

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032122\
 Data File : BP009479.D
 Acq On : 21 Mar 2022 20:01
 Operator : CG/JU
 Sample : N1994-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-01-COMP

Quant Time: Mar 22 06:12:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

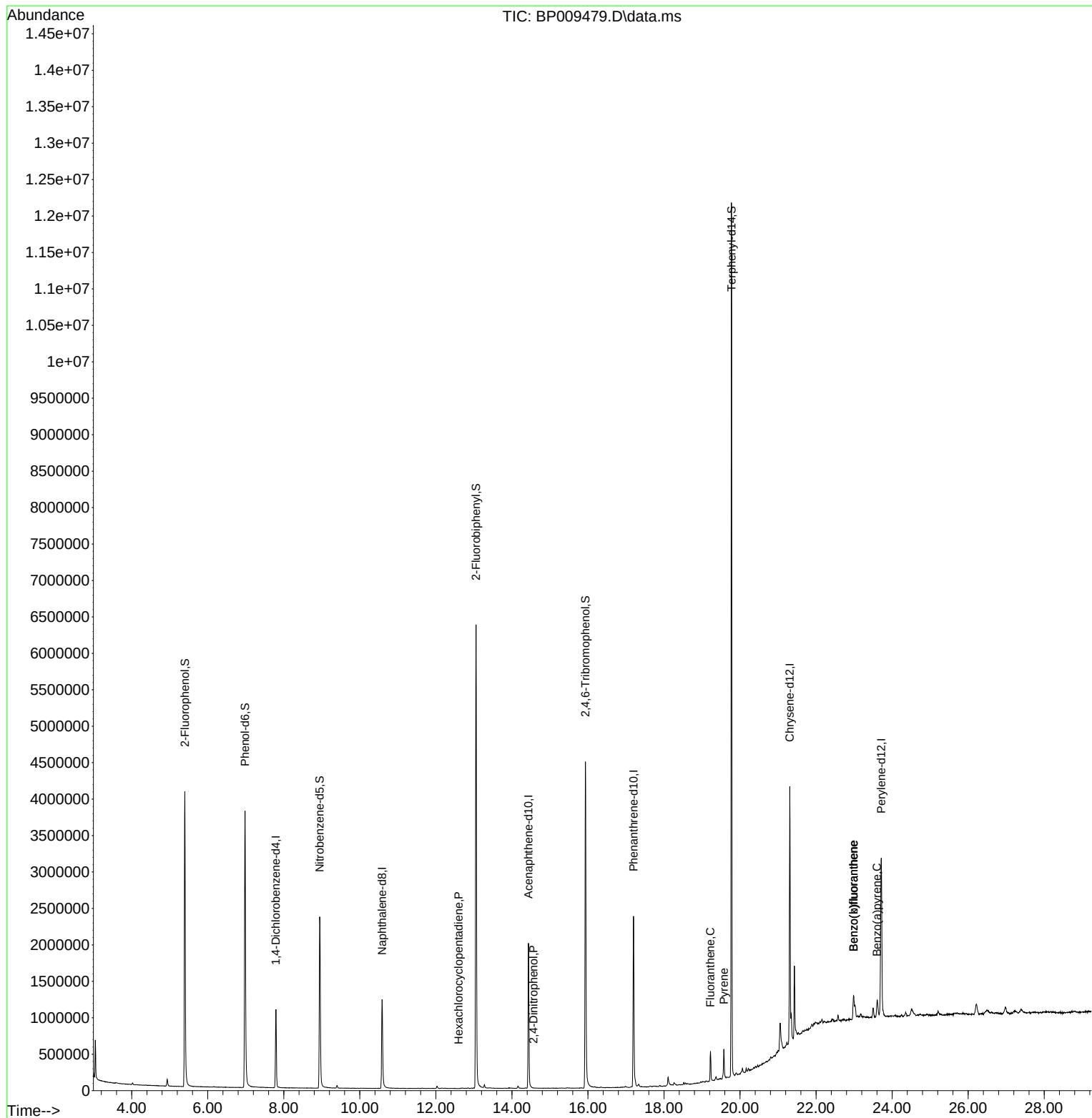
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	323590	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1282313	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	784848	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1643188	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1737545	20.000	ng	0.00
86) Perylene-d12	23.715	264	1839200	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2103652	113.503	ng	0.00
7) Phenol-d6	6.981	99	2649796	105.719	ng	-0.01
23) Nitrobenzene-d5	8.946	82	1662852	68.910	ng	-0.01
42) 2,4,6-Tribromophenol	15.933	330	1070984	82.693	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	3788779	66.922	ng	0.00
79) Terphenyl-d14	19.774	244	6019891	62.186	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.981	77	5887	Below Cal	#	14
41) Hexachlorocyclopentadiene	12.598	237	21	7.290	ng	74
54) 2,4-Dinitrophenol	14.569	184	19	4.535	ng	# 1
75) Fluoranthene	19.222	202	281477	2.643	ng	98
78) Pyrene	19.574	202	259287	2.265	ng	99
88) Benzo(b)fluoranthene	22.986	252	271977	2.477	ng	96
89) Benzo(k)fluoranthene	22.986	252	271977	2.530	ng	96
90) Benzo(a)pyrene	23.604	252	188668	2.008	ng	97

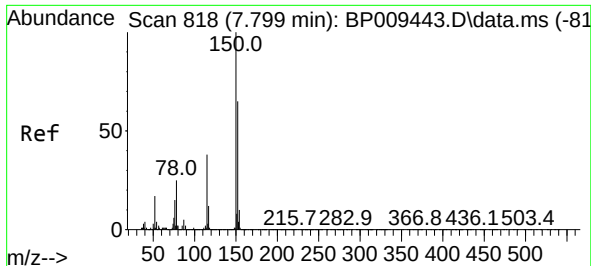
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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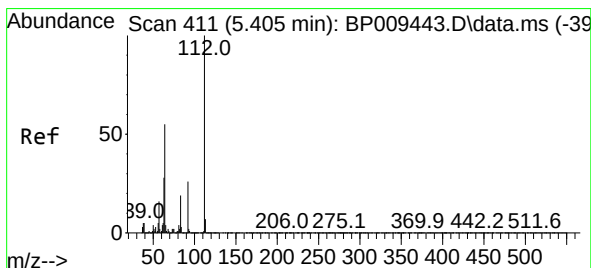
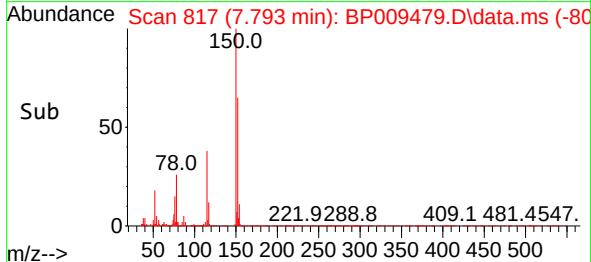
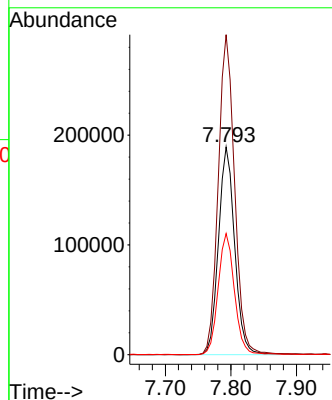
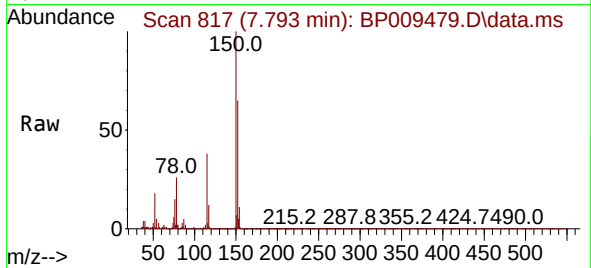




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

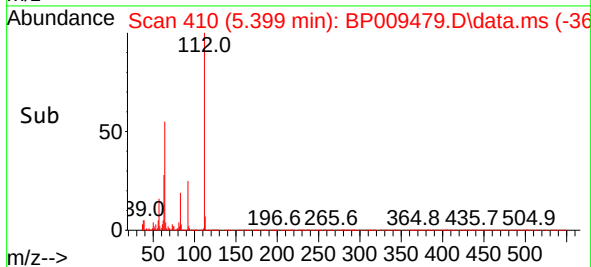
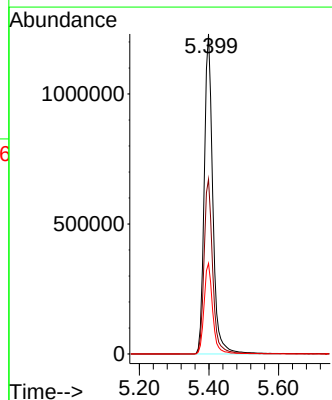
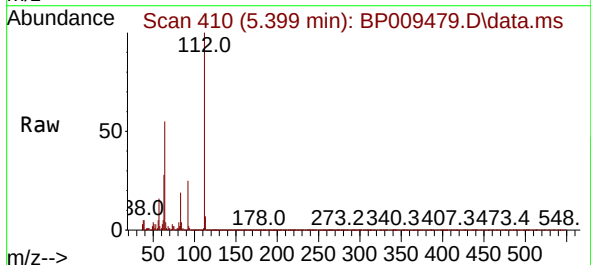
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

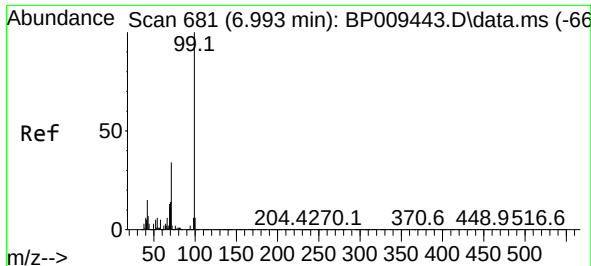
Tgt Ion:152 Resp: 323590
Ion Ratio Lower Upper
152 100
150 154.1 124.5 186.7
115 58.3 48.2 72.4



#5
2-Fluorophenol
Concen: 113.503 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

Tgt Ion:112 Resp: 2103652
Ion Ratio Lower Upper
112 100
64 54.6 45.0 67.4
63 28.3 23.0 34.6

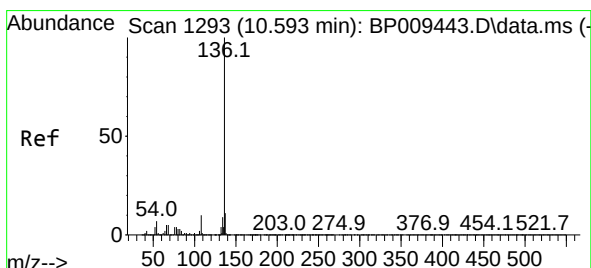
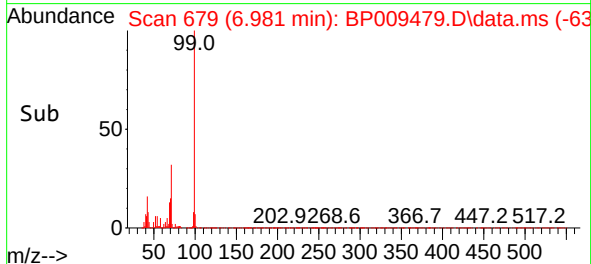
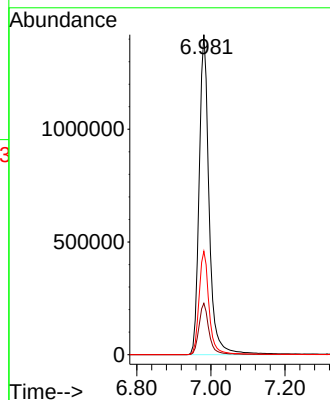
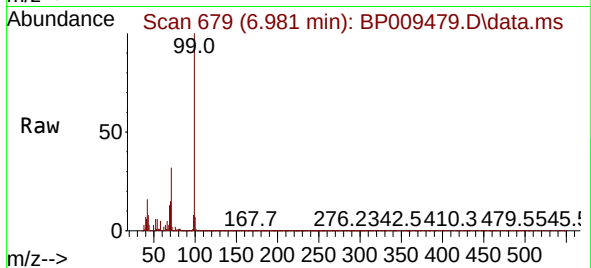




#7
Phenol-d6
Concen: 105.719 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

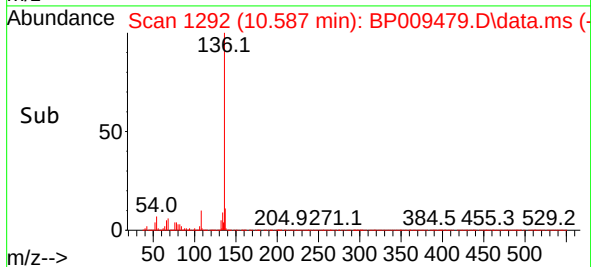
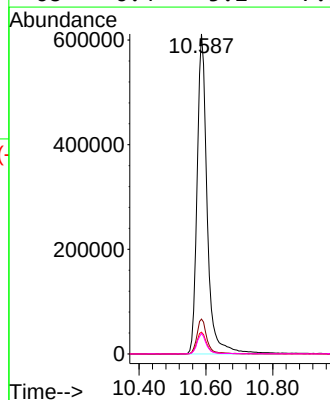
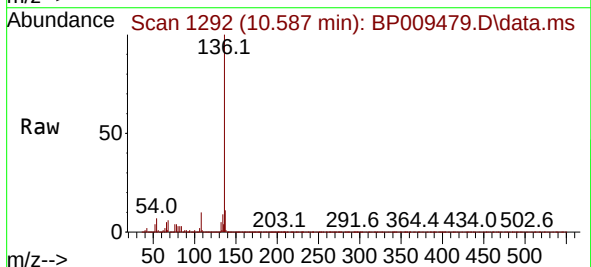
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

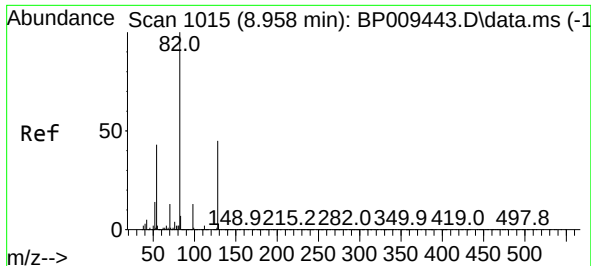
Tgt Ion: 99 Resp: 2649796
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 32.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

Tgt Ion: 136 Resp: 1282313
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.8 5.8 8.8
68 6.4 5.2 7.8

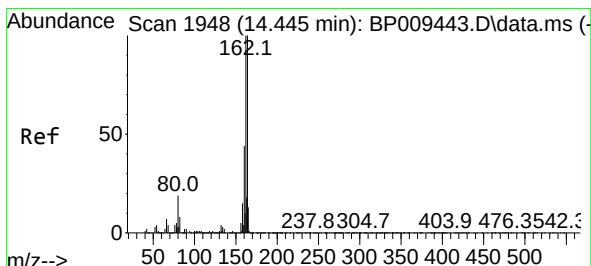
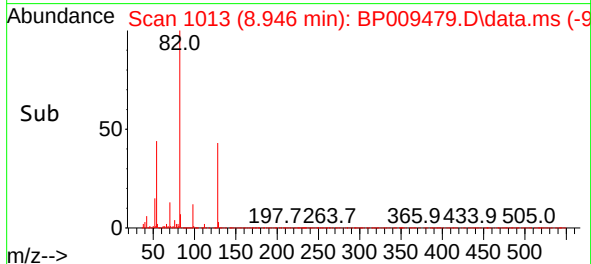
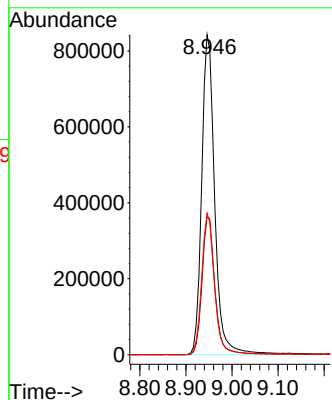
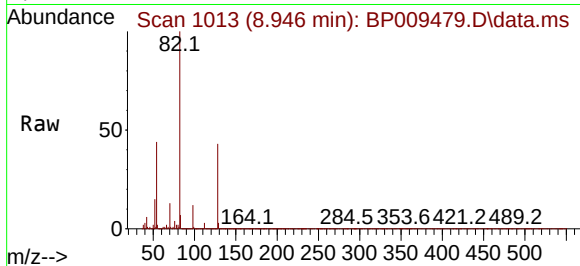




#23
Nitrobenzene-d5
Concen: 68.910 ng
RT: 8.946 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

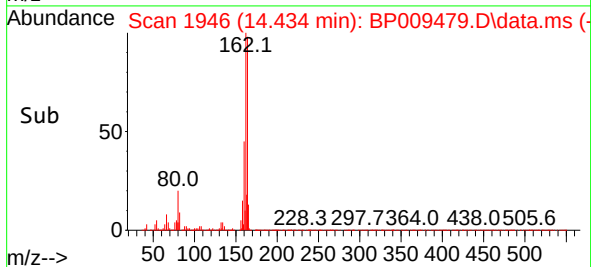
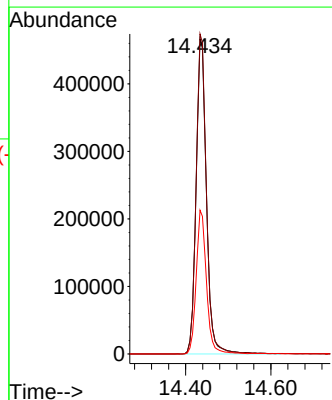
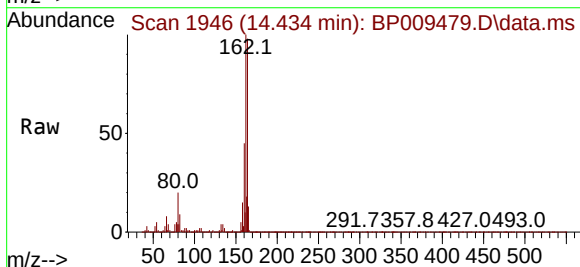
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

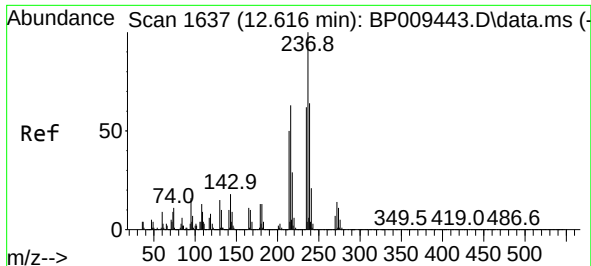
Tgt Ion: 82 Resp: 1662852
Ion Ratio Lower Upper
82 100
128 43.1 34.2 51.4
54 44.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

Tgt Ion:164 Resp: 784848
Ion Ratio Lower Upper
164 100
162 101.6 79.1 118.7
160 45.6 34.9 52.3

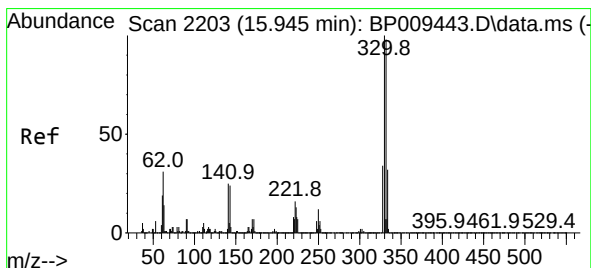
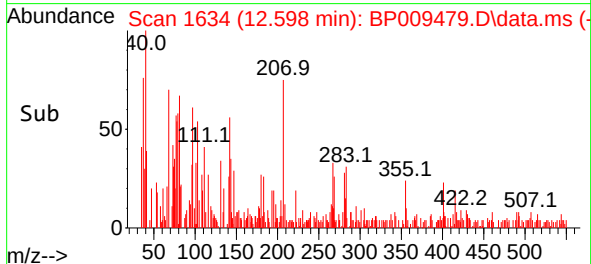
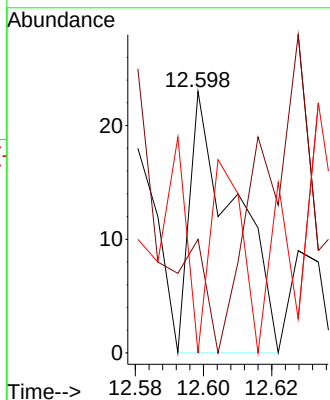
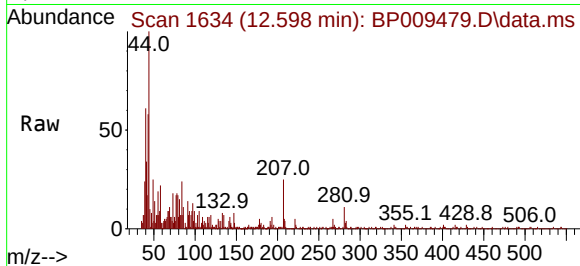




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

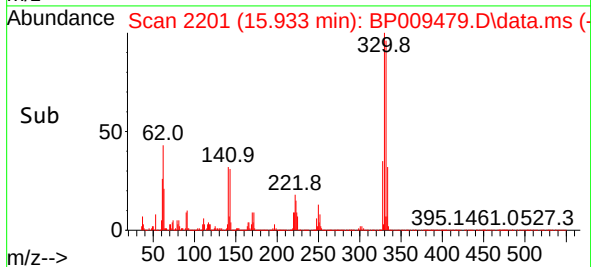
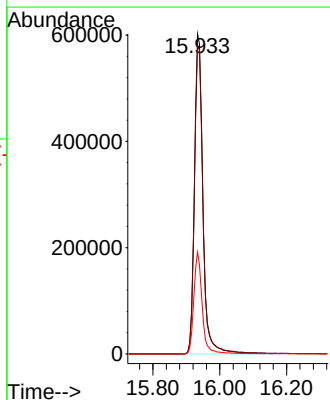
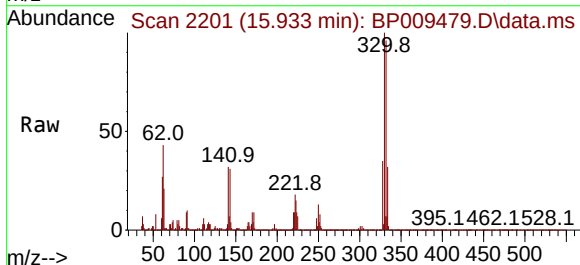
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

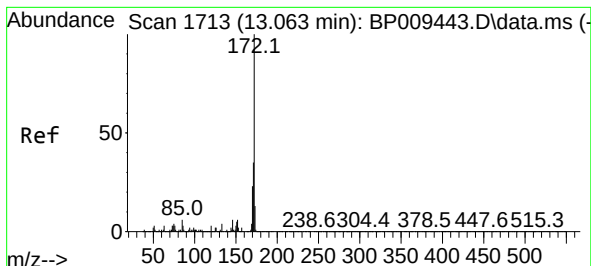
Tgt Ion:	237	Resp:	21
Ion	Ratio	Lower	Upper
237	100		
235	43.5	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 82.693 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

Tgt Ion:	330	Resp:	1070984
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	31.2	27.6	41.4

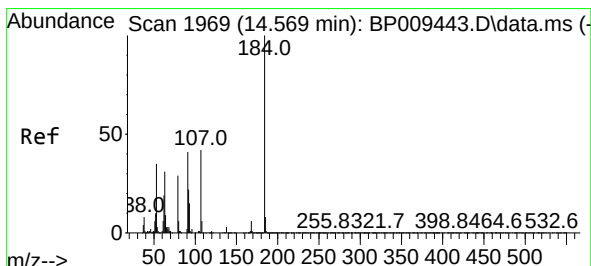
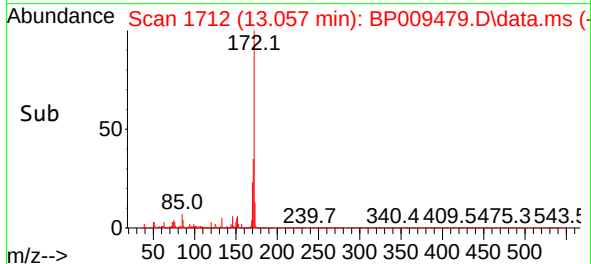
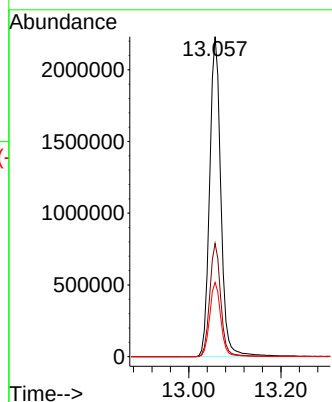
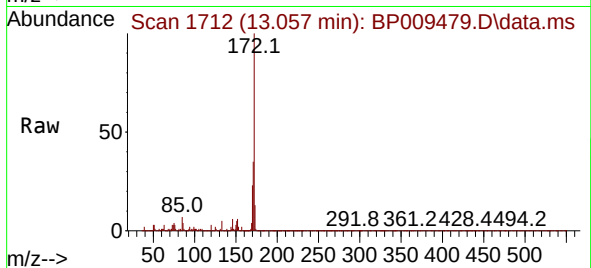




#45
2-Fluorobiphenyl
Concen: 66.922 ng
RT: 13.057 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

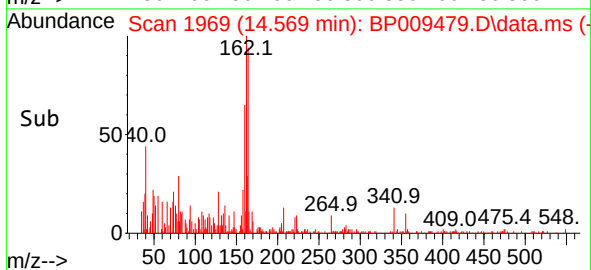
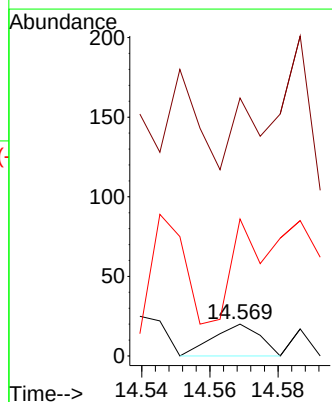
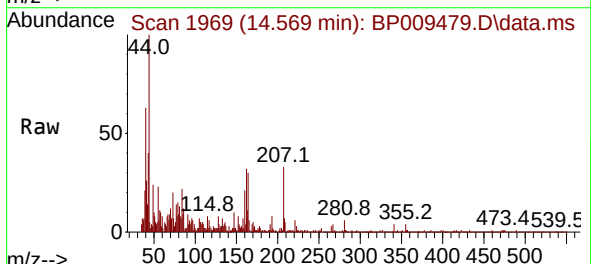
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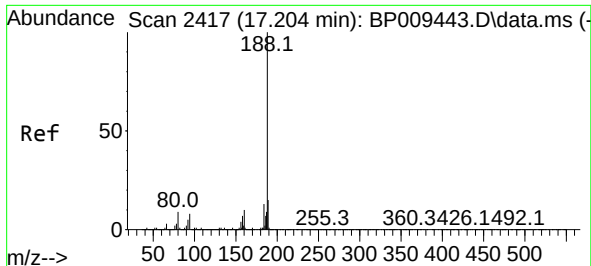
Tgt Ion:172 Resp: 3788779
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.2 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.535 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.000 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 810.0 46.3 69.5#
154 430.0 45.8 68.6#

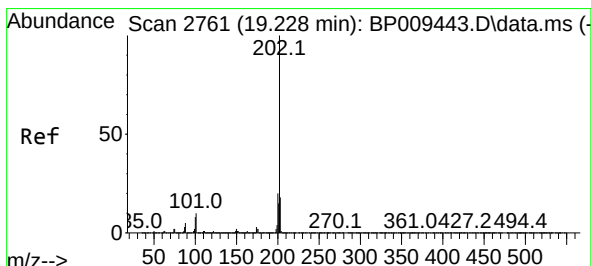
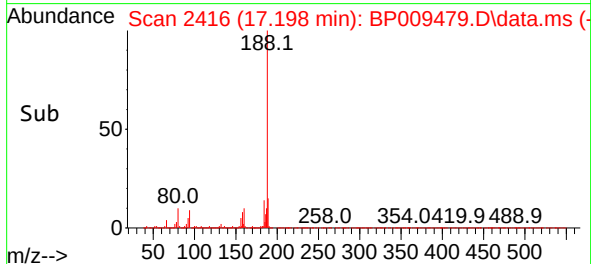
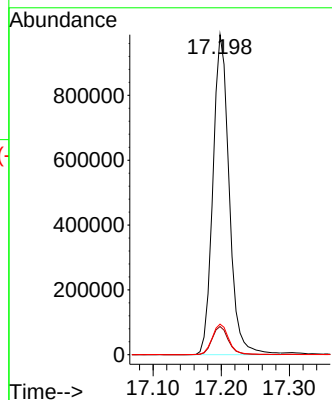
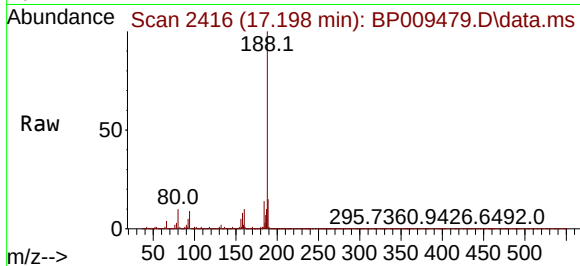




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2417
Delta R.T. -0.006 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

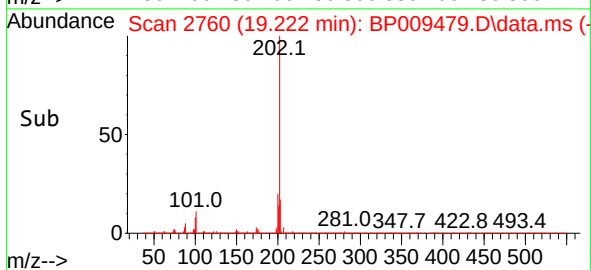
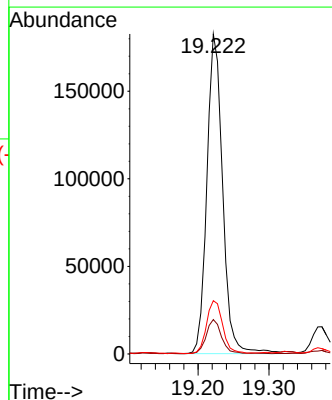
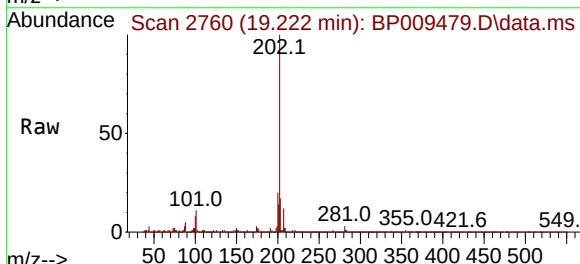
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BNA_P
ClientSampleId :
SB-01-COMP

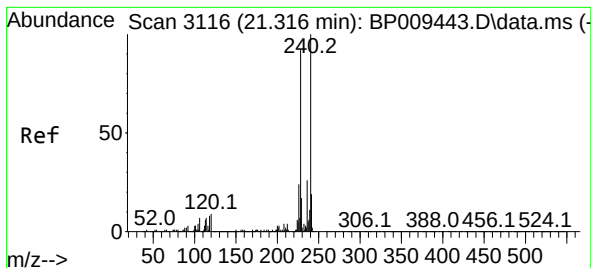
Tgt Ion:188 Resp: 1643188
Ion Ratio Lower Upper
188 100
94 8.8 7.9 11.9
80 9.6 8.8 13.2



#75
Fluoranthene
Concen: 2.643 ng
RT: 19.222 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

Tgt Ion:202 Resp: 281477
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.5
203 16.7 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.310 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP009479.D

Acq: 21 Mar 2022 20:01

Instrument :

BNA_P

ClientSampleId :

SB-01-COMP

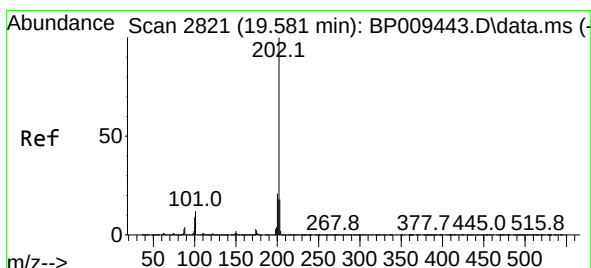
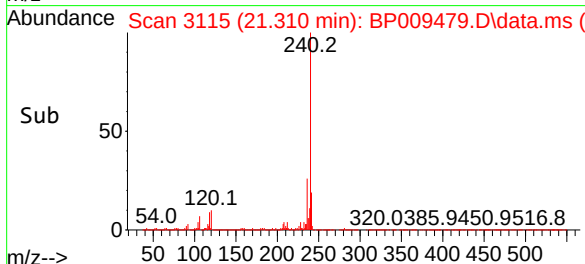
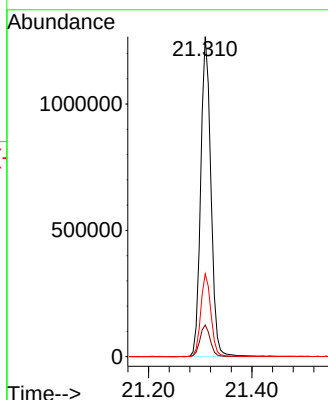
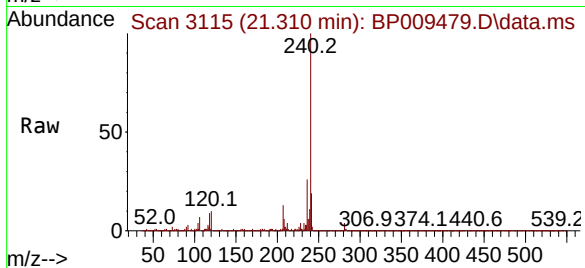
Tgt Ion:240 Resp: 1737545

Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.4

236 25.9 20.6 30.8



#78

Pyrene

Concen: 2.265 ng

RT: 19.574 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BP009479.D

Acq: 21 Mar 2022 20:01

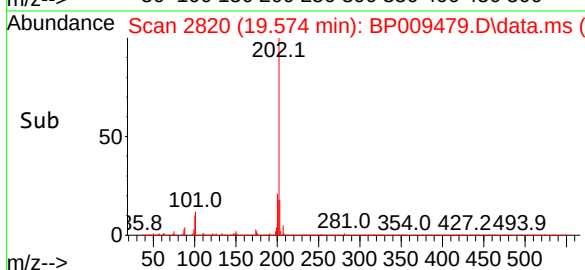
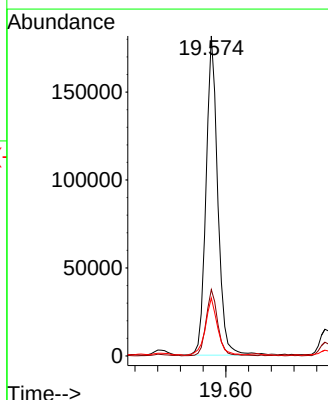
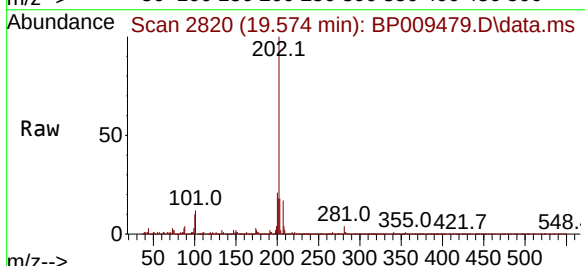
Tgt Ion:202 Resp: 259287

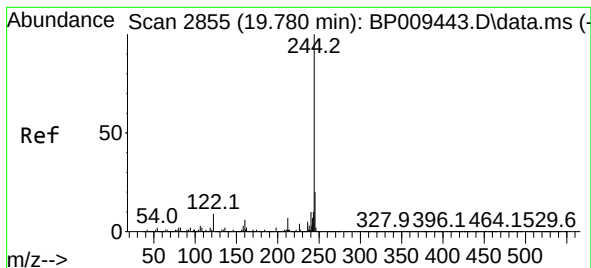
Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 62.186 ng

RT: 19.774 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009479.D

Acq: 21 Mar 2022 20:01

Instrument :

BNA_P

ClientSampleId :

SB-01-COMP

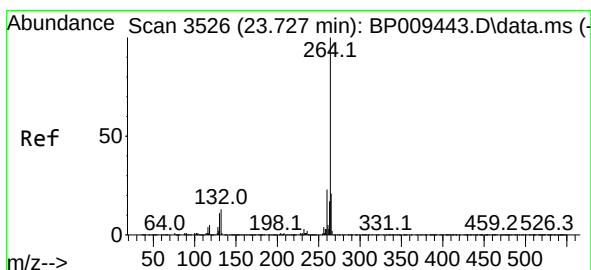
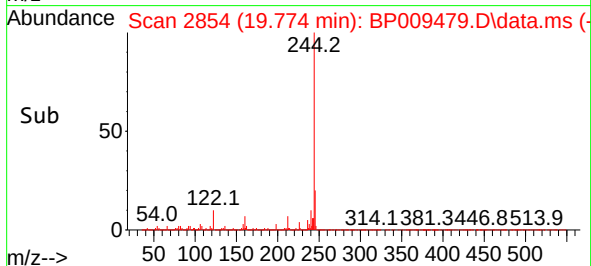
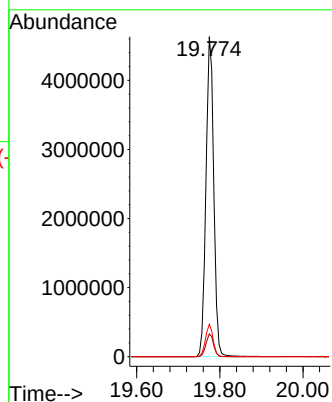
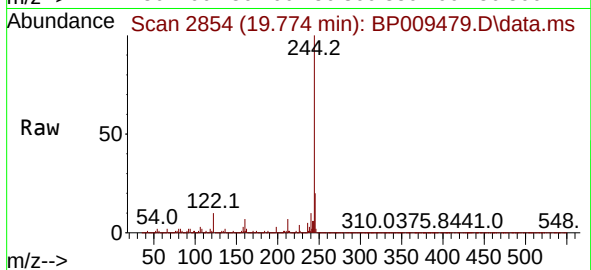
Tgt Ion:244 Resp: 6019891

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 10.2 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.715 min Scan# 3524

Delta R.T. -0.012 min

Lab File: BP009479.D

Acq: 21 Mar 2022 20:01

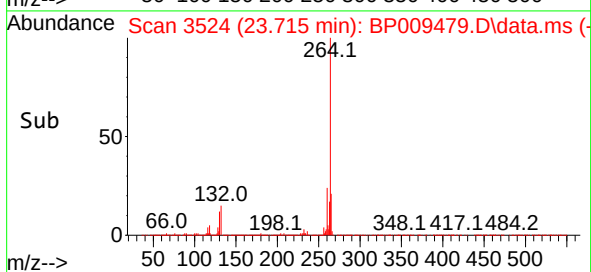
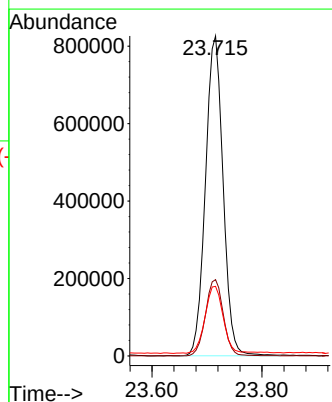
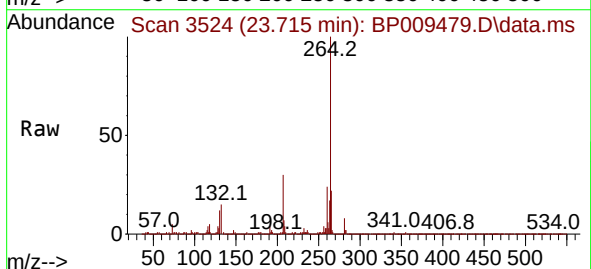
Tgt Ion:264 Resp: 1839200

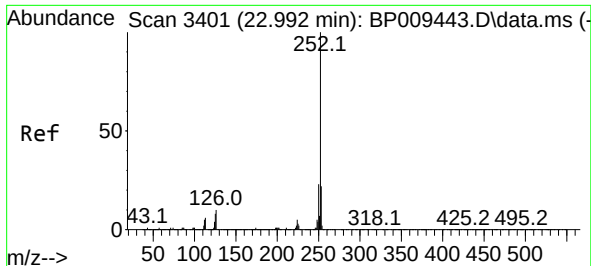
Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.8 17.2 25.8

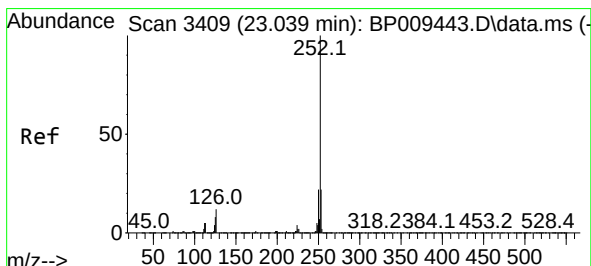
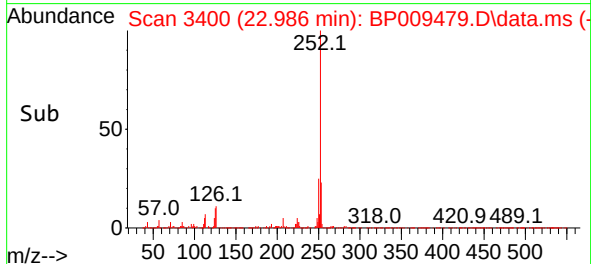
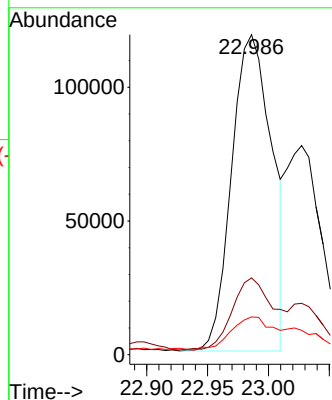
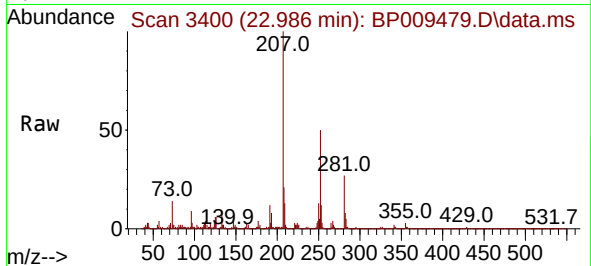




#88
Benzo(b)fluoranthene
Concen: 2.477 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

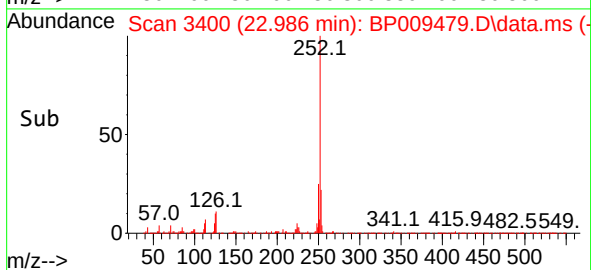
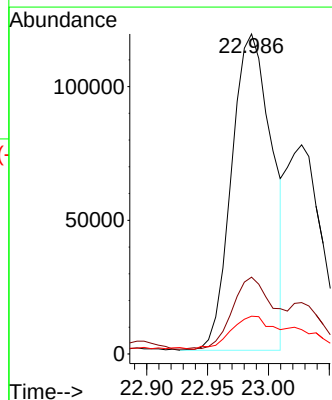
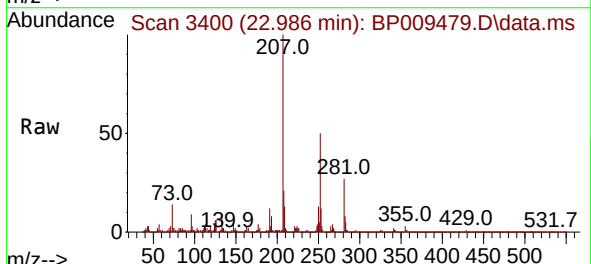
Instrument :
BNA_P
ClientSampleId :
SB-01-COMP

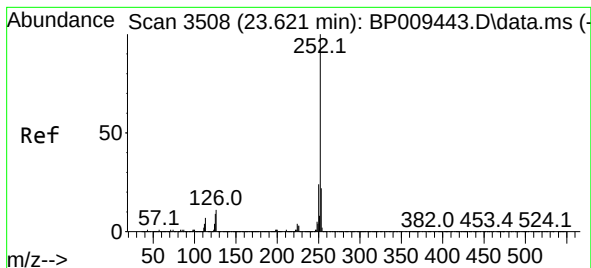
Tgt Ion:252 Resp: 271977
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 11.8 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 2.530 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.053 min
Lab File: BP009479.D
Acq: 21 Mar 2022 20:01

Tgt Ion:252 Resp: 271977
Ion Ratio Lower Upper
252 100
253 24.0 17.5 26.3
125 11.8 8.3 12.5





#90

Benzo(a)pyrene

Concen: 2.008 ng

RT: 23.604 min Scan# 3

Delta R.T. -0.018 min

Lab File: BP009479.D

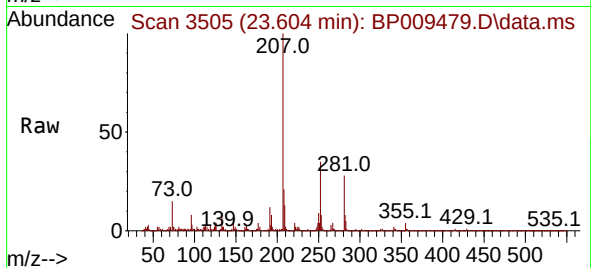
Acq: 21 Mar 2022 20:01

Instrument :

BNA_P

ClientSampleId :

SB-01-COMP



Tgt Ion:252 Resp: 188668

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

125 12.8 9.3 13.9

