

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
 Data File : BP009604.D
 Acq On : 29 Mar 2022 20:45
 Operator : CG/JU
 Sample : N1949-11RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CP-BH2-031422-4-6

Quant Time: Mar 30 04:10:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 04:00:13 2022
 Response via : Initial Calibration

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

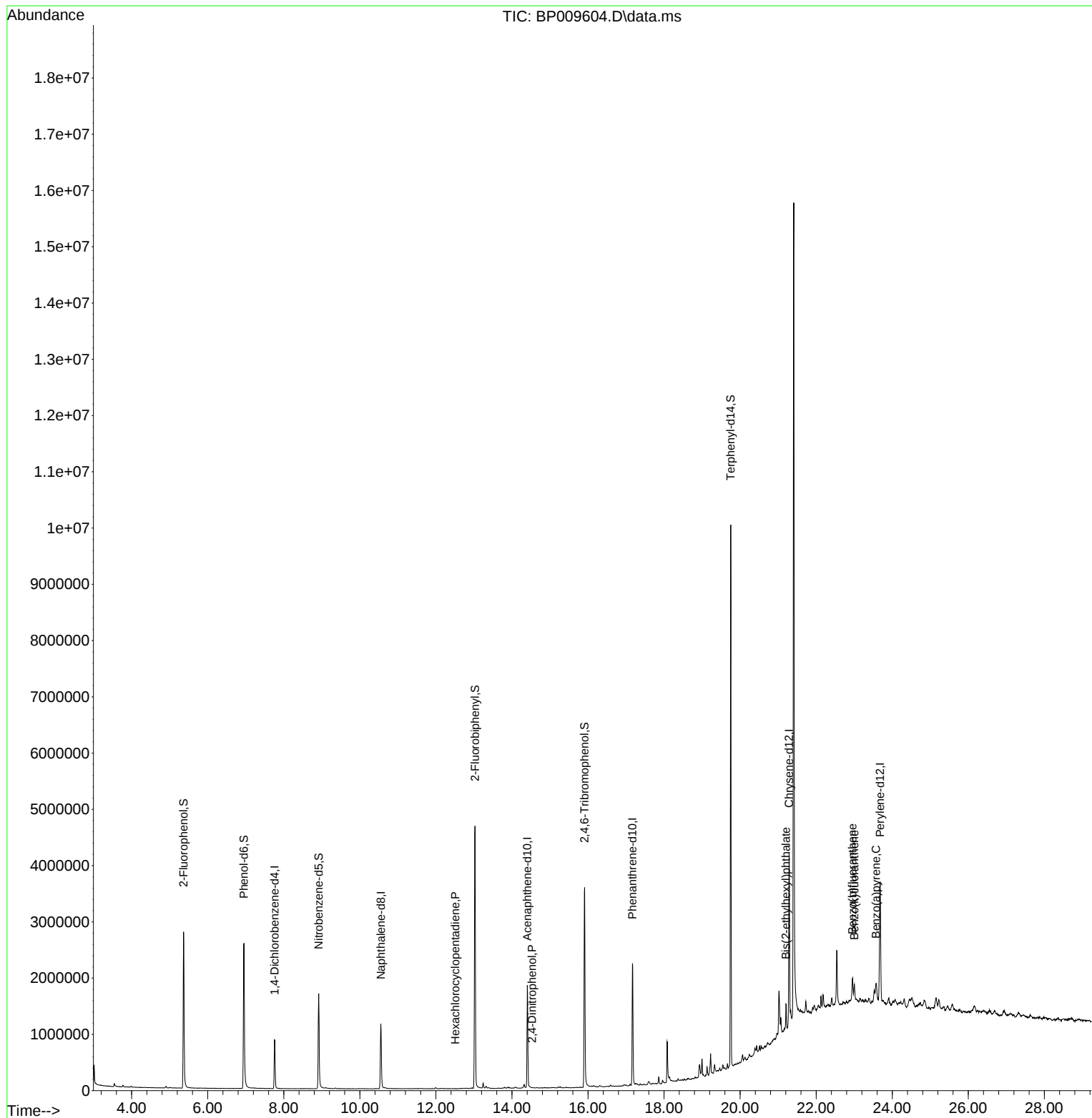
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	280036	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1122817	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	707668	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1488754	20.000	ng	0.00
76) Chrysene-d12	21.286	240	1630629	20.000	ng	0.00
86) Perylene-d12	23.680	264	1788380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	1491301	92.978	ng	0.00
7) Phenol-d6	6.952	99	1938080	89.350	ng	0.00
23) Nitrobenzene-d5	8.916	82	1181676	55.926	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	856783	73.369	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	2841262	55.659	ng	0.00
79) Terphenyl-d14	19.751	244	4863878	53.538	ng	0.00
Target Compounds						
9) Benzaldehyde	6.881	77	278	Below Cal	Qvalue	# 48
41) Hexachlorocyclopentadiene	12.510	237	27	7.291	ng	78
54) 2,4-Dinitrophenol	14.528	184	54	4.540	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.204	149	174331	2.739	ng	100
88) Benzo(b)fluoranthene	22.951	252	270408	2.533	ng	# 85
89) Benzo(k)fluoranthene	23.004	252	283373	2.711	ng	# 91
90) Benzo(a)pyrene	23.574	252	210772	2.307	ng	# 90

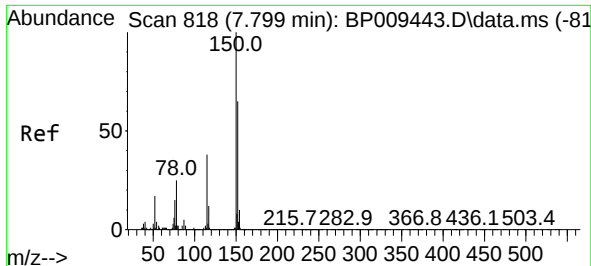
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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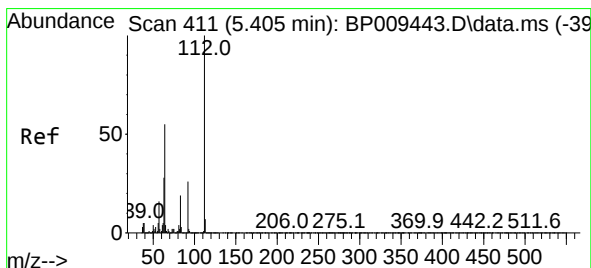
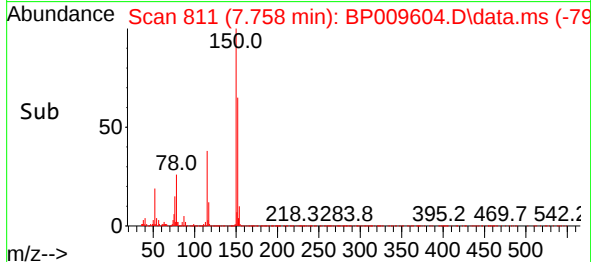
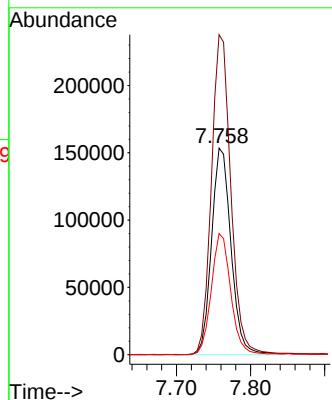
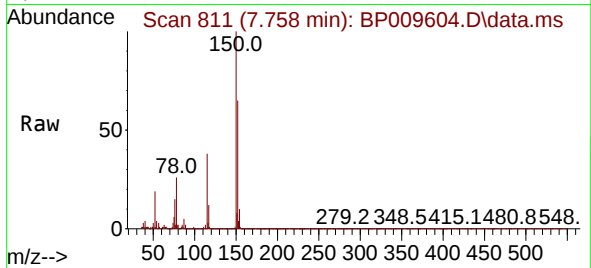




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

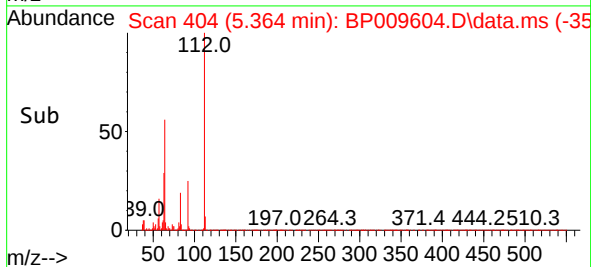
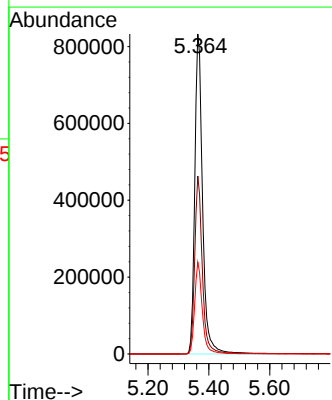
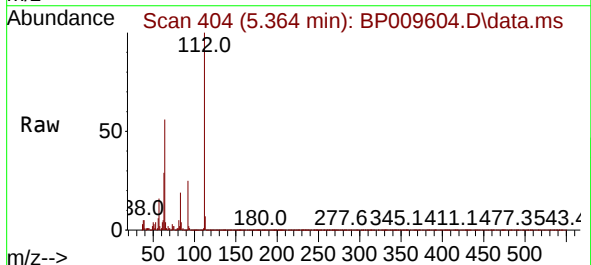
Instrument :
BNA_P
ClientSampleId :
CP-BH2-031422-4-6

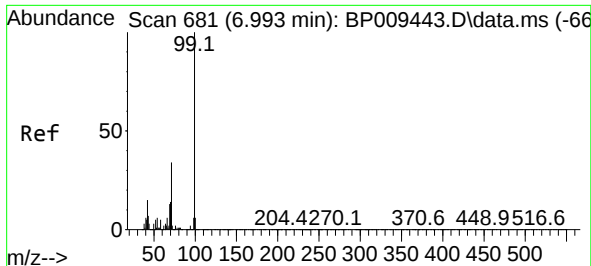
Tgt Ion:152 Resp: 280036
Ion Ratio Lower Upper
152 100
150 154.9 124.5 186.7
115 58.6 48.2 72.4



#5
2-Fluorophenol
Concen: 92.978 ng
RT: 5.364 min Scan# 404
Delta R.T. -0.006 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

Tgt Ion:112 Resp: 1491301
Ion Ratio Lower Upper
112 100
64 55.6 45.0 67.4
63 28.7 23.0 34.6

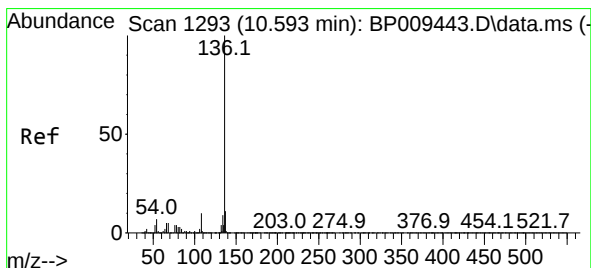
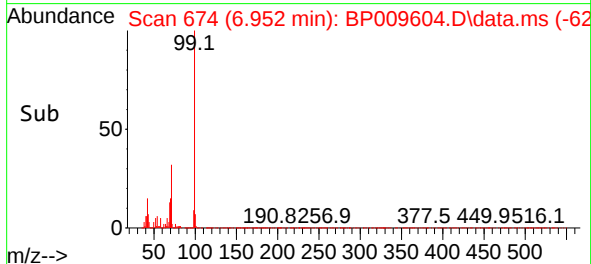
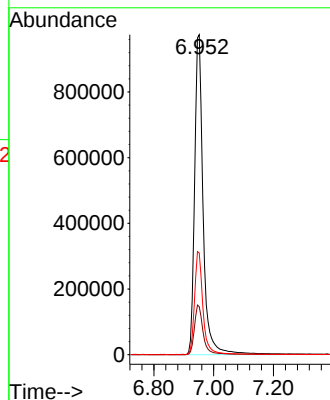
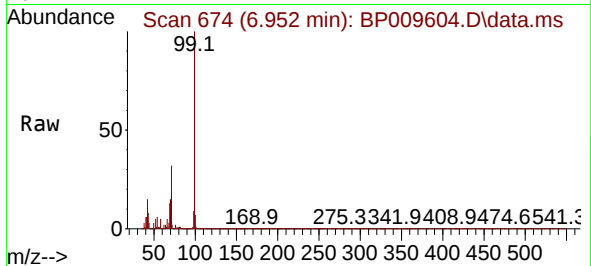




#7
Phenol-d6
Concen: 89.350 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

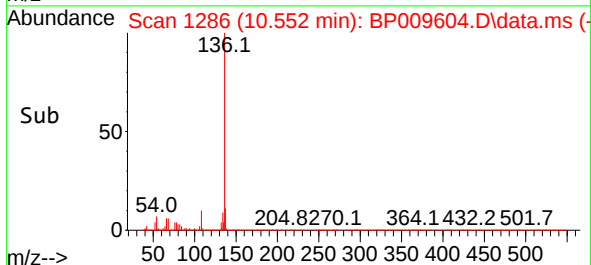
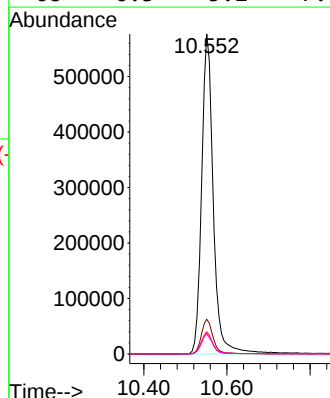
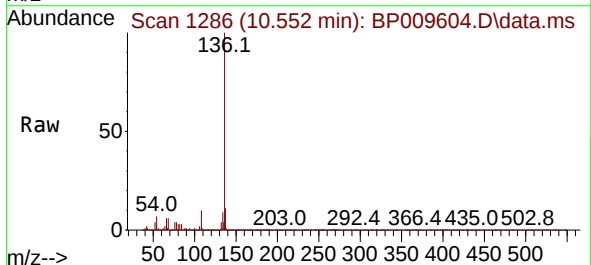
Instrument :
BNA_P
ClientSampleId :
CP-BH2-031422-4-6

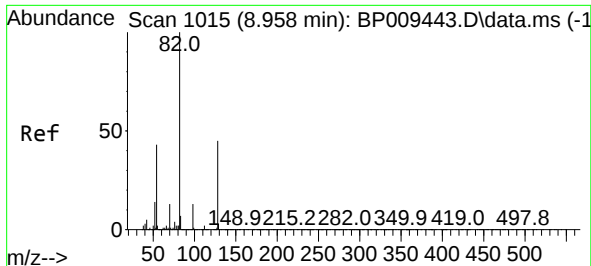
Tgt Ion: 99 Resp: 1938080
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 31.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

Tgt Ion: 136 Resp: 1122817
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 6.9 5.8 8.8
68 6.3 5.2 7.8

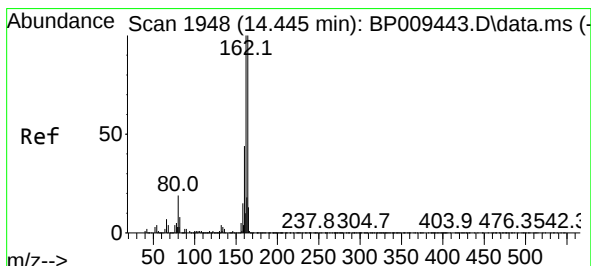
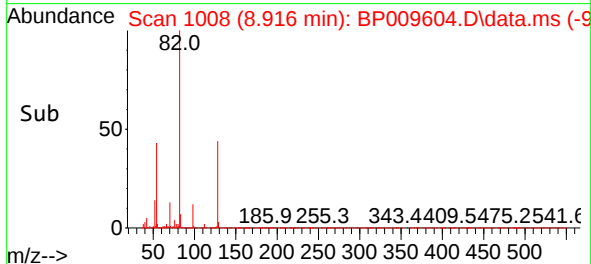
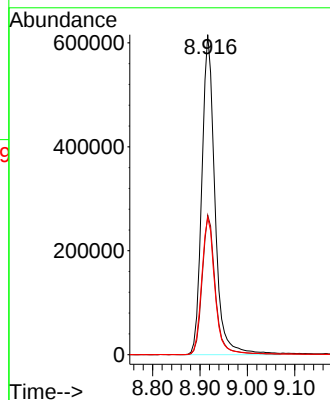
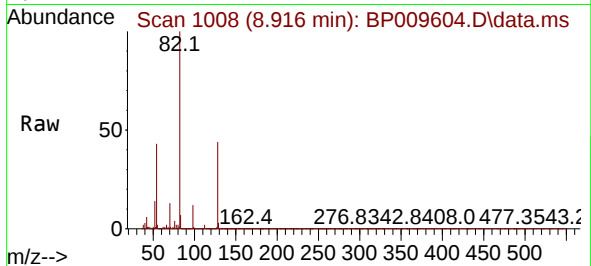




#23
Nitrobenzene-d5
Concen: 55.926 ng
RT: 8.916 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

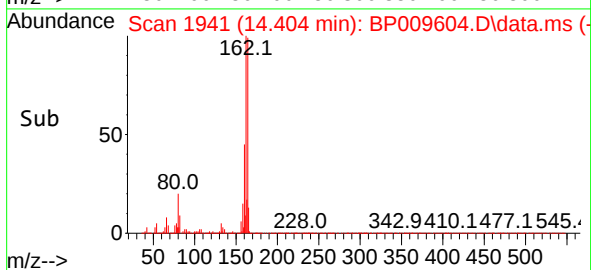
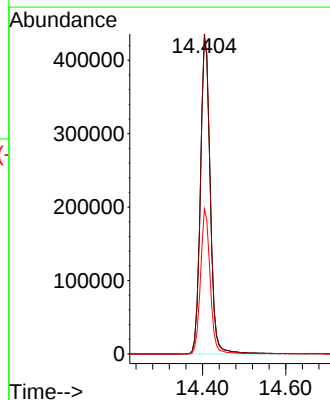
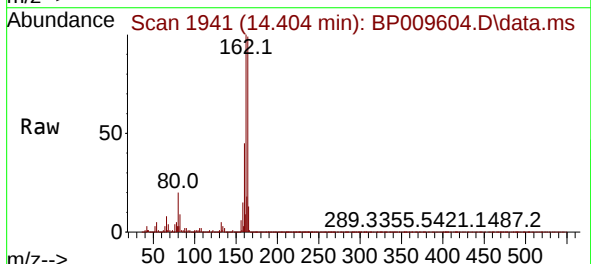
Instrument :
BNA_P
ClientSampleId :
CP-BH2-031422-4-6

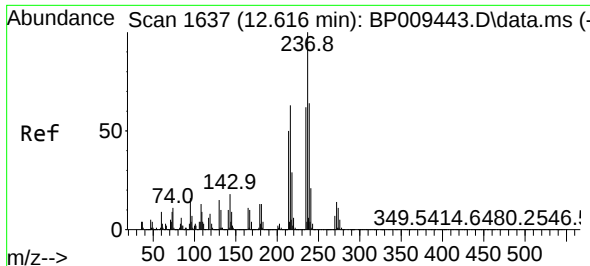
Tgt Ion: 82 Resp: 1181676
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 42.8 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

Tgt Ion:164 Resp: 707668
Ion Ratio Lower Upper
164 100
162 101.2 79.1 118.7
160 45.9 34.9 52.3

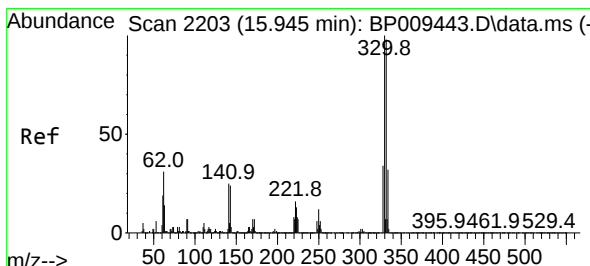
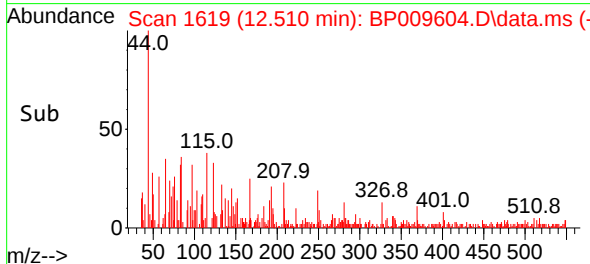
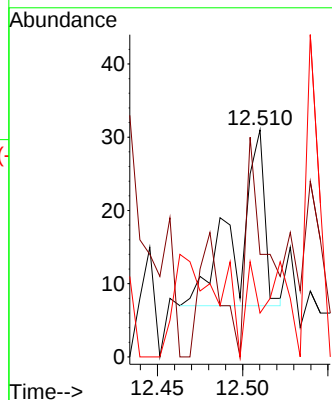
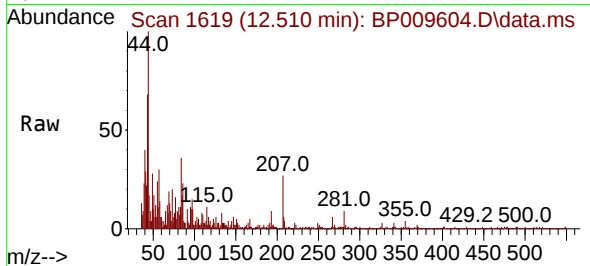




#41
Hexachlorocyclopentadiene
Concen: 7.291 ng
RT: 12.510 min Scan# 1
Delta R.T. -0.065 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

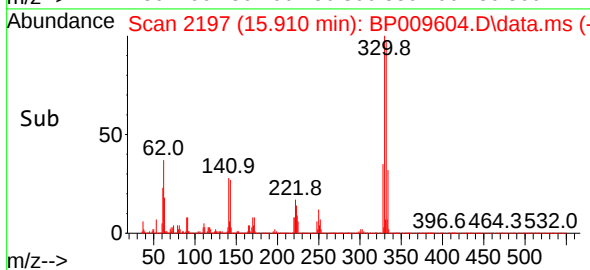
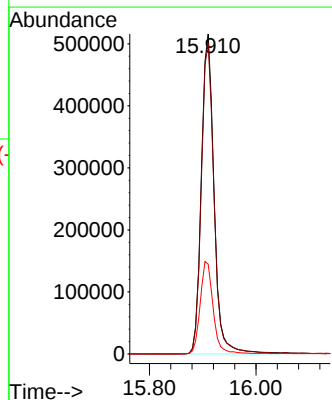
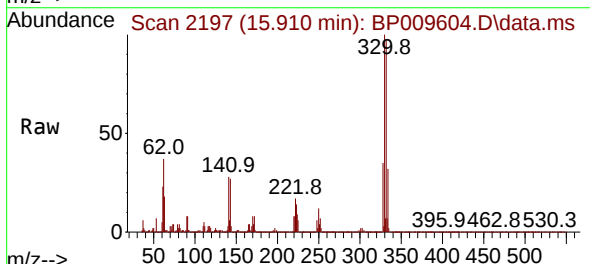
Instrument :
BNA_P
ClientSampleId :
CP-BH2-031422-4-6

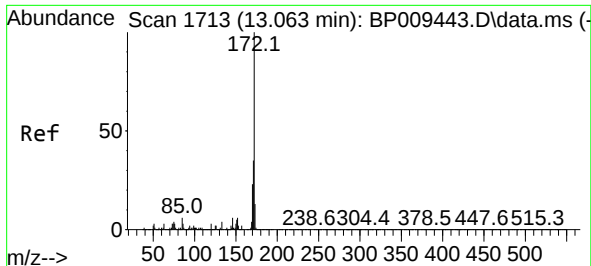
Tgt Ion: 237	Resp: 27
Ion Ratio	Lower Upper
237 100	
235 45.2	42.6 82.6
272 19.4	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 73.369 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

Tgt	Ion:330	Resp:	856783
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	29.7	27.6	41.4

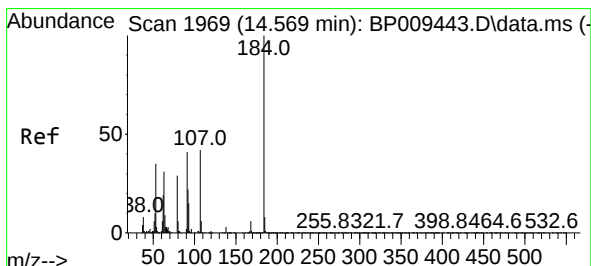
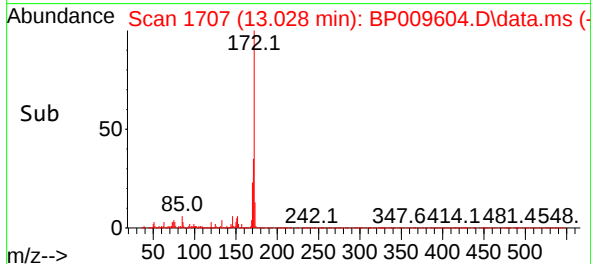
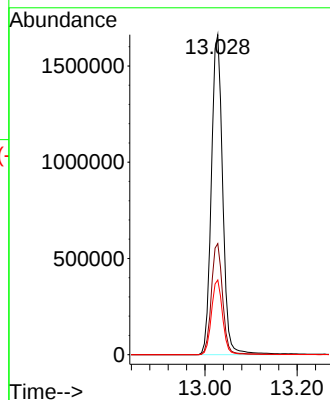
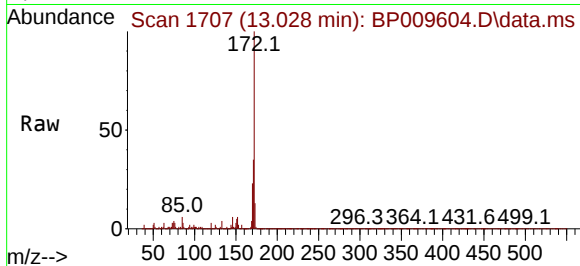




#45
2-Fluorobiphenyl
Concen: 55.659 ng
RT: 13.028 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

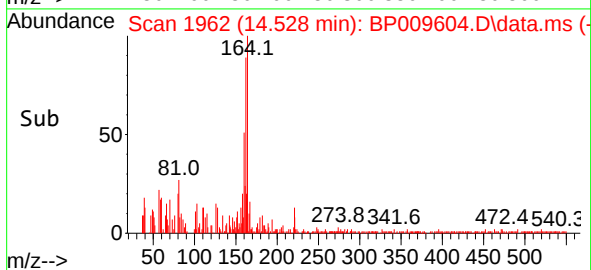
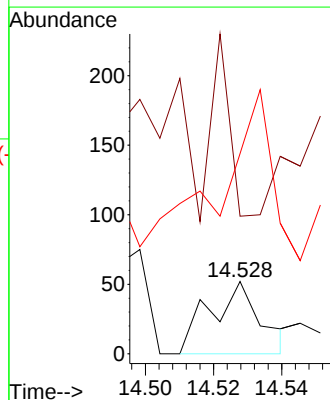
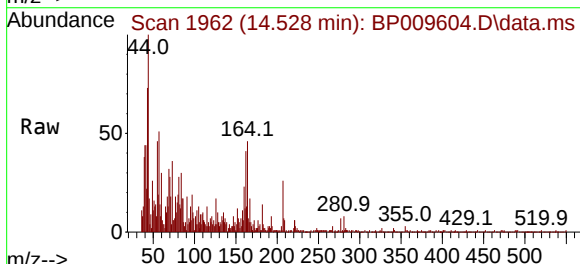
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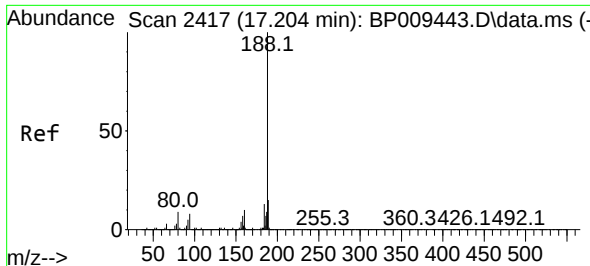
Tgt Ion:172 Resp: 2841262
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.3 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.540 ng
RT: 14.528 min Scan# 1962
Delta R.T. -0.023 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 190.4 46.3 69.5#
154 276.9 45.8 68.6#

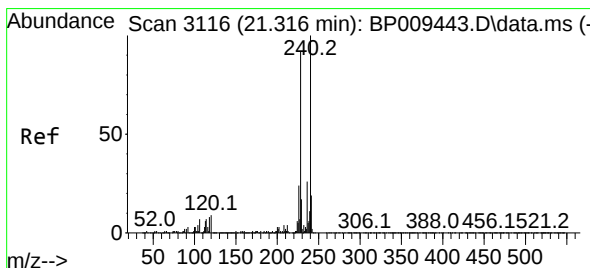
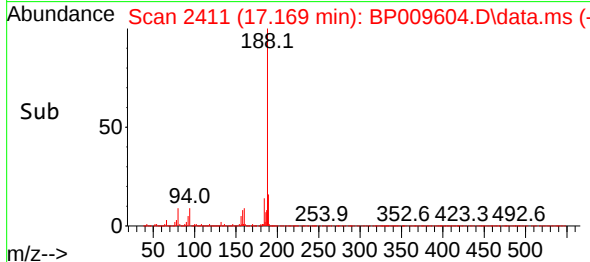
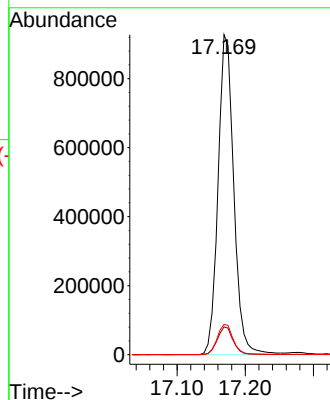
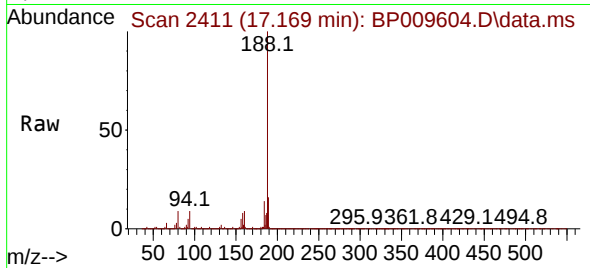




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.169 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

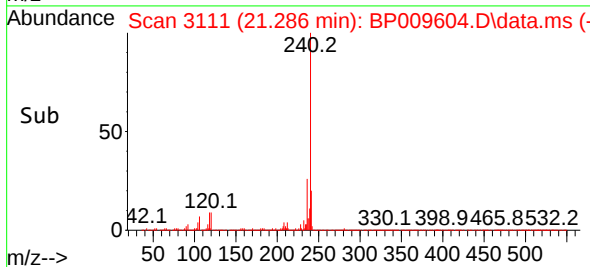
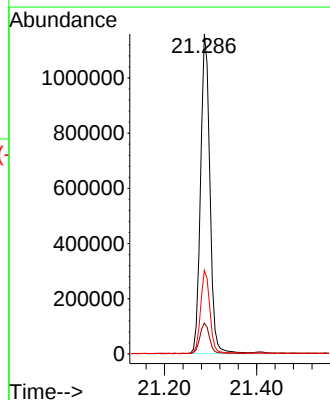
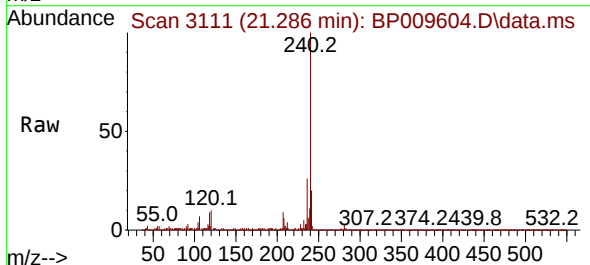
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BNA_P
ClientSampleId :
CP-BH2-031422-4-6

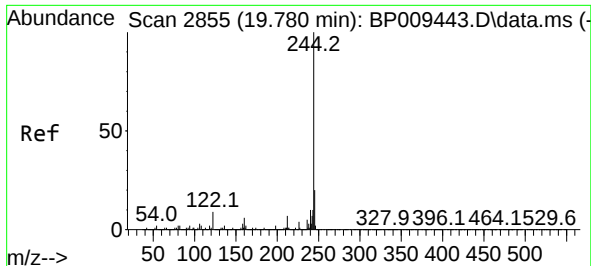
Tgt Ion:188 Resp: 1488754
Ion Ratio Lower Upper
188 100
94 8.7 7.9 11.9
80 9.4 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.286 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

Tgt Ion:240 Resp: 1630629
Ion Ratio Lower Upper
240 100
120 9.6 9.0 13.4
236 26.1 20.6 30.8

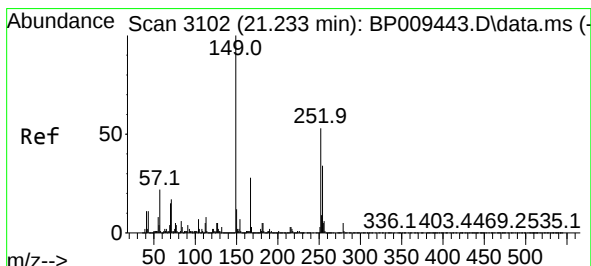
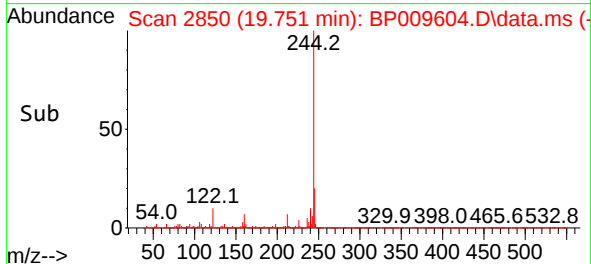
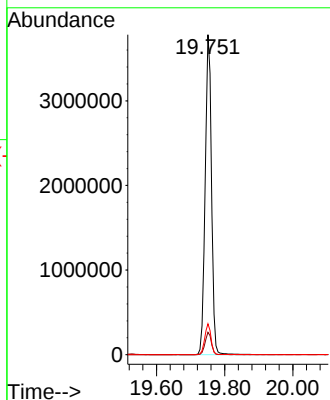
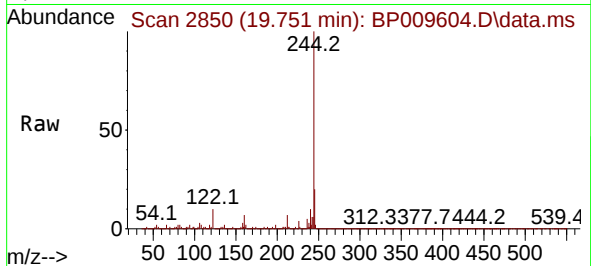




#79
 Terphenyl-d14
 Concen: 53.538 ng
 RT: 19.751 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009604.D
 Acq: 29 Mar 2022 20:45

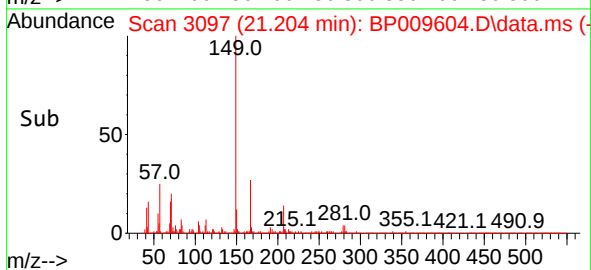
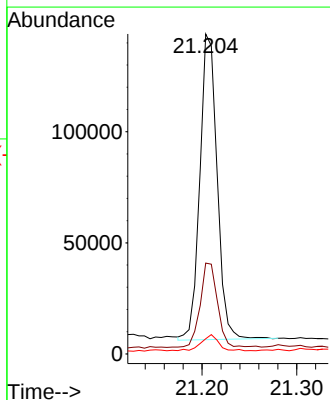
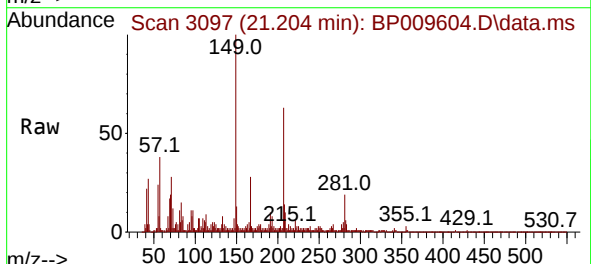
Instrument :
 BNA_P
 ClientSampleId :
 CP-BH2-031422-4-6

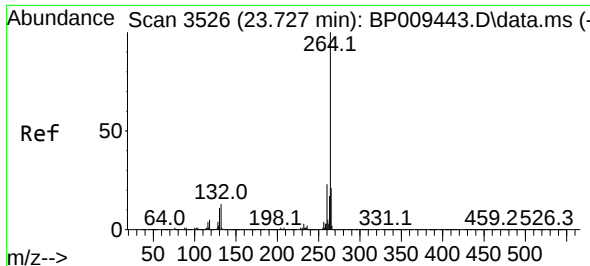
Tgt Ion:244 Resp: 4863878
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.7 8.3 12.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.739 ng
 RT: 21.204 min Scan# 3097
 Delta R.T. -0.006 min
 Lab File: BP009604.D
 Acq: 29 Mar 2022 20:45

Tgt Ion:149 Resp: 174331
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.6 33.8
 279 4.8 3.8 5.6



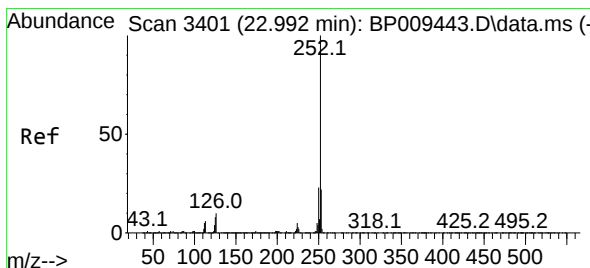
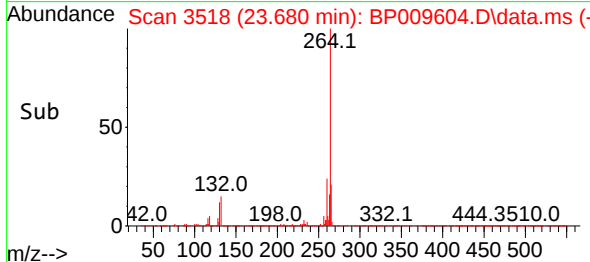
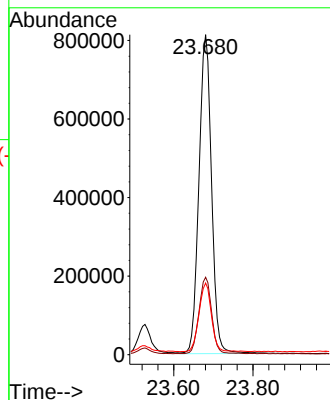
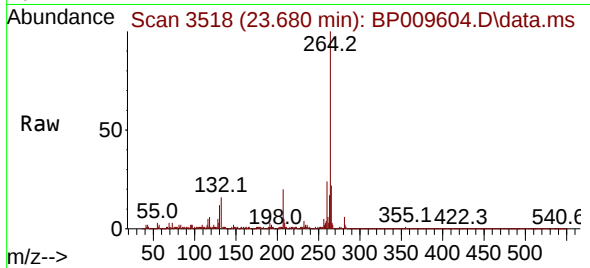


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.680 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

Instrument :
BNA_P
ClientSampleId :
CP-BH2-031422-4-6

Tgt Ion:264 Resp: 1788380

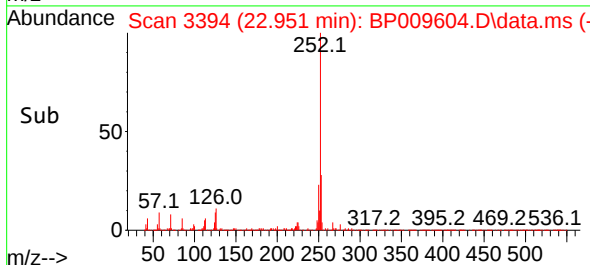
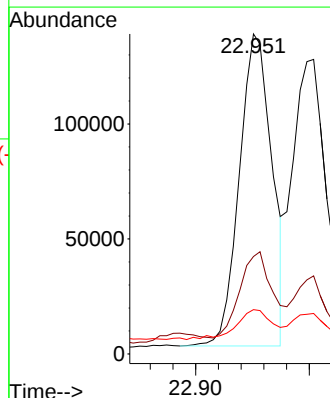
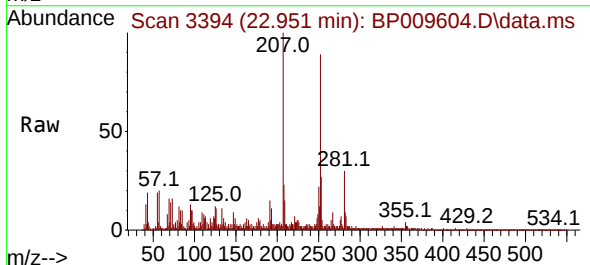
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.4	17.2	25.8

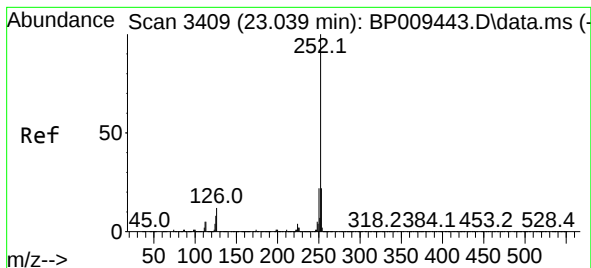


#88
Benzo(b)fluoranthene
Concen: 2.533 ng
RT: 22.951 min Scan# 3394
Delta R.T. -0.012 min
Lab File: BP009604.D
Acq: 29 Mar 2022 20:45

Tgt Ion:252 Resp: 270408

Ion	Ratio	Lower	Upper
252	100		
253	30.5	17.8	26.8#
125	13.9	8.1	12.1#





#89

Benzo(k)fluoranthene

Concen: 2.711 ng

RT: 23.004 min Scan# 3409

Delta R.T. 0.000 min

Lab File: BP009604.D

Acq: 29 Mar 2022 20:45

Instrument :

BNA_P

ClientSampleId :

CP-BH2-031422-4-6

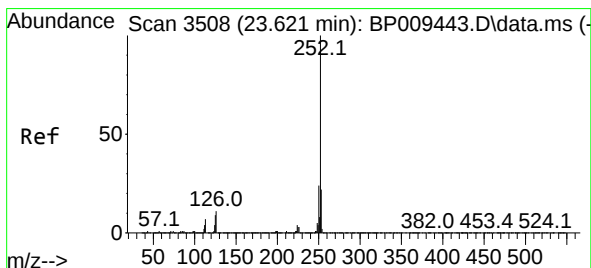
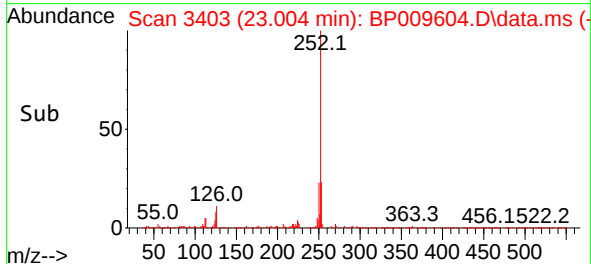
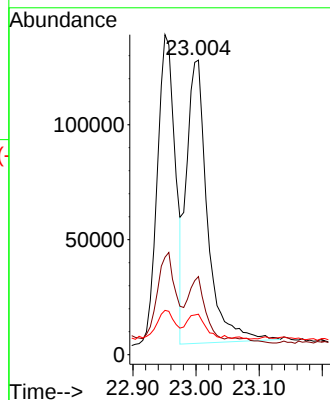
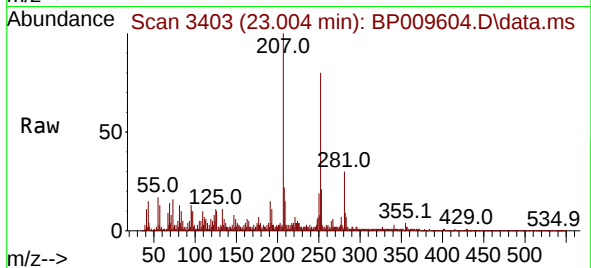
Tgt Ion:252 Resp: 283373

Ion Ratio Lower Upper

252 100

253 26.5 17.5 26.3#

125 13.8 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 2.307 ng

RT: 23.574 min Scan# 3500

Delta R.T. -0.006 min

Lab File: BP009604.D

Acq: 29 Mar 2022 20:45

Tgt Ion:252 Resp: 210772

Ion Ratio Lower Upper

252 100

253 25.6 17.8 26.6

125 17.1 9.3 13.9#

