

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009661.D
 Acq On : 01 Apr 2022 16:56
 Operator : CG/JU
 Sample : N2220-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A04100

Quant Time: Apr 01 22:44:32 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 31 04:36:51 2022
 Response via : Initial Calibration

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

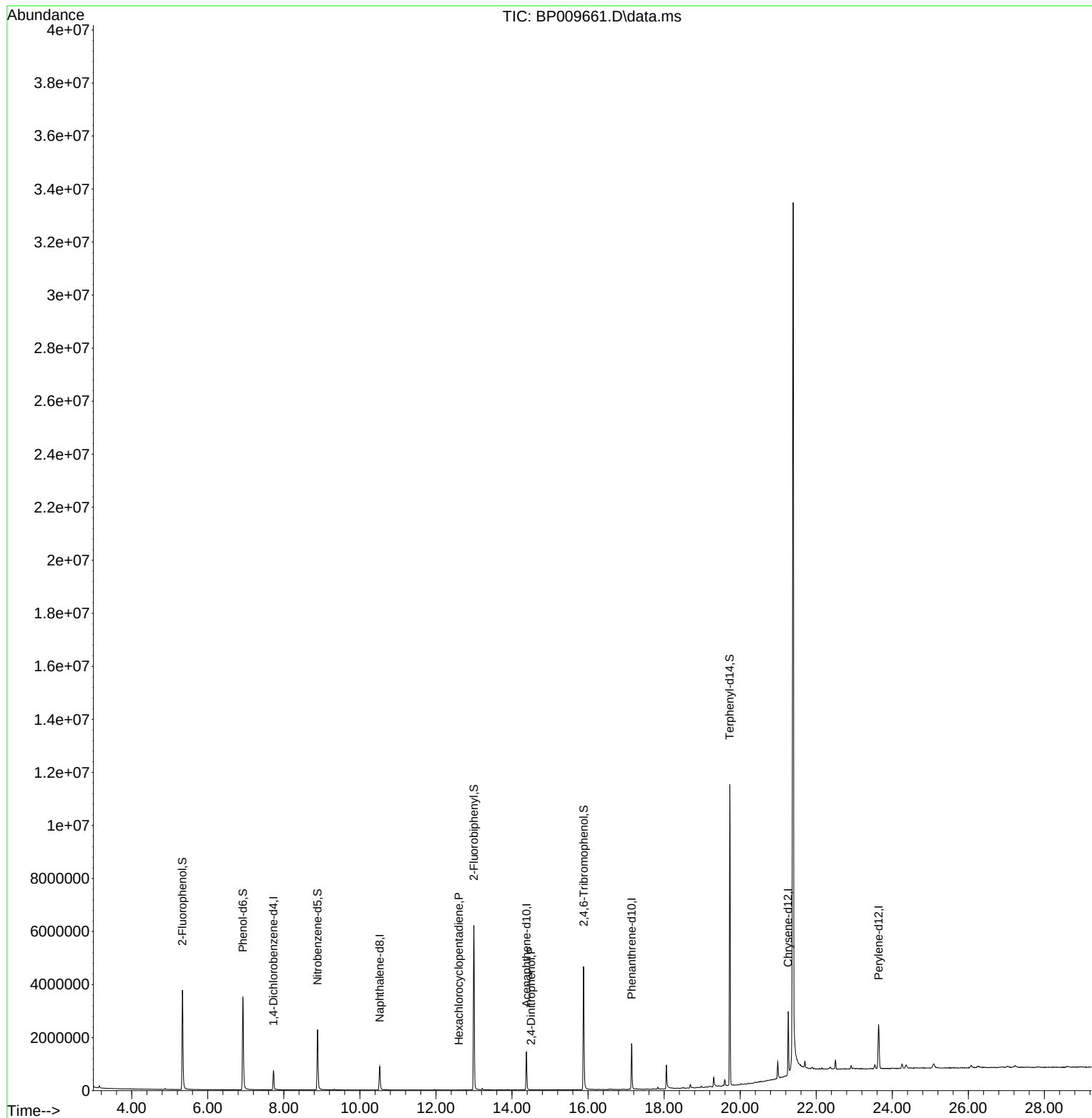
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	228756	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	914120	20.000	ng	-0.01
39) Acenaphthene-d10	14.381	164	566396	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	1196618	20.000	ng	-0.01
76) Chrysene-d12	21.263	240	1268186	20.000	ng	-0.01
86) Perylene-d12	23.639	264	1341268	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	2013536	153.679	ng	-0.01
7) Phenol-d6	6.922	99	2513012	141.827	ng	-0.01
23) Nitrobenzene-d5	8.887	82	1610776	93.639	ng	-0.01
42) 2,4,6-Tribromophenol	15.886	330	1107221	118.464	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	3618157	88.557	ng	-0.01
79) Terphenyl-d14	19.727	244	5784353	81.867	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.828	77	209	Below Cal	#	68
41) Hexachlorocyclopentadiene	12.604	237	19	7.290	ng	82
54) 2,4-Dinitrophenol	14.504	184	35	4.539	ng	# 10

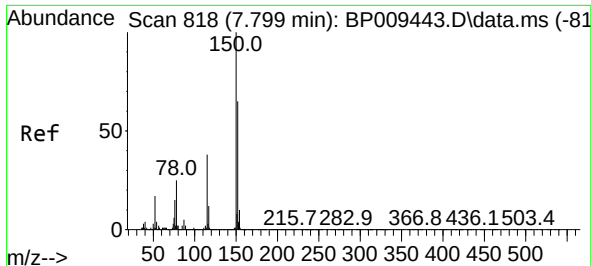
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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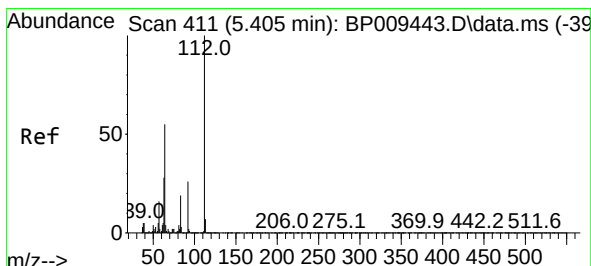
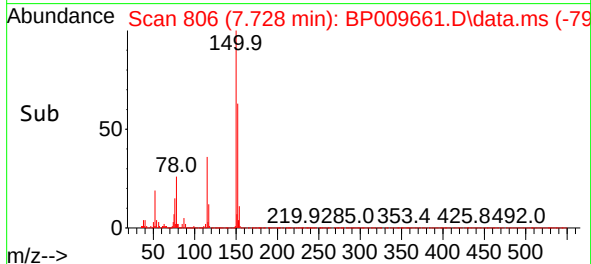
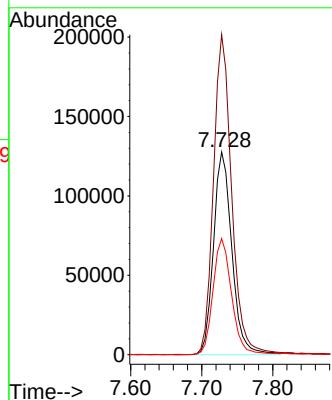
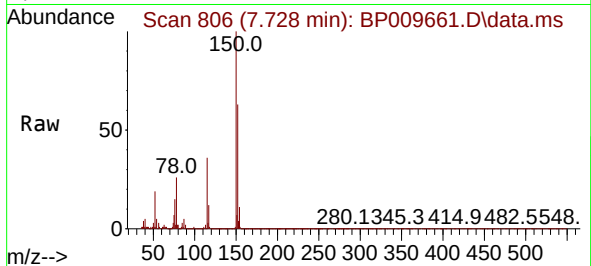




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.728 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP009661.D
 Acq: 01 Apr 2022 16:56

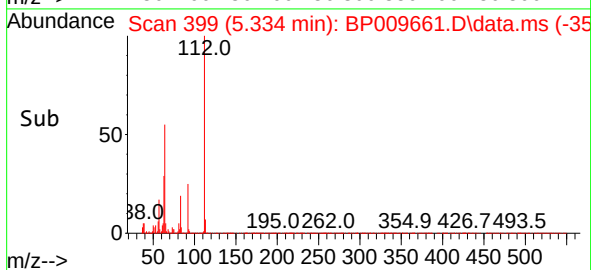
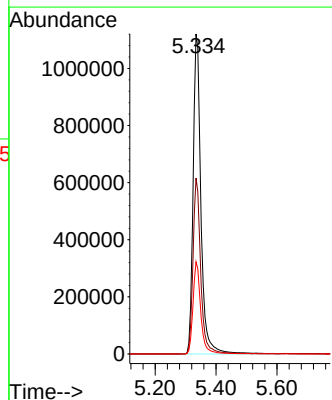
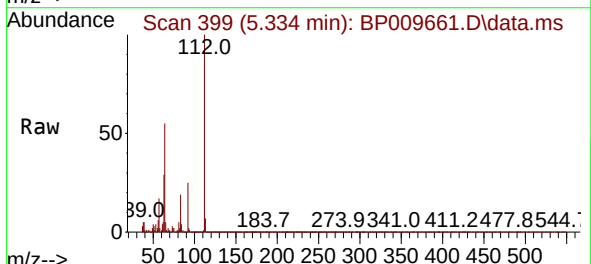
Instrument :
 BNA_P
 ClientSampleId :
 A04100

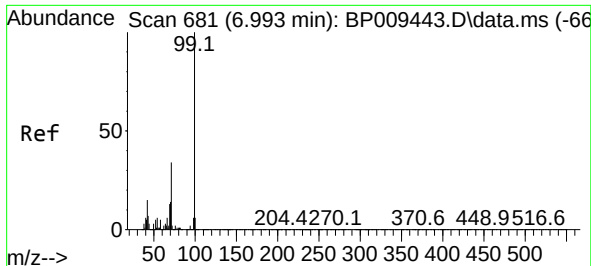
Tgt Ion:152 Resp: 228756
 Ion Ratio Lower Upper
 152 100
 150 157.9 124.5 186.7
 115 57.3 48.2 72.4



#5
 2-Fluorophenol
 Concen: 153.679 ng
 RT: 5.334 min Scan# 399
 Delta R.T. -0.012 min
 Lab File: BP009661.D
 Acq: 01 Apr 2022 16:56

Tgt Ion:112 Resp: 2013536
 Ion Ratio Lower Upper
 112 100
 64 55.0 45.0 67.4
 63 28.8 23.0 34.6

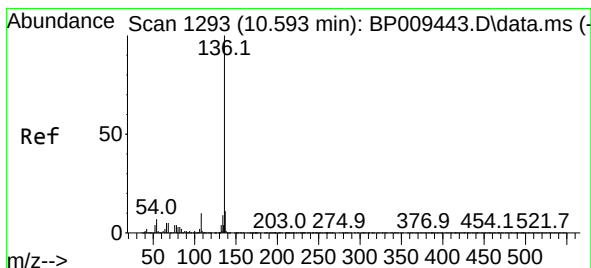
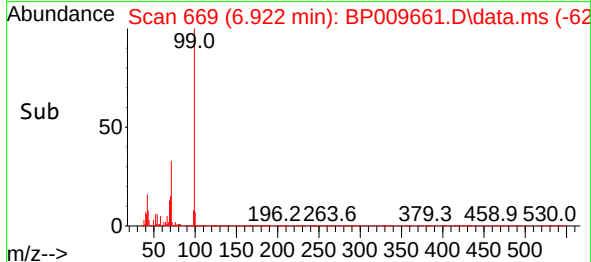
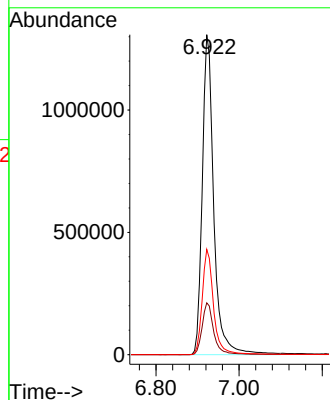
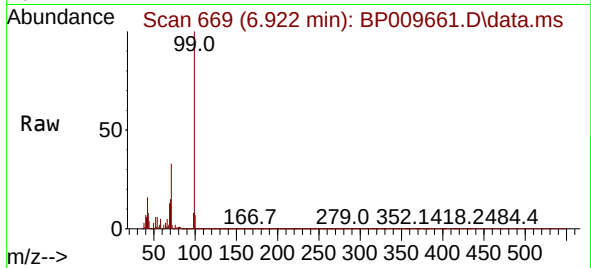




#7
Phenol-d6
Concen: 141.827 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009661.D
Acq: 01 Apr 2022 16:56

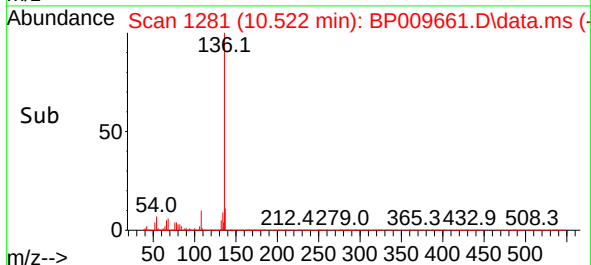
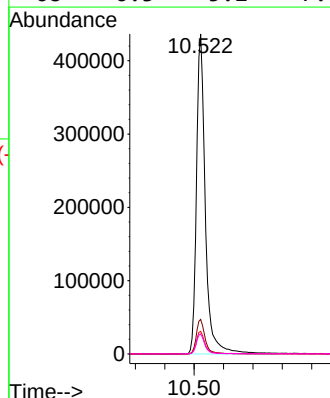
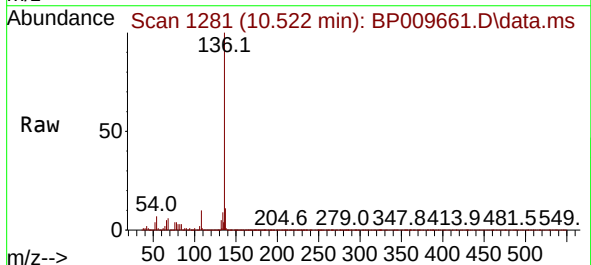
Instrument :
BNA_P
ClientSampleId :
A04100

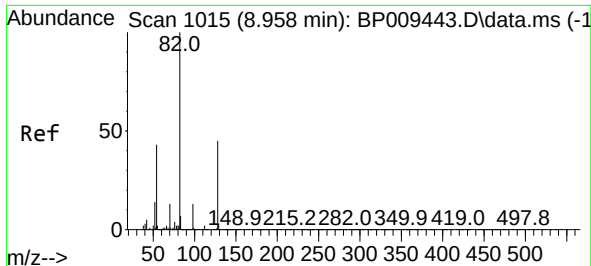
Tgt Ion: 99 Resp: 2513012
Ion Ratio Lower Upper
99 100
42 16.2 12.8 19.2
71 32.9 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP009661.D
Acq: 01 Apr 2022 16:56

Tgt Ion: 136 Resp: 914120
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.0 5.8 8.8
68 6.3 5.2 7.8

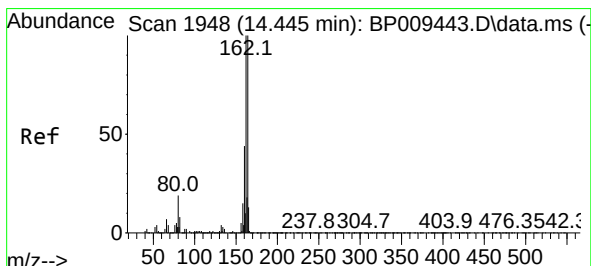
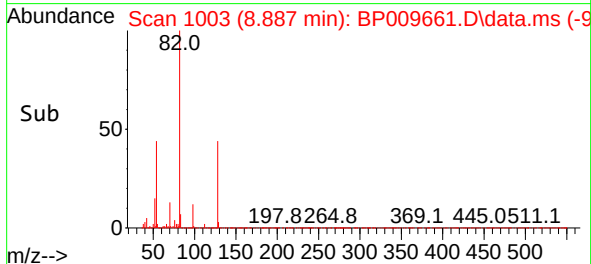
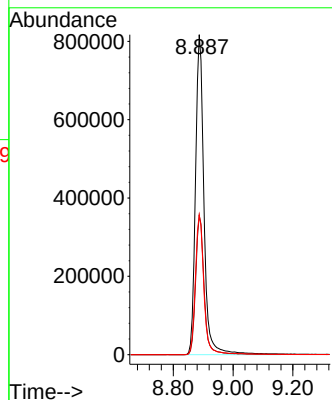
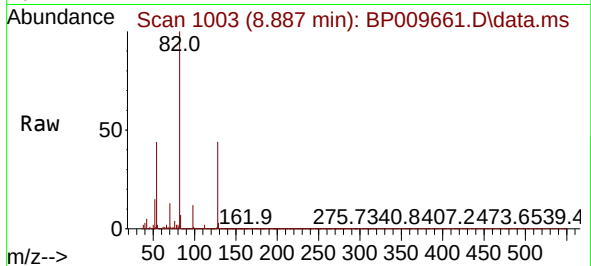




#23
Nitrobenzene-d5
Concen: 93.639 ng
RT: 8.887 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009661.D
Acq: 01 Apr 2022 16:56

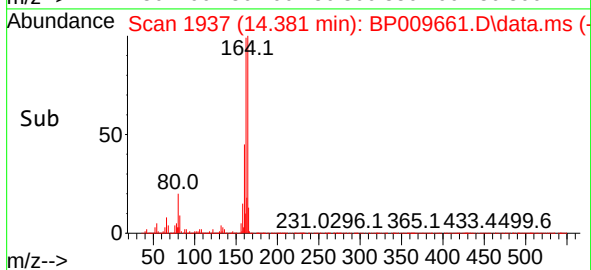
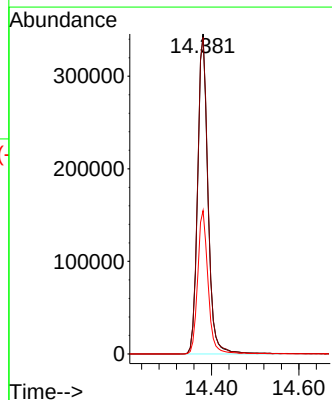
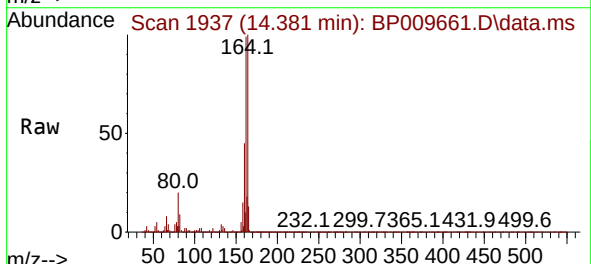
Instrument :
BNA_P
ClientSampleId :
A04100

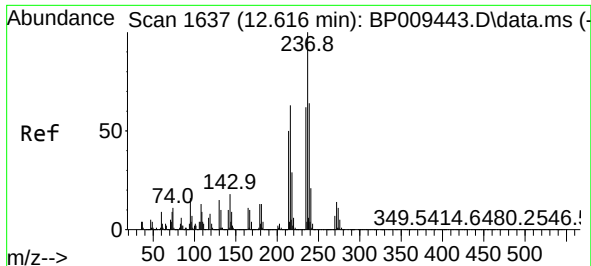
Tgt Ion: 82 Resp: 1610776
Ion Ratio Lower Upper
82 100
128 43.5 34.2 51.4
54 43.7 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP009661.D
Acq: 01 Apr 2022 16:56

Tgt Ion:164 Resp: 566396
Ion Ratio Lower Upper
164 100
162 99.0 79.1 118.7
160 44.8 34.9 52.3

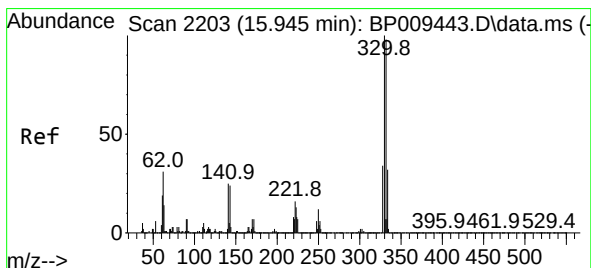
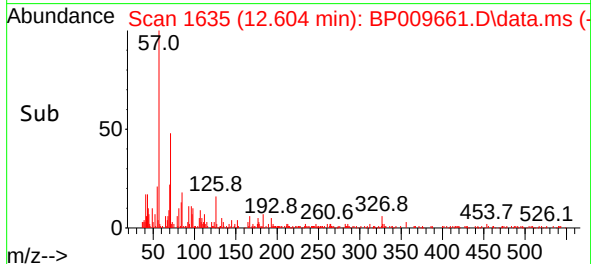
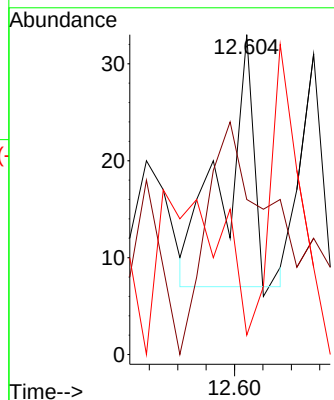
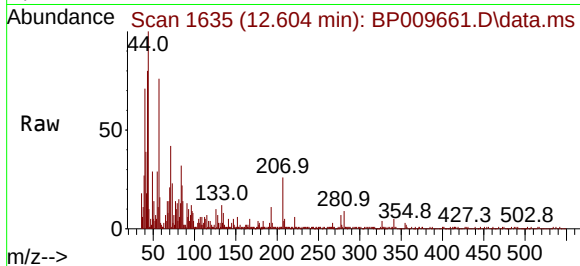




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.604 min Scan# 1
Delta R.T. 0.047 min
Lab File: BP009661.D
Acq: 01 Apr 2022 16:56

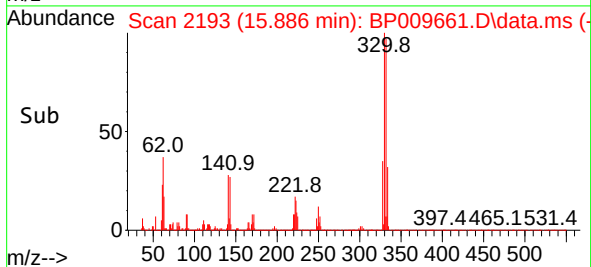
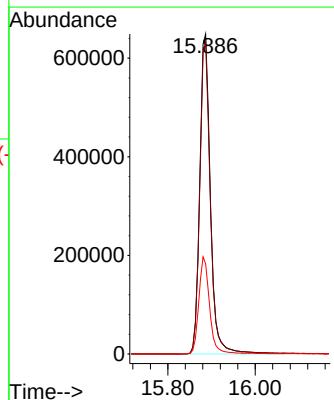
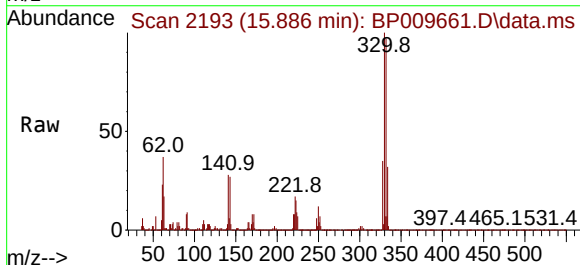
Instrument :
BNA_P
ClientSampleId :
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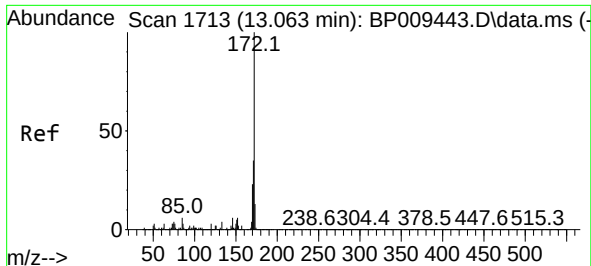
Tgt Ion:	237	Resp:	19
Ion	Ratio	Lower	Upper
237	100		
235	48.5	42.6	82.6
272	6.1	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 118.464 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP009661.D
Acq: 01 Apr 2022 16:56

Tgt Ion:	330	Resp:	1107221
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	30.4	27.6	41.4

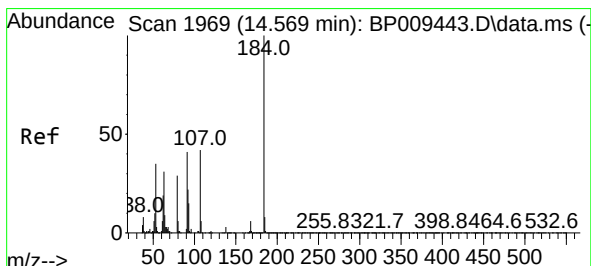
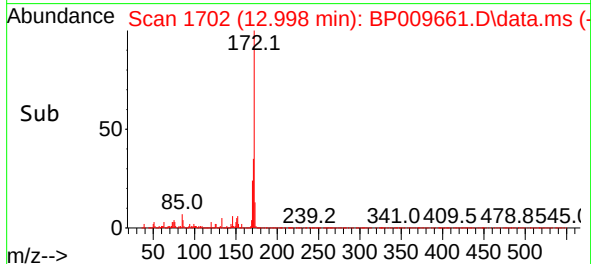
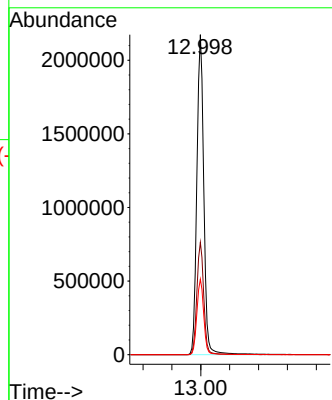
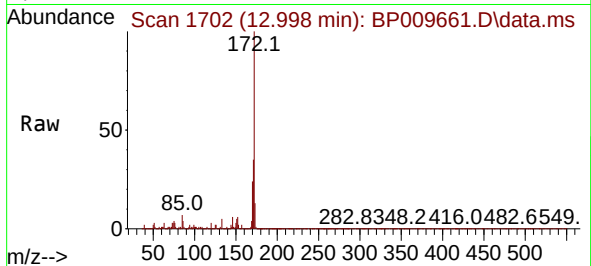




#45
2-Fluorobiphenyl
Concen: 88.557 ng
RT: 12.998 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP009661.D
Acq: 01 Apr 2022 16:56

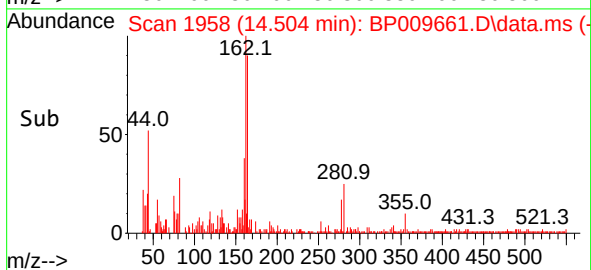
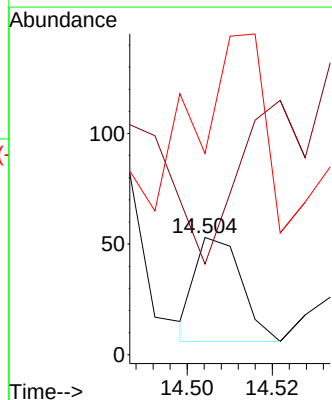
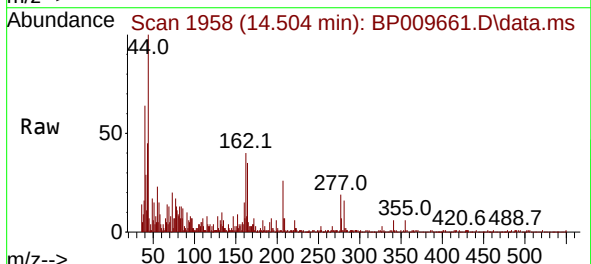
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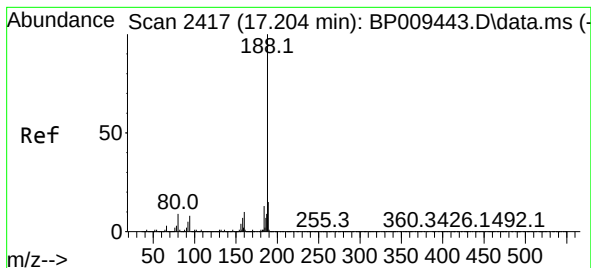
Tgt Ion:172 Resp: 3618157
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.6 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.539 ng
RT: 14.504 min Scan# 1958
Delta R.T. -0.024 min
Lab File: BP009661.D
Acq: 01 Apr 2022 16:56

Tgt Ion:184 Resp: 35
Ion Ratio Lower Upper
184 100
63 77.4 46.3 69.5#
154 171.7 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP009661.D

Acq: 01 Apr 2022 16:56

Instrument :

BNA_P

ClientSampleId :

A04100

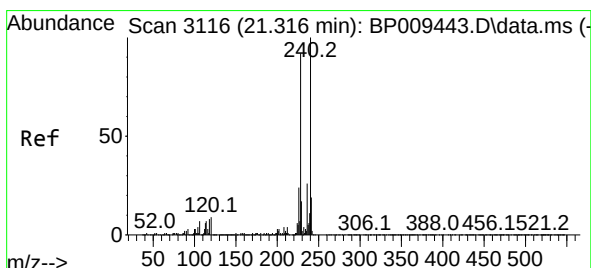
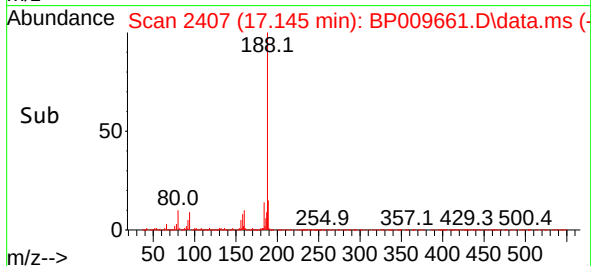
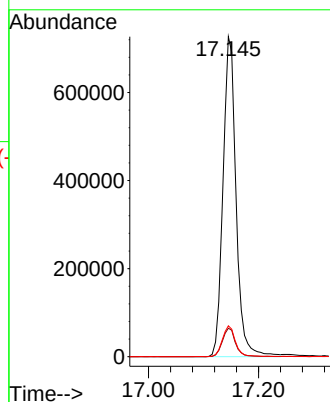
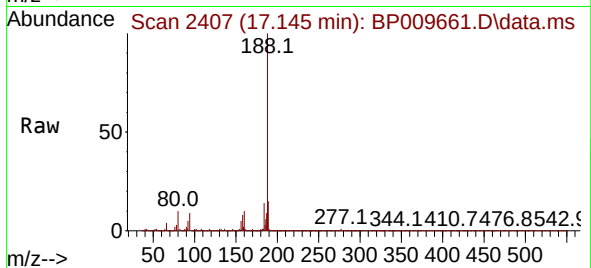
Tgt Ion:188 Resp: 1196618

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

80 9.7 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.263 min Scan# 3107

Delta R.T. -0.012 min

Lab File: BP009661.D

Acq: 01 Apr 2022 16:56

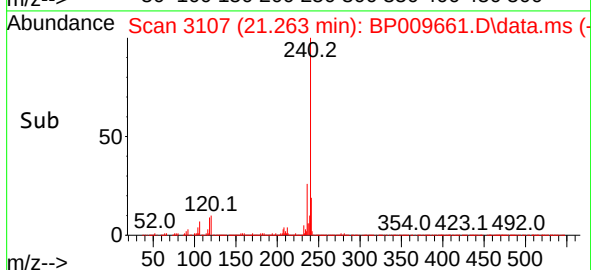
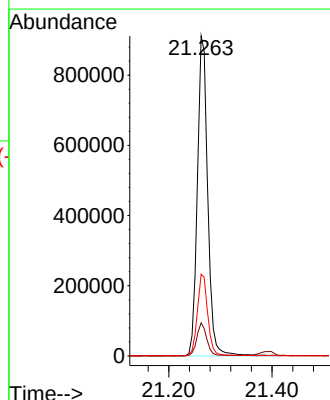
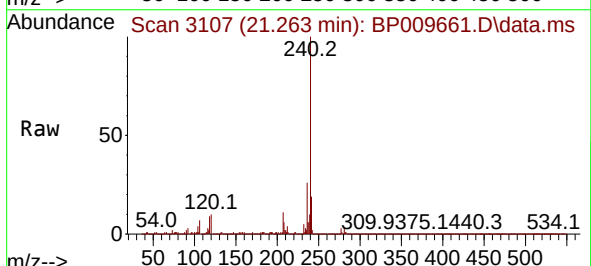
Tgt Ion:240 Resp: 1268186

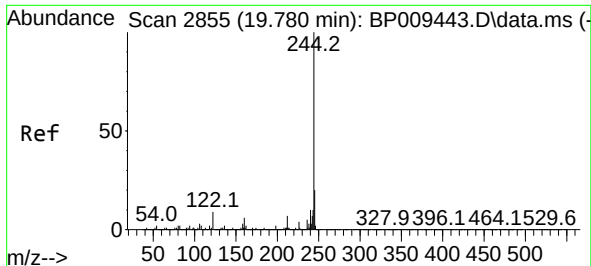
Ion Ratio Lower Upper

240 100

120 10.3 9.0 13.4

236 25.6 20.6 30.8

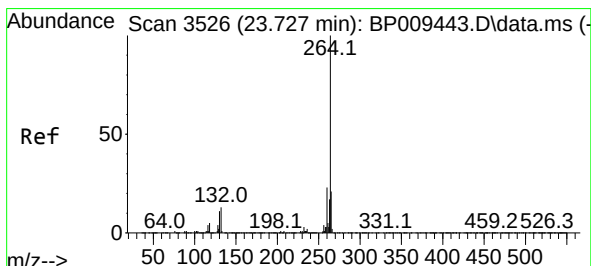
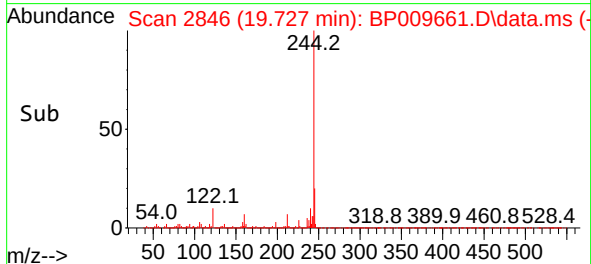
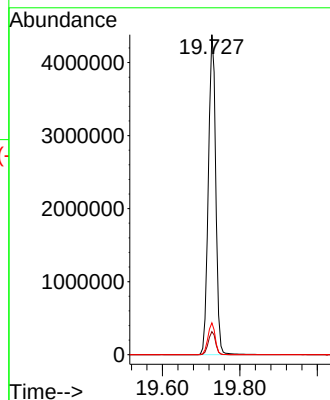
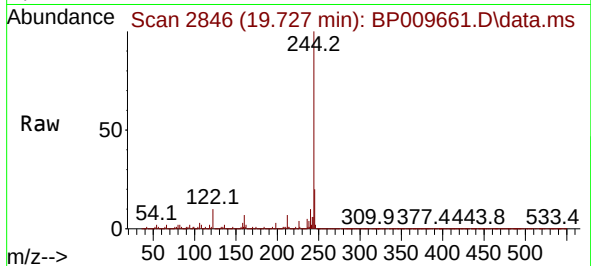




#79
 Terphenyl-d14
 Concen: 81.867 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009661.D
 Acq: 01 Apr 2022 16:56

Instrument :
 BNA_P
 ClientSampleId :
 A04100

Tgt Ion:244 Resp: 5784353
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 3511
 Delta R.T. -0.012 min
 Lab File: BP009661.D
 Acq: 01 Apr 2022 16:56

Tgt Ion:264 Resp: 1341268
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.0
 265 22.7 17.2 25.8

