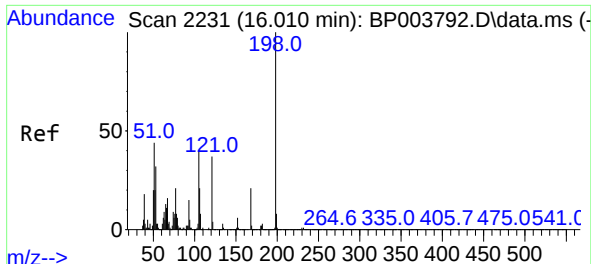
Tgt Ion:	184	Resp:	40
Ion	Ratio	Lower	Upper
184	100		
63	284.8	32.3	48.5#
154	775.8	49.1	73.7#



#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#

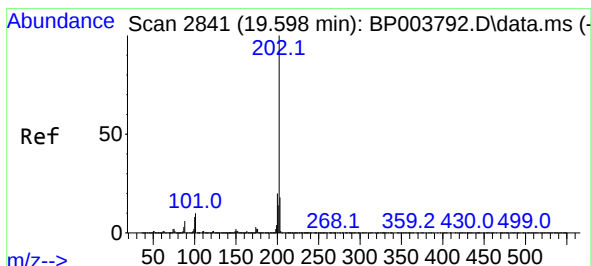
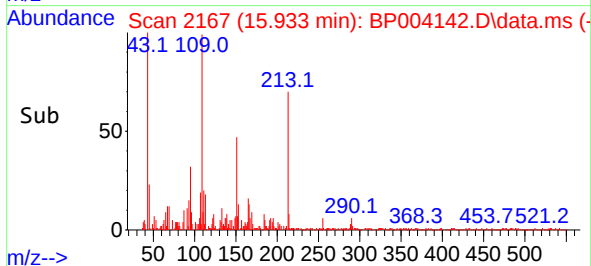
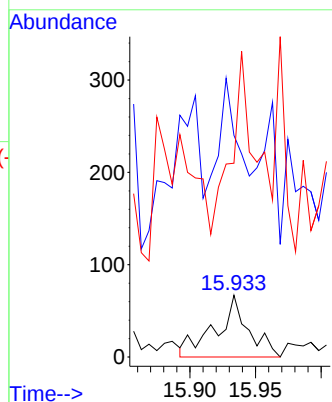
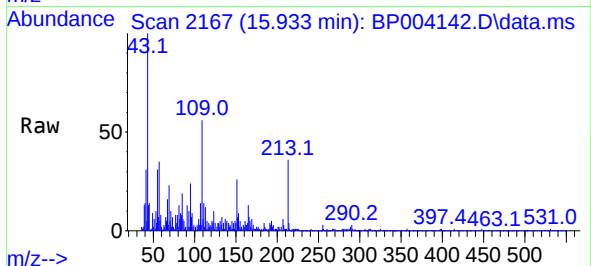




#65
4,6-Dinitro-2-methylphenol
Concen: 6.37 ng
RT: 15.933 min Scan# 2167
Delta R.T. -0.018 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

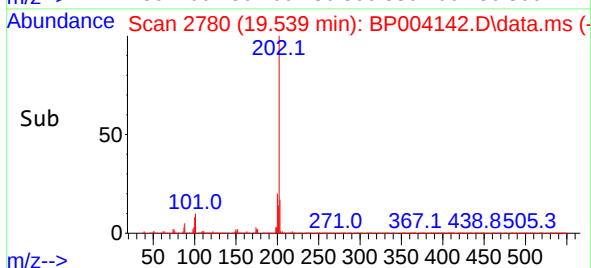
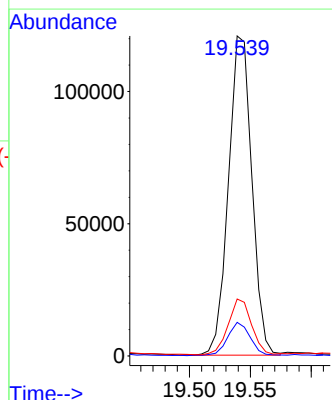
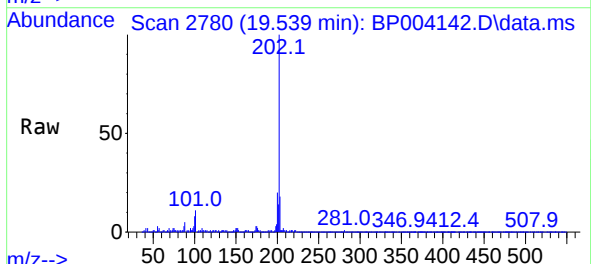
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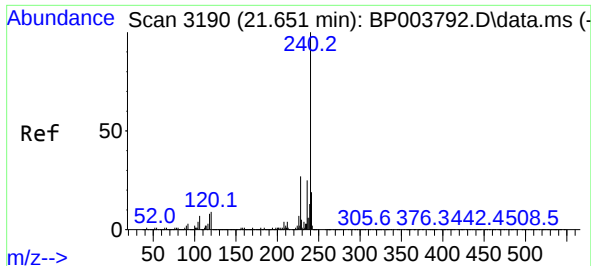
Tgt Ion:198 Resp: 115
Ion Ratio Lower Upper
198 100
51 358.2 6.4 46.4#
105 313.4 18.9 58.9#



#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

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



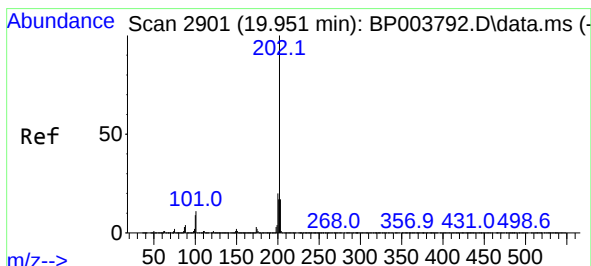
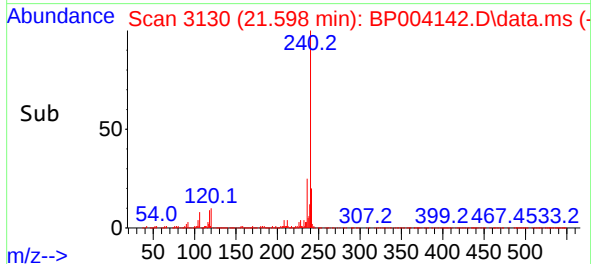
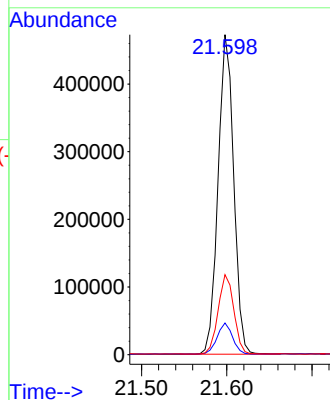
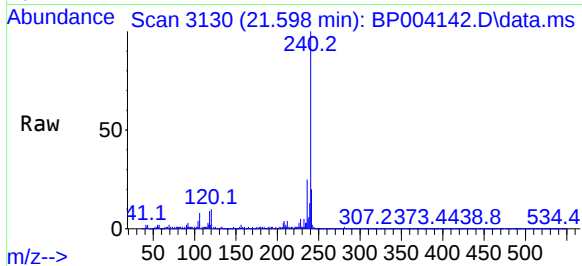


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.598 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Instrument :
BNA_P
ClientSampleId :
OK-01-12220

Tgt Ion:240 Resp: 603893

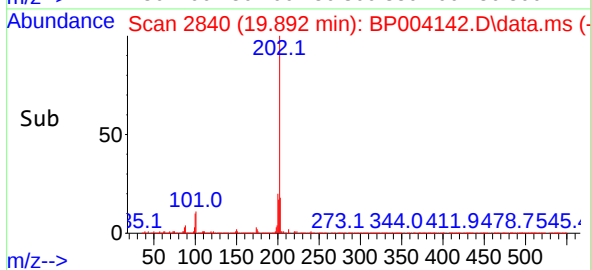
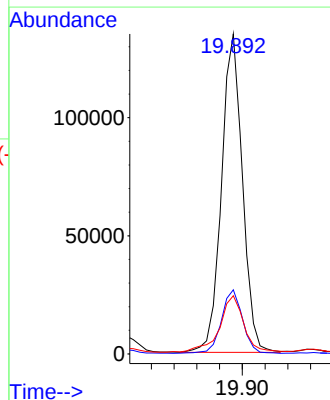
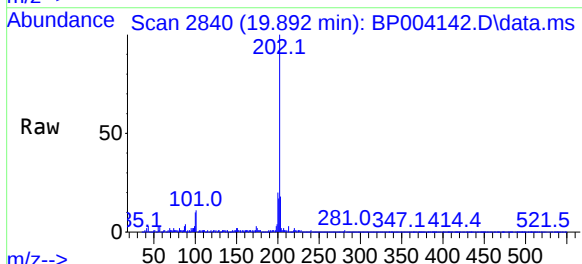
Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.8	11.6
236	25.0	20.8	31.2

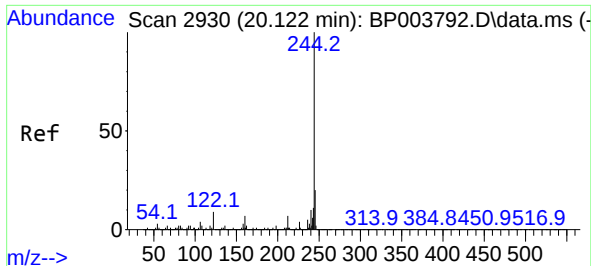


#78
Pyrene
Concen: 4.22 ng
RT: 19.892 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

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



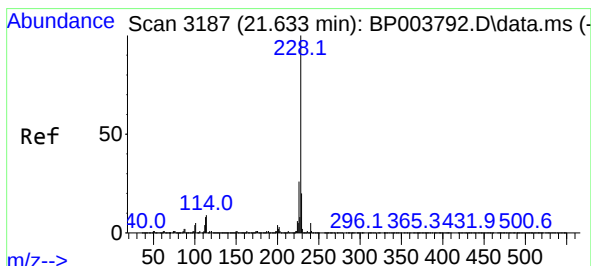
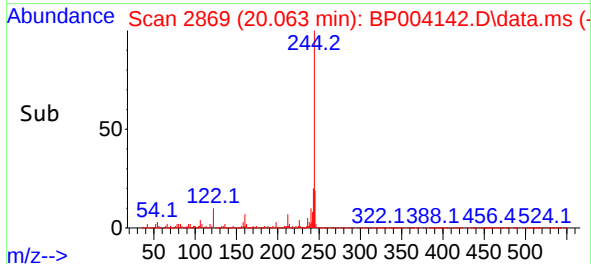
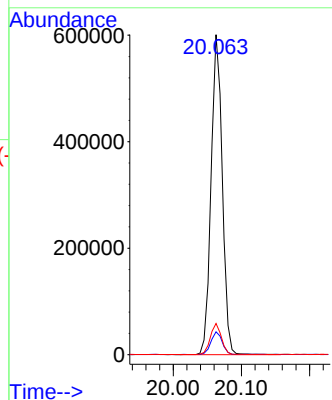
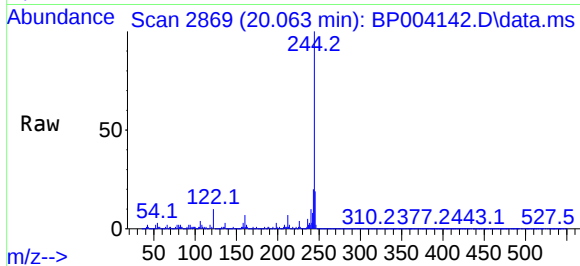


#79
Terphenyl-d14
Concen: 21.97 ng
RT: 20.063 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Instrument :
BNA_P
ClientSampleId :
OK-01-12220

Tgt Ion:244 Resp: 686851

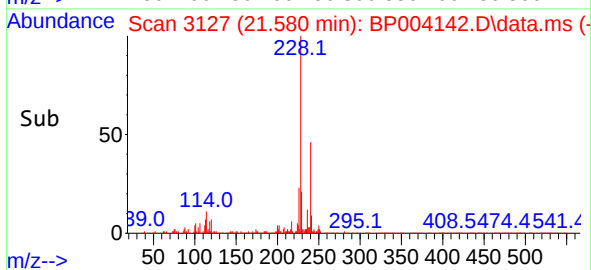
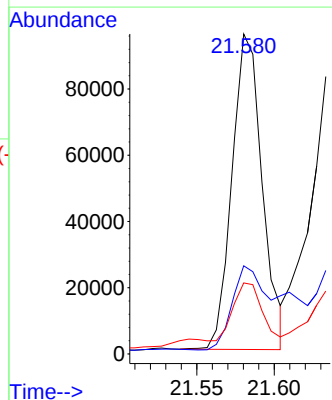
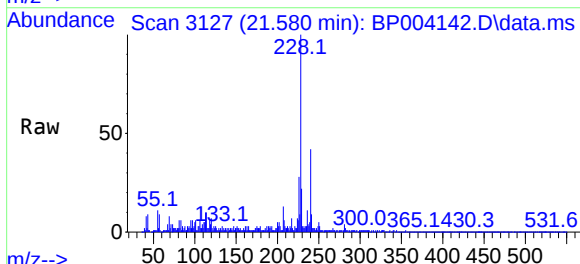
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.8	7.8	11.8

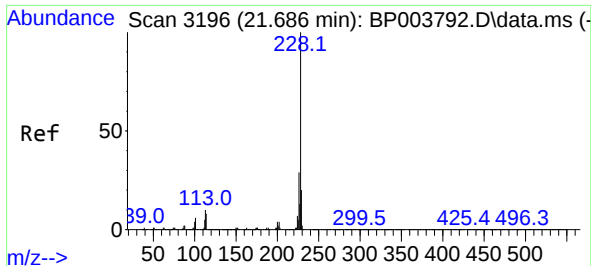


#81
Benzo(a)anthracene
Concen: 3.25 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

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



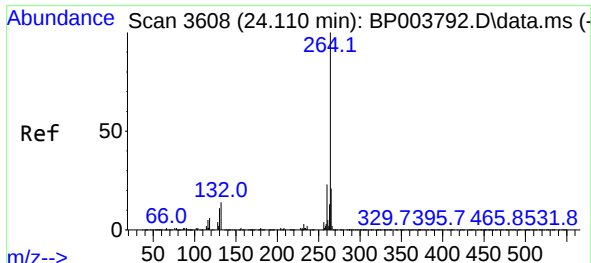
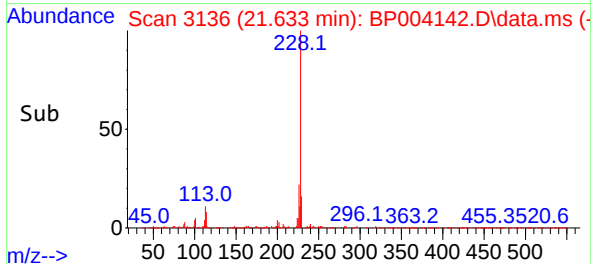
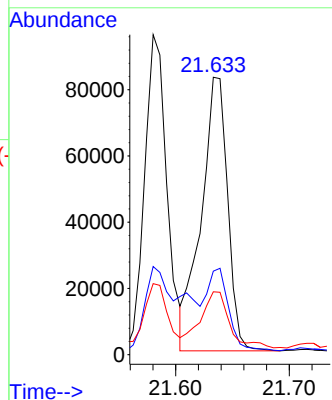
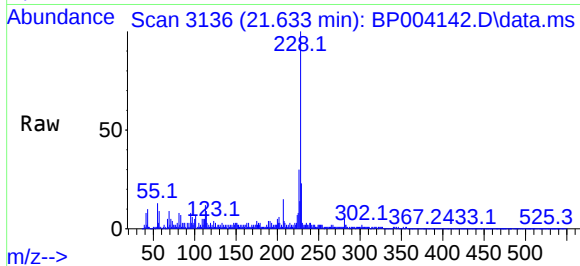


#83
Chrysene
Concen: 3.50 ng
RT: 21.633 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Instrument :
BNA_P
ClientSampleId :
OK-01-12220

Tgt Ion:228 Resp: 133963

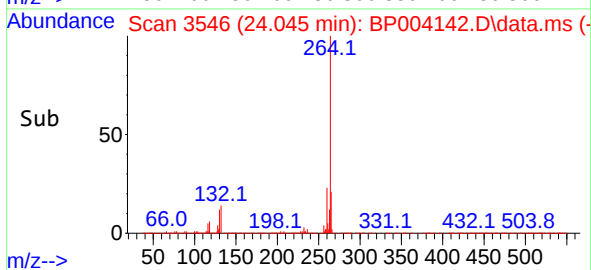
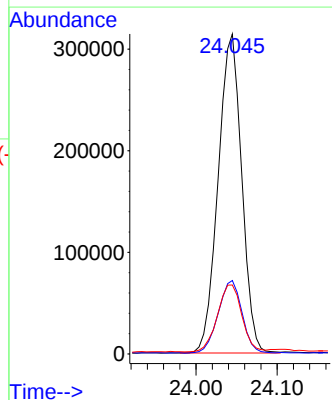
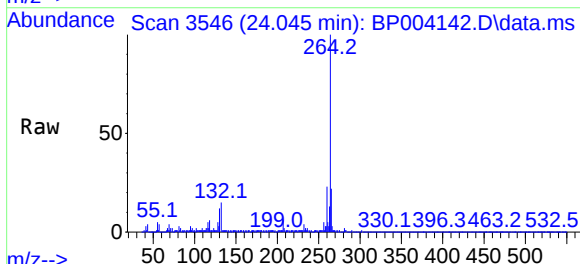
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	22.7	15.8	23.6

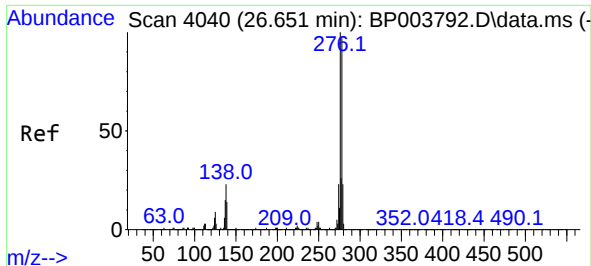


#86
Perylene-d12
Concen: 20.00 ng
RT: 24.045 min Scan# 3546
Delta R.T. 0.006 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

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



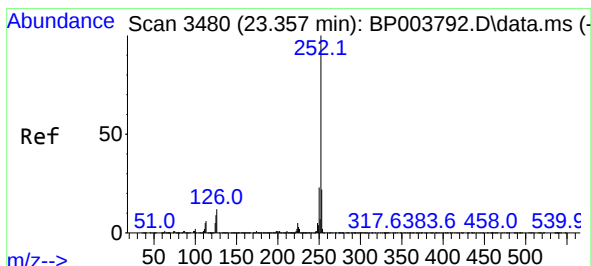
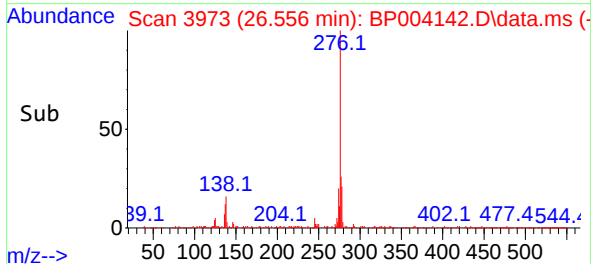
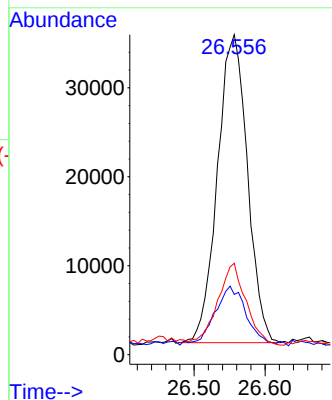
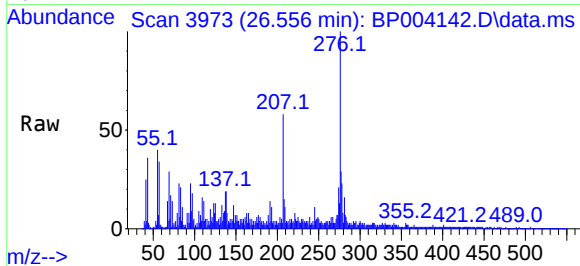


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.22 ng
RT: 26.556 min Scan# 3973
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

Instrument :
BNA_P
ClientSampleId :
OK-01-12220

Tgt Ion: 276 Resp: 101641

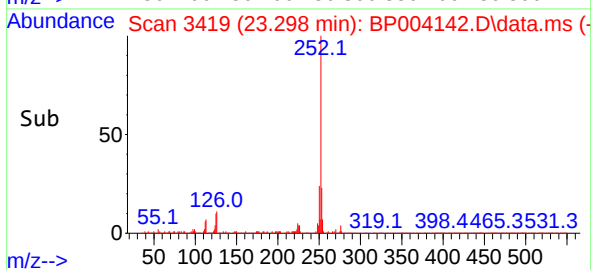
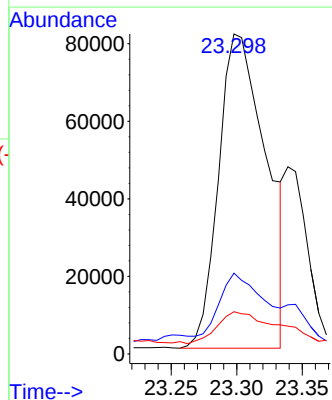
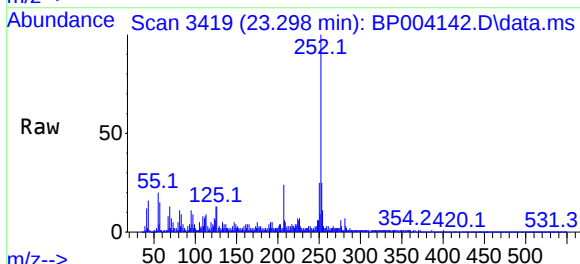
Ion	Ratio	Lower	Upper
276	100		
138	20.0	18.7	28.1
277	25.3	20.4	30.6

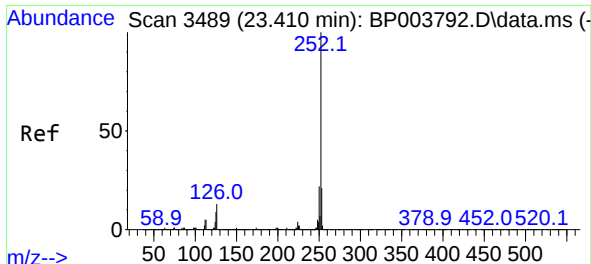


#88
Benzo(b)fluoranthene
Concen: 4.92 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

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

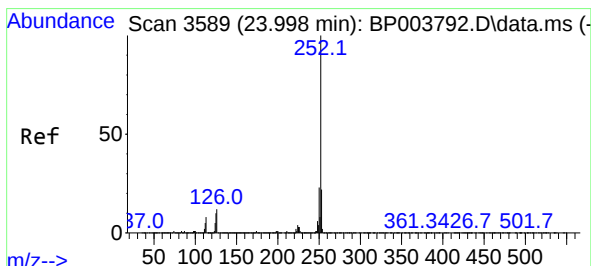
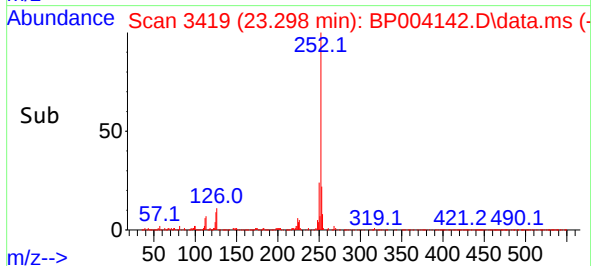
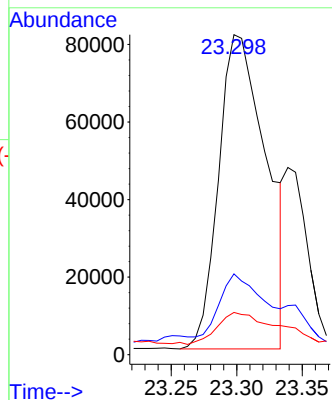
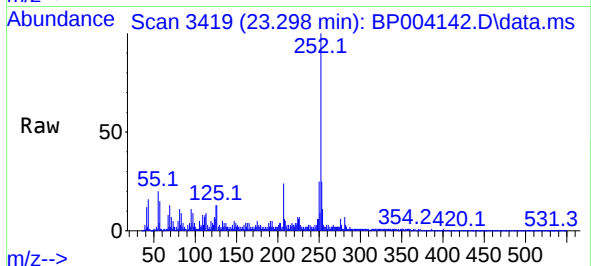




#89
Benzo(k)fluoranthene
Concen: 4.98 ng
RT: 23.298 min Scan# 3419
Delta R.T. -0.047 min
Lab File: BP004142.D
Acq: 03 Dec 2020 22:33

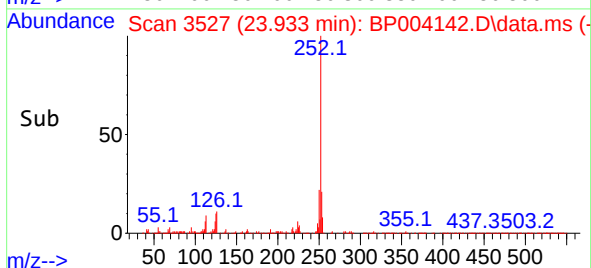
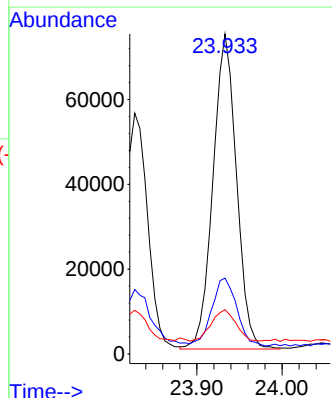
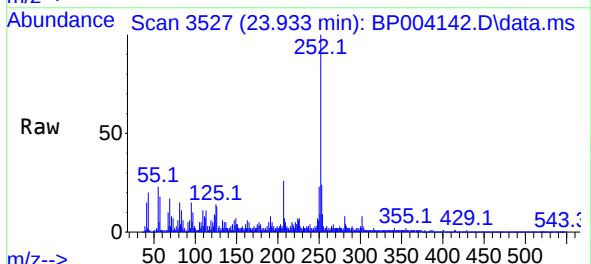
Instrument :
BNA_P
ClientSampleId :
OK-01-12220

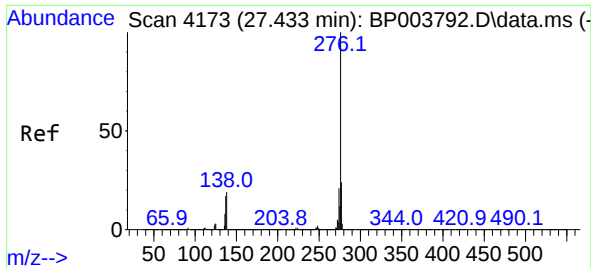
Tgt Ion:252 Resp: 203874
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.8
125 13.2 7.4 11.2#



#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

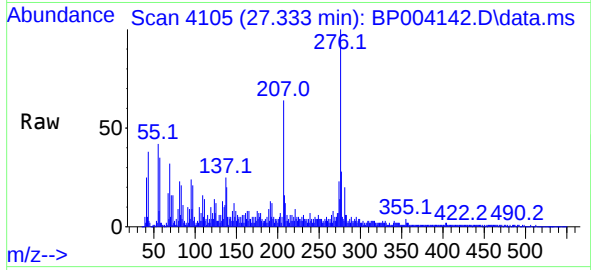
Tgt Ion:252 Resp: 142565
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 13.8 8.2 12.4#





#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

