

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
 Data File : BP006046.D
 Acq On : 23 Jun 2021 21:34
 Operator : CG/JU
 Sample : M2816-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-02-062221

Quant Time: Jun 24 01:18:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

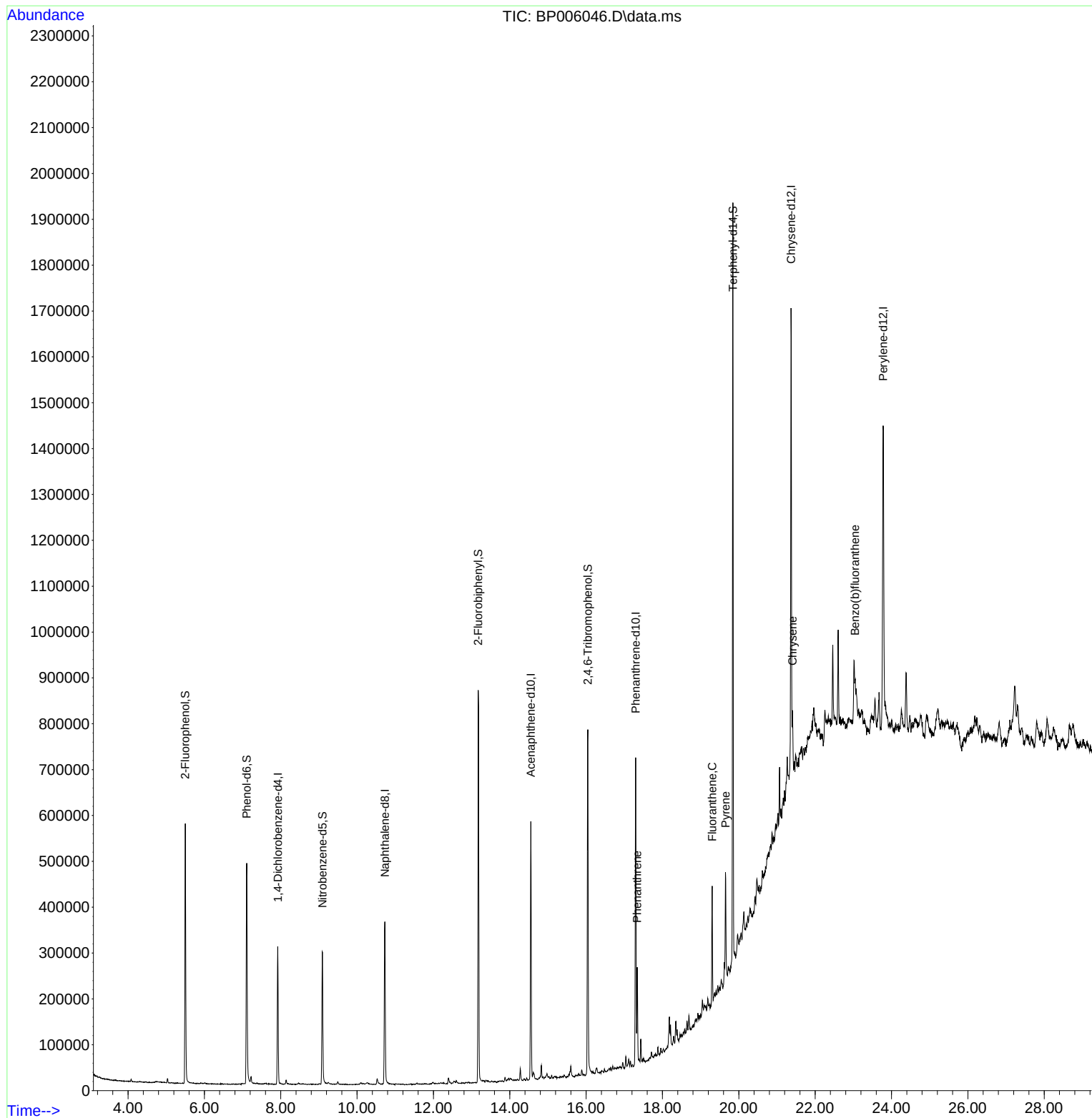
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	84017	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	315705	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	194736	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	413045	20.000	ng	0.00
76) Chrysene-d12	21.369	240	463161	20.000	ng	0.00
86) Perylene-d12	23.780	264	526296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	270797	51.719	ng	0.01
7) Phenol-d6	7.111	99	315307	46.461	ng	0.02
23) Nitrobenzene-d5	9.093	82	193023	29.975	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	174353	52.173	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	462027	31.155	ng	0.00
79) Terphenyl-d14	19.845	244	787372	31.832	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.339	178	117257	4.727	ng	99
75) Fluoranthene	19.304	202	156790	5.205	ng	98
78) Pyrene	19.651	202	141160	4.366	ng	99
83) Chrysene	21.404	228	69683	2.152	ng	# 93
88) Benzo(b)fluoranthene	23.045	252	75589	2.097	ng	# 83

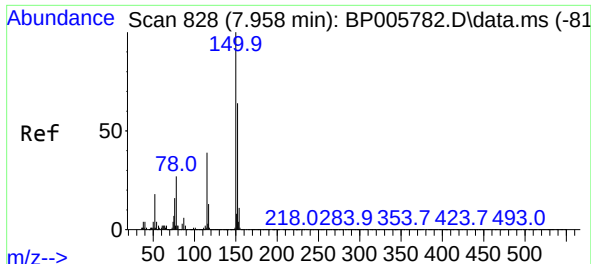
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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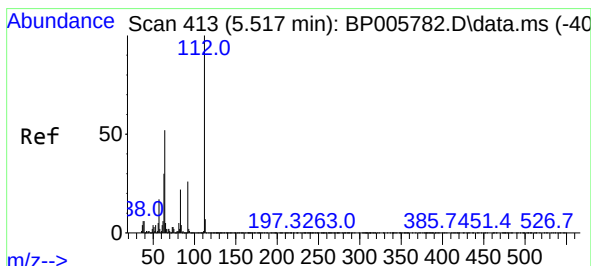
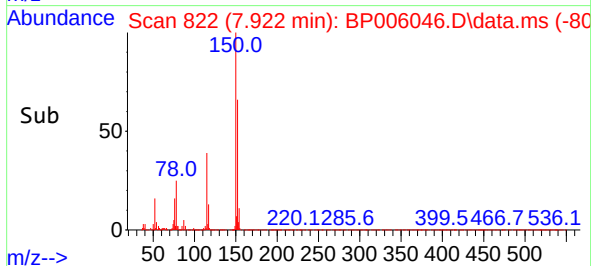
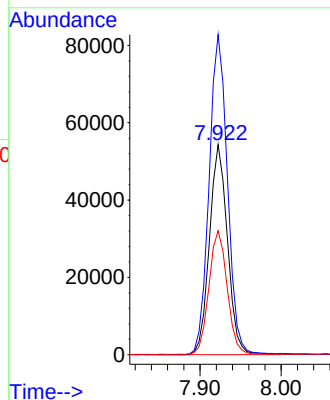
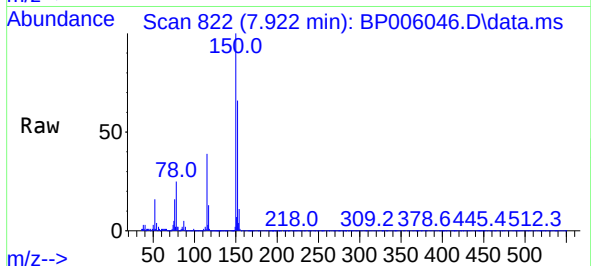




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.922 min Scan# 822
Delta R.T. 0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

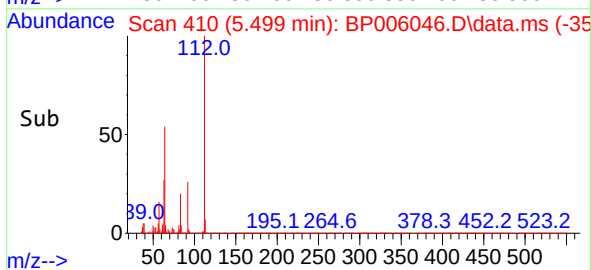
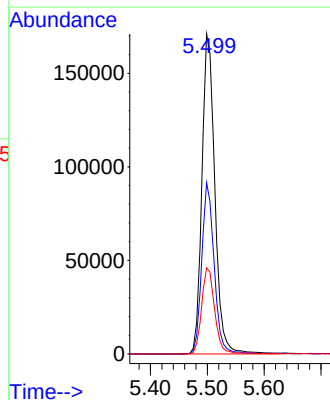
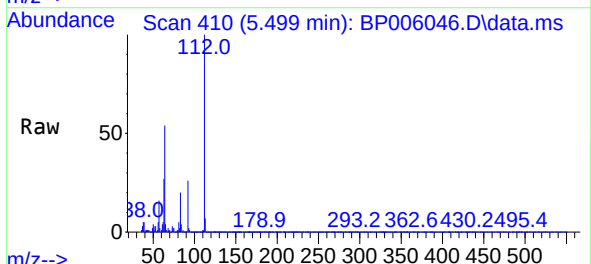
Instrument :
BNA_P
ClientSampleId :
OK-02-062221

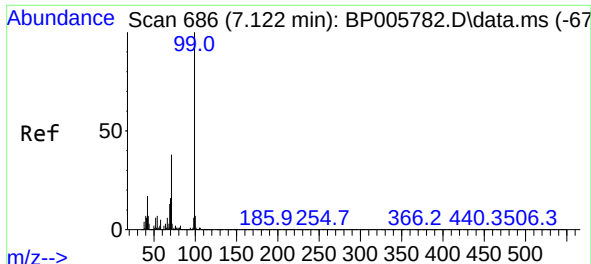
Tgt Ion:152 Resp: 84017
Ion Ratio Lower Upper
152 100
150 152.3 125.6 188.4
115 59.0 48.5 72.7



#5
2-Fluorophenol
Concen: 51.719 ng
RT: 5.499 min Scan# 410
Delta R.T. 0.012 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:112 Resp: 270797
Ion Ratio Lower Upper
112 100
64 53.5 41.4 62.2
63 26.9 23.8 35.8

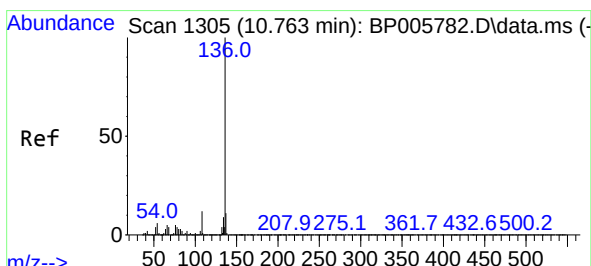
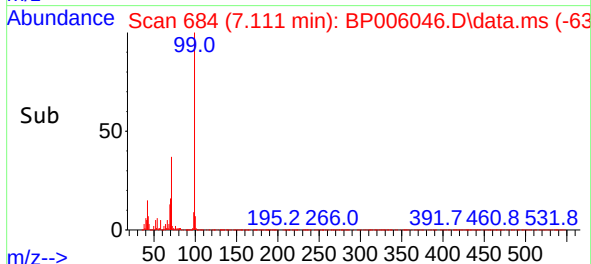
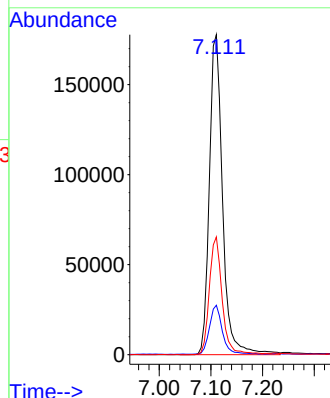
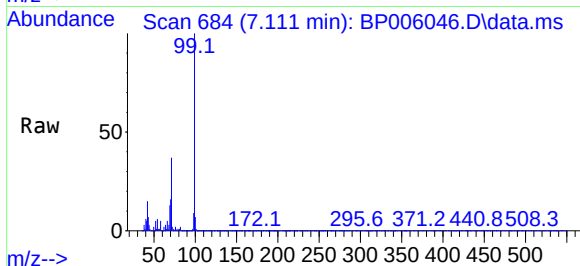




#7
Phenol-d6
Concen: 46.461 ng
RT: 7.111 min Scan# 684
Delta R.T. 0.018 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

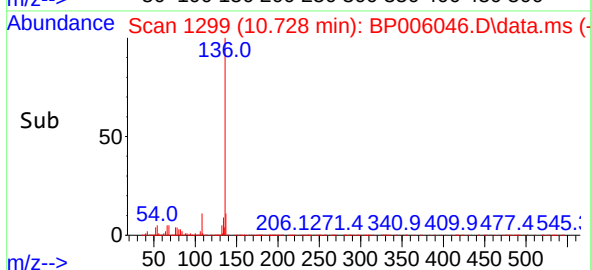
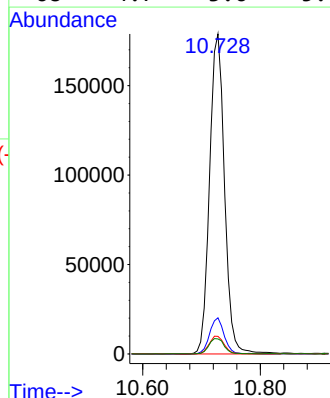
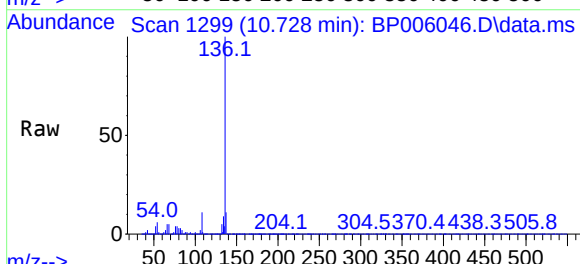
Instrument :
BNA_P
ClientSampleId :
OK-02-062221

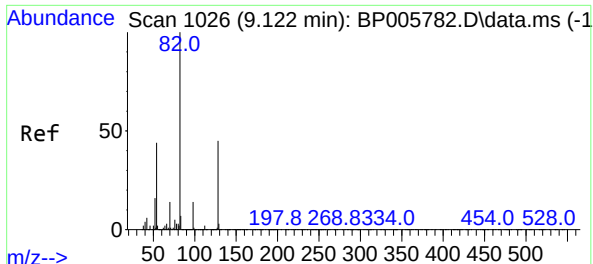
Tgt Ion: 99 Resp: 315307
Ion Ratio Lower Upper
99 100
42 15.4 13.4 20.0
71 36.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion: 136 Resp: 315705
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 5.5 4.6 6.8
68 4.7 3.6 5.4

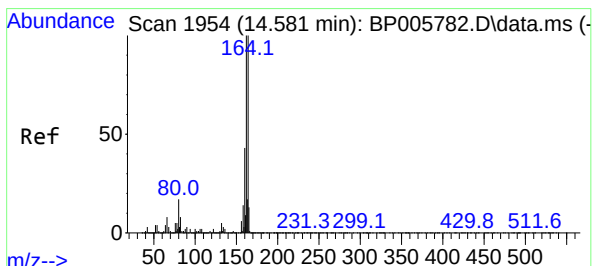
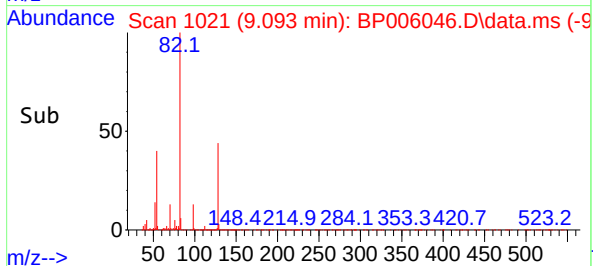
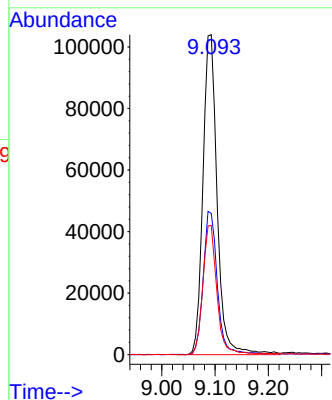
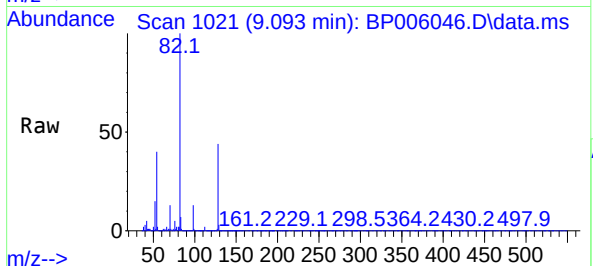




#23
Nitrobenzene-d5
Concen: 29.975 ng
RT: 9.093 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

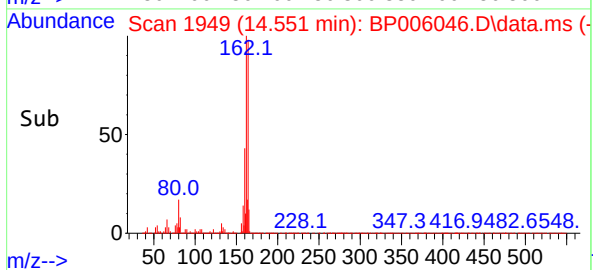
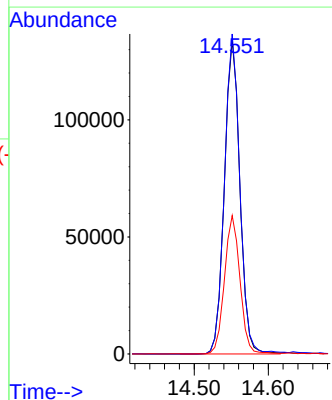
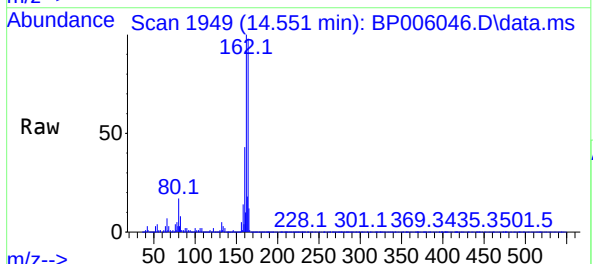
Instrument :
BNA_P
ClientSampleId :
OK-02-062221

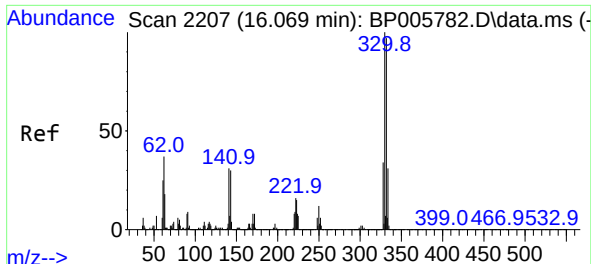
Tgt Ion: 82 Resp: 193023
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 40.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:164 Resp: 194736
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 44.1 34.5 51.7



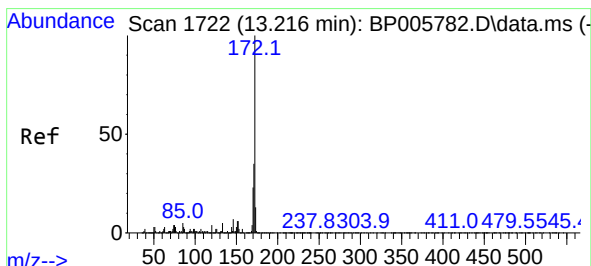
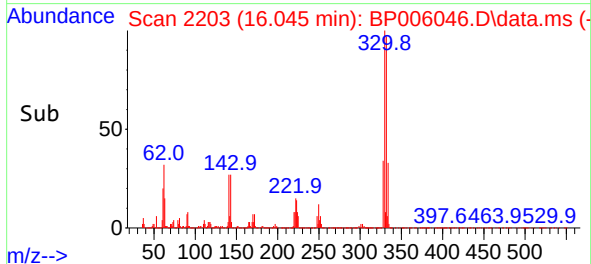
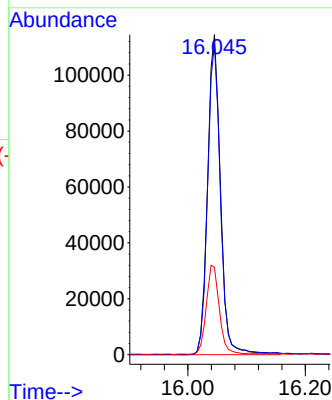
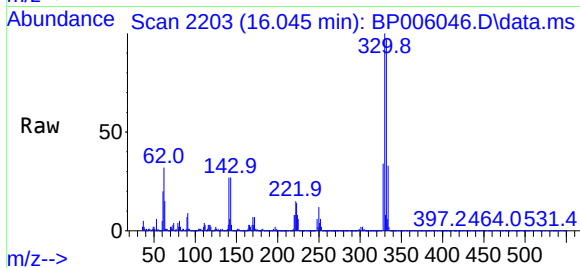


#42
2,4,6-Tribromophenol
Concen: 52.173 ng
RT: 16.045 min Scan# 2203
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Instrument :
BNA_P
ClientSampleId :
OK-02-062221

Tgt Ion: 330 Resp: 174353

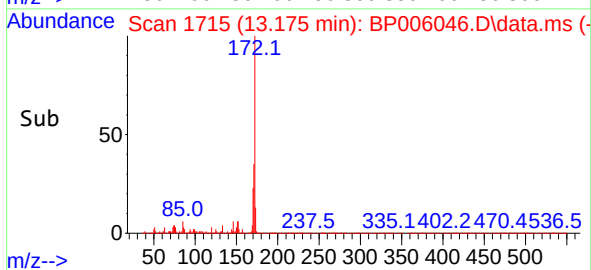
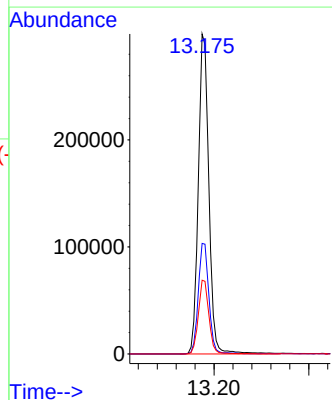
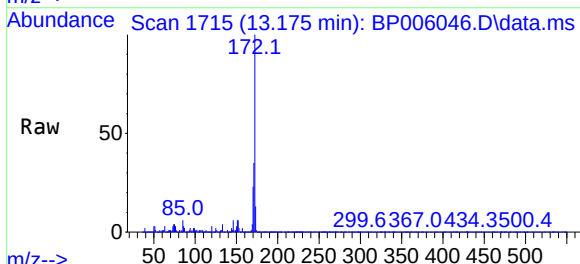
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.8
141	27.9	25.4	38.2

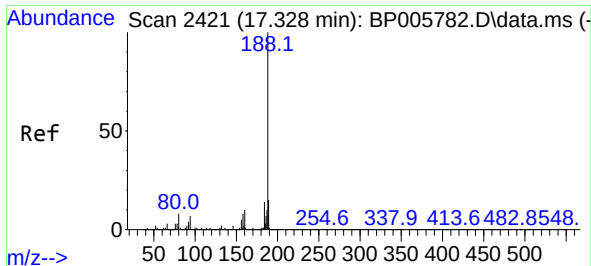


#45
2-Fluorobiphenyl
Concen: 31.155 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion: 172 Resp: 462027

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.1	18.6	27.8

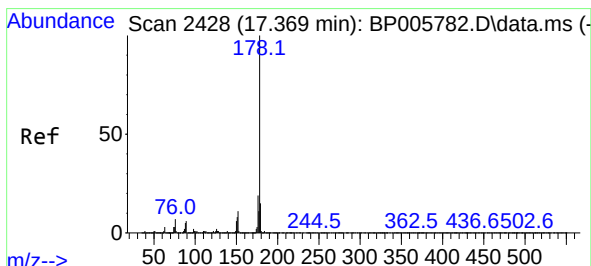
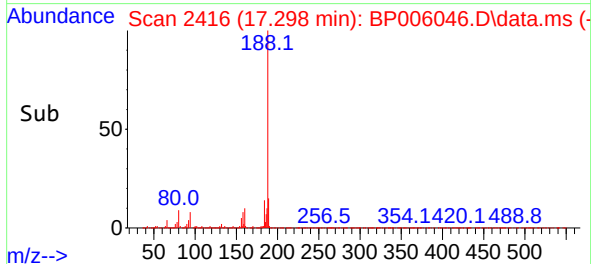
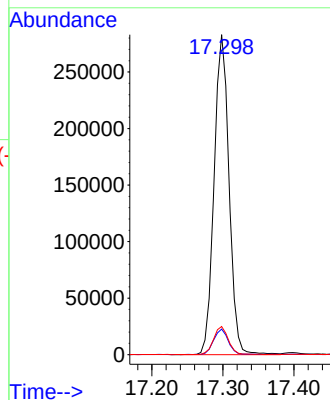
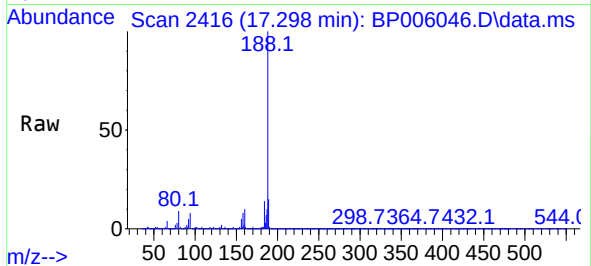




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 2416
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

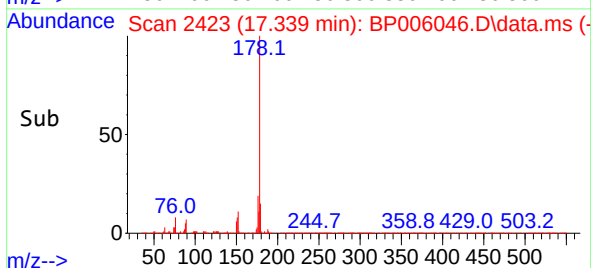
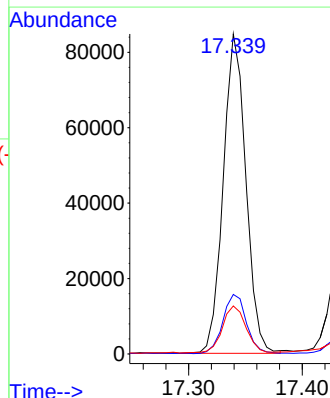
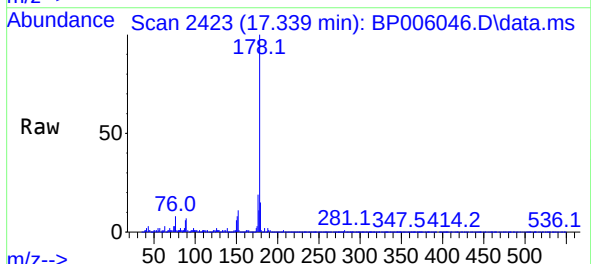
Instrument :
BNA_P
ClientSampleId :
OK-02-062221

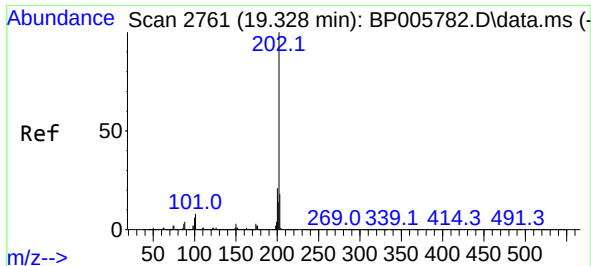
Tgt Ion:188 Resp: 413045
Ion Ratio Lower Upper
188 100
94 8.0 5.6 8.4
80 8.8 6.3 9.5



#71
Phenanthrene
Concen: 4.727 ng
RT: 17.339 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:178 Resp: 117257
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.0 12.4 18.6

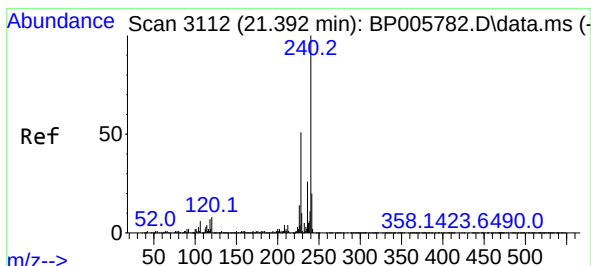
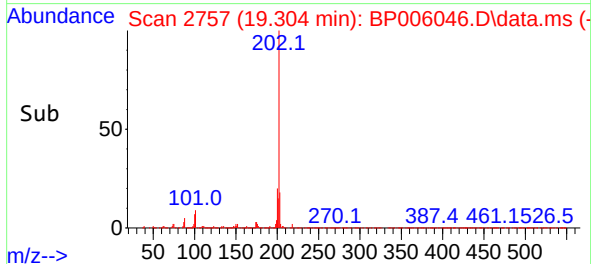
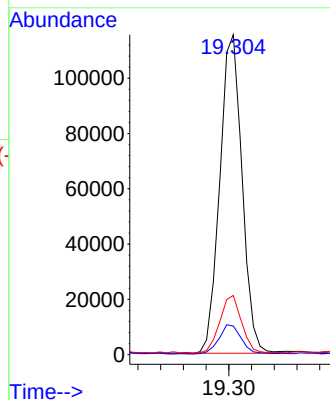
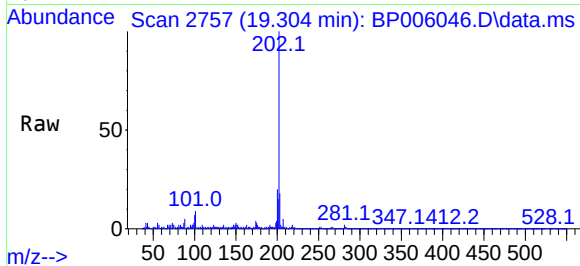




#75
Fluoranthene
Concen: 5.205 ng
RT: 19.304 min Scan# 2757
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

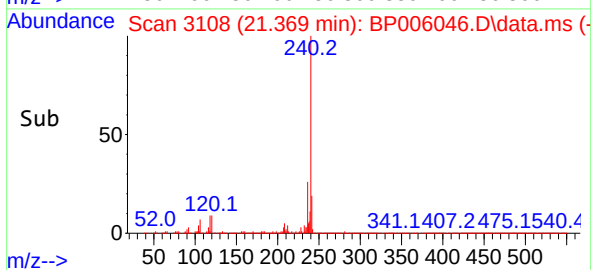
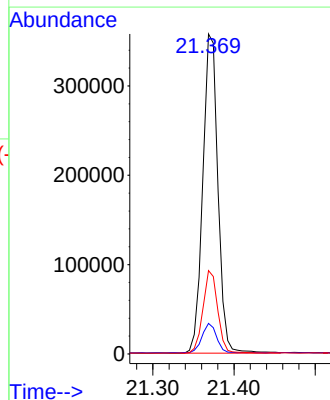
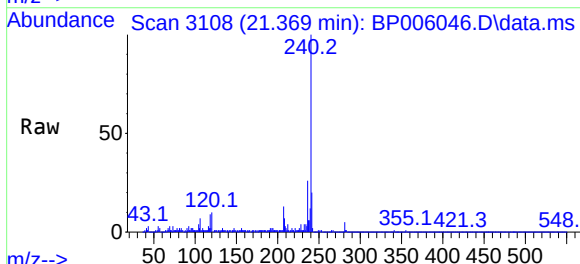
Instrument :
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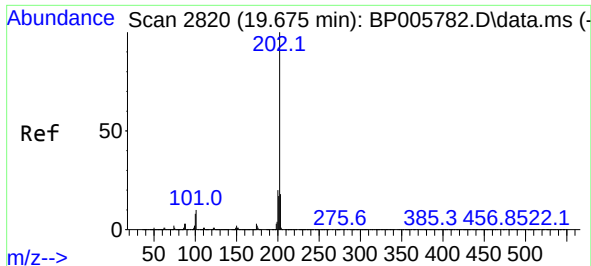
Tgt Ion:	202	Resp:	156790
Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	27.6
203	18.5	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.369 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:	240	Resp:	463161
Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.5	9.7
236	26.1	20.6	31.0

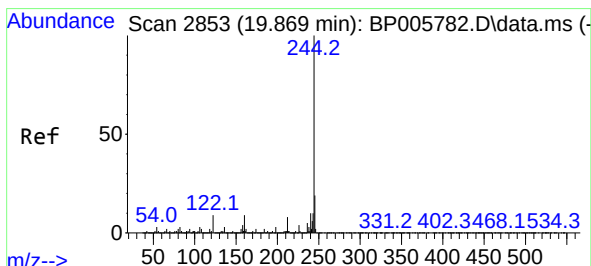
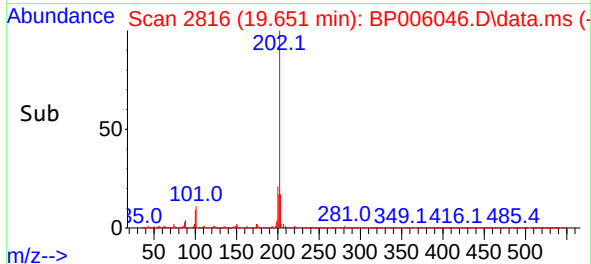
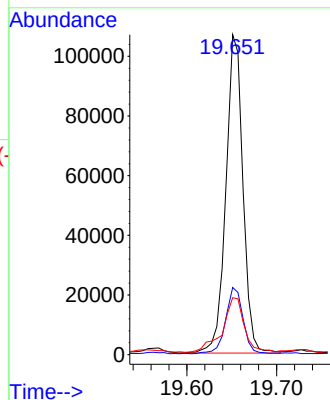
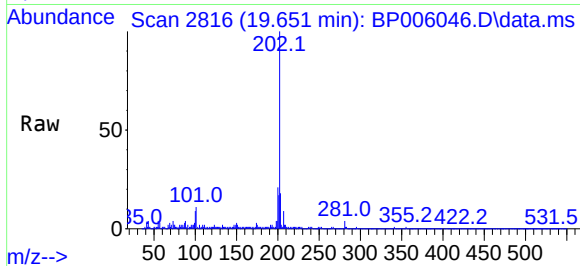




#78
Pyrene
Concen: 4.366 ng
RT: 19.651 min Scan# 2816
Delta R.T. -0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

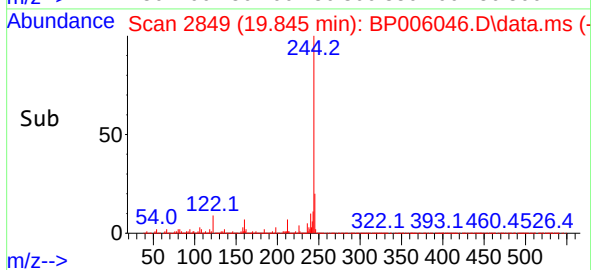
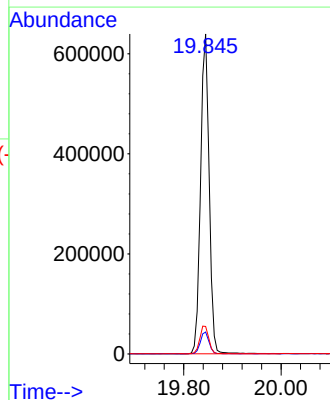
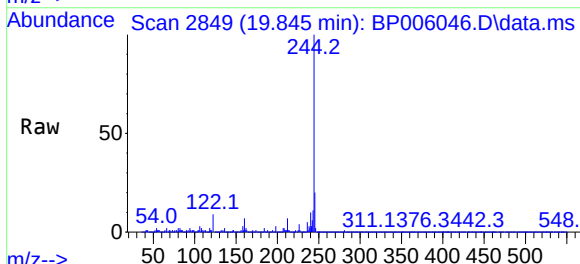
Instrument :
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OK-02-062221

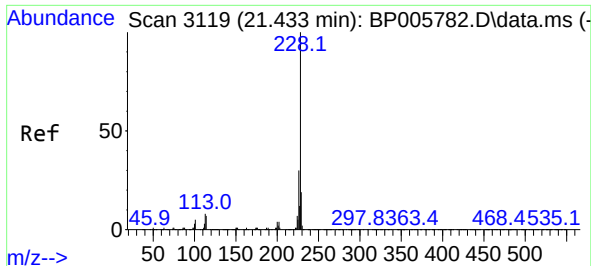
Tgt Ion:202	Resp:	141160
Ion Ratio	Lower	Upper
202	100	
200	21.0	16.3 24.5
203	17.8	14.2 21.2



#79
Terphenyl-d14
Concen: 31.832 ng
RT: 19.845 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Tgt Ion:244	Resp:	787372
Ion Ratio	Lower	Upper
244	100	
212	6.9	6.0 9.0
122	8.6	7.1 10.7

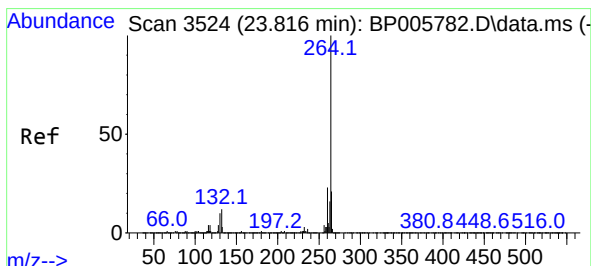
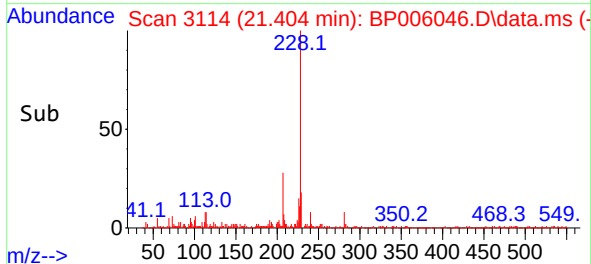
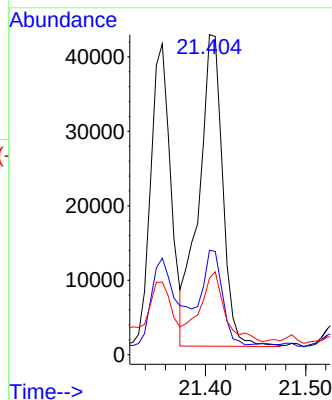
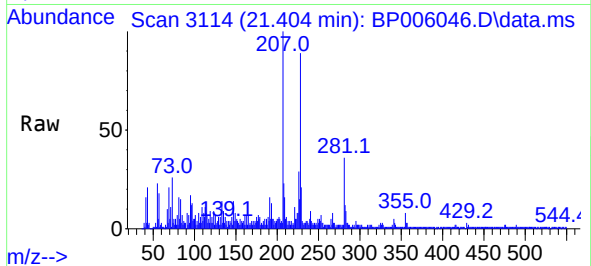




#83
Chrysene
Concen: 2.152 ng
RT: 21.404 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

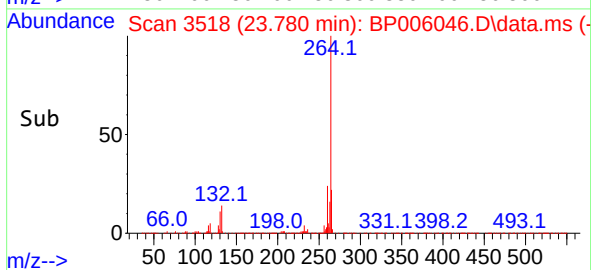
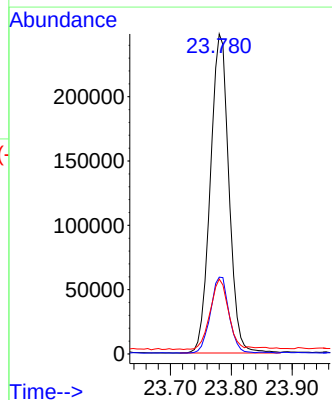
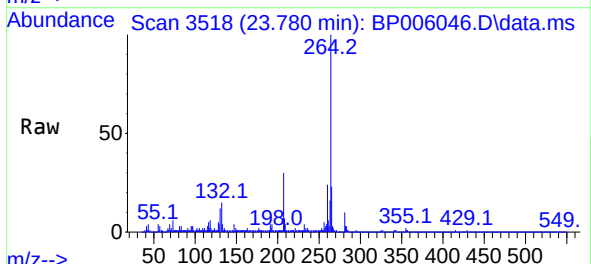
Instrument :
BNA_P
ClientSampleId :
OK-02-062221

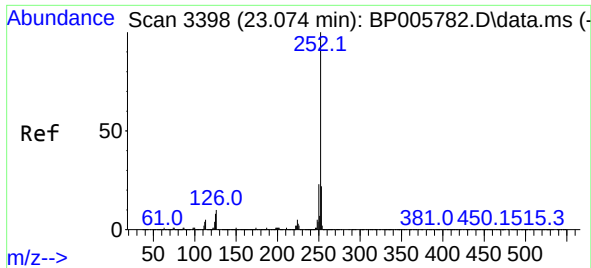
Tgt Ion:	228	Resp:	69683
Ion Ratio	Lower	Upper	
228	100		
226	32.6	23.8	35.6
229	23.9	15.4	23.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.780 min Scan# 3518
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

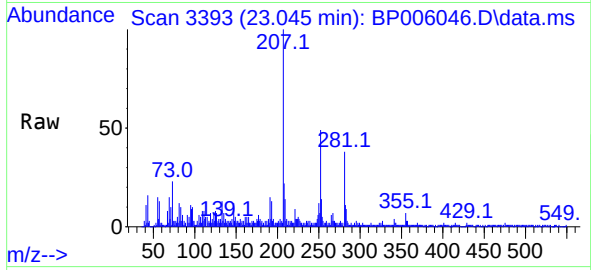
Tgt Ion:	264	Resp:	526296
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.6	28.0
265	23.4	17.6	26.4





#88
Benzo(b)fluoranthene
Concen: 2.097 ng
RT: 23.045 min Scan# 3393
Delta R.T. 0.006 min
Lab File: BP006046.D
Acq: 23 Jun 2021 21:34

Instrument :
BNA_P
ClientSampleId :
OK-02-062221



Tgt Ion:252 Resp: 75589
Ion Ratio Lower Upper
252 100
253 28.5 17.5 26.3#
125 16.2 6.2 9.4#

