

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120621\
 Data File : BP008241.D
 Acq On : 06 Dec 2021 22:08
 Operator : CG/JU
 Sample : M4939-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-120321

Quant Time: Dec 07 05:12:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

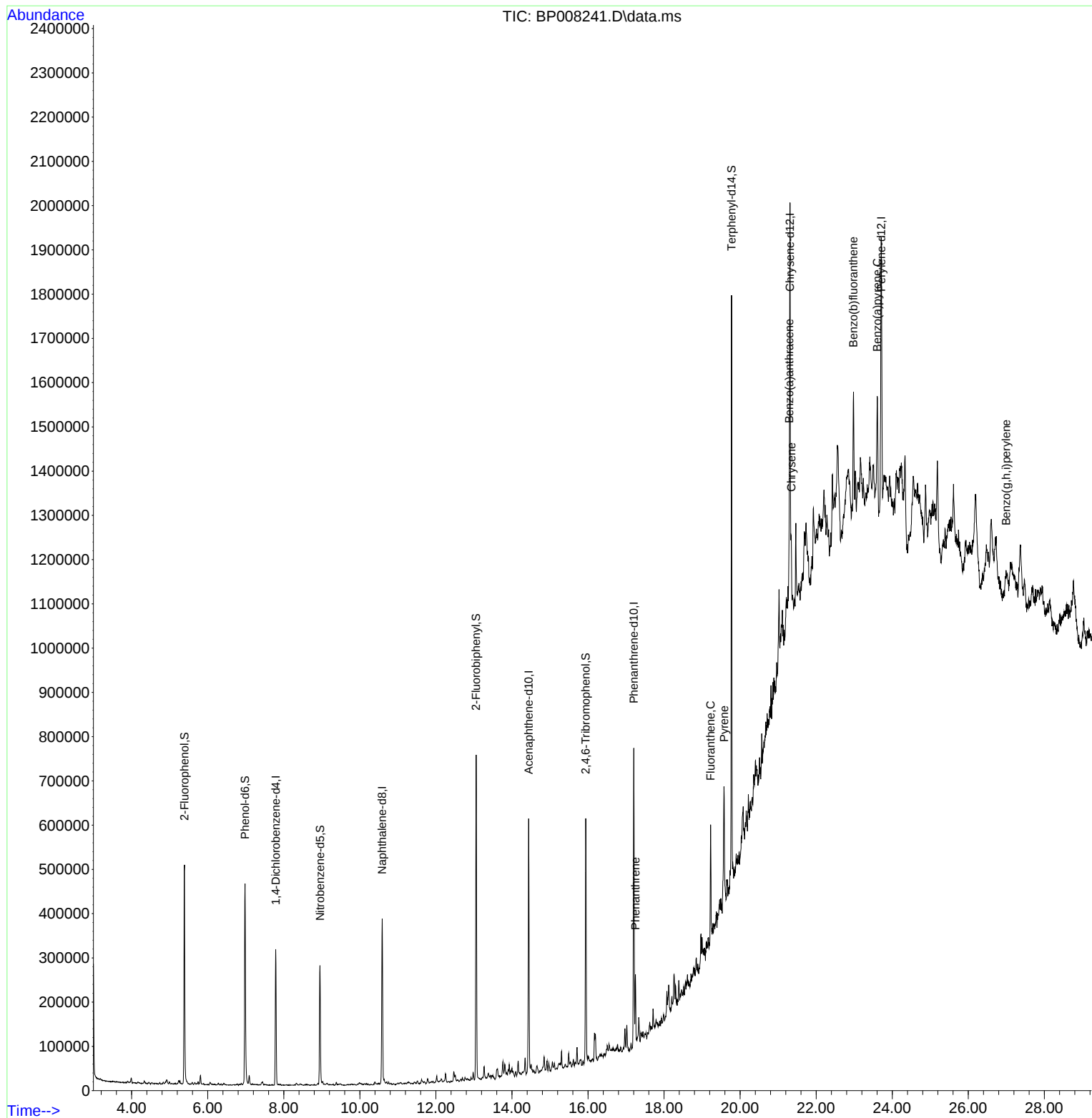
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	78809	20.000	ng	-0.01
21) Naphthalene-d8	10.587	136	287610	20.000	ng	-0.01
39) Acenaphthene-d10	14.440	164	186581	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	394668	20.000	ng	0.00
76) Chrysene-d12	21.310	240	417245	20.000	ng	0.00
86) Perylene-d12	23.710	264	475532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	203406	41.557	ng	0.00
7) Phenol-d6	6.981	99	256906	38.881	ng	0.00
23) Nitrobenzene-d5	8.952	82	164931	26.077	ng	-0.01
42) 2,4,6-Tribromophenol	15.940	330	104084	43.644	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	378892	29.497	ng	-0.01
79) Terphenyl-d14	19.775	244	592891	29.697	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.245	178	93578	4.491	ng	100
75) Fluoranthene	19.222	202	150569	5.364	ng	98
78) Pyrene	19.575	202	158058	3.636	ng	98
81) Benzo(a)anthracene	21.292	228	89243	3.227	ng	# 88
83) Chrysene	21.345	228	93060	3.536	ng	# 88
88) Benzo(b)fluoranthene	22.980	252	119086	4.154	ng	# 71
90) Benzo(a)pyrene	23.604	252	88562	3.615	ng	# 75
92) Benzo(g,h,i)perylene	26.992	276	74757	2.579	ng	# 90

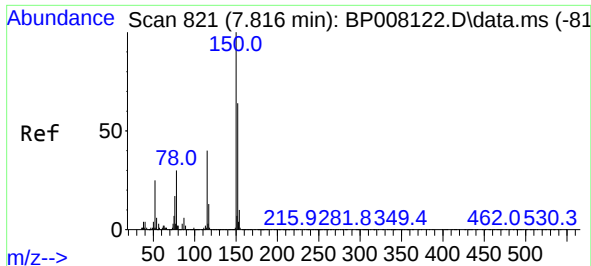
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 14:39:24 2021
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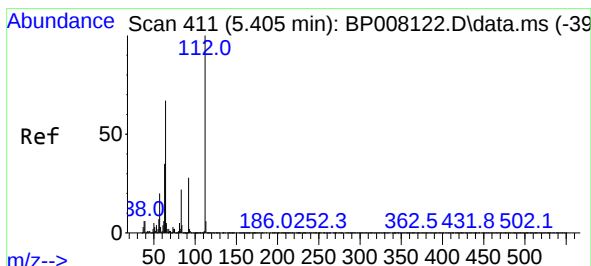
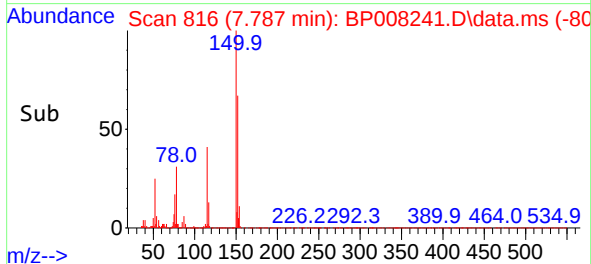
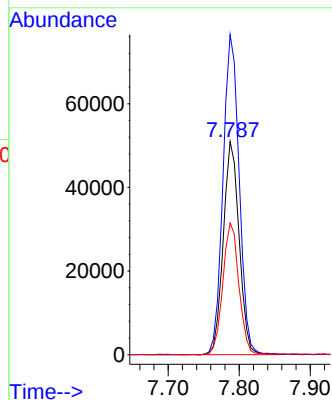
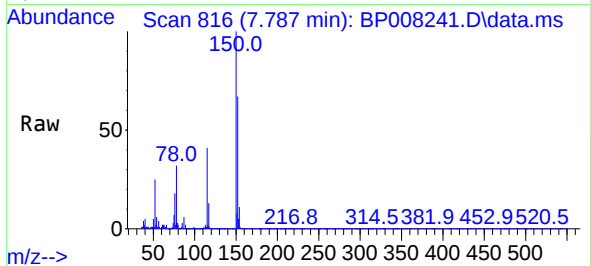




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

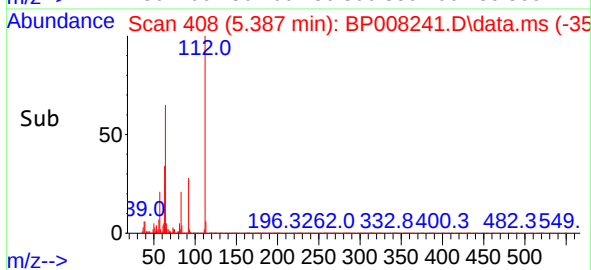
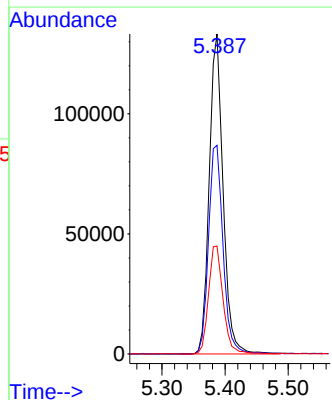
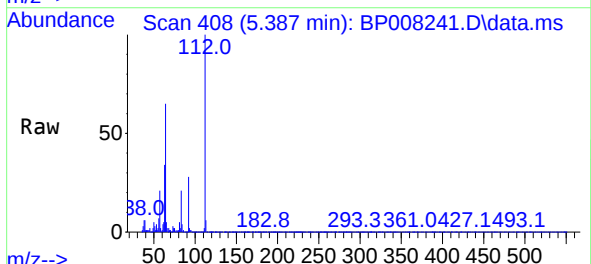
Instrument :
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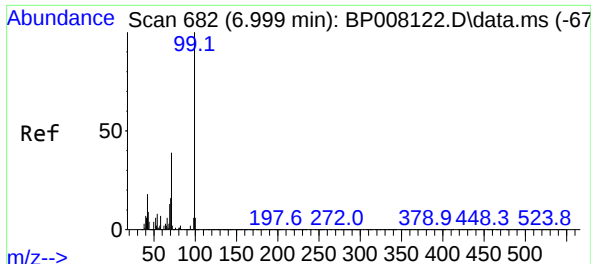
Tgt Ion:152 Resp: 78809
Ion Ratio Lower Upper
152 100
150 150.2 125.7 188.5
115 61.9 50.7 76.1



#5
2-Fluorophenol
Concen: 41.557 ng
RT: 5.387 min Scan# 408
Delta R.T. 0.000 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:112 Resp: 203406
Ion Ratio Lower Upper
112 100
64 65.2 53.4 80.2
63 33.7 27.8 41.8

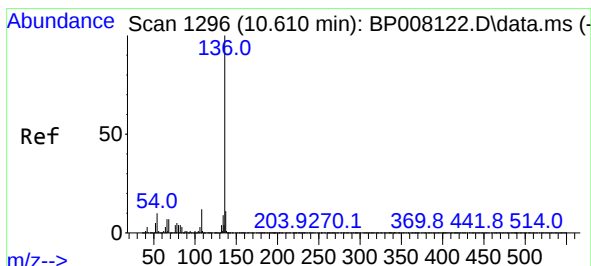
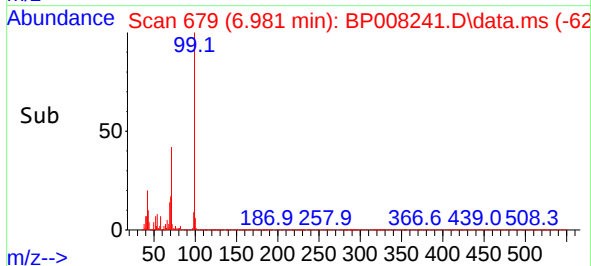
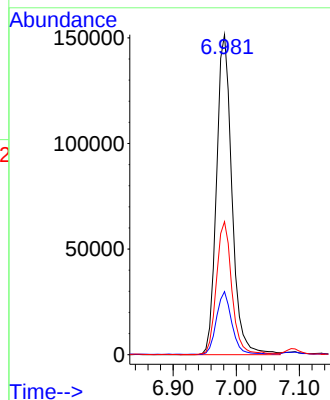
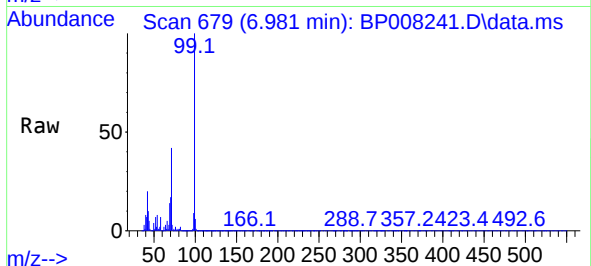




#7
Phenol-d6
Concen: 38.881 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

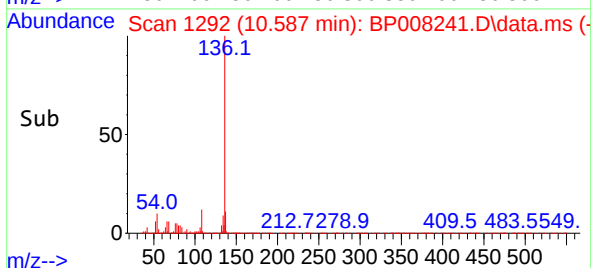
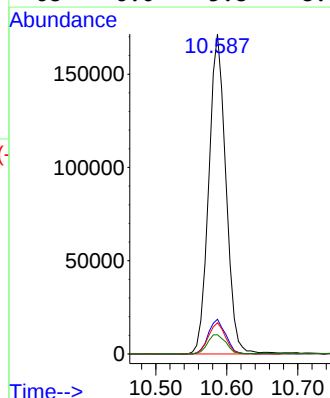
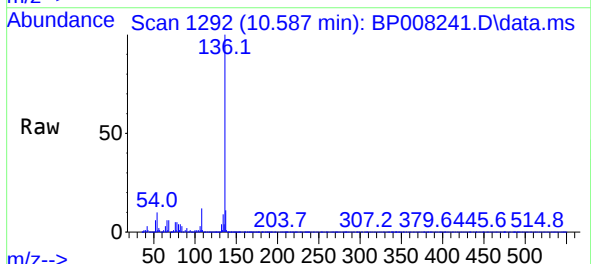
Instrument :
BNA_P
ClientSampleId :
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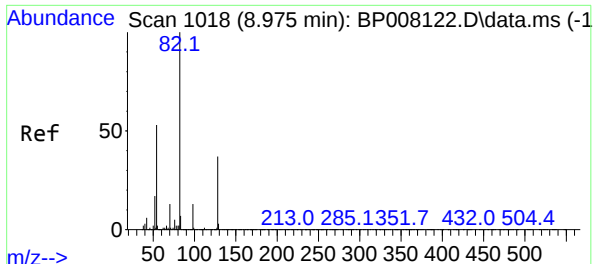
Tgt Ion: 99 Resp: 256906
Ion Ratio Lower Upper
99 100
42 19.7 14.6 22.0
71 41.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion: 136 Resp: 287610
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.8 8.2 12.4
68 6.0 5.8 8.8

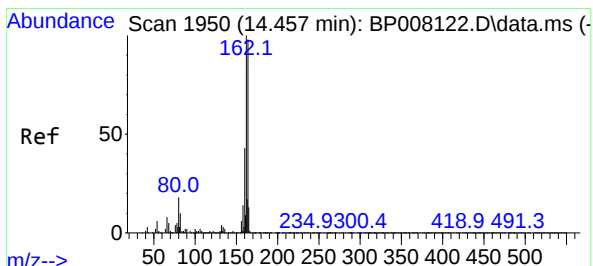
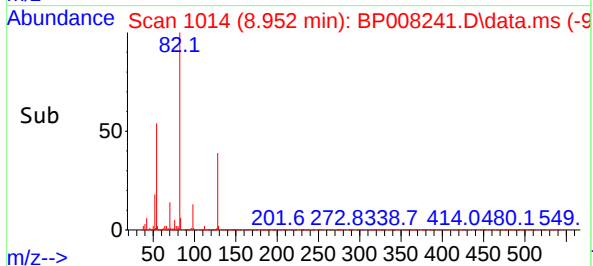
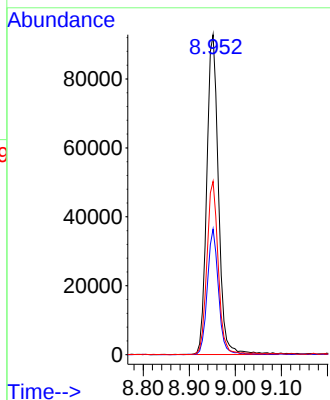
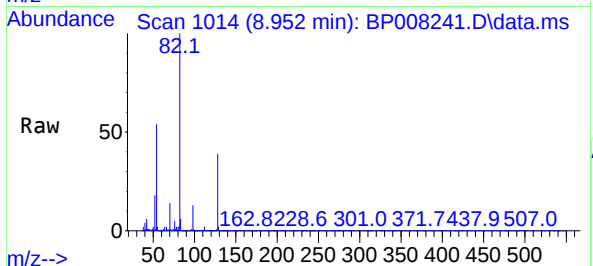




#23
Nitrobenzene-d5
Concen: 26.077 ng
RT: 8.952 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

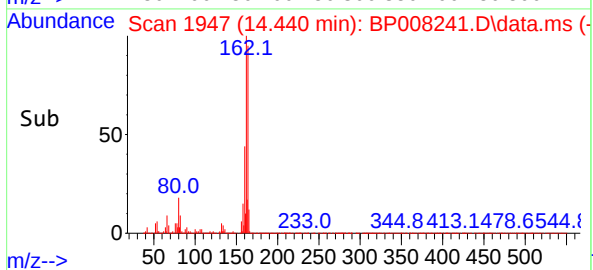
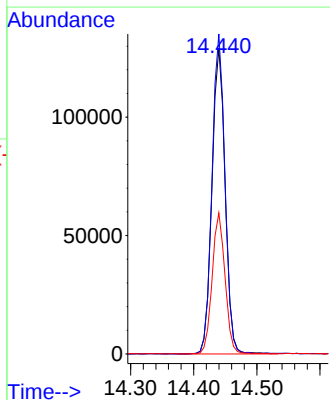
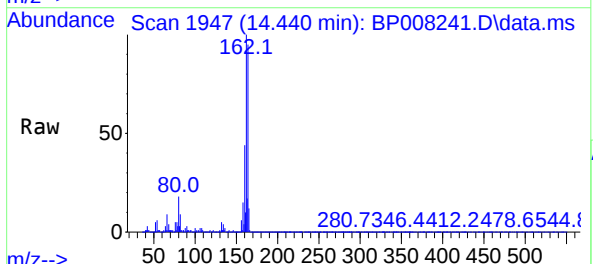
Instrument :
BNA_P
ClientSampleId :
OR-03-120321

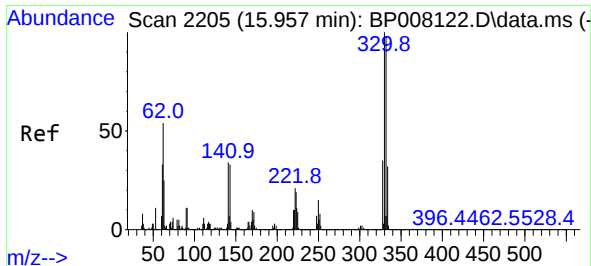
Tgt Ion: 82 Resp: 164931
Ion Ratio Lower Upper
82 100
128 39.3 29.6 44.4
54 54.1 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.440 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion: 164 Resp: 186581
Ion Ratio Lower Upper
164 100
162 104.7 81.9 122.9
160 46.2 35.4 53.0

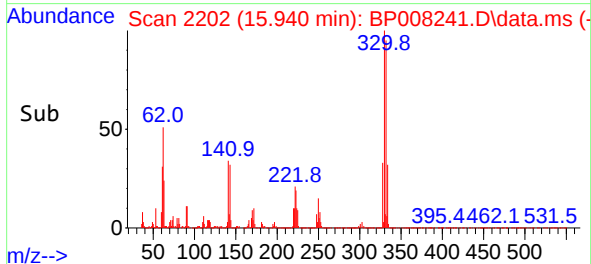
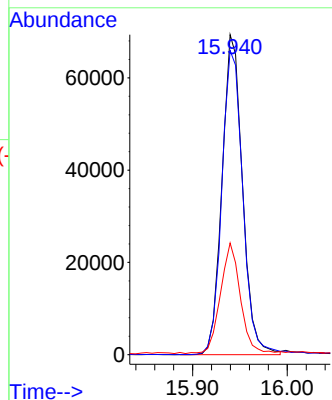
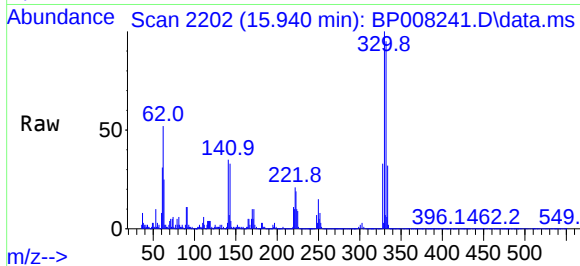




#42
2,4,6-Tribromophenol
Concen: 43.644 ng
RT: 15.940 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

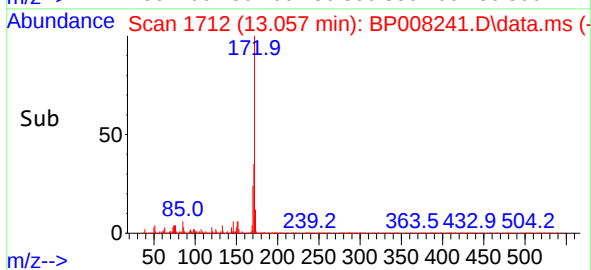
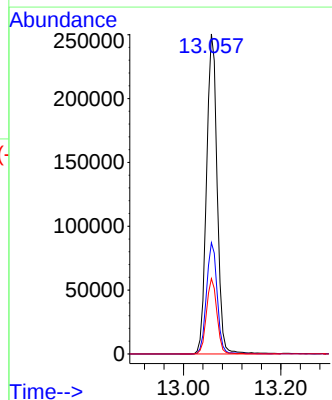
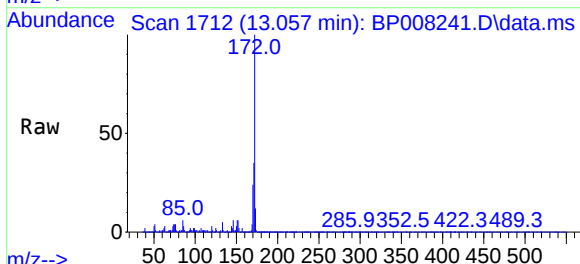
Instrument :
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ClientSampleId :
OR-03-120321

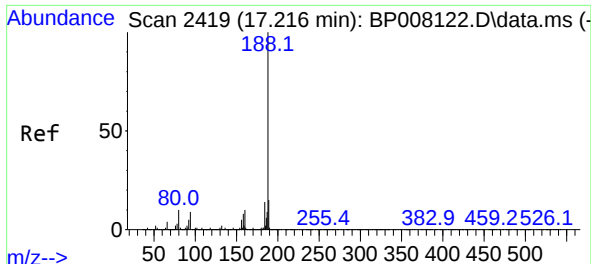
Tgt Ion:	330	Resp:	104084
Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.4
141	33.8	28.4	42.6



#45
2-Fluorobiphenyl
Concen: 29.497 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:	172	Resp:	378892
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	23.6	18.9	28.3

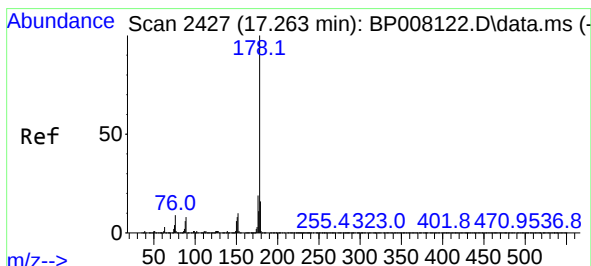
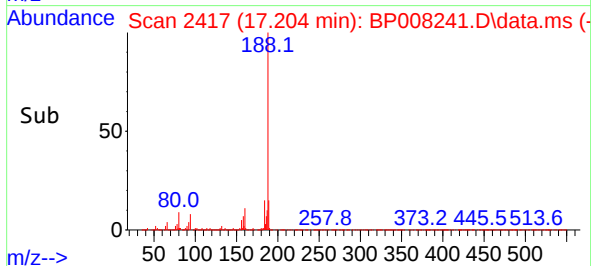
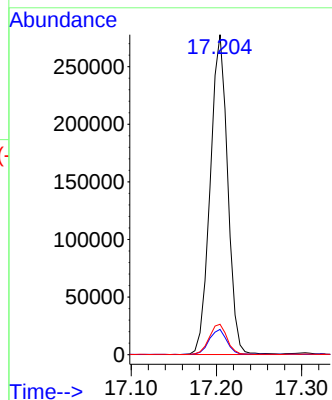
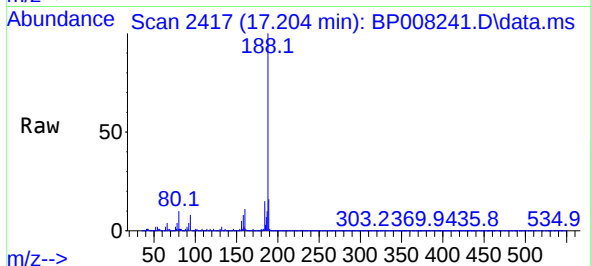




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

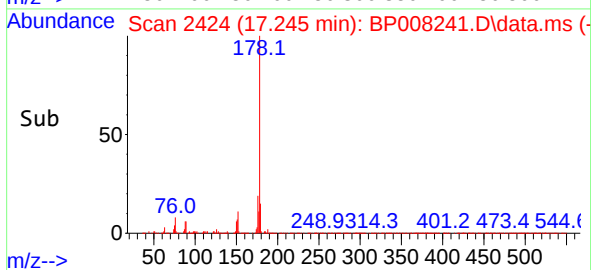
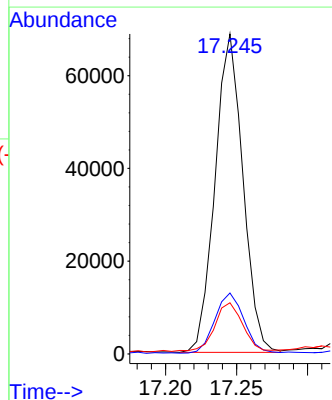
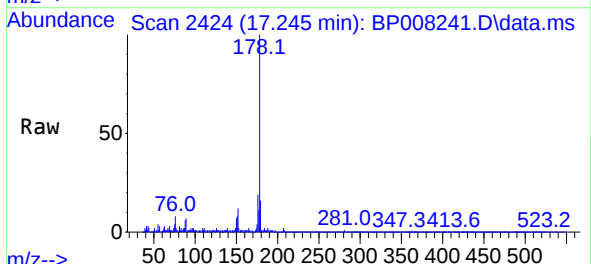
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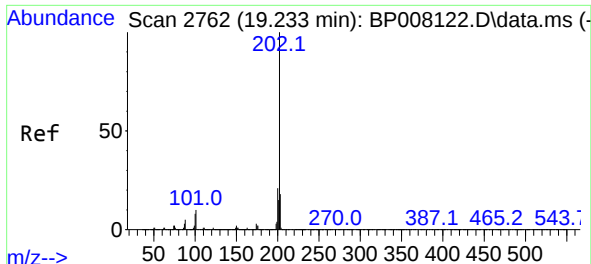
Tgt Ion:188 Resp: 394668
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.5 8.2 12.4



#71
Phenanthrene
Concen: 4.491 ng
RT: 17.245 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:178 Resp: 93578
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 16.0 12.5 18.7

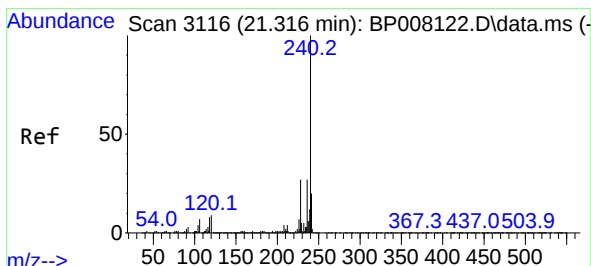
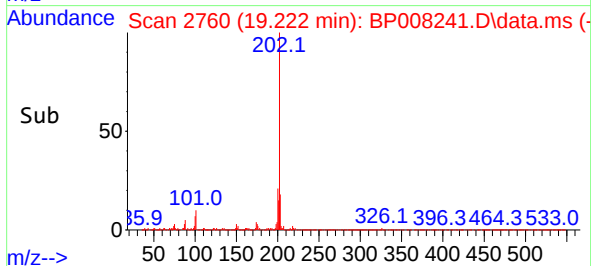
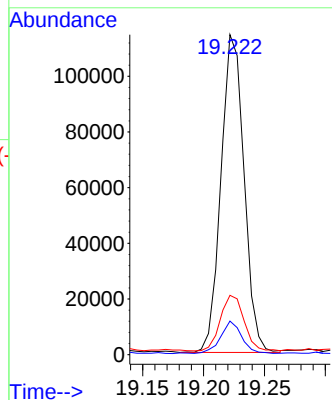
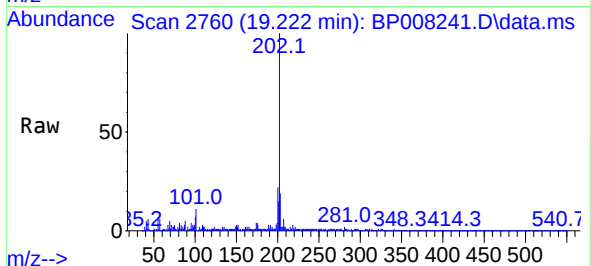




#75
Fluoranthene
Concen: 5.364 ng
RT: 19.222 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

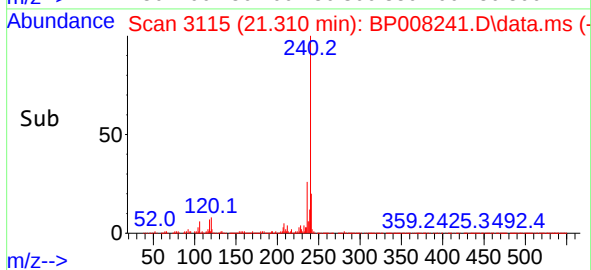
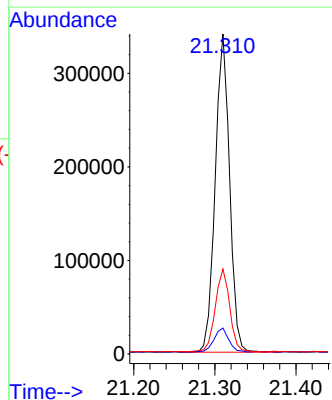
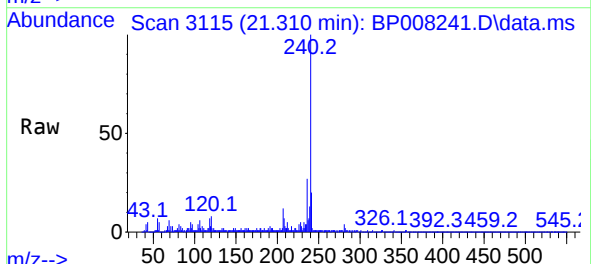
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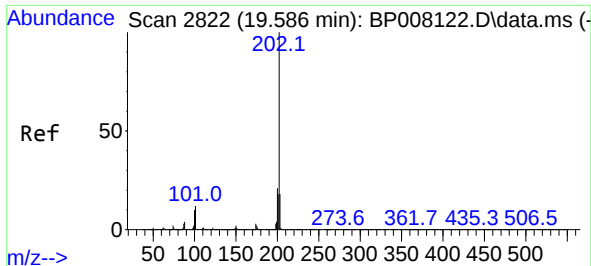
Tgt Ion:202 Resp: 150569
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.8
203 18.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:240 Resp: 417245
Ion Ratio Lower Upper
240 100
120 8.1 7.3 10.9
236 26.5 21.4 32.2

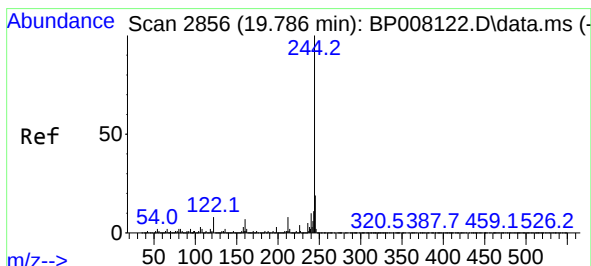
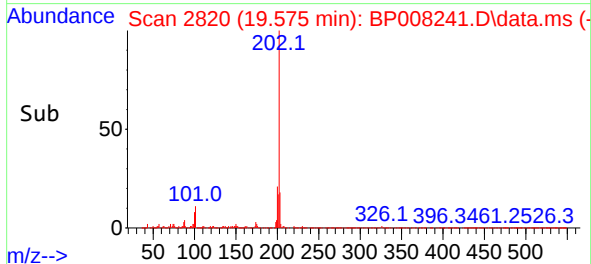
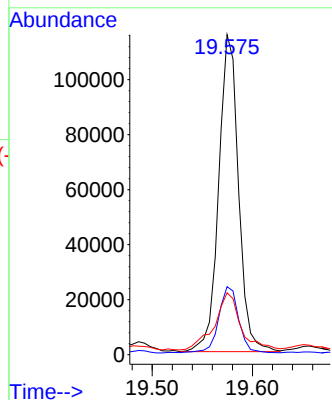
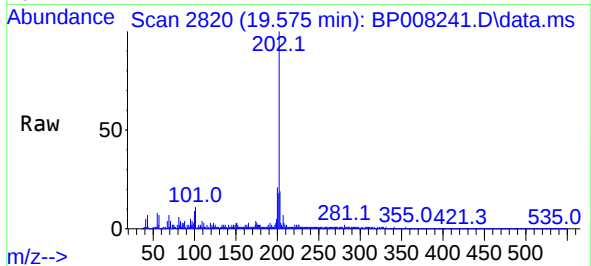




#78
Pyrene
Concen: 3.636 ng
RT: 19.575 min Scan# 2820
Delta R.T. -0.012 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

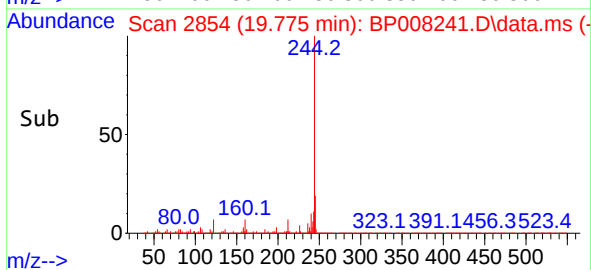
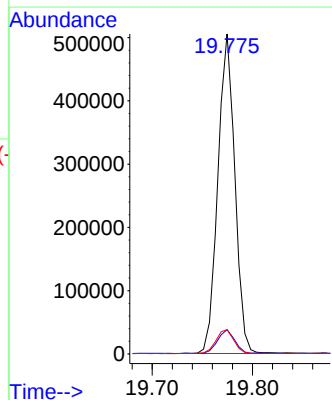
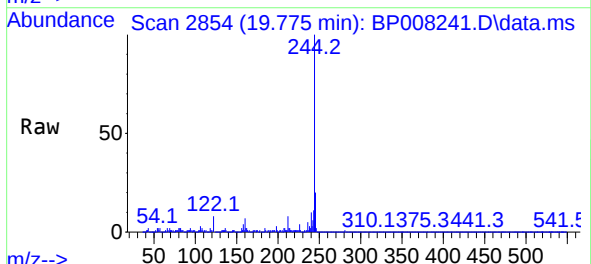
Instrument :
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OR-03-120321

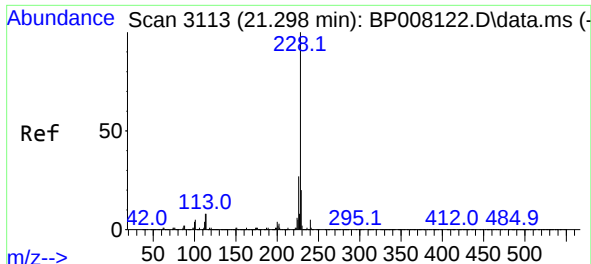
Tgt Ion:202 Resp: 158058
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 19.4 14.2 21.2



#79
Terphenyl-d14
Concen: 29.697 ng
RT: 19.775 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:244 Resp: 592891
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 7.6 6.6 9.8

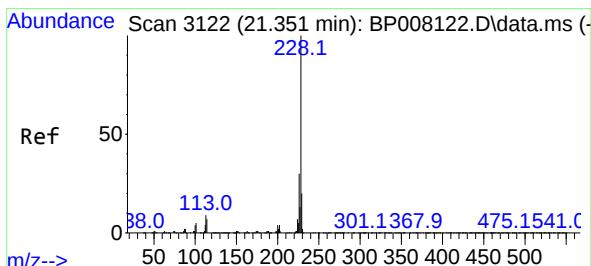
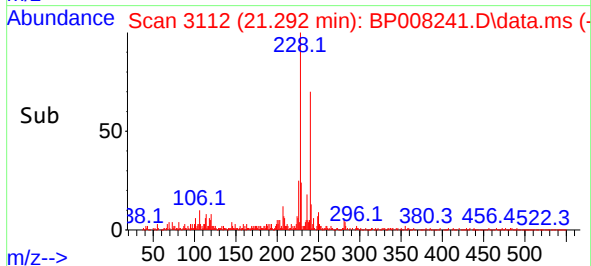
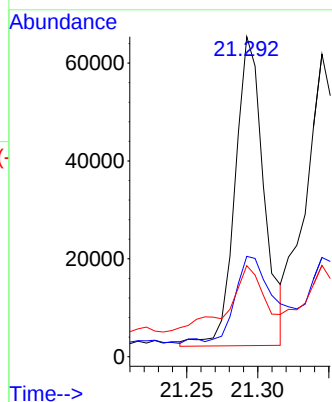
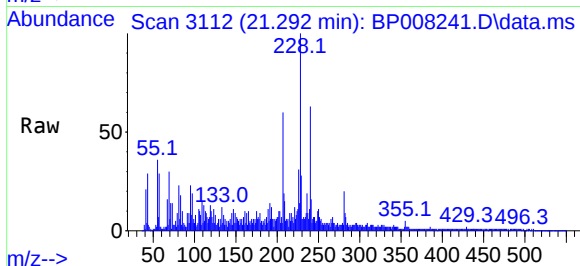




#81
Benzo(a)anthracene
Concen: 3.227 ng
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

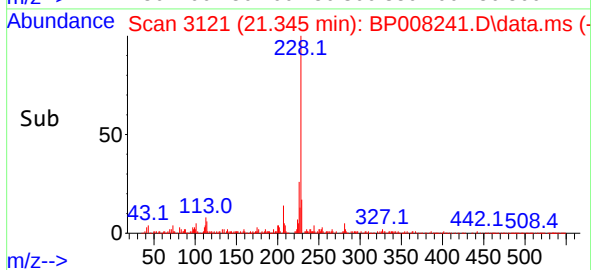
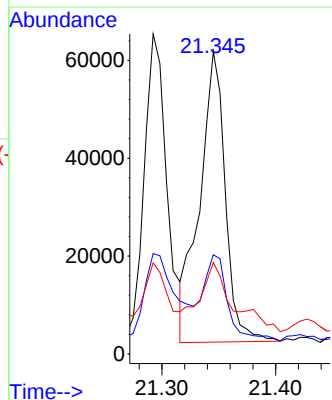
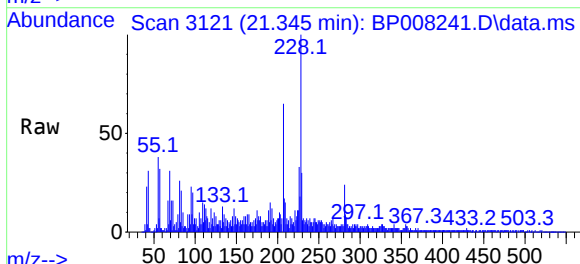
Instrument :
BNA_P
ClientSampleId :
OR-03-120321

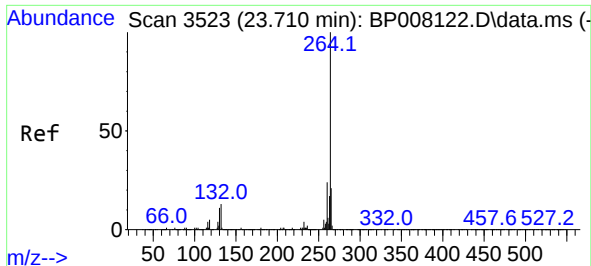
Tgt Ion:228 Resp: 89243
Ion Ratio Lower Upper
228 100
226 31.4 21.9 32.9
229 28.5 15.9 23.9#



#83
Chrysene
Concen: 3.536 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:228 Resp: 93060
Ion Ratio Lower Upper
228 100
226 32.8 24.0 36.0
229 30.2 15.8 23.8#



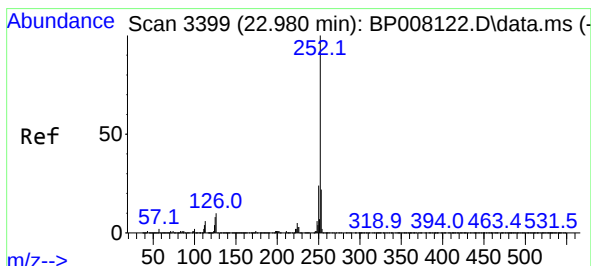
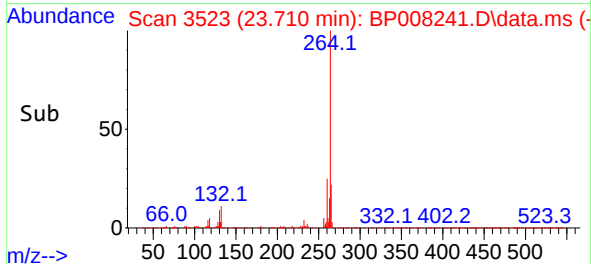
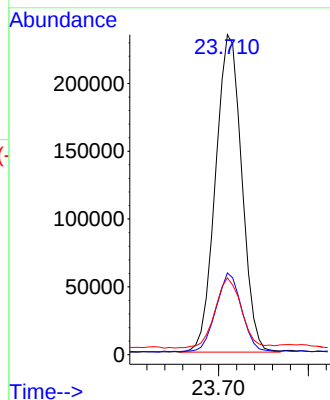
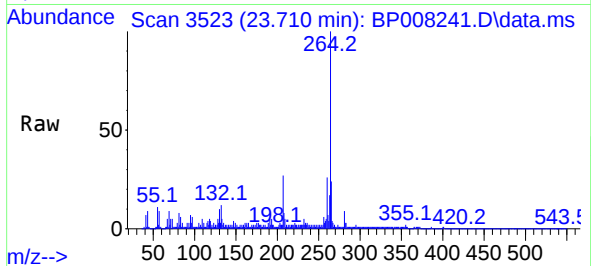


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.710 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Instrument :
BNA_P
ClientSampleId :
OR-03-120321

Tgt Ion:264 Resp: 475532

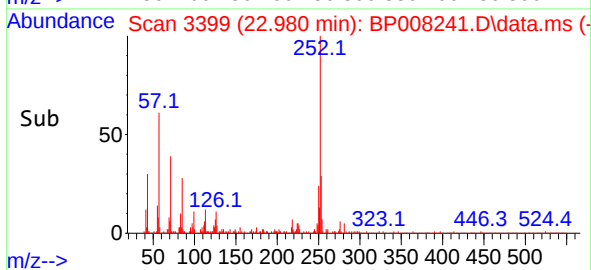
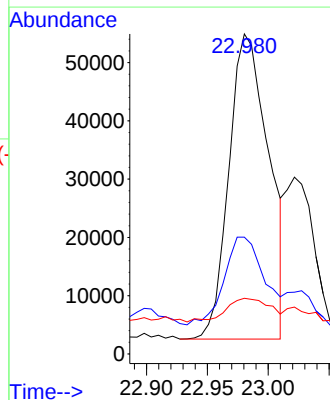
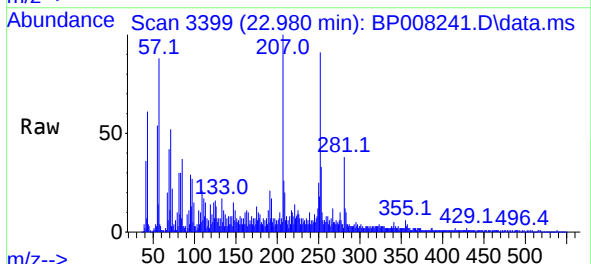
Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.4	29.2
265	24.0	17.6	26.4

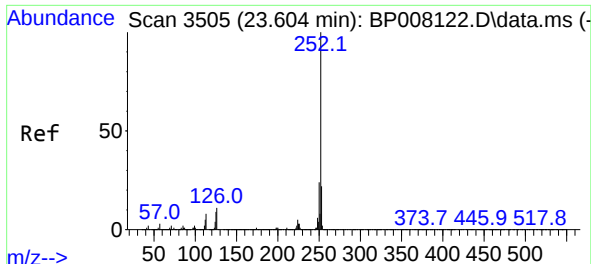


#88
Benzo(b)fluoranthene
Concen: 4.154 ng
RT: 22.980 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:252 Resp: 119086

Ion	Ratio	Lower	Upper
252	100		
253	36.5	17.7	26.5#
125	17.4	6.2	9.4#

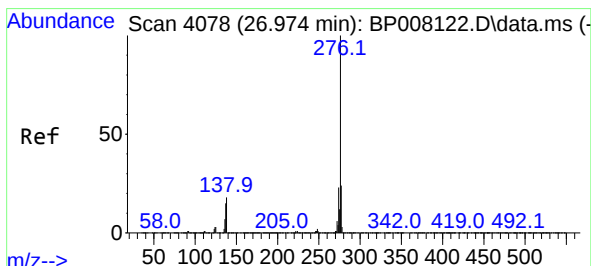
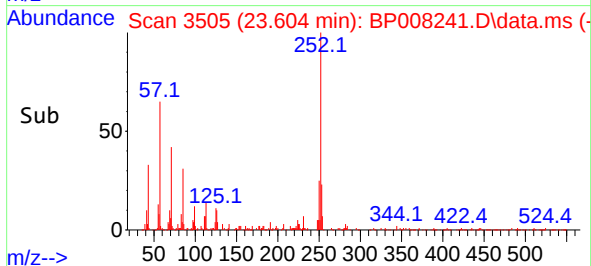
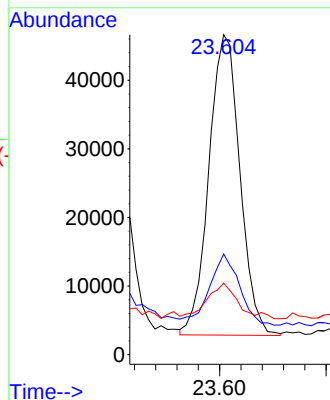
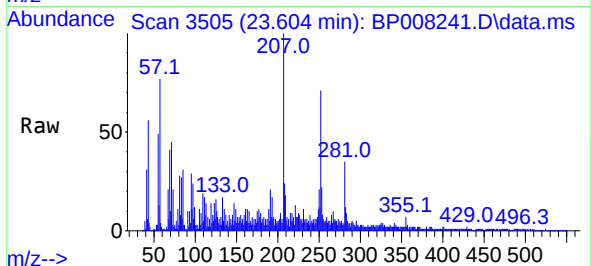




#90
Benzo(a)pyrene
Concen: 3.615 ng
RT: 23.604 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Instrument :
BNA_P
ClientSampleId :
OR-03-120321

Tgt Ion:252 Resp: 88562
Ion Ratio Lower Upper
252 100
253 31.4 17.6 26.4#
125 22.3 7.4 11.0#



#92
Benzo(g,h,i)perylene
Concen: 2.579 ng
RT: 26.992 min Scan# 4081
Delta R.T. -0.006 min
Lab File: BP008241.D
Acq: 06 Dec 2021 22:08

Tgt Ion:276 Resp: 74757
Ion Ratio Lower Upper
276 100
277 31.8 20.0 30.0#
138 20.3 14.1 21.1

