

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092721\
 Data File : BP007216.D
 Acq On : 27 Sep 2021 21:14
 Operator : CG/JU
 Sample : M3950-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-092421

Quant Time: Sep 28 02:51:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

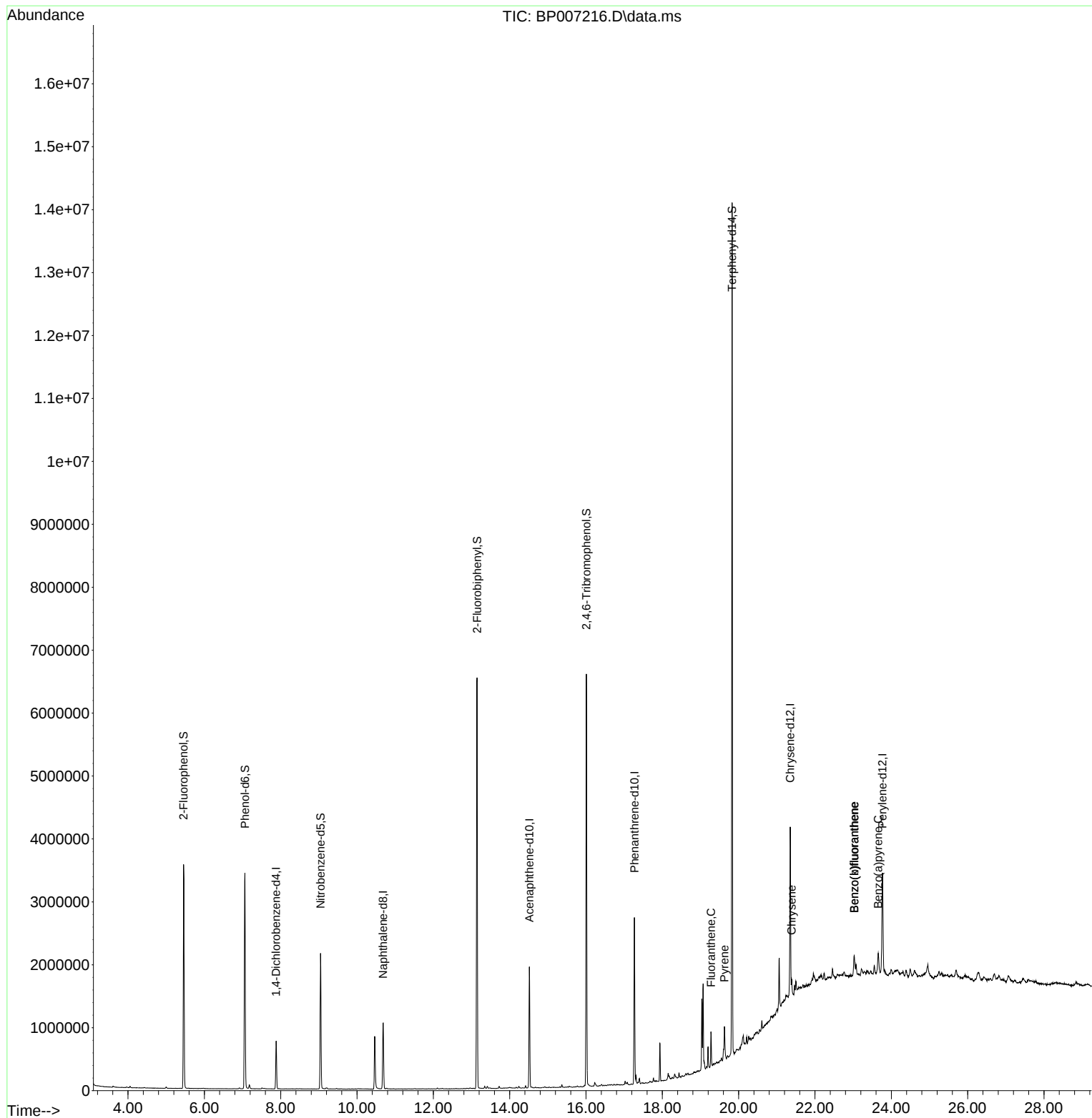
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	220524	20.000	ng	-0.01
21) Naphthalene-d8	10.681	136	929536	20.000	ng	#-0.01
39) Acenaphthene-d10	14.516	164	672590	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	1581604	20.000	ng	0.00
76) Chrysene-d12	21.351	240	1284743	20.000	ng	0.00
86) Perylene-d12	23.768	264	1258538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1714894	130.173	ng	0.00
7) Phenol-d6	7.063	99	2175587	120.829	ng	0.00
23) Nitrobenzene-d5	9.046	82	1264381	79.215	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	1445704	165.796	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	3593908	76.551	ng	0.00
79) Terphenyl-d14	19.827	244	6306512	94.065	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.275	202	321083	3.286	ng	97
78) Pyrene	19.627	202	308764	3.663	ng	99
83) Chrysene	21.386	228	160178	2.010	ng	# 91
88) Benzo(b)fluoranthene	23.033	252	224882	2.990	ng	# 83
89) Benzo(k)fluoranthene	23.033	252	224882	2.953	ng	# 83
90) Benzo(a)pyrene	23.657	252	168891	2.643	ng	# 85

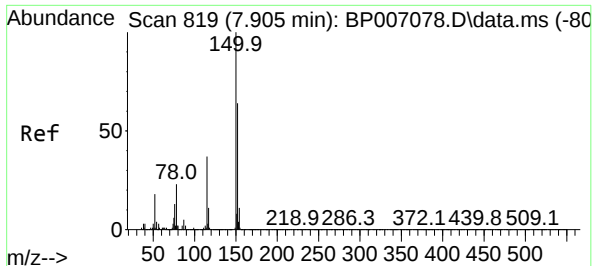
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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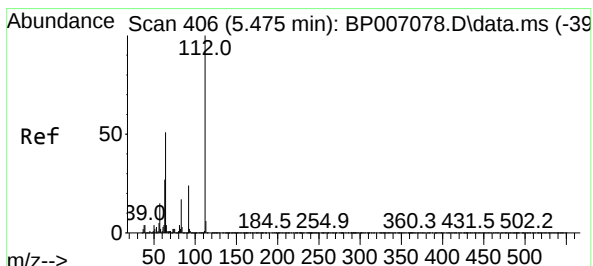
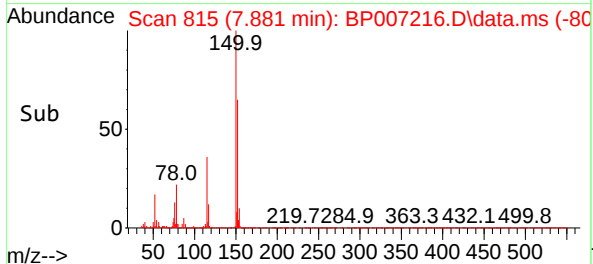
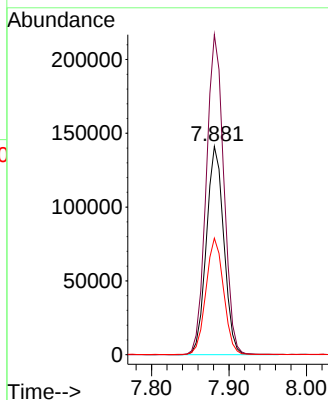
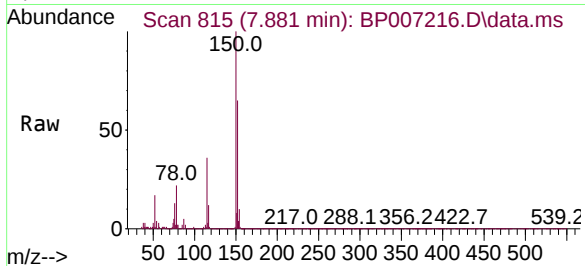




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

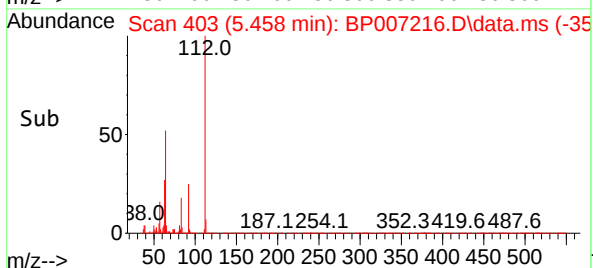
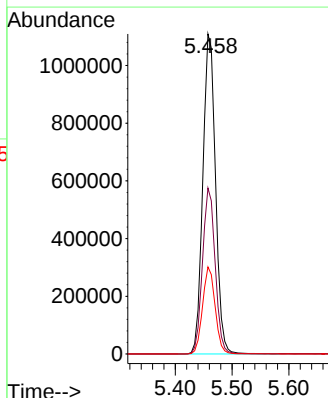
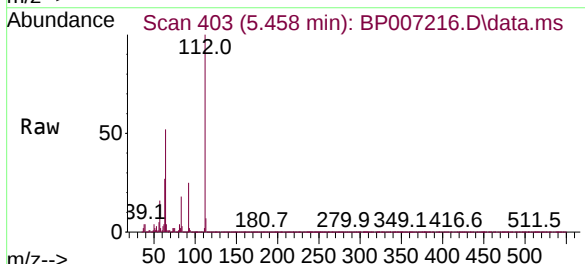
Instrument :
BNA_P
ClientSampleId :
HD-02-092421

Tgt Ion:152 Resp: 220524
Ion Ratio Lower Upper
152 100
150 153.6 125.6 188.4
115 55.9 48.5 72.7



#5
2-Fluorophenol
Concen: 130.173 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

Tgt Ion:112 Resp: 1714894
Ion Ratio Lower Upper
112 100
64 51.9 41.4 62.2
63 27.2 23.8 35.8



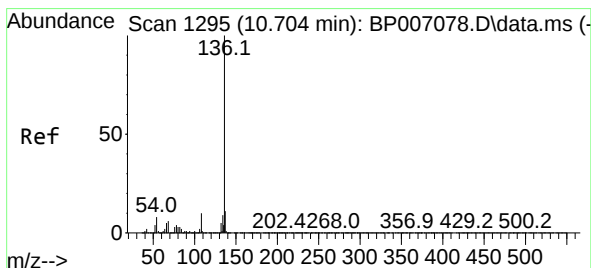
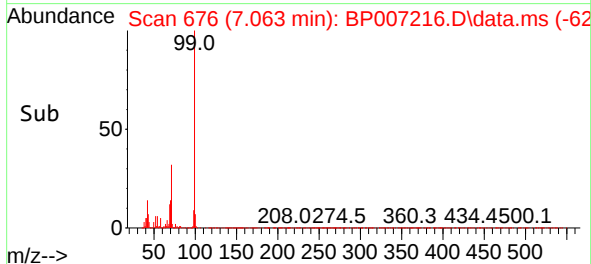
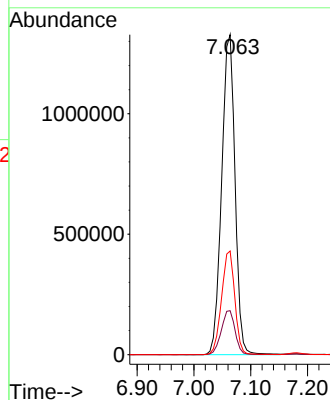
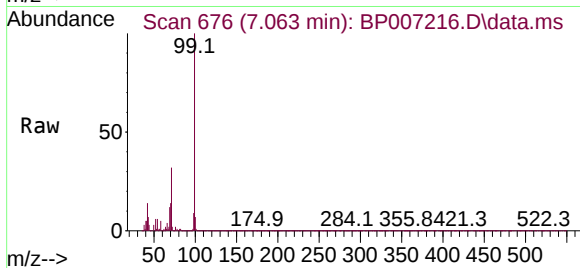


#7
Phenol-d6
Concen: 120.829 ng
RT: 7.063 min Scan# 676
Delta R.T. -0.000 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

Instrument :
BNA_P
ClientSampleId :
HD-02-092421

Tgt Ion: 99 Resp: 2175587

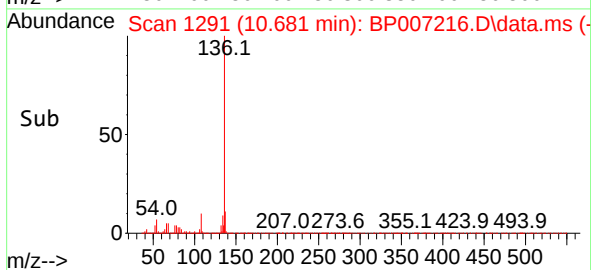
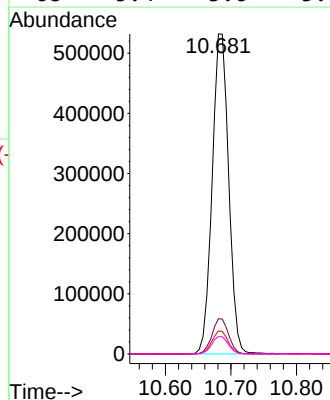
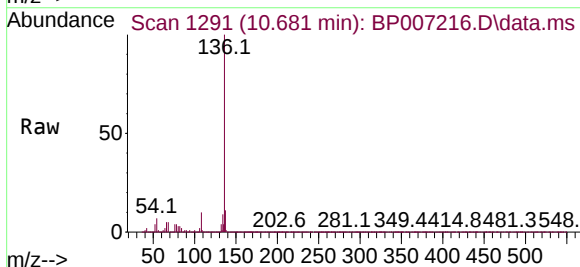
Ion	Ratio	Lower	Upper
99	100		
42	13.7	13.4	20.0
71	32.4	30.6	46.0

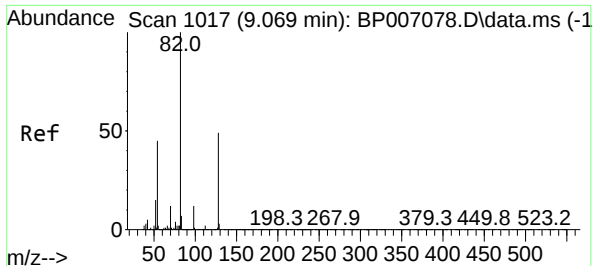


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

Tgt Ion: 136 Resp: 929536

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.2	4.6	6.8
68	5.4	3.6	5.4

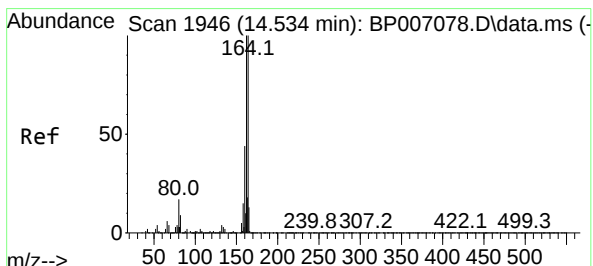
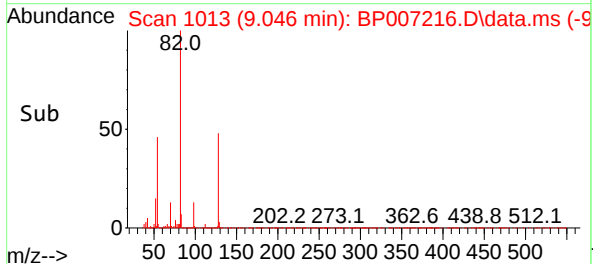
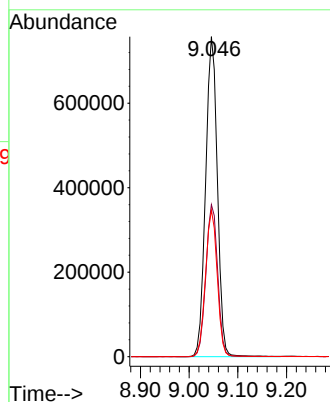
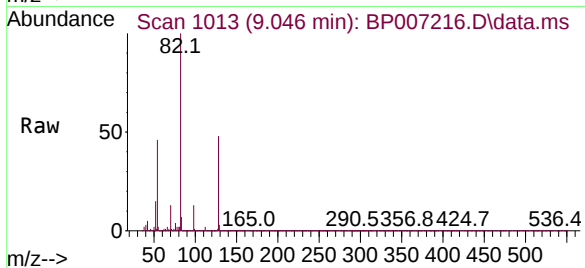




#23
Nitrobenzene-d5
Concen: 79.215 ng
RT: 9.046 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

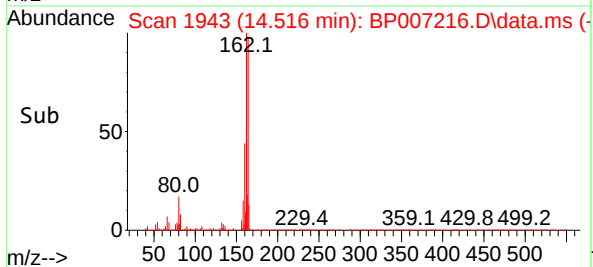
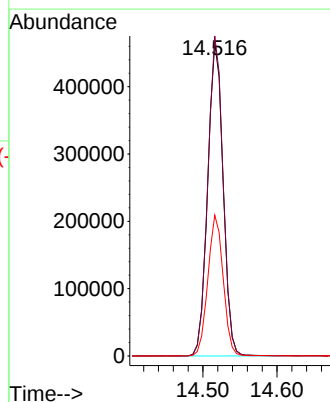
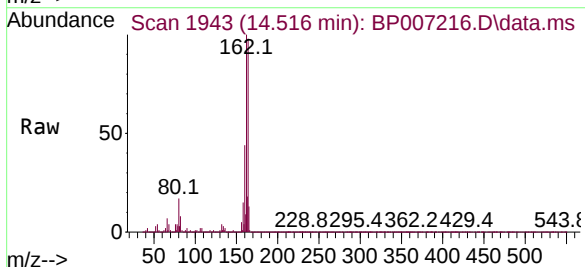
Instrument :
BNA_P
ClientSampleId :
HD-02-092421

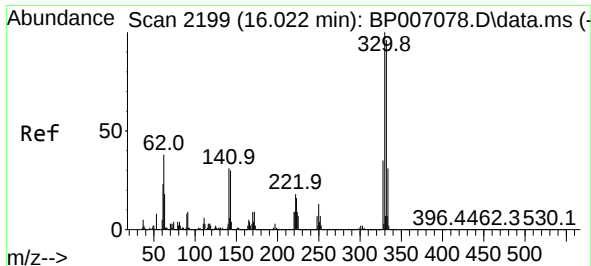
Tgt Ion: 82 Resp: 1264381
Ion Ratio Lower Upper
82 100
128 47.5 35.7 53.5
54 45.8 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1943
Delta R.T. -0.012 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

Tgt Ion:164 Resp: 672590
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 45.0 34.5 51.7

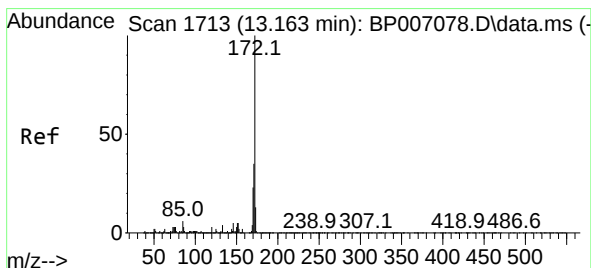
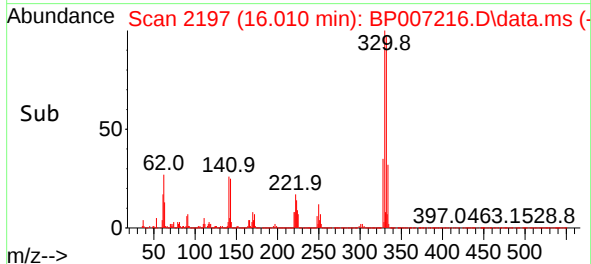
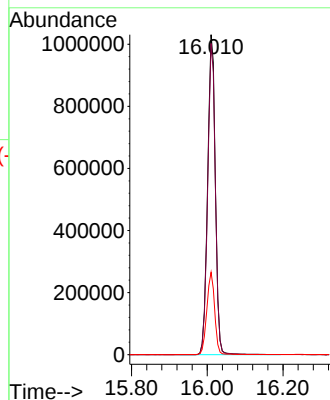
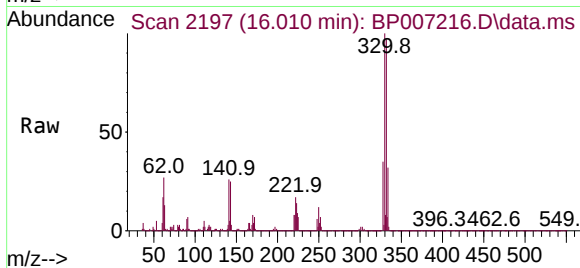




#42
2,4,6-Tribromophenol
Concen: 165.796 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

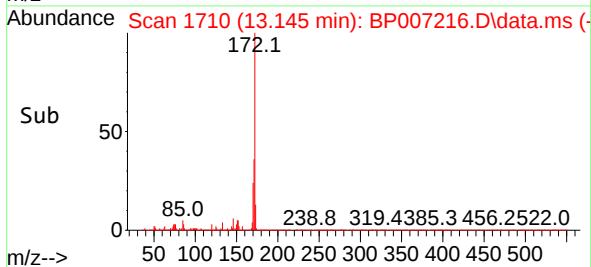
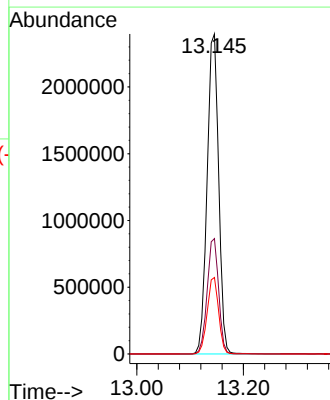
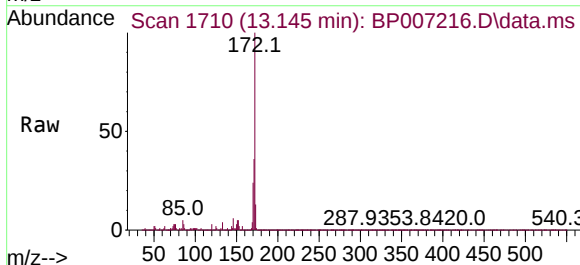
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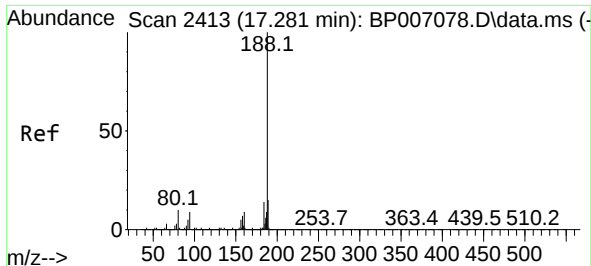
Tgt Ion:330 Resp: 1445704
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 26.2 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 76.551 ng
RT: 13.145 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

Tgt Ion:172 Resp: 3593908
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.9 18.6 27.8

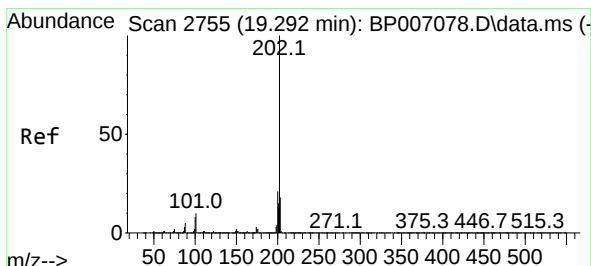
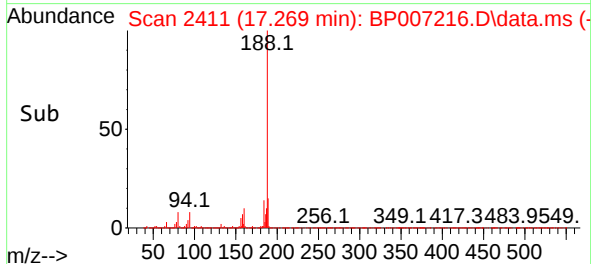
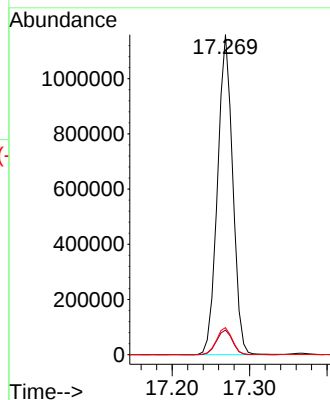
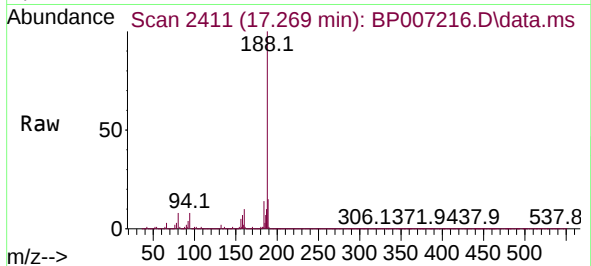




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

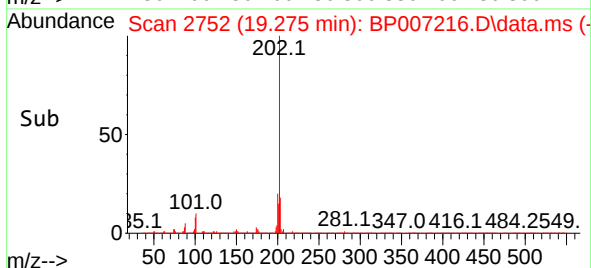
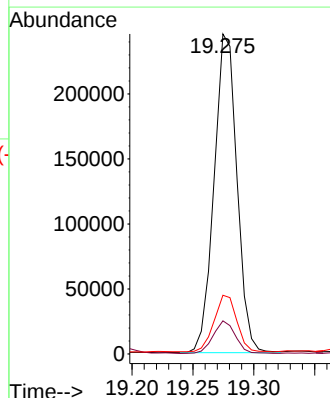
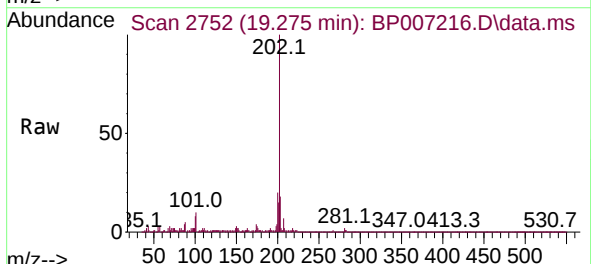
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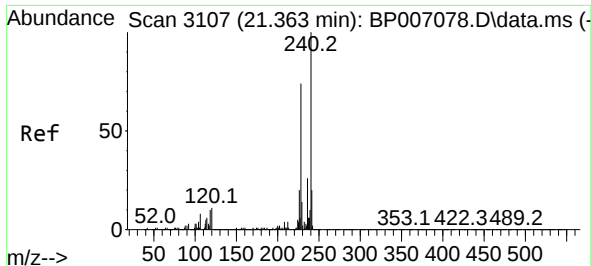
Tgt Ion:188 Resp: 1581604
Ion Ratio Lower Upper
188 100
94 7.7 5.6 8.4
80 8.4 6.3 9.5



#75
Fluoranthene
Concen: 3.286 ng
RT: 19.275 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

Tgt Ion:202 Resp: 321083
Ion Ratio Lower Upper
202 100
101 10.3 0.0 27.6
203 18.4 0.0 37.8

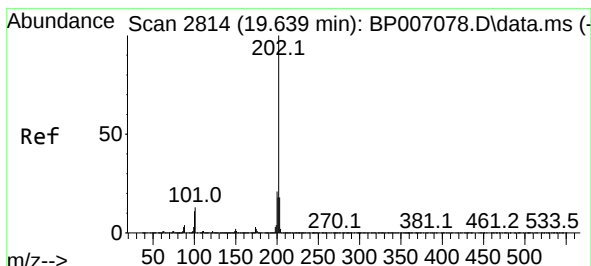
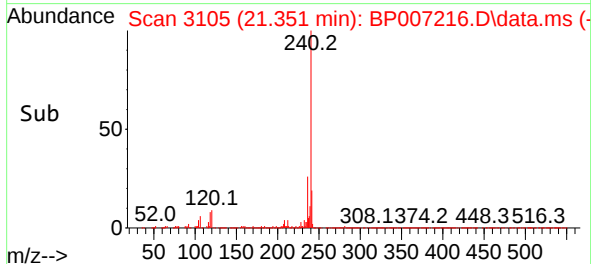
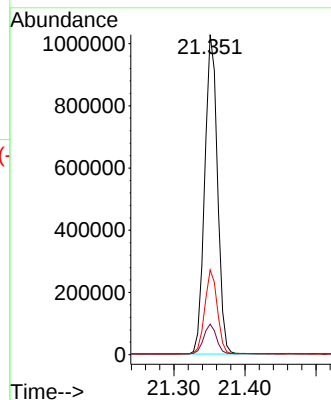
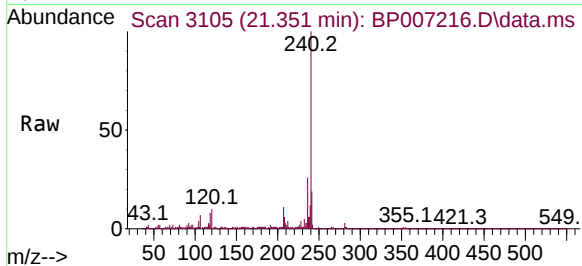




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

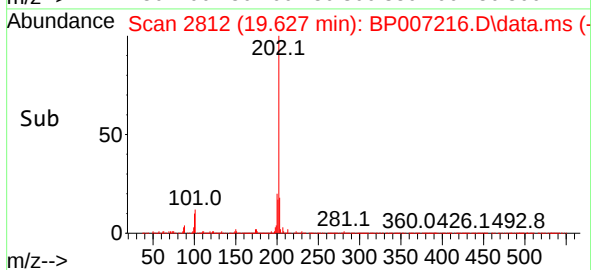
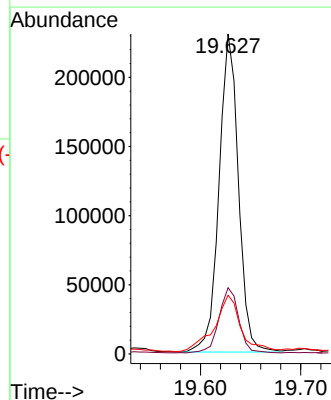
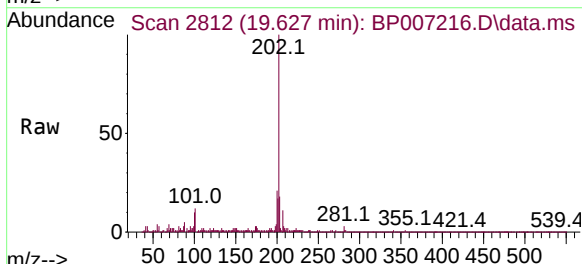
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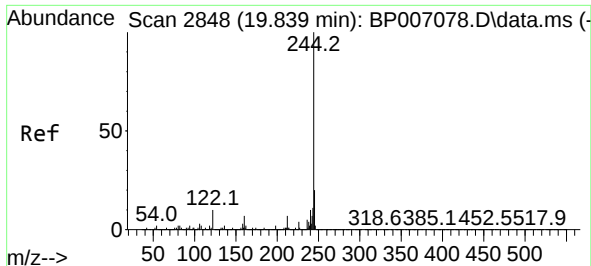
Tgt Ion:240 Resp: 1284743
Ion Ratio Lower Upper
240 100
120 9.5 6.5 9.7
236 26.5 20.6 31.0



#78
Pyrene
Concen: 3.663 ng
RT: 19.627 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

Tgt Ion:202 Resp: 308764
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 18.4 14.2 21.2

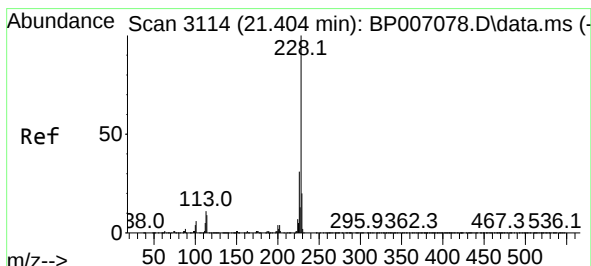
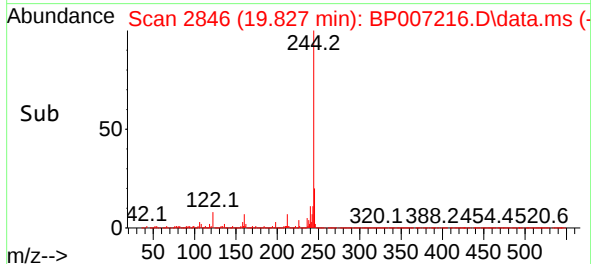
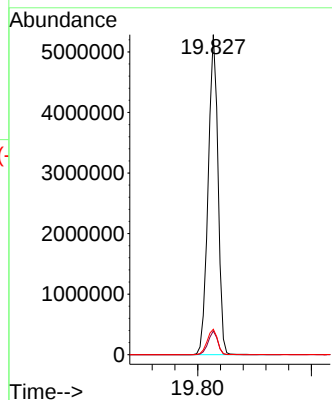
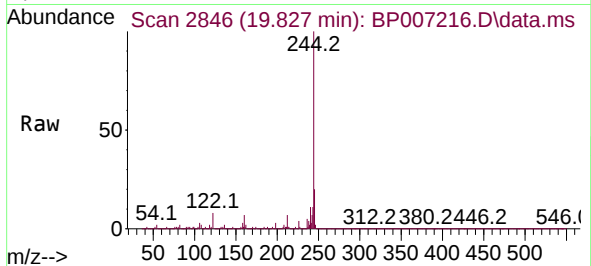




#79
 Terphenyl-d14
 Concen: 94.065 ng
 RT: 19.827 min Scan# 2846
 Delta R.T. -0.006 min
 Lab File: BP007216.D
 Acq: 27 Sep 2021 21:14

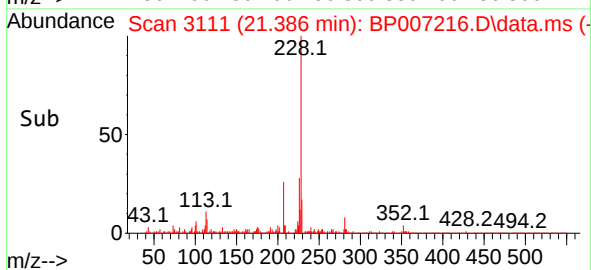
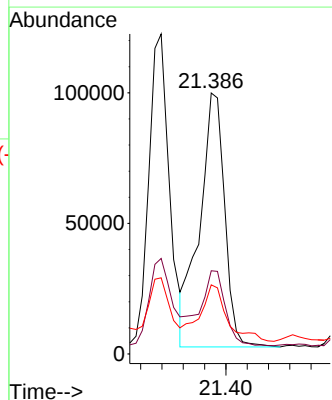
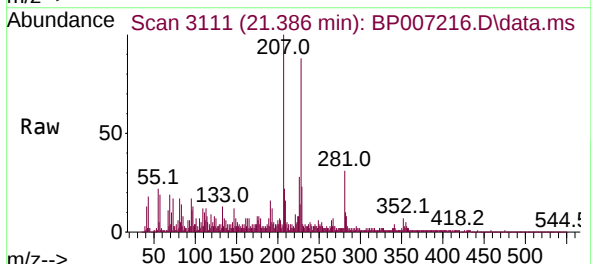
Instrument :
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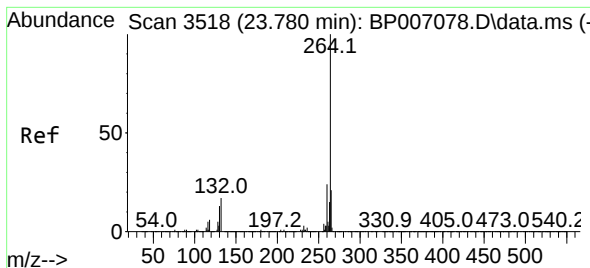
Tgt Ion:244 Resp: 6306512
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 7.9 7.1 10.7



#83
 Chrysene
 Concen: 2.010 ng
 RT: 21.386 min Scan# 3111
 Delta R.T. -0.012 min
 Lab File: BP007216.D
 Acq: 27 Sep 2021 21:14

Tgt Ion:228 Resp: 160178
 Ion Ratio Lower Upper
 228 100
 226 31.9 23.8 35.6
 229 26.5 15.4 23.2#

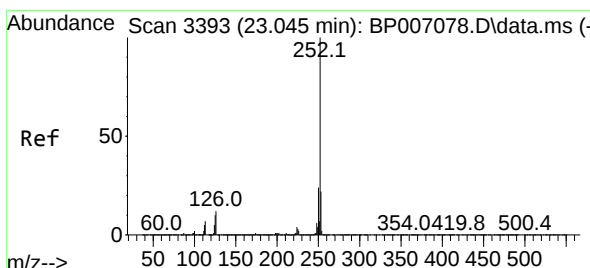
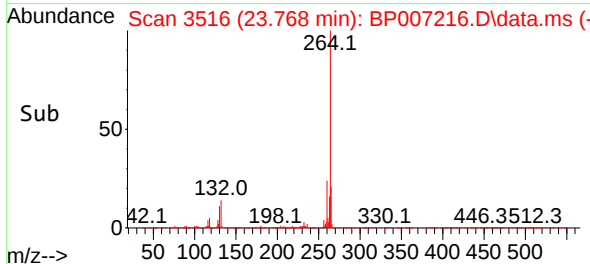
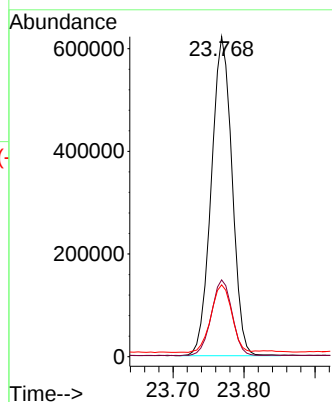
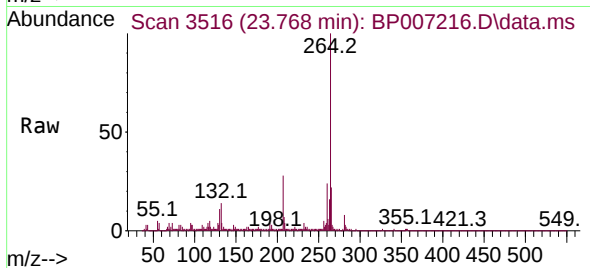




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.768 min Scan# 3516
Delta R.T. -0.000 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

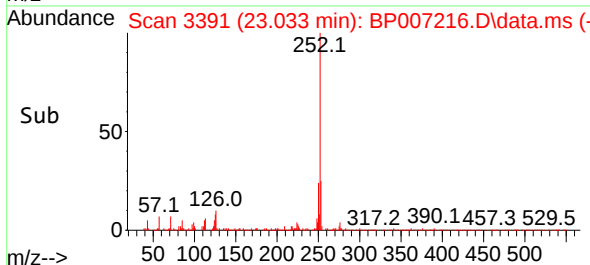
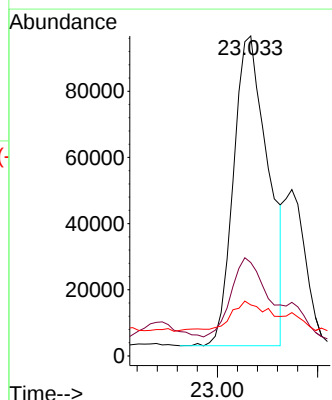
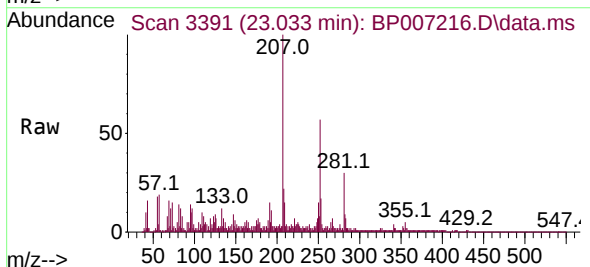
Instrument :
BNA_P
ClientSampleId :
HD-02-092421

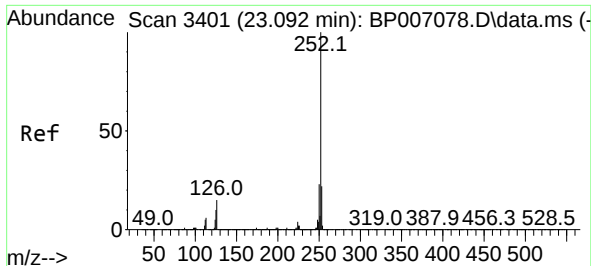
Tgt Ion:264 Resp: 1258538
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 22.5 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.990 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.000 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

Tgt Ion:252 Resp: 224882
Ion Ratio Lower Upper
252 100
253 29.2 17.5 26.3#
125 15.9 6.2 9.4#

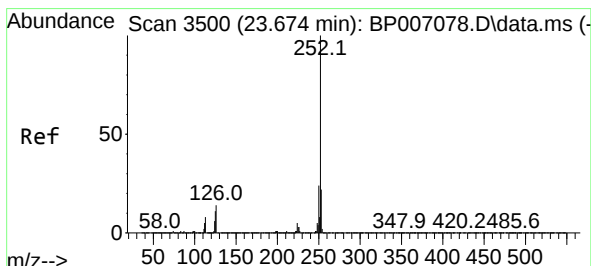
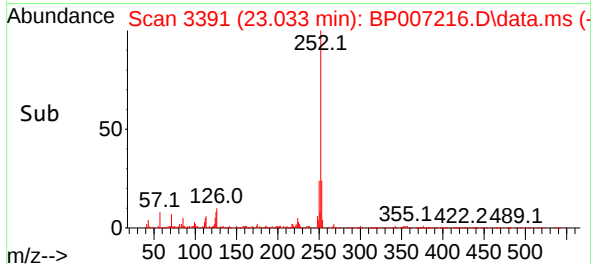
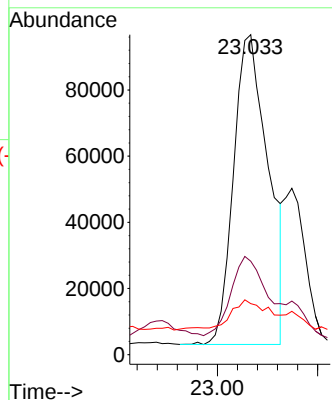
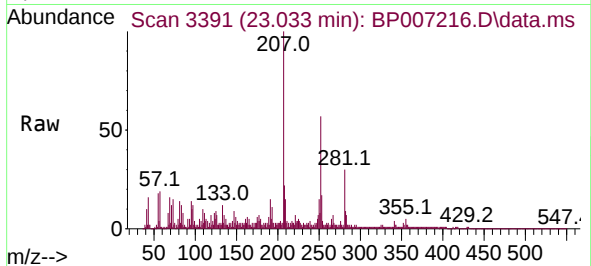




#89
Benzo(k)fluoranthene
Concen: 2.953 ng
RT: 23.033 min Scan# 3391
Delta R.T. -0.053 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

Instrument :
BNA_P
ClientSampleId :
HD-02-092421

Tgt Ion:252 Resp: 224882
Ion Ratio Lower Upper
252 100
253 29.2 17.6 26.4#
125 15.9 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.643 ng
RT: 23.657 min Scan# 3497
Delta R.T. -0.012 min
Lab File: BP007216.D
Acq: 27 Sep 2021 21:14

Tgt Ion:252 Resp: 168891
Ion Ratio Lower Upper
252 100
253 26.8 17.9 26.9
125 19.1 6.5 9.7#

