

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008422.D
 Acq On : 15 Dec 2021 18:08
 Operator : CG/JU
 Sample : M5017-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP1

Quant Time: Dec 15 18:55:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

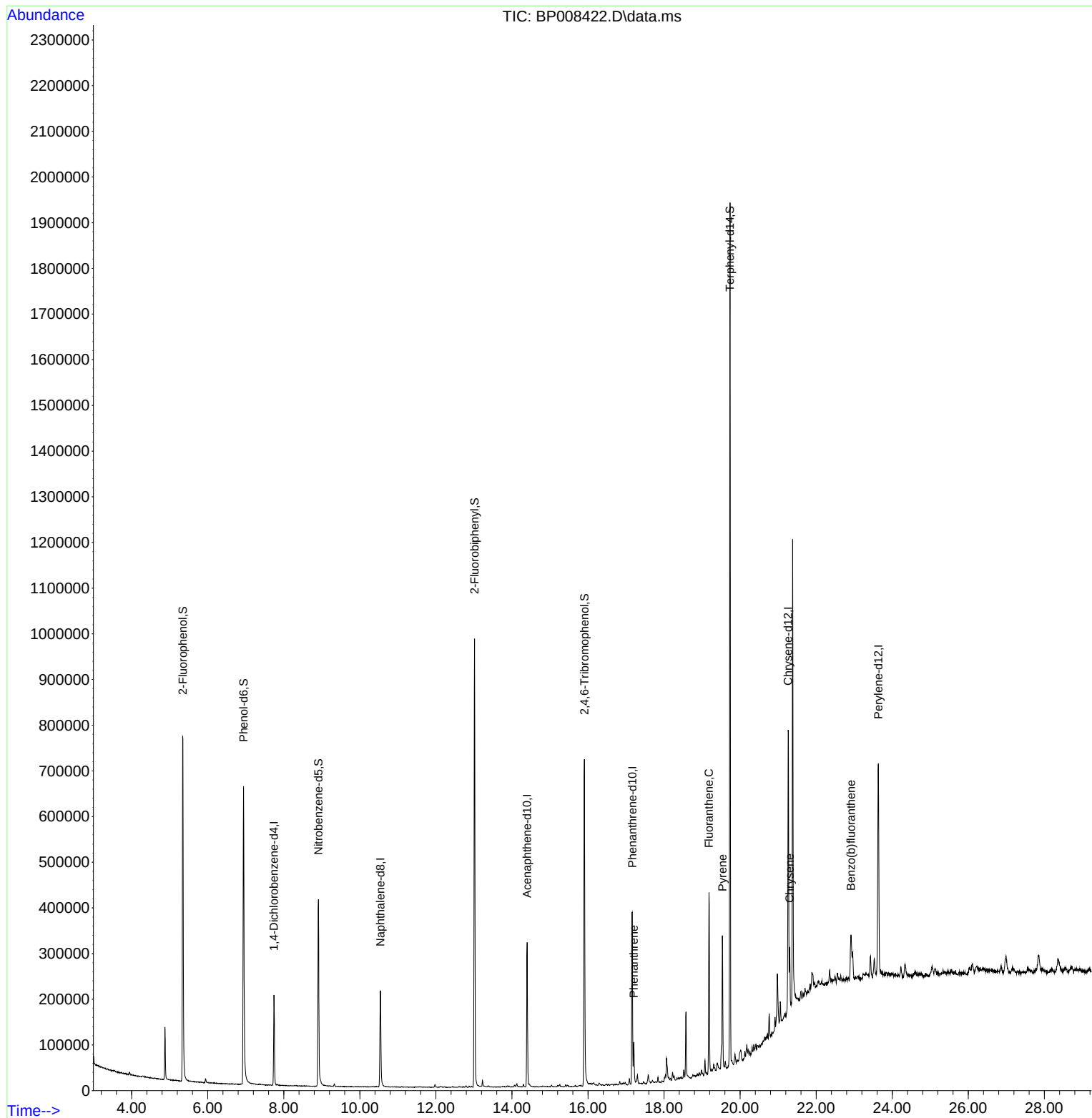
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	50636	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	178259	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	113430	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	240508	20.000	ng	0.00
76) Chrysene-d12	21.263	240	303506	20.000	ng	0.00
86) Perylene-d12	23.633	264	360457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	322875	100.698	ng	0.00
7) Phenol-d6	6.940	99	398294	92.490	ng	0.00
23) Nitrobenzene-d5	8.910	82	262964	62.496	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	156421	93.837	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	512875	57.477	ng	0.00
79) Terphenyl-d14	19.733	244	870039	49.890	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.204	178	56288	4.320	ng	99
75) Fluoranthene	19.180	202	234361	15.933	ng	98
78) Pyrene	19.533	202	180422	8.309	ng	98
83) Chrysene	21.304	228	84154	4.331	ng	98
88) Benzo(b)fluoranthene	22.916	252	80290	3.703	ng	97

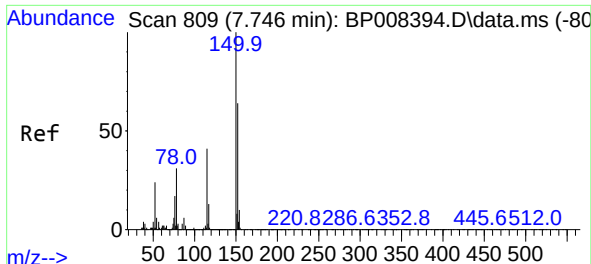
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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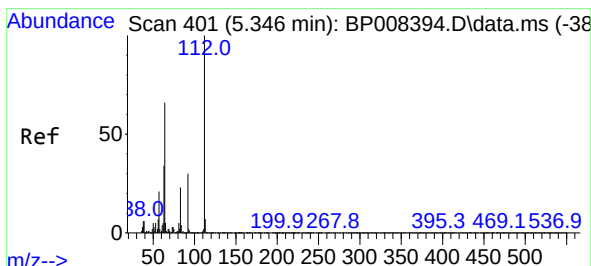
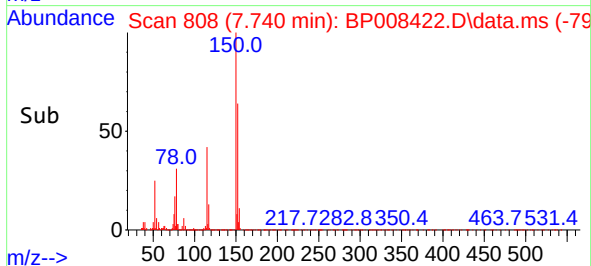
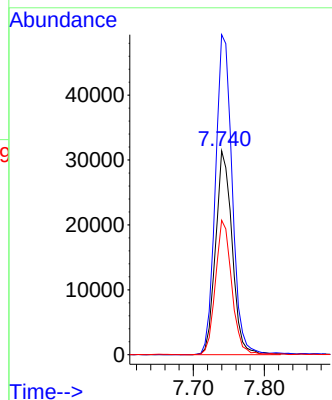
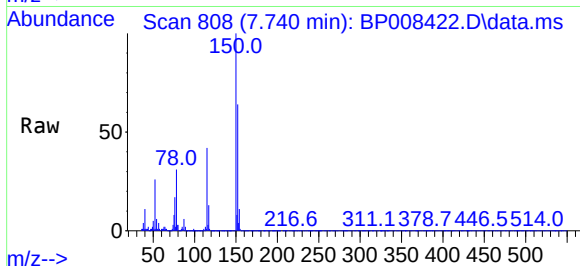




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

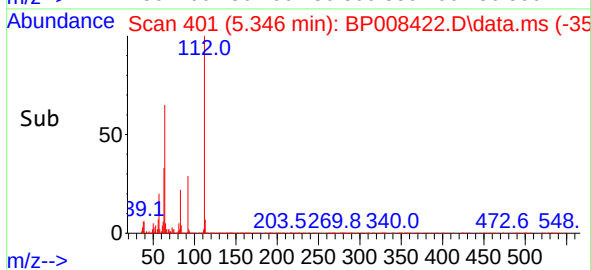
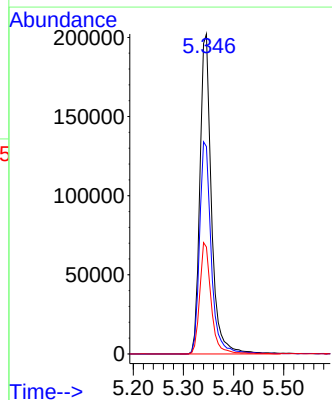
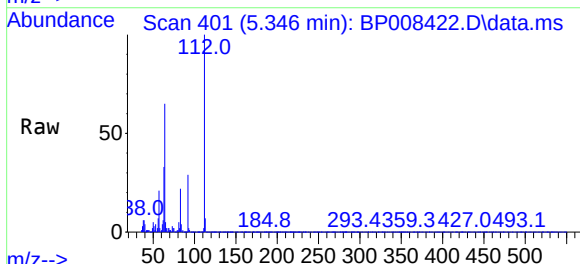
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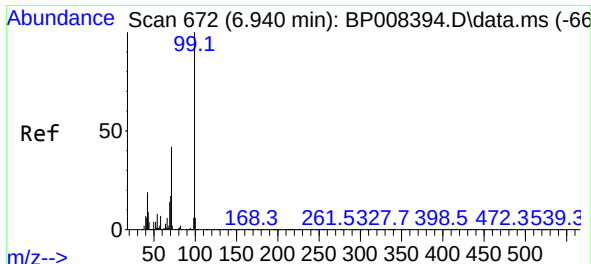
Tgt Ion:152 Resp: 50636
Ion Ratio Lower Upper
152 100
150 157.0 125.7 188.5
115 66.0 50.7 76.1



#5
2-Fluorophenol
Concen: 100.698 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

Tgt Ion:112 Resp: 322875
Ion Ratio Lower Upper
112 100
64 64.8 53.4 80.2
63 33.4 27.8 41.8

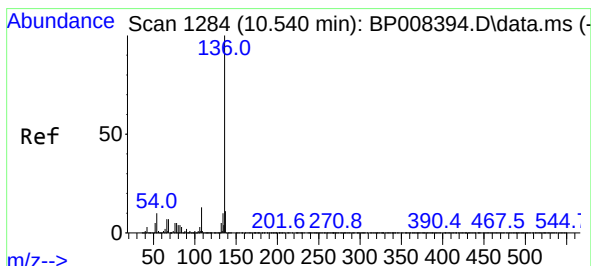
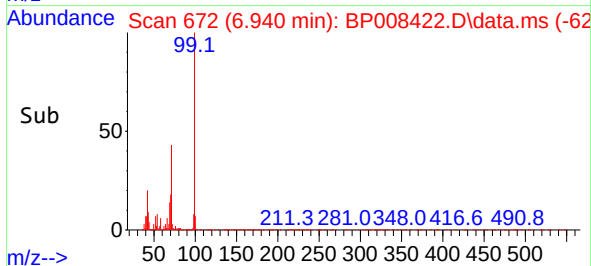
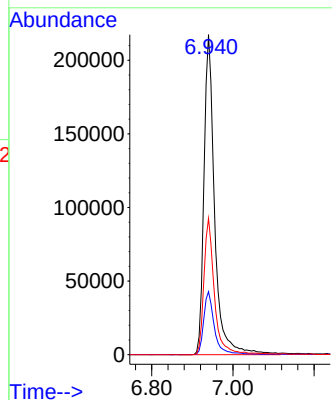
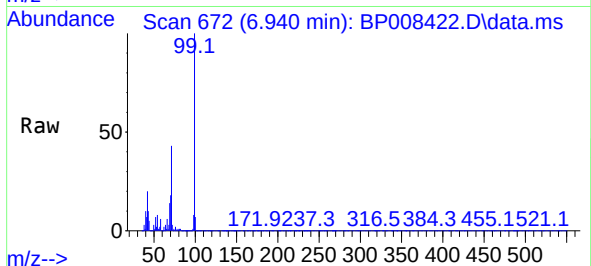




#7
Phenol-d6
Concen: 92.490 ng
RT: 6.940 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

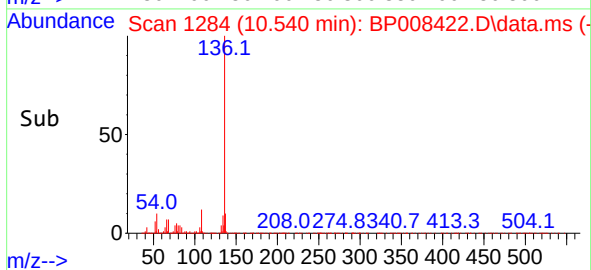
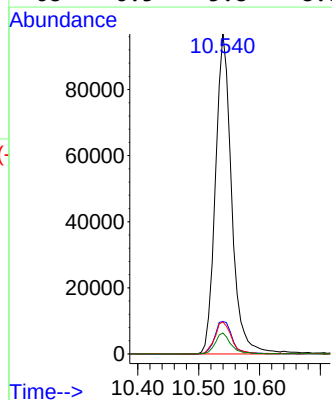
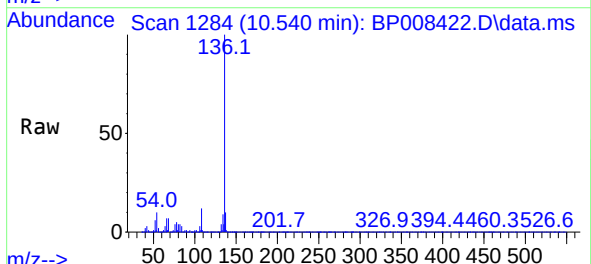
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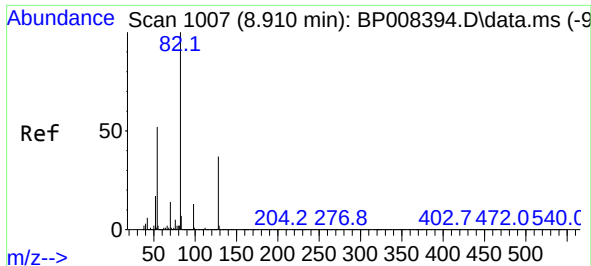
Tgt Ion: 99 Resp: 398294
Ion Ratio Lower Upper
99 100
42 19.7 14.6 22.0
71 42.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

Tgt Ion: 136 Resp: 178259
Ion Ratio Lower Upper
136 100
137 10.2 9.0 13.6
54 10.0 8.2 12.4
68 6.5 5.8 8.8

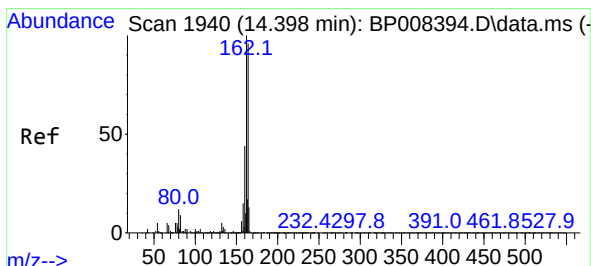
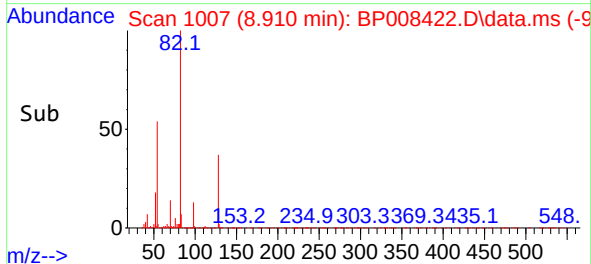
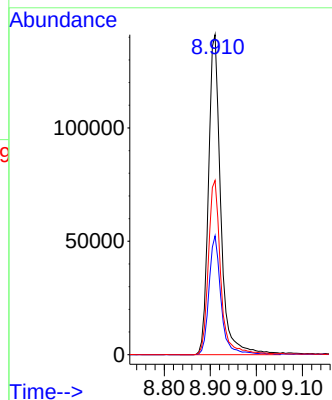
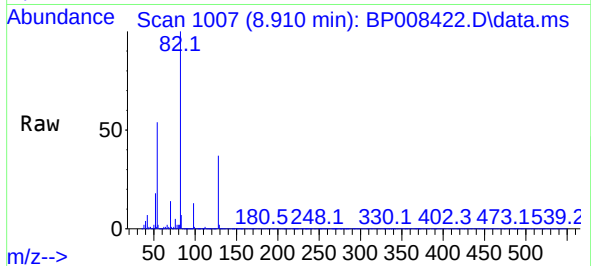




#23
Nitrobenzene-d5
Concen: 62.496 ng
RT: 8.910 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

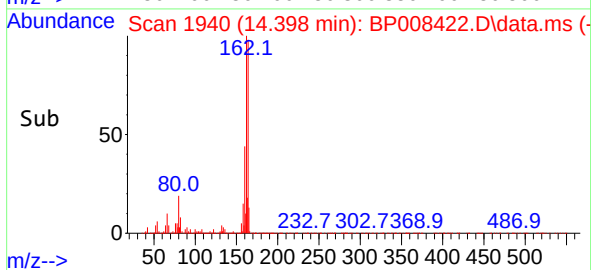
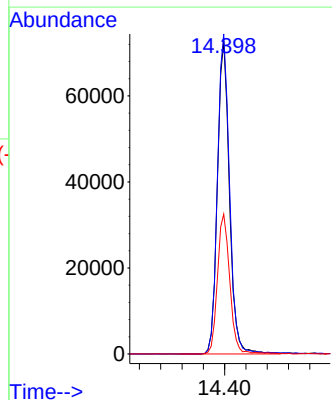
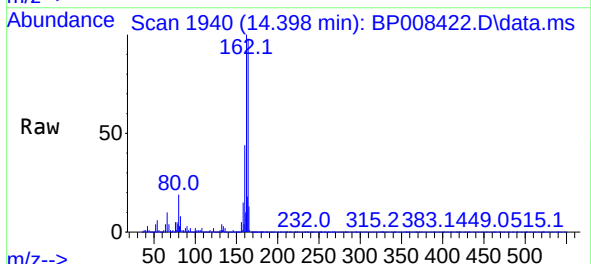
Instrument :
BNA_P
ClientSampleId :
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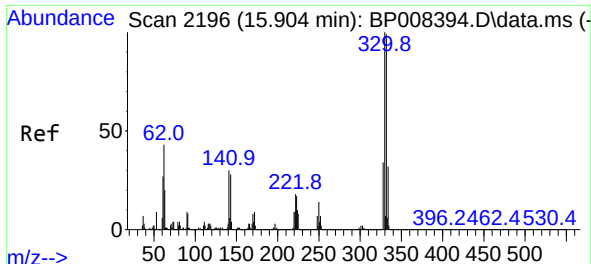
Tgt Ion: 82 Resp: 262964
Ion Ratio Lower Upper
82 100
128 37.2 29.6 44.4
54 54.4 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

Tgt Ion: 164 Resp: 113430
Ion Ratio Lower Upper
164 100
162 102.5 81.9 122.9
160 44.8 35.4 53.0

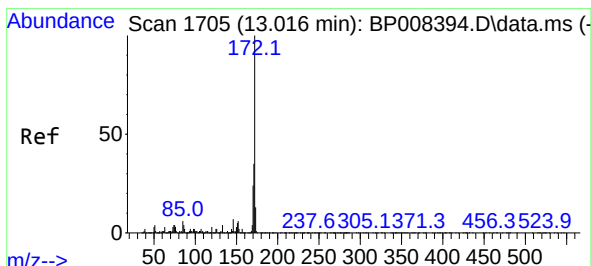
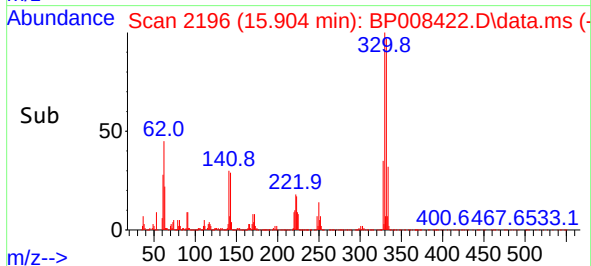
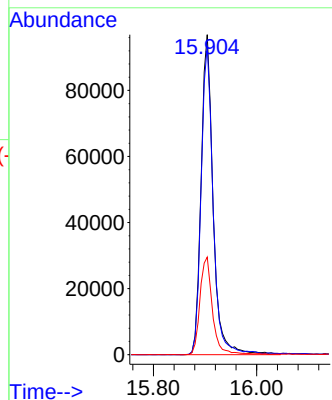
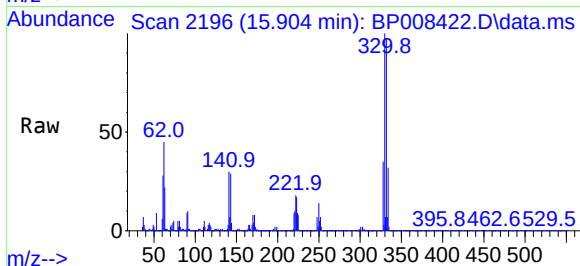




#42
2,4,6-Tribromophenol
Concen: 93.837 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

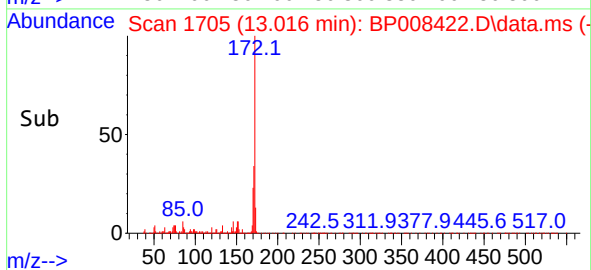
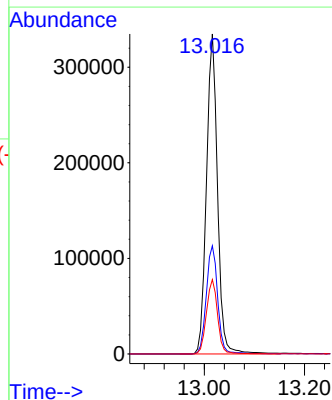
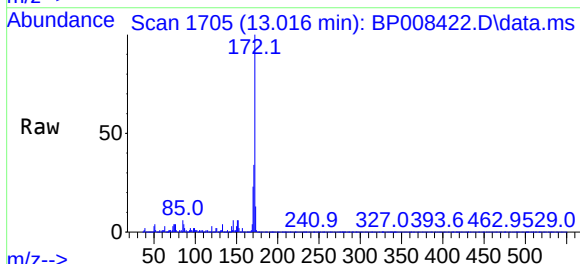
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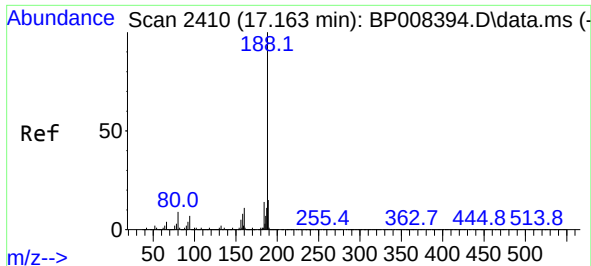
Tgt Ion:330 Resp: 156421
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 31.9 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 57.477 ng
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

Tgt Ion:172 Resp: 512875
Ion Ratio Lower Upper
172 100
171 33.8 28.0 42.0
170 23.2 18.9 28.3

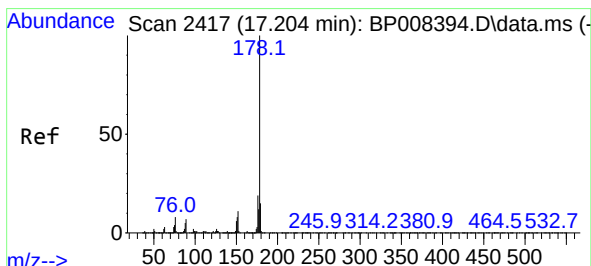
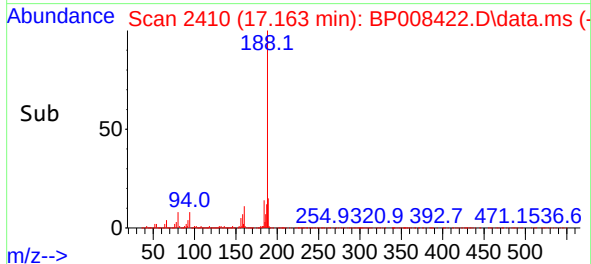
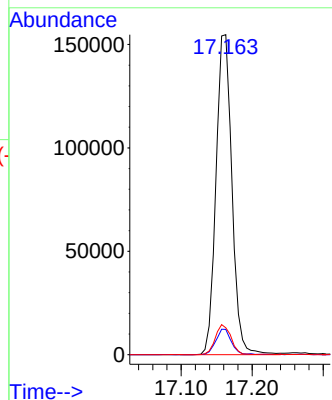
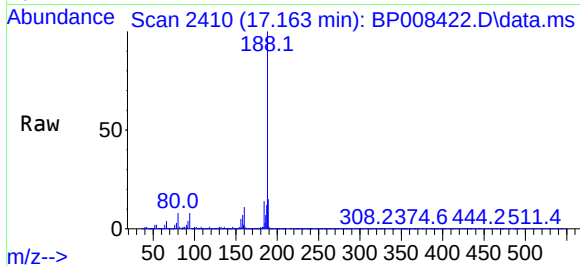




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

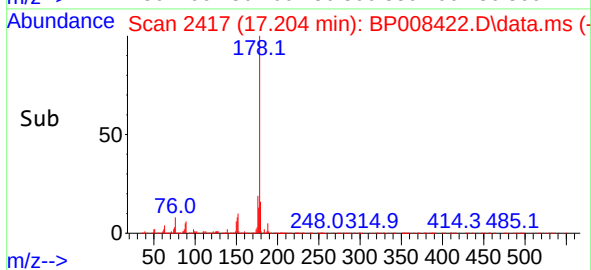
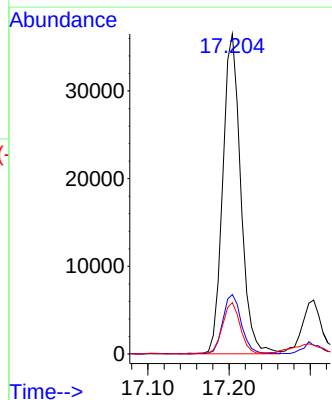
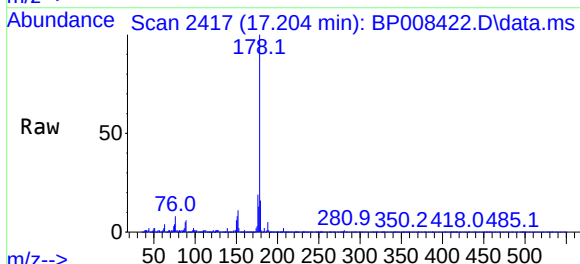
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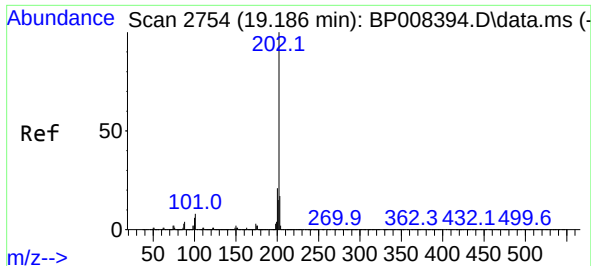
Tgt Ion:188 Resp: 240508
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 8.4 8.2 12.4



#71
Phenanthrene
Concen: 4.320 ng
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

Tgt Ion:178 Resp: 56288
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 16.1 12.5 18.7

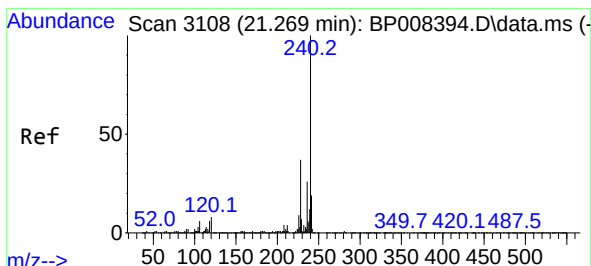
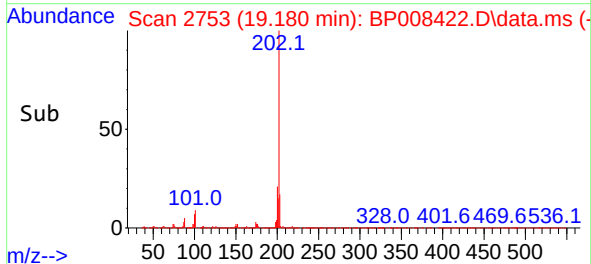
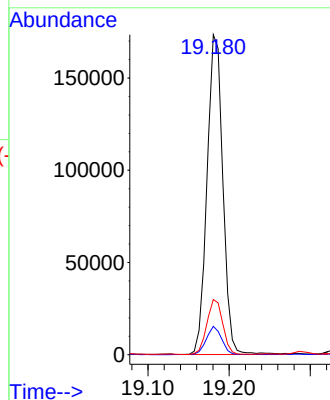
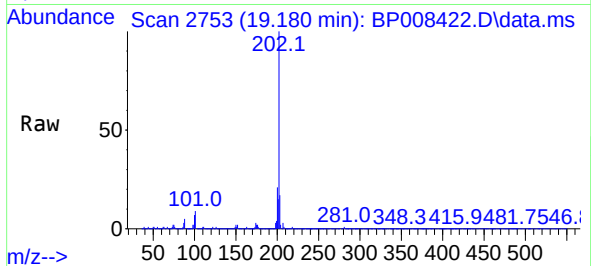




#75
Fluoranthene
Concen: 15.933 ng
RT: 19.180 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

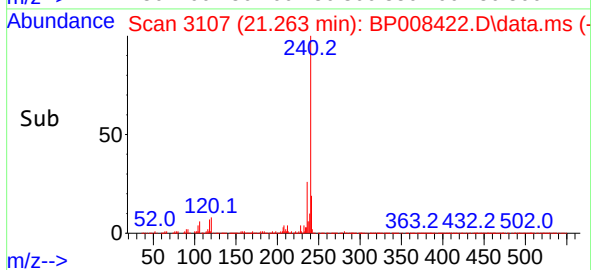
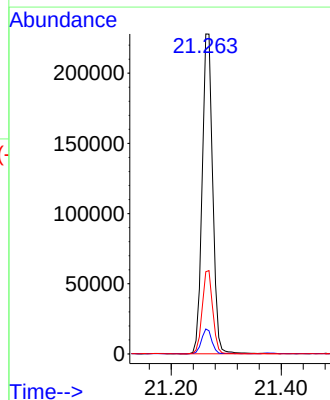
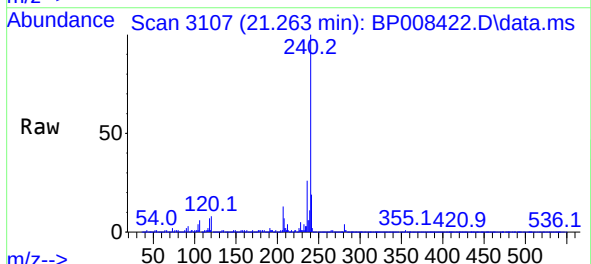
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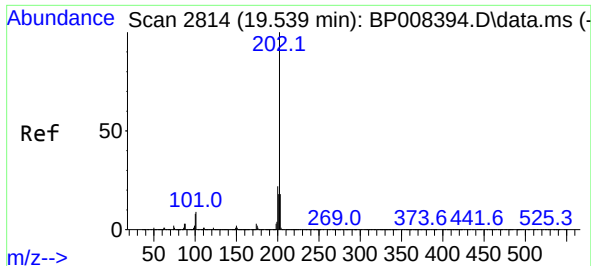
Tgt Ion:202 Resp: 234361
Ion Ratio Lower Upper
202 100
101 8.8 0.0 29.8
203 17.3 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

Tgt Ion:240 Resp: 303506
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 25.7 21.4 32.2

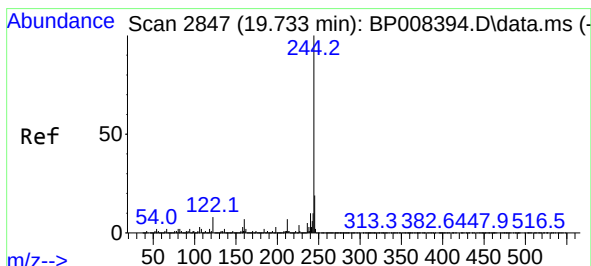
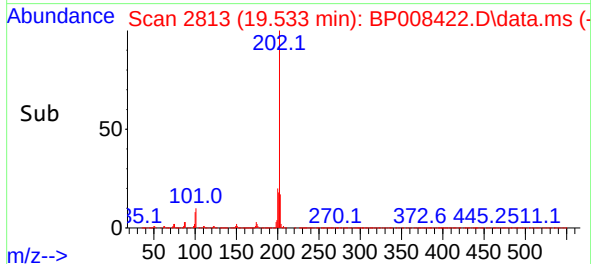
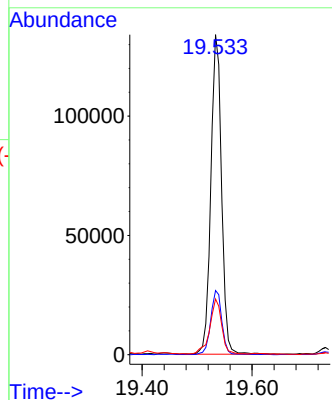
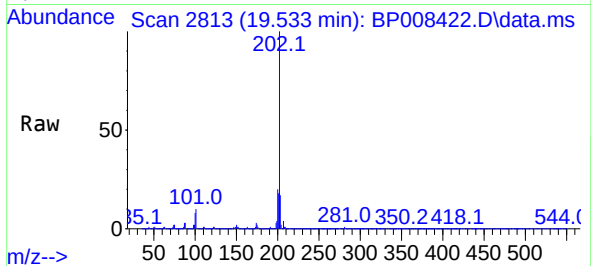




#78
Pyrene
Concen: 8.309 ng
RT: 19.533 min Scan# 2813
Delta R.T. -0.006 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

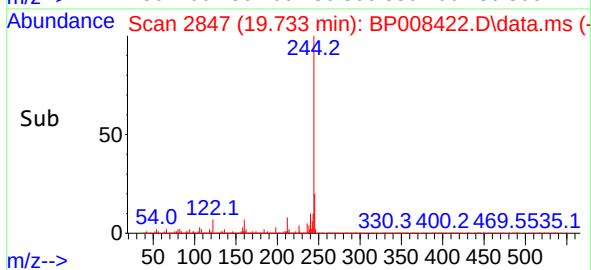
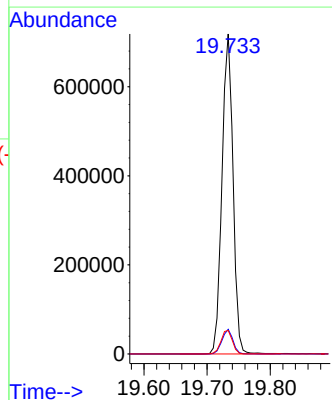
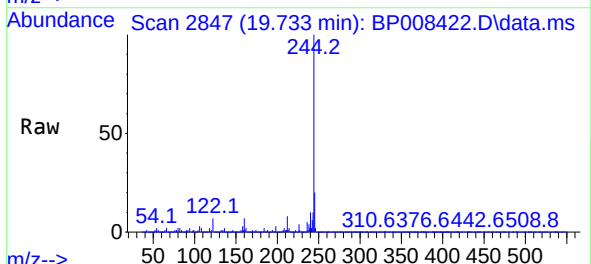
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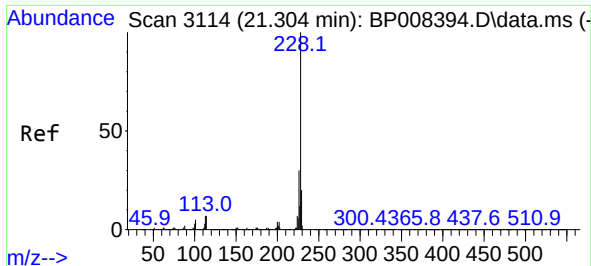
Tgt Ion:202 Resp: 180422
Ion Ratio Lower Upper
202 100
200 20.0 17.1 25.7
203 17.4 14.2 21.2



#79
Terphenyl-d14
Concen: 49.890 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

Tgt Ion:244 Resp: 870039
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 7.3 6.6 9.8

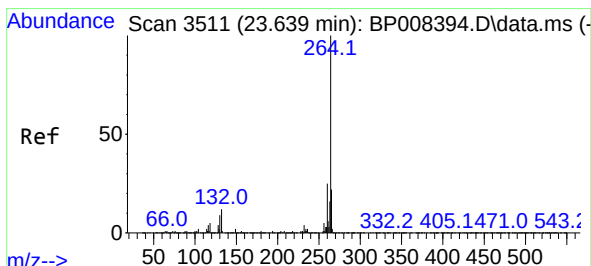
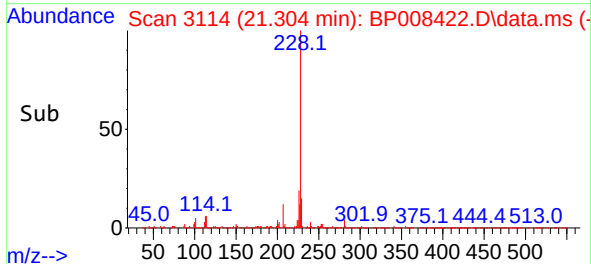
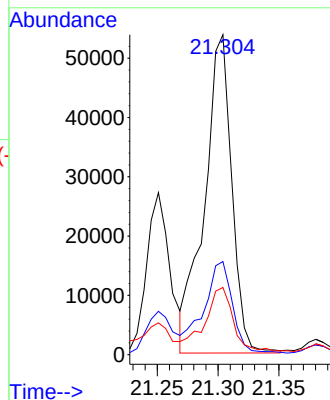
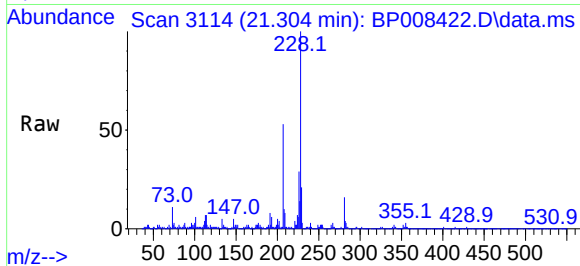




#83
Chrysene
Concen: 4.331 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

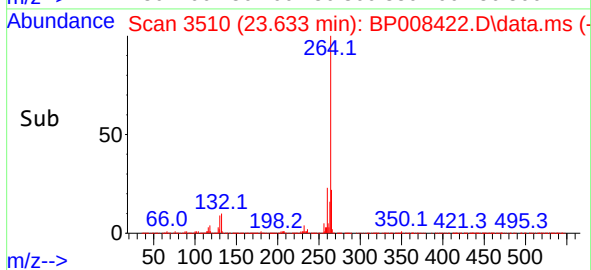
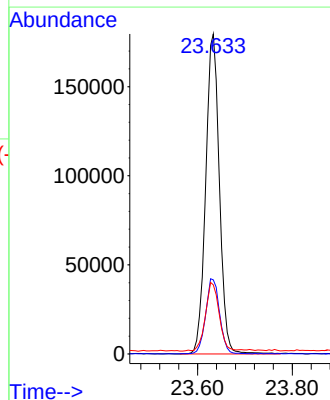
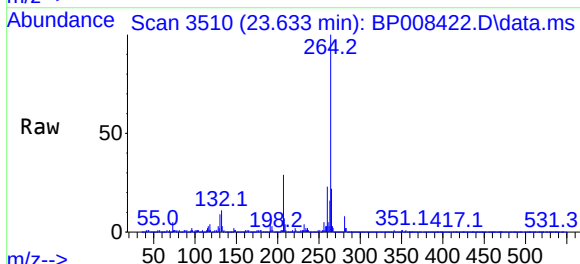
Instrument :
BNA_P
ClientSampleId :
TP1

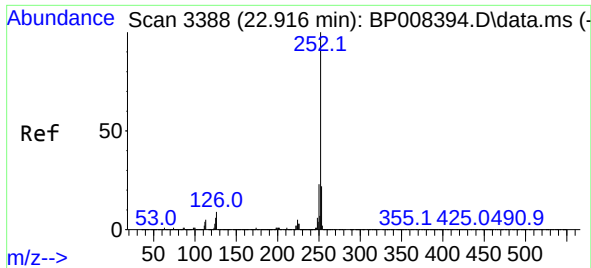
Tgt Ion:	228	Resp:	84154
Ion Ratio	Lower	Upper	
228	100		
226	29.1	24.0	36.0
229	21.0	15.8	23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 3510
Delta R.T. -0.006 min
Lab File: BP008422.D
Acq: 15 Dec 2021 18:08

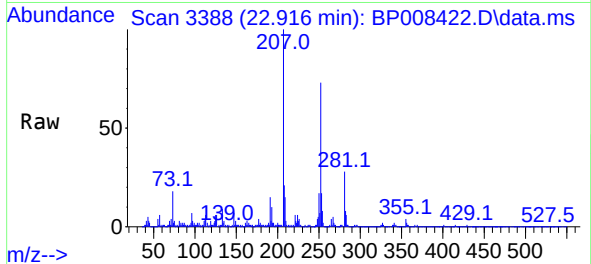
Tgt Ion:	264	Resp:	360457
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.4	29.2
265	21.6	17.6	26.4





#88
 Benzo(b)fluoranthene
 Concen: 3.703 ng
 RT: 22.916 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BP008422.D
 Acq: 15 Dec 2021 18:08

Instrument :
 BNA_P
 ClientSampleId :
 TP1



Tgt Ion:252 Resp: 80290

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.7	26.5
125	8.7	6.2	9.4

