

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032922\
 Data File : BP009605.D
 Acq On : 29 Mar 2022 21:19
 Operator : CG/JU
 Sample : N2095-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-02-5.0-6.0

Quant Time: Mar 30 04:11:00 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)

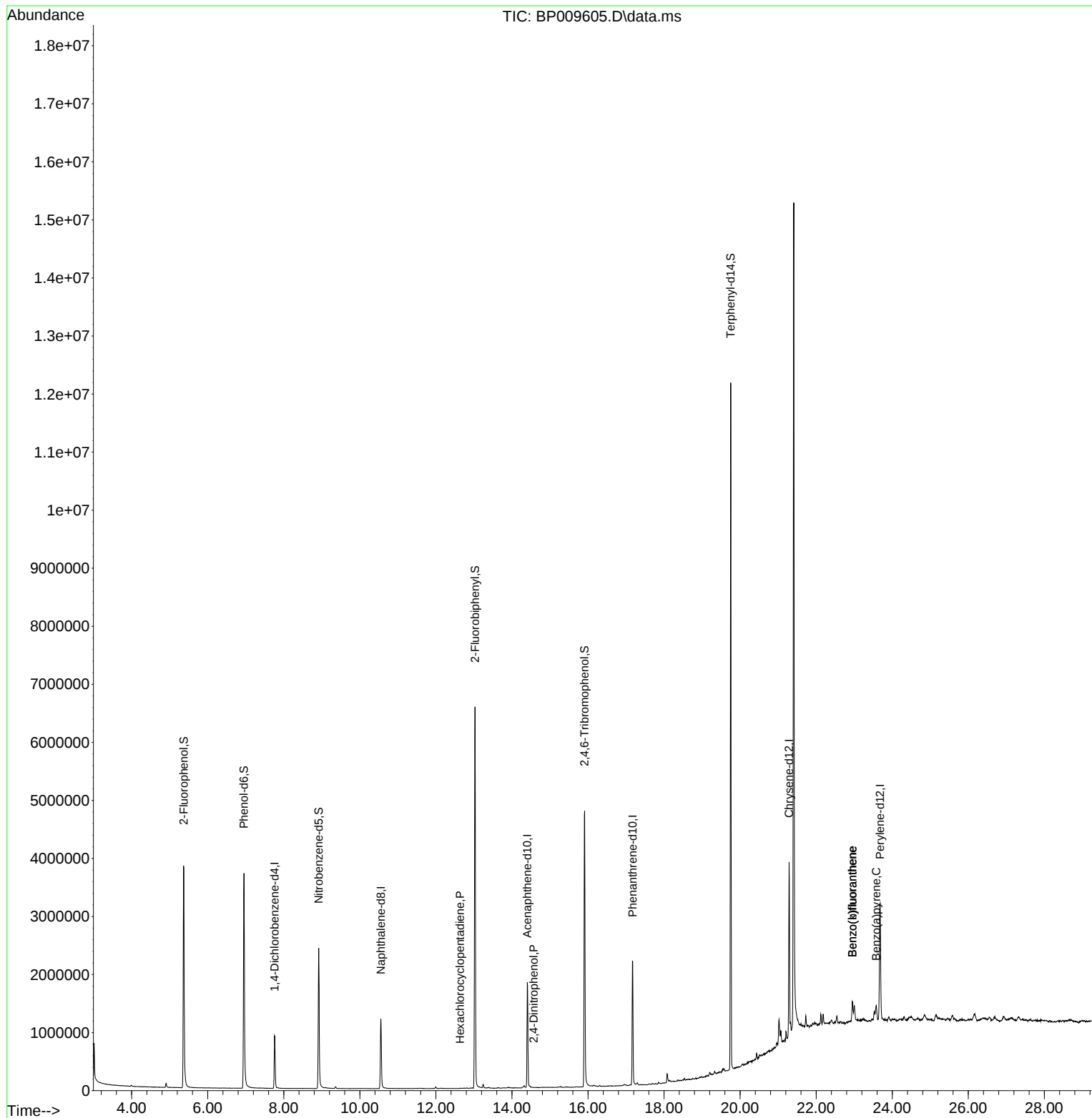
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	296485	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1186263	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	731125	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1493604	20.000	ng	0.00
76) Chrysene-d12	21.286	240	1584407	20.000	ng	0.00
86) Perylene-d12	23.680	264	1710723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2174669	128.061	ng	0.00
7) Phenol-d6	6.952	99	2699789	117.561	ng	0.00
23) Nitrobenzene-d5	8.916	82	1698408	76.083	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	1164250	96.500	ng	0.00
45) 2-Fluorobiphenyl	13.028	172	3892067	73.798	ng	0.00
79) Terphenyl-d14	19.751	244	6097289	69.073	ng	0.00
Target Compounds						
9) Benzaldehyde	6.905	77	348	Below Cal	Qvalue	# 43
41) Hexachlorocyclopentadiene	12.634	237	14	7.290	ng	86
54) 2,4-Dinitrophenol	14.569	184	45	4.539	ng	# 1
88) Benzo(b)fluoranthene	22.951	252	234367	2.295	ng	98
89) Benzo(k)fluoranthene	22.951	252	234367	2.344	ng	97
90) Benzo(a)pyrene	23.580	252	183912	2.105	ng	96

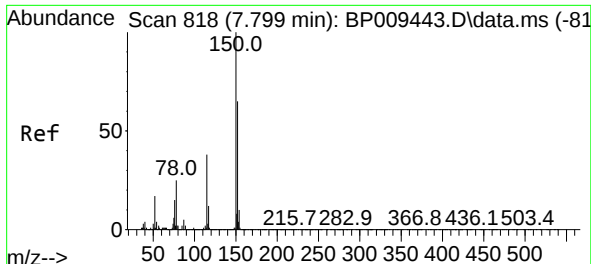
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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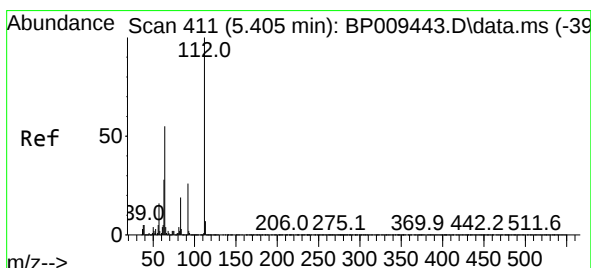
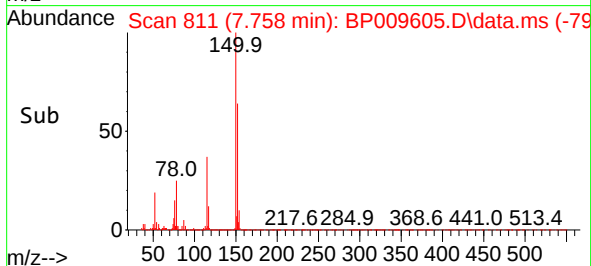
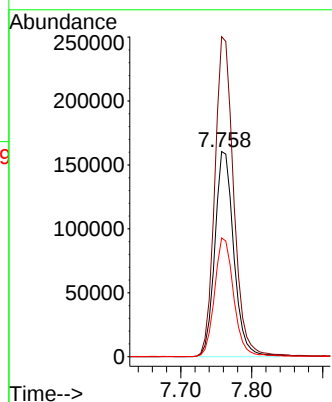
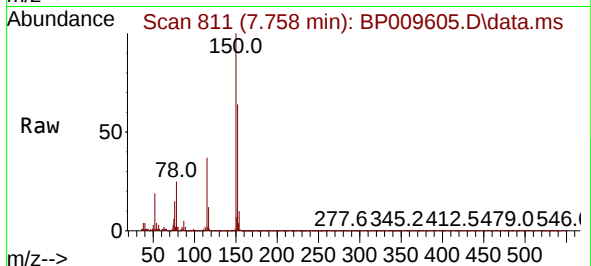




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

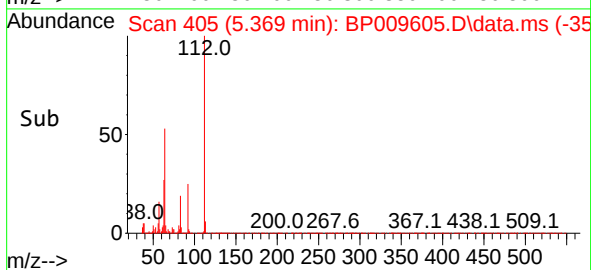
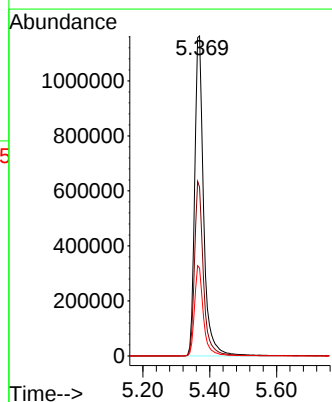
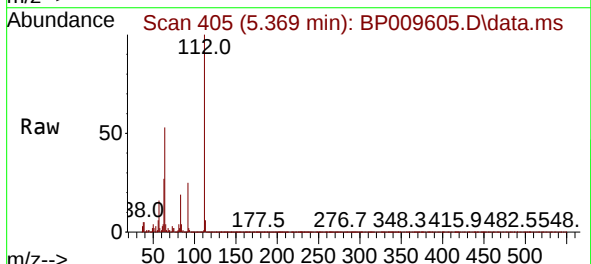
Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0

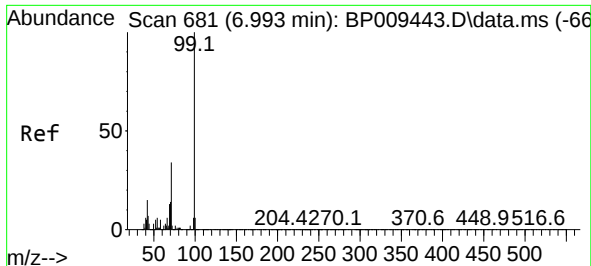
Tgt Ion:152 Resp: 296485
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 57.9 48.2 72.4



#5
2-Fluorophenol
Concen: 128.061 ng
RT: 5.369 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Tgt Ion:112 Resp: 2174669
Ion Ratio Lower Upper
112 100
64 52.7 45.0 67.4
63 27.4 23.0 34.6

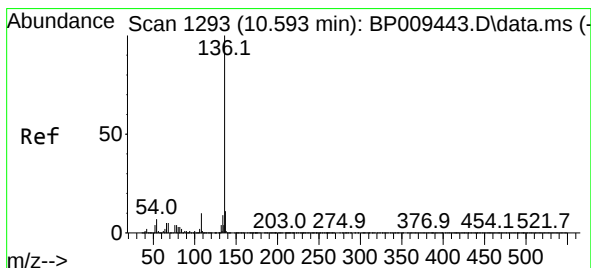
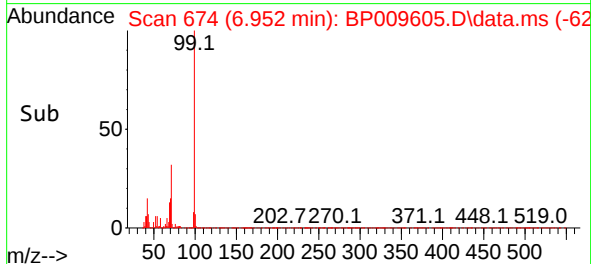
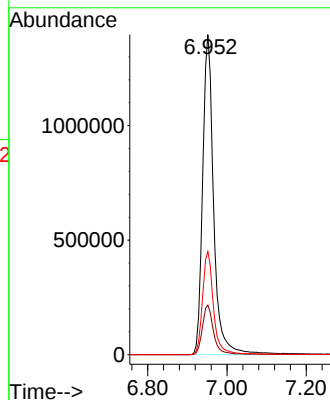
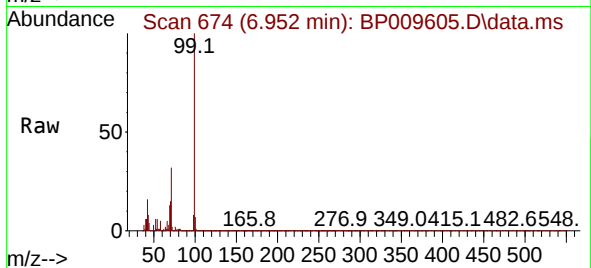




#7
Phenol-d6
Concen: 117.561 ng
RT: 6.952 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

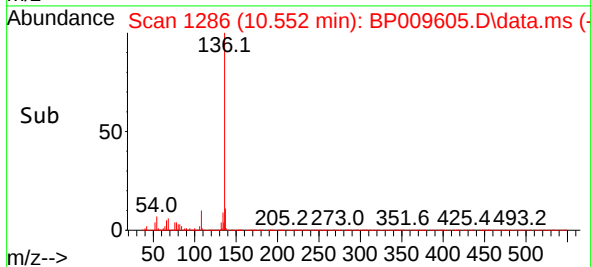
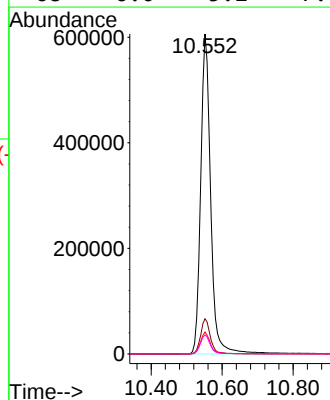
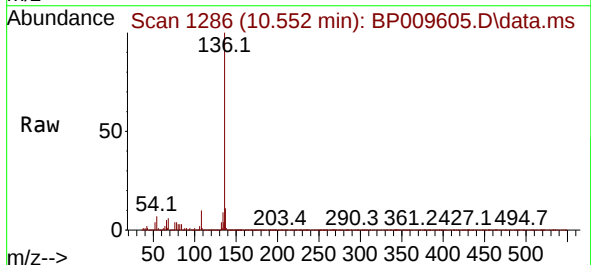
Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0

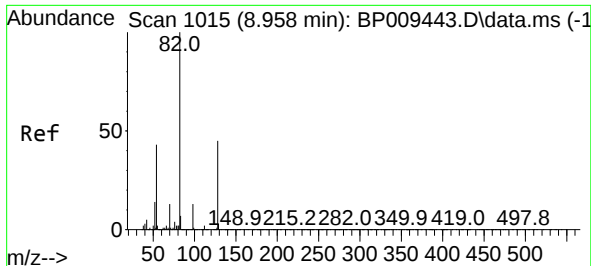
Tgt Ion: 99 Resp: 2699789
Ion Ratio Lower Upper
99 100
42 15.5 12.8 19.2
71 32.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Tgt Ion: 136 Resp: 1186263
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 6.9 5.8 8.8
68 6.0 5.2 7.8

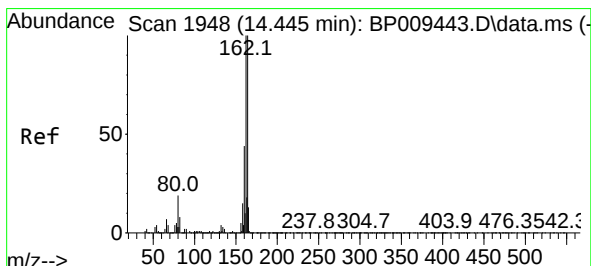
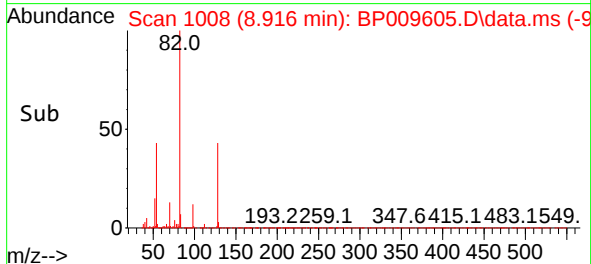
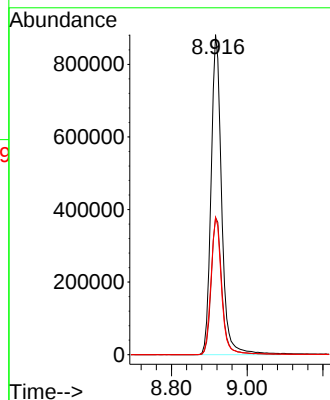
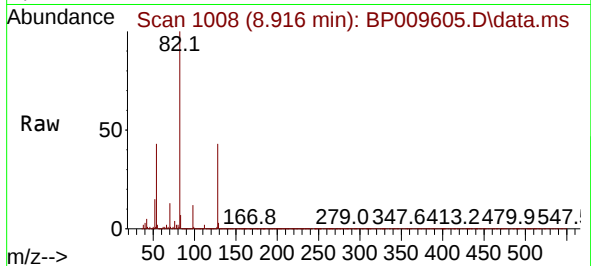




#23
Nitrobenzene-d5
Concen: 76.083 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

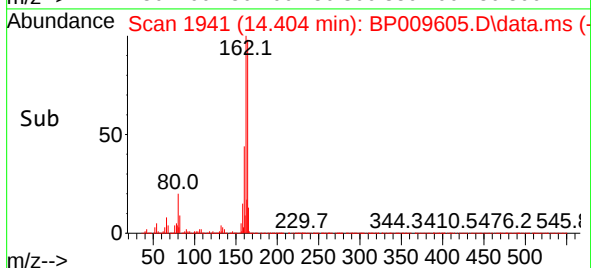
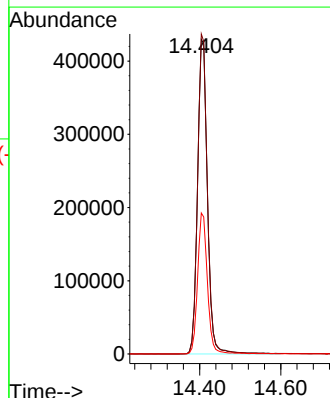
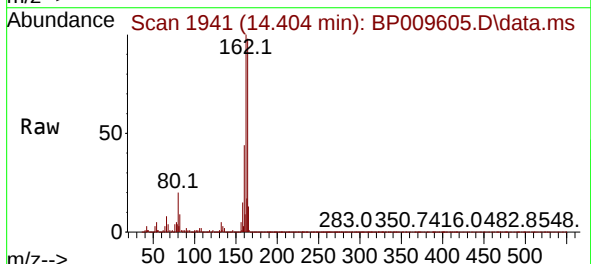
Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0

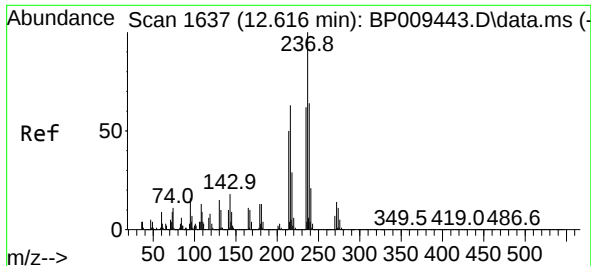
Tgt Ion: 82 Resp: 1698408
Ion Ratio Lower Upper
82 100
128 42.9 34.2 51.4
54 42.8 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.404 min Scan# 1941
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Tgt Ion: 164 Resp: 731125
Ion Ratio Lower Upper
164 100
162 101.7 79.1 118.7
160 44.8 34.9 52.3

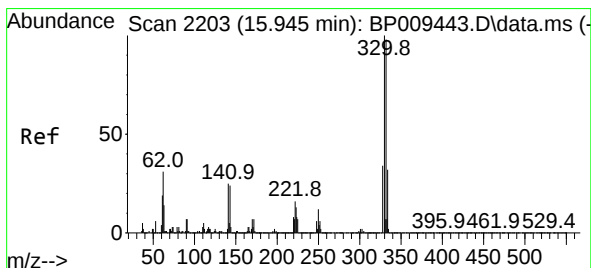
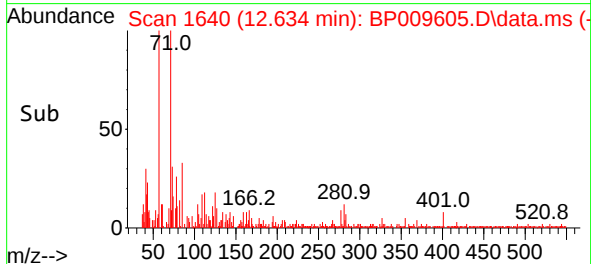
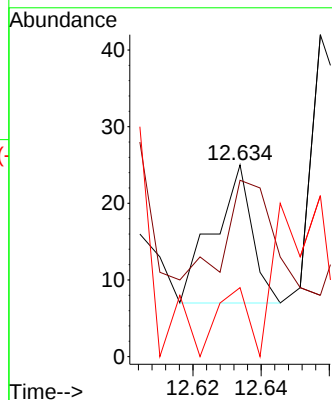
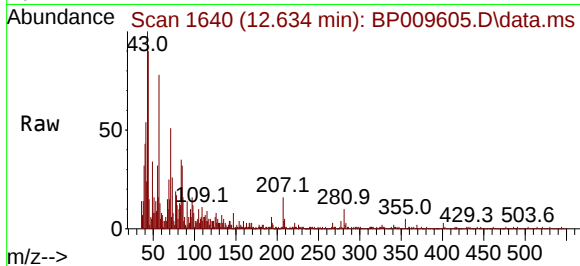




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.634 min Scan# 1
Delta R.T. 0.059 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

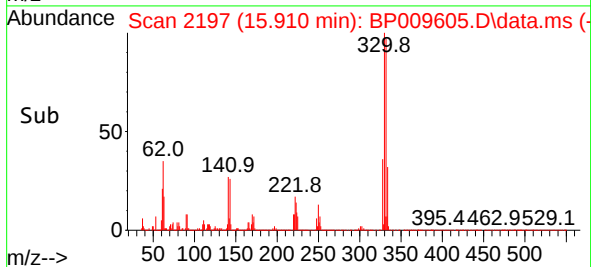
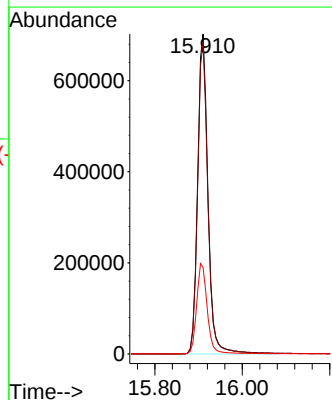
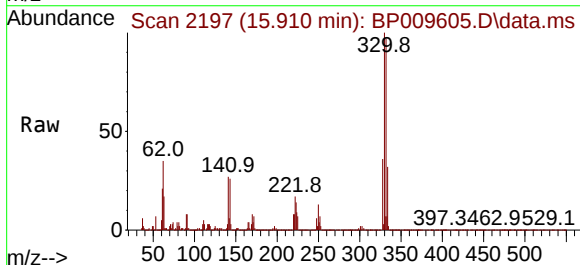
Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0

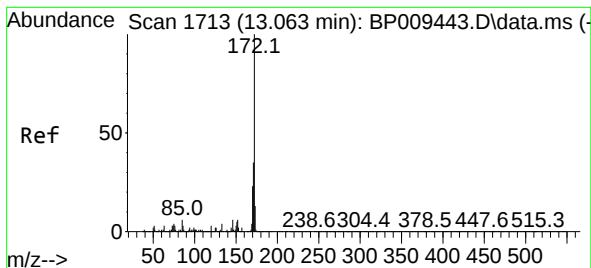
Tgt Ion:	237	Resp:	14
Ion	Ratio	Lower	Upper
237	100		
235	69.7	42.6	82.6
272	27.3	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 96.500 ng
RT: 15.910 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Tgt Ion:	330	Resp:	1164250
Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	28.9	27.6	41.4





#45

2-Fluorobiphenyl

Concen: 73.798 ng

RT: 13.028 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009605.D

Acq: 29 Mar 2022 21:19

Instrument :

BNA_P

ClientSampleId :

SB-02-5.0-6.0

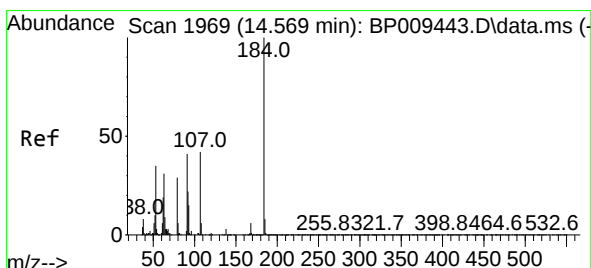
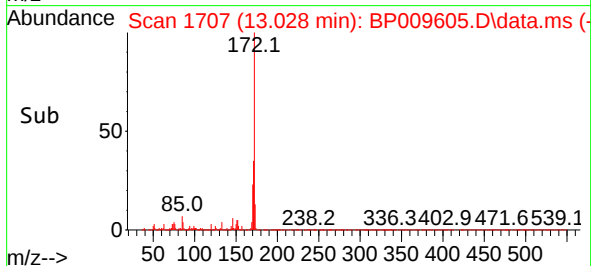
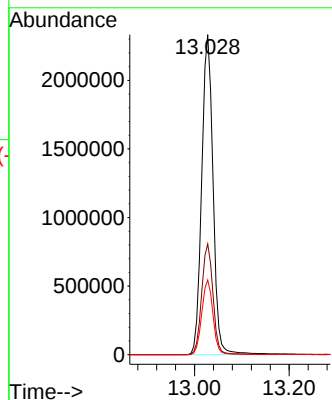
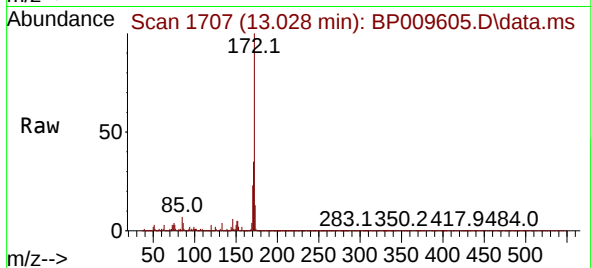
Tgt Ion:172 Resp: 3892067

Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.3 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.539 ng

RT: 14.569 min Scan# 1969

Delta R.T. 0.018 min

Lab File: BP009605.D

Acq: 29 Mar 2022 21:19

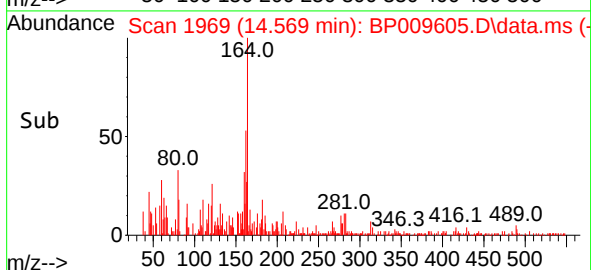
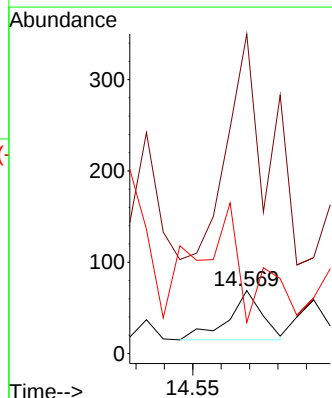
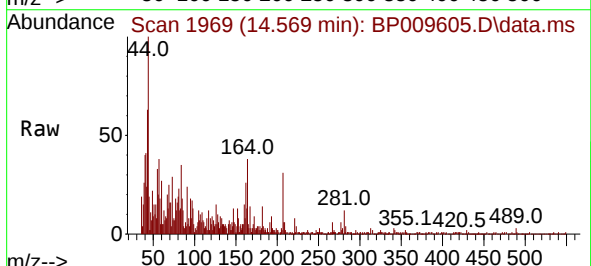
Tgt Ion:184 Resp: 45

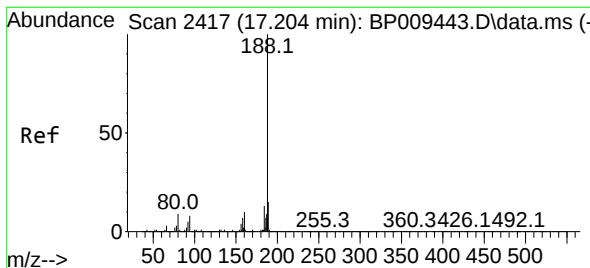
Ion Ratio Lower Upper

184 100

63 416.7 46.3 69.5#

154 40.5 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.175 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BP009605.D

Acq: 29 Mar 2022 21:19

Instrument :

BNA_P

ClientSampleId :

SB-02-5.0-6.0

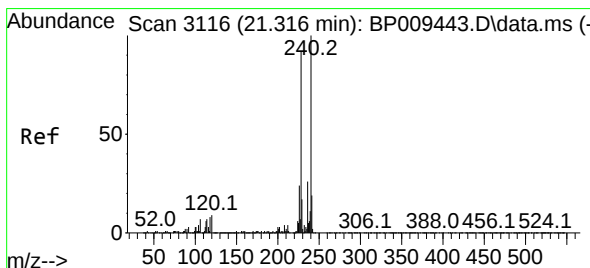
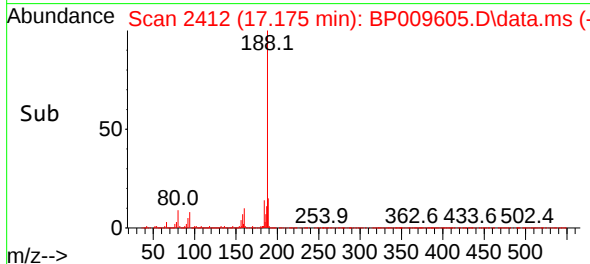
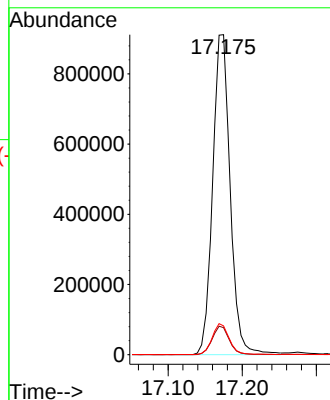
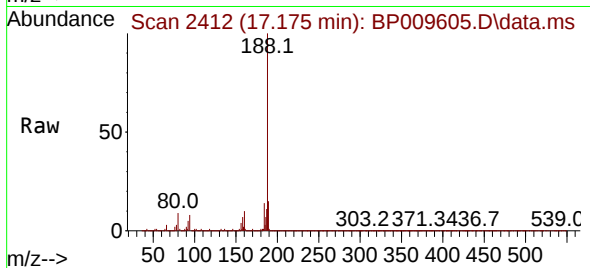
Tgt Ion:188 Resp: 1493604

Ion Ratio Lower Upper

188 100

94 8.5 7.9 11.9

80 9.0 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: BP009605.D

Acq: 29 Mar 2022 21:19

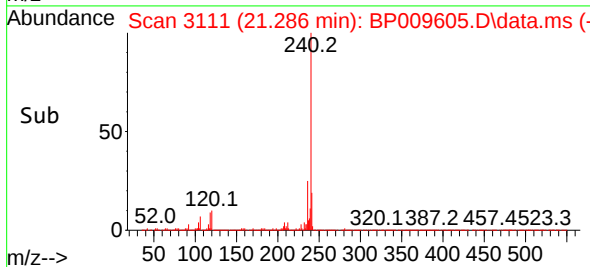
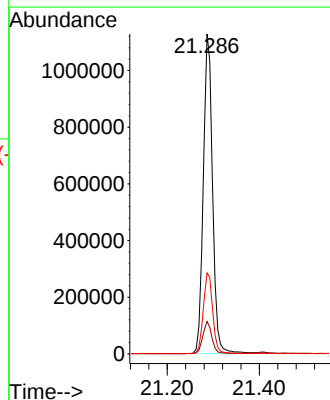
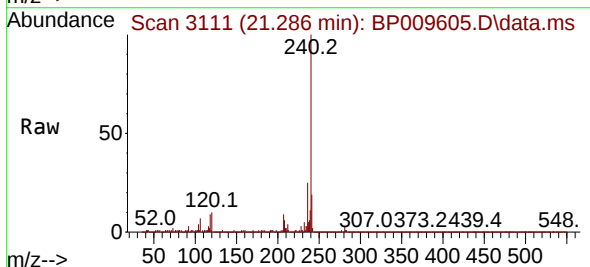
Tgt Ion:240 Resp: 1584407

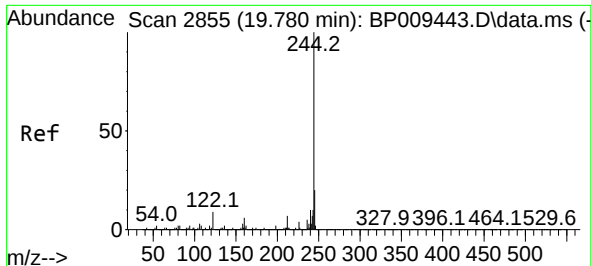
Ion Ratio Lower Upper

240 100

120 10.2 9.0 13.4

236 25.4 20.6 30.8

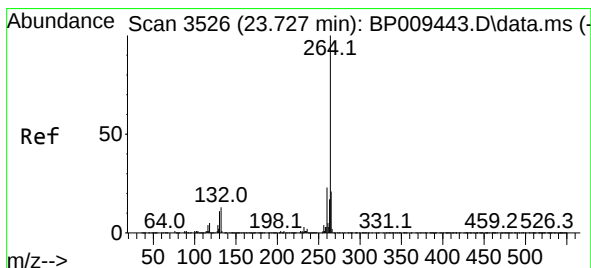
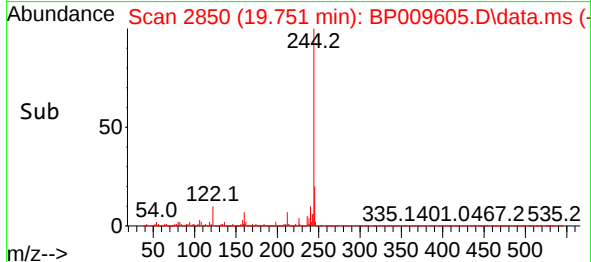
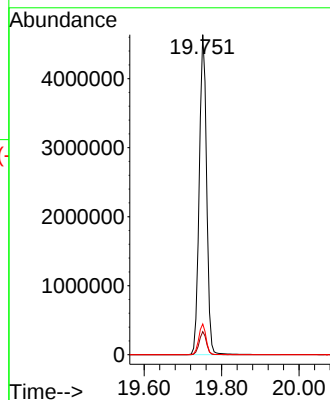
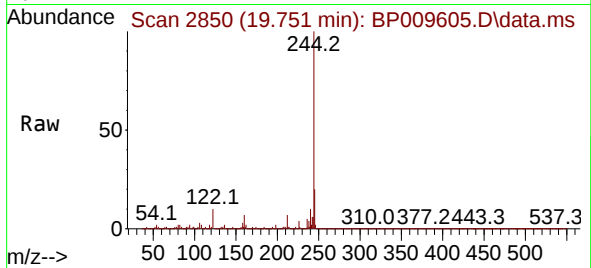




#79
 Terphenyl-d14
 Concen: 69.073 ng
 RT: 19.751 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009605.D
 Acq: 29 Mar 2022 21:19

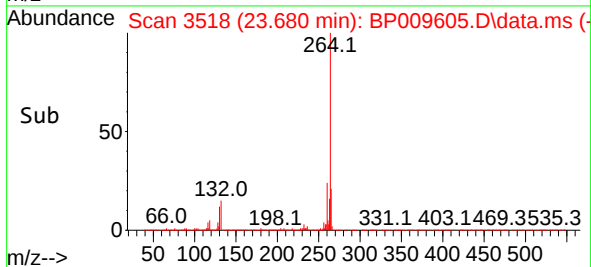
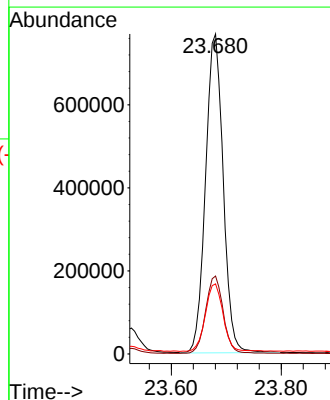
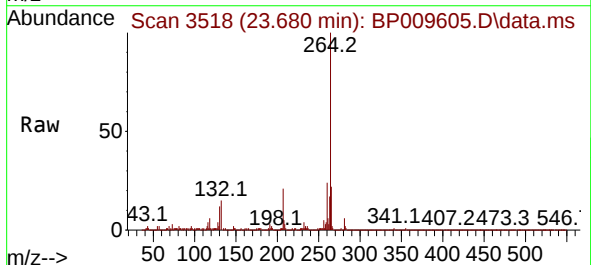
Instrument :
 BNA_P
 ClientSampleId :
 SB-02-5.0-6.0

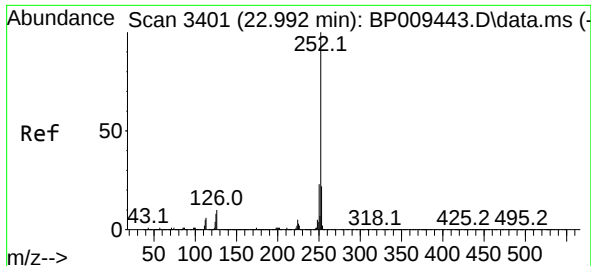
Tgt Ion:244 Resp: 6097289
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.680 min Scan# 3518
 Delta R.T. -0.006 min
 Lab File: BP009605.D
 Acq: 29 Mar 2022 21:19

Tgt Ion:264 Resp: 1710723
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.0
 265 21.9 17.2 25.8

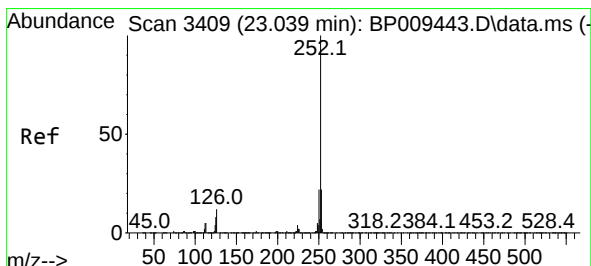
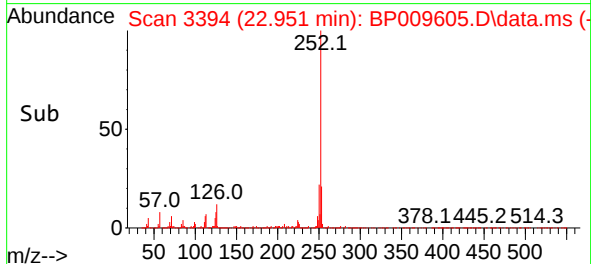
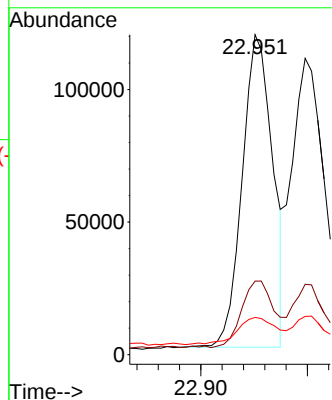
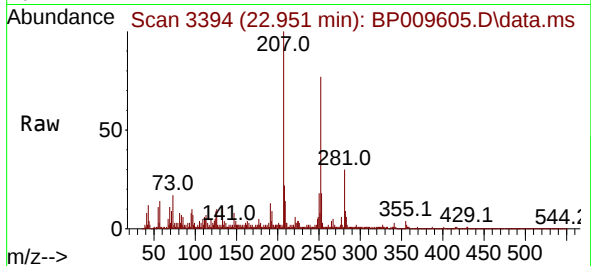




#88
Benzo(b)fluoranthene
Concen: 2.295 ng
RT: 22.951 min Scan# 3394
Delta R.T. -0.012 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

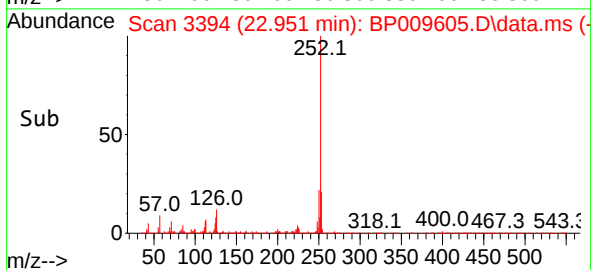
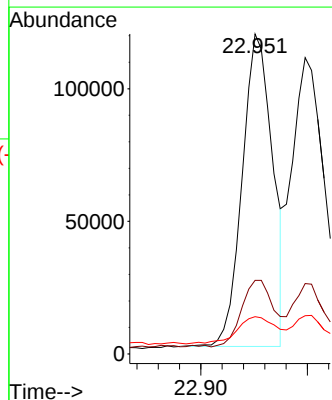
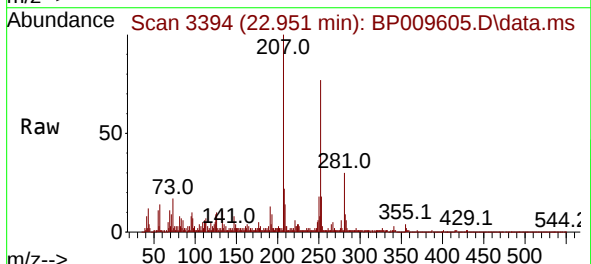
Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0

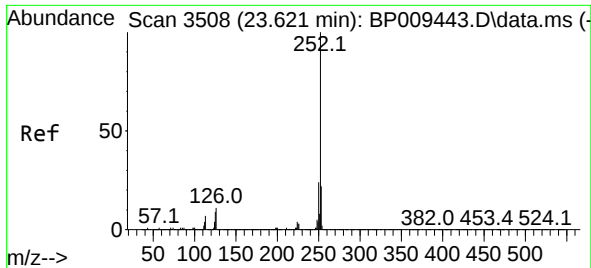
Tgt Ion:252 Resp: 234367
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.7 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 2.344 ng
RT: 22.951 min Scan# 3394
Delta R.T. -0.053 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

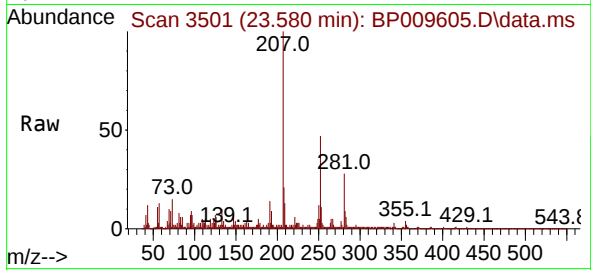
Tgt Ion:252 Resp: 234367
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 11.7 8.3 12.5





#90
Benzo(a)pyrene
Concen: 2.105 ng
RT: 23.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP009605.D
Acq: 29 Mar 2022 21:19

Instrument :
BNA_P
ClientSampleId :
SB-02-5.0-6.0



Tgt Ion:252 Resp: 183912
Ion Ratio Lower Upper
252 100
253 23.8 17.8 26.6
125 13.9 9.3 13.9

