

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040122\
 Data File : BP009658.D
 Acq On : 01 Apr 2022 15:10
 Operator : CG/JU
 Sample : N2217-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-5

Quant Time: Apr 01 22:43:58 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)

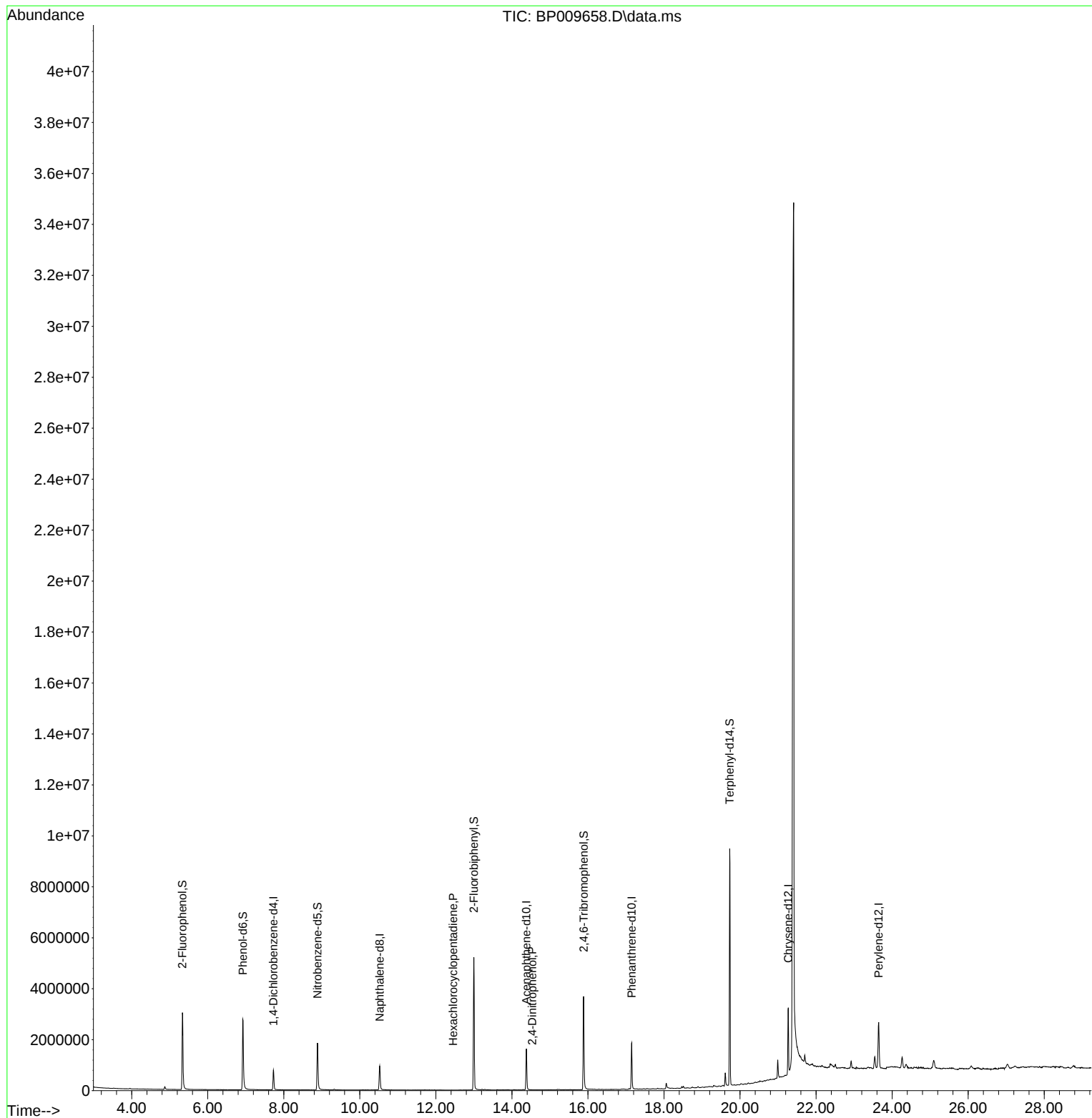
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	247345	20.000	ng	-0.01
21) Naphthalene-d8	10.522	136	981301	20.000	ng	-0.01
39) Acenaphthene-d10	14.380	164	613249	20.000	ng	-0.01
64) Phenanthrene-d10	17.151	188	1274095	20.000	ng	0.00
76) Chrysene-d12	21.268	240	1404064	20.000	ng	0.00
86) Perylene-d12	23.645	264	1485512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1648710	116.377	ng	-0.01
7) Phenol-d6	6.922	99	2090205	109.099	ng	-0.01
23) Nitrobenzene-d5	8.887	82	1310109	70.946	ng	-0.01
42) 2,4,6-Tribromophenol	15.886	330	891251	88.071	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	2956889	66.842	ng	-0.01
79) Terphenyl-d14	19.727	244	4887916	62.485	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.846	77	219	Below Cal	#	35
41) Hexachlorocyclopentadiene	12.457	237	48	7.293	ng	76
54) 2,4-Dinitrophenol	14.533	184	91	4.547	ng	# 1

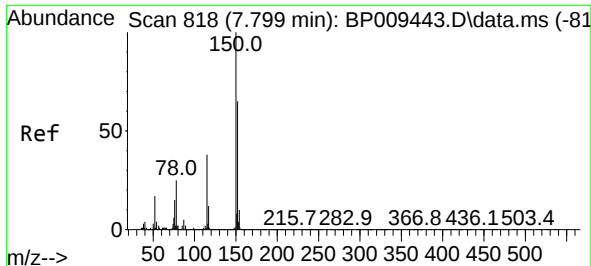
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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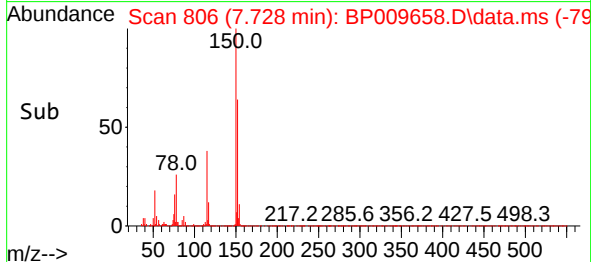
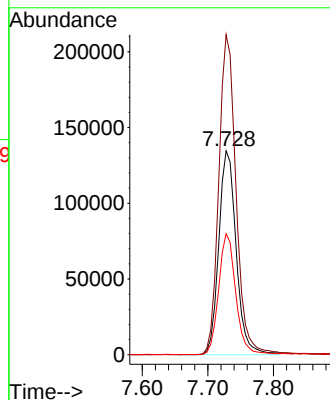
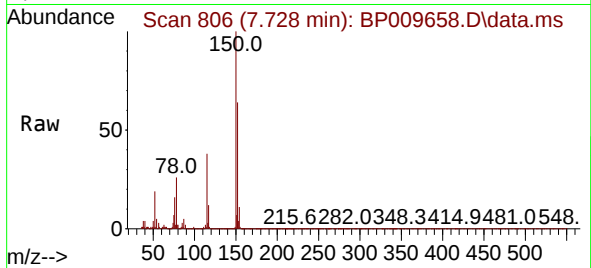




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP009658.D
Acq: 01 Apr 2022 15:10

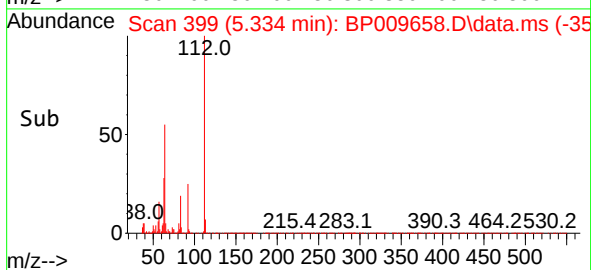
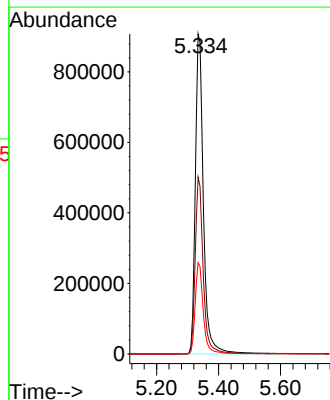
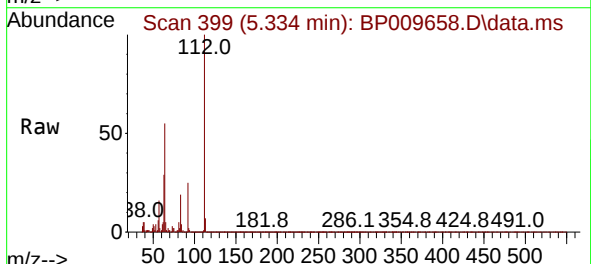
Instrument :
BNA_P
ClientSampleId :
SB-5

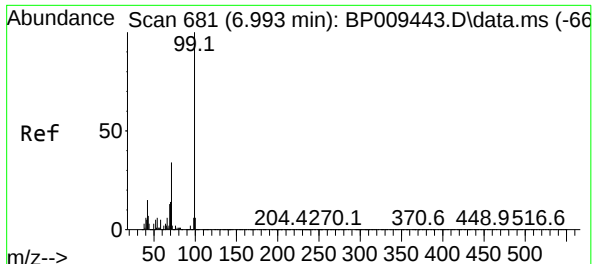
Tgt Ion:152 Resp: 247345
Ion Ratio Lower Upper
152 100
150 157.0 124.5 186.7
115 59.4 48.2 72.4



#5
2-Fluorophenol
Concen: 116.377 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP009658.D
Acq: 01 Apr 2022 15:10

Tgt Ion:112 Resp: 1648710
Ion Ratio Lower Upper
112 100
64 55.2 45.0 67.4
63 28.5 23.0 34.6

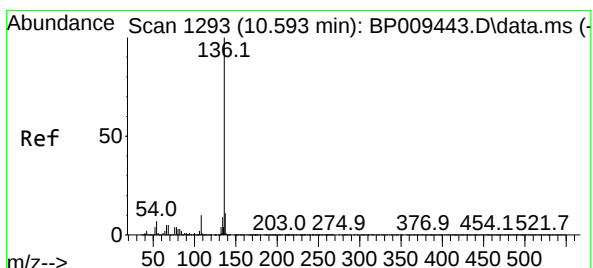
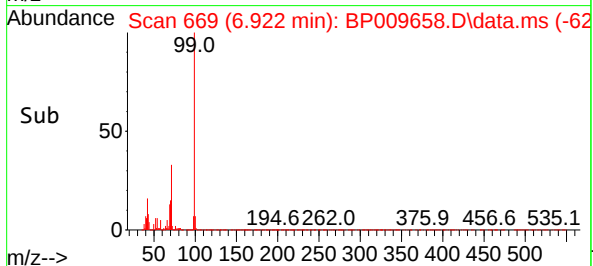
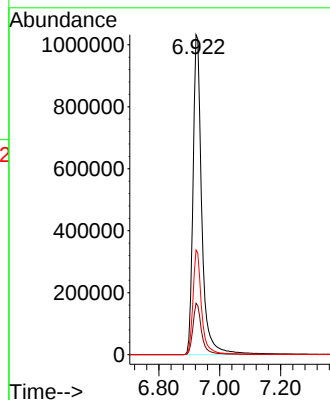
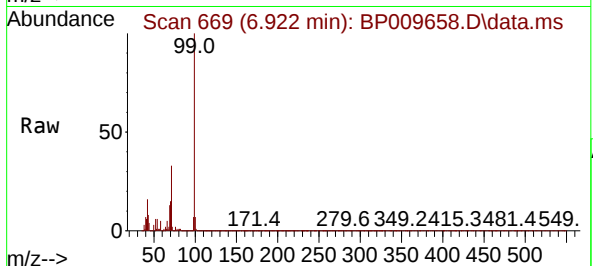




#7
Phenol-d6
Concen: 109.099 ng
RT: 6.922 min Scan# 60
Delta R.T. -0.012 min
Lab File: BP009658.D
Acq: 01 Apr 2022 15:10

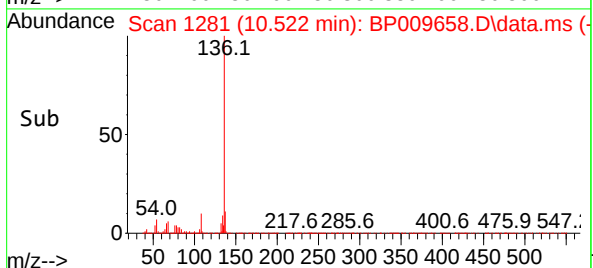
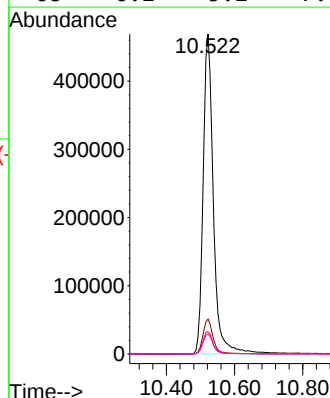
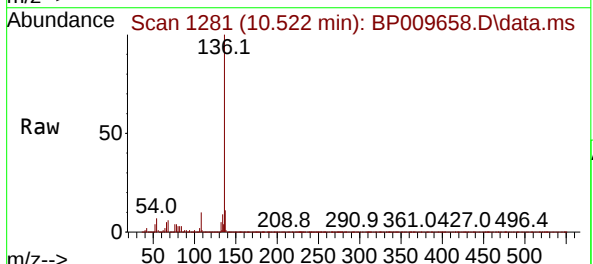
Instrument :
BNA_P
ClientSampleId :
SB-5

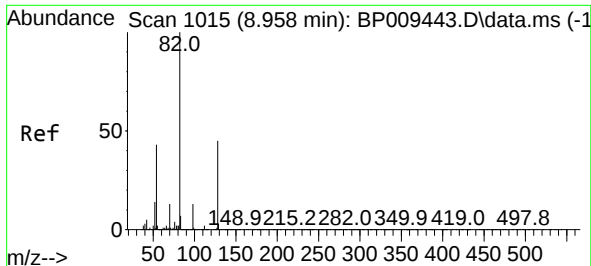
Tgt Ion: 99 Resp: 2090205
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 32.7 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.522 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BP009658.D
Acq: 01 Apr 2022 15:10

Tgt Ion: 136 Resp: 981301
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.9 5.8 8.8
68 6.2 5.2 7.8

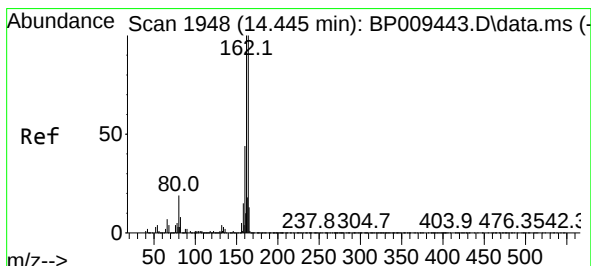
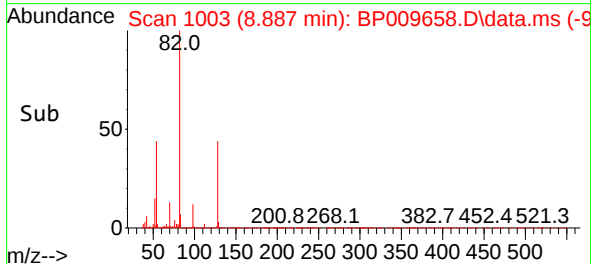
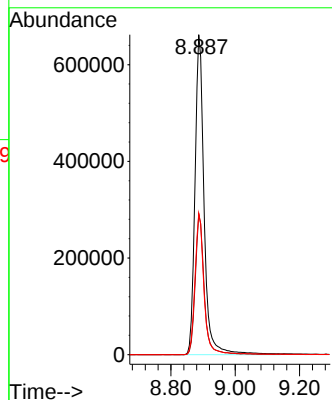
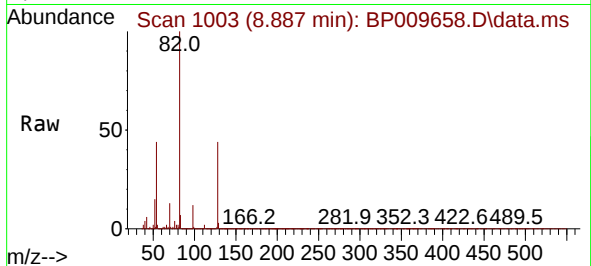




#23
Nitrobenzene-d5
Concen: 70.946 ng
RT: 8.887 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009658.D
Acq: 01 Apr 2022 15:10

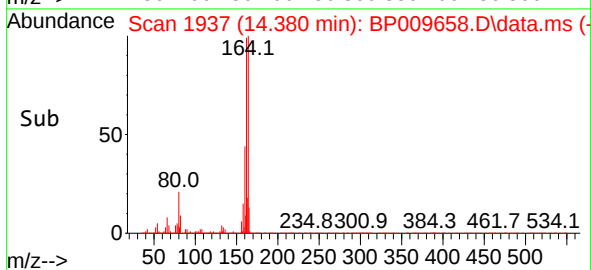
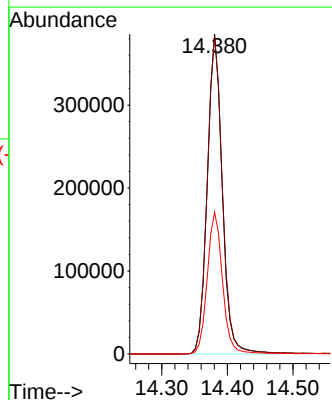
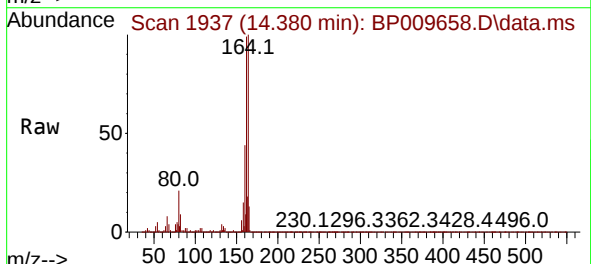
Instrument :
BNA_P
ClientSampleId :
SB-5

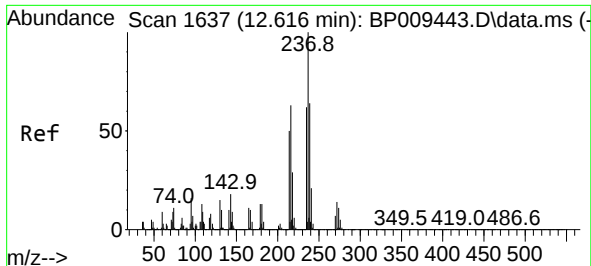
Tgt Ion: 82 Resp: 1310109
Ion Ratio Lower Upper
82 100
128 43.8 34.2 51.4
54 44.2 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.380 min Scan# 1937
Delta R.T. -0.012 min
Lab File: BP009658.D
Acq: 01 Apr 2022 15:10

Tgt Ion: 164 Resp: 613249
Ion Ratio Lower Upper
164 100
162 99.4 79.1 118.7
160 44.2 34.9 52.3

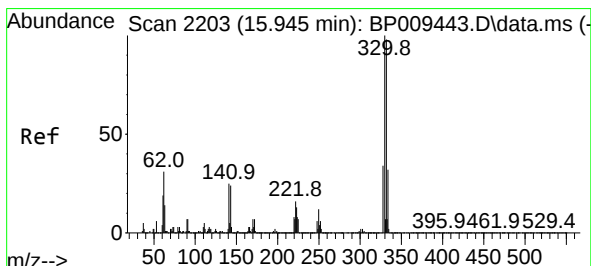
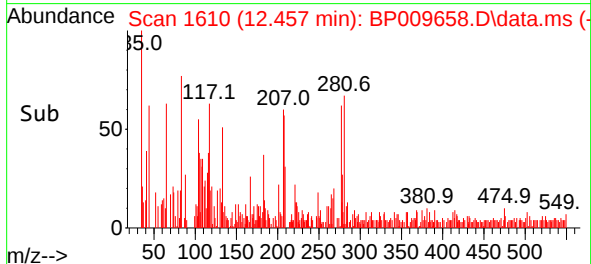
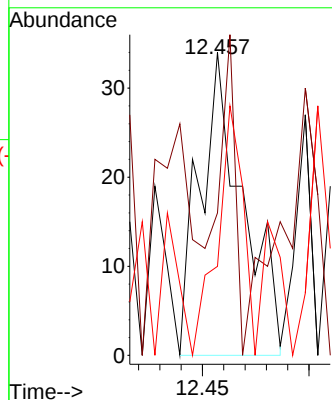
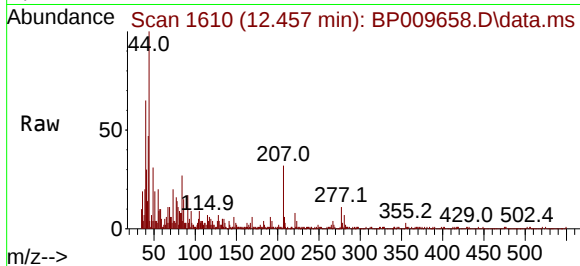




#41
Hexachlorocyclopentadiene
Concen: 7.293 ng
RT: 12.457 min Scan# 1
Delta R.T. -0.100 min
Lab File: BP009658.D
Acq: 01 Apr 2022 15:10

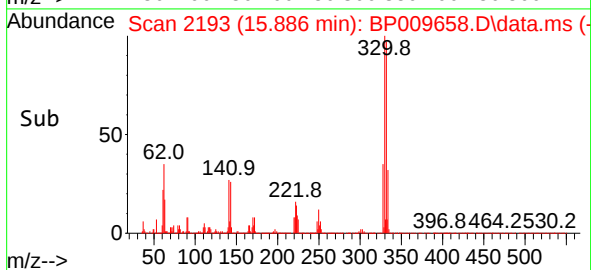
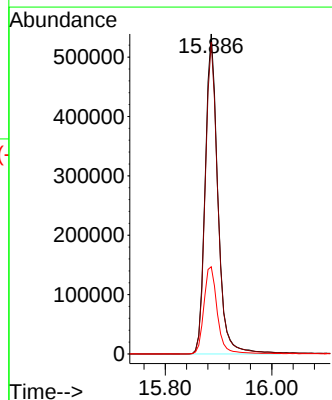
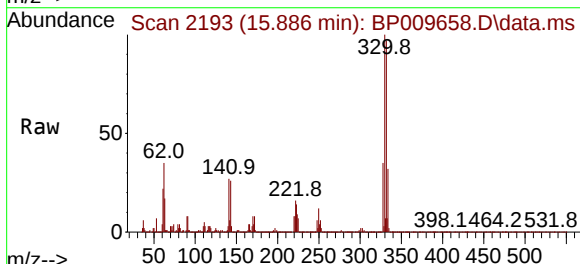
Instrument :
BNA_P
ClientSampleId :
SB-5

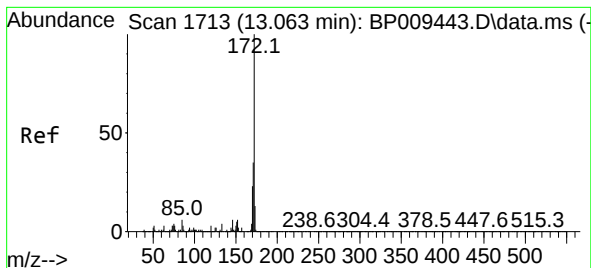
Tgt Ion:237	Resp:	48
Ion	Ratio	Lower Upper
237	100	
235	47.1	42.6 82.6
272	29.4	0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 88.071 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP009658.D
Acq: 01 Apr 2022 15:10

Tgt Ion:330	Resp:	891251
Ion	Ratio	Lower Upper
330	100	
332	97.9	77.0 115.6
141	29.0	27.6 41.4





#45

2-Fluorobiphenyl

Concen: 66.842 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP009658.D

Acq: 01 Apr 2022 15:10

Instrument :

BNA_P

ClientSampleId :

SB-5

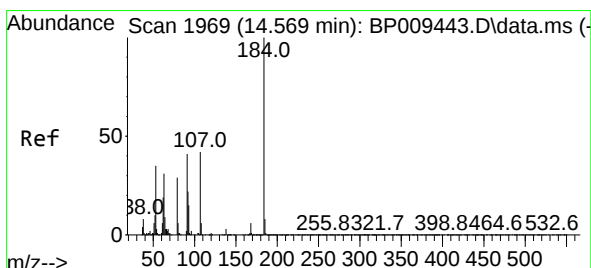
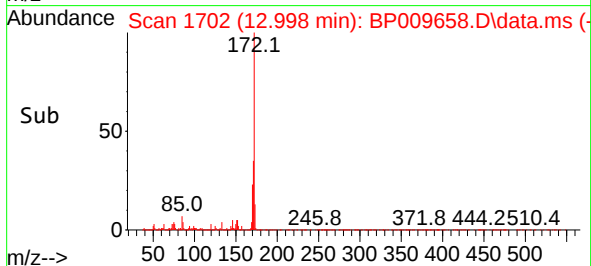
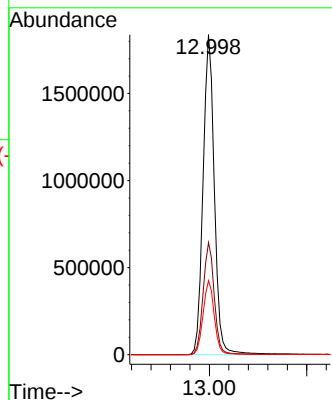
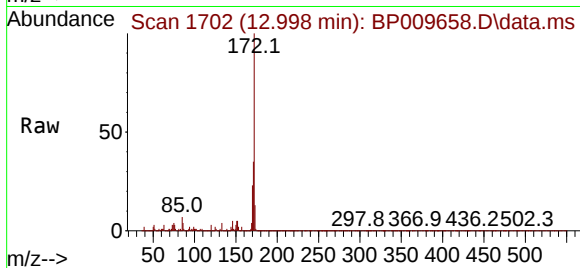
Tgt Ion:172 Resp: 2956889

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.2 18.6 27.8



#54

2,4-Dinitrophenol

Concen: 4.547 ng

RT: 14.533 min Scan# 1963

Delta R.T. 0.006 min

Lab File: BP009658.D

Acq: 01 Apr 2022 15:10

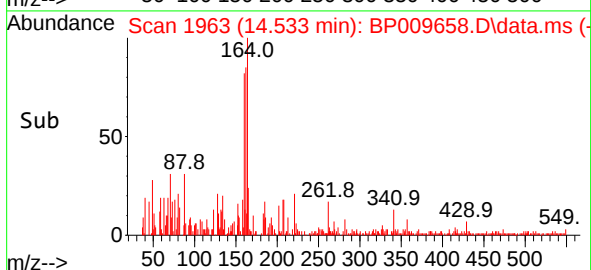
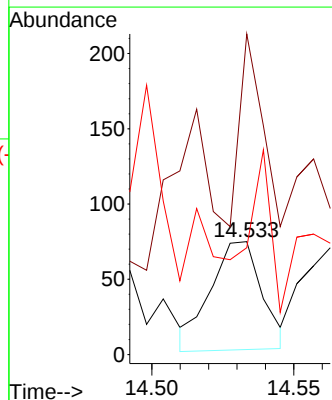
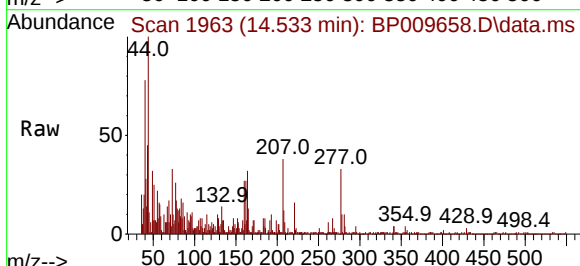
Tgt Ion:184 Resp: 91

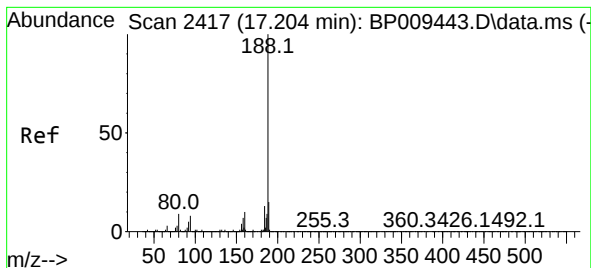
Ion Ratio Lower Upper

184 100

63 284.0 46.3 69.5#

154 94.7 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 2417

Delta R.T. -0.006 min

Lab File: BP009658.D

Acq: 01 Apr 2022 15:10

Instrument :

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ClientSampleId :

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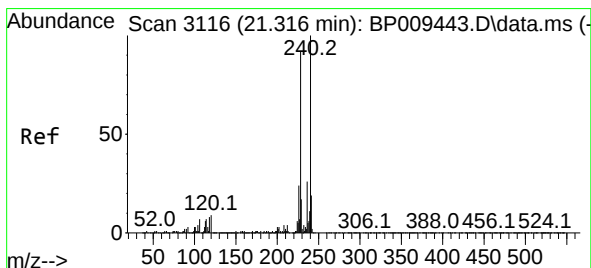
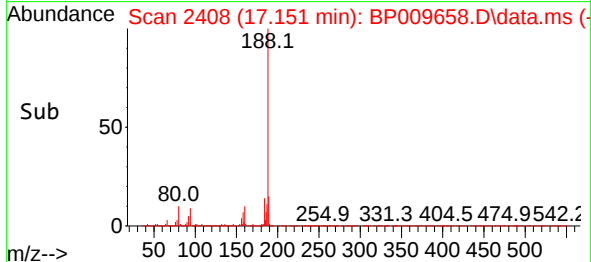
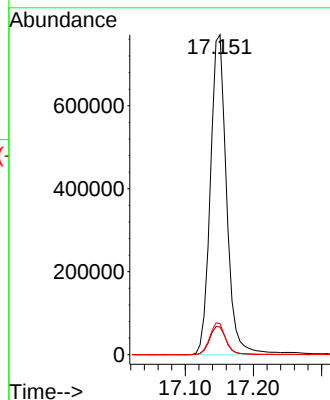
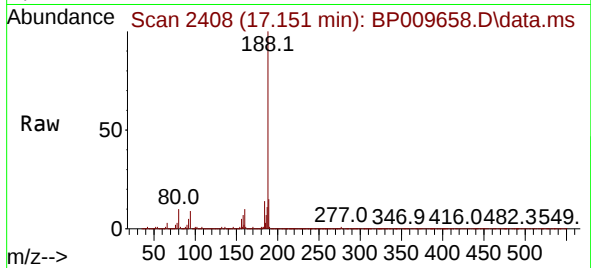
Tgt Ion:188 Resp: 1274095

Ion Ratio Lower Upper

188 100

94 8.7 7.9 11.9

80 9.7 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.268 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BP009658.D

Acq: 01 Apr 2022 15:10

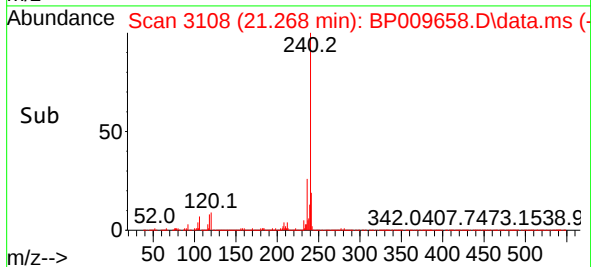
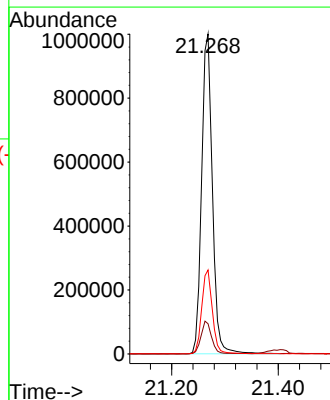
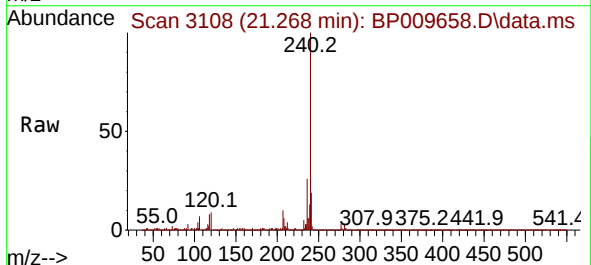
Tgt Ion:240 Resp: 1404064

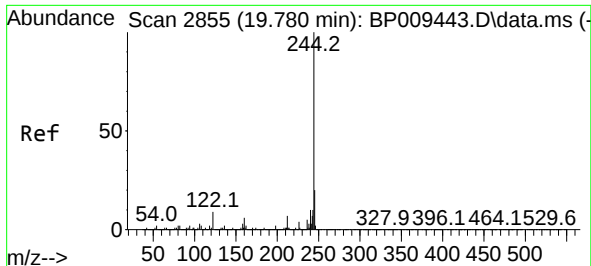
Ion Ratio Lower Upper

240 100

120 9.5 9.0 13.4

236 26.2 20.6 30.8

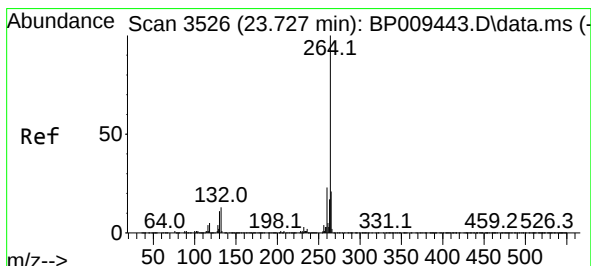
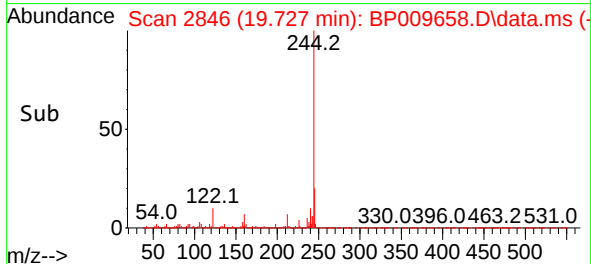
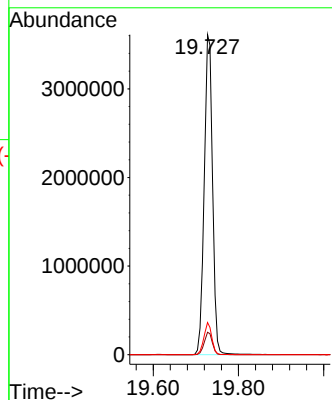
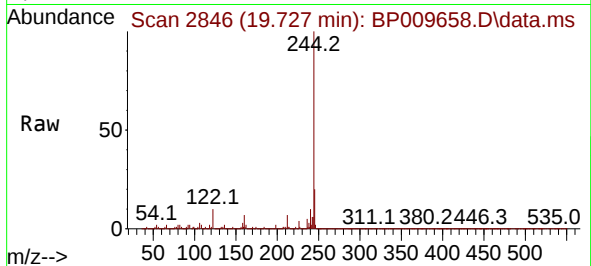




#79
 Terphenyl-d14
 Concen: 62.485 ng
 RT: 19.727 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP009658.D
 Acq: 01 Apr 2022 15:10

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 4887916
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.645 min Scan# 3512
 Delta R.T. -0.006 min
 Lab File: BP009658.D
 Acq: 01 Apr 2022 15:10

Tgt Ion:264 Resp: 1485512
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.0
 265 21.6 17.2 25.8

