

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032422\
 Data File : BP009537.D
 Acq On : 24 Mar 2022 19:34
 Operator : CG/JU
 Sample : N2090-21
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUP032322

Quant Time: Mar 25 03:16:11 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 24 01:19:11 2022
 Response via : Initial Calibration

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

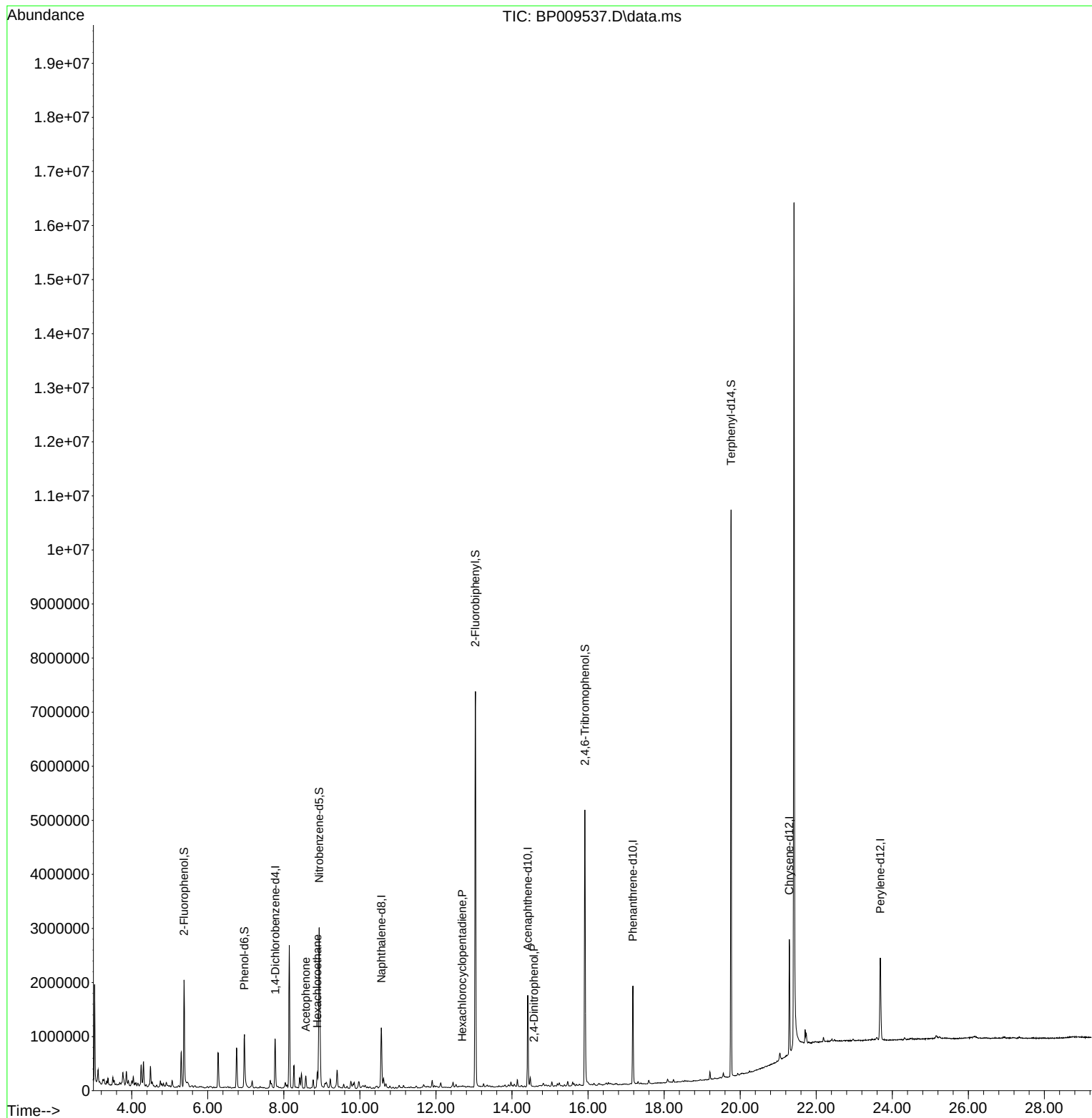
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	280774	20.000	ng	-0.01
21) Naphthalene-d8	10.563	136	1051311	20.000	ng	-0.02
39) Acenaphthene-d10	14.416	164	614878	20.000	ng	-0.02
64) Phenanthrene-d10	17.180	188	1175413	20.000	ng	-0.02
76) Chrysene-d12	21.292	240	1104881	20.000	ng	-0.02
86) Perylene-d12	23.686	264	1250552	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1070861	66.589	ng	-0.02
7) Phenol-d6	6.963	99	751716	34.565	ng	-0.02
23) Nitrobenzene-d5	8.928	82	1933648	97.740	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	1199919	118.259	ng	-0.02
45) 2-Fluorobiphenyl	13.040	172	4380119	98.753	ng	-0.02
79) Terphenyl-d14	19.763	244	5515123	89.594	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.928	77	1464	Below Cal	#	1
18) Hexachloroethane	8.881	117	93806	12.649	ng	# 42
22) Acetophenone	8.575	105	175327	6.738	ng	# 60
41) Hexachlorocyclopentadiene	12.692	237	22	7.291	ng	75
54) 2,4-Dinitrophenol	14.575	184	222	4.567	ng	# 1

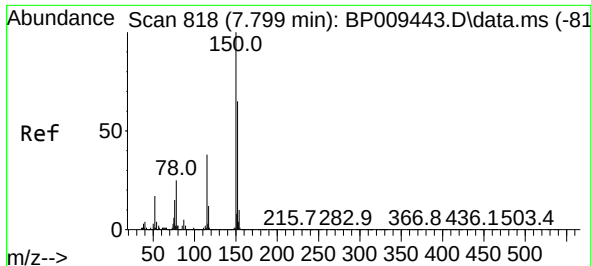
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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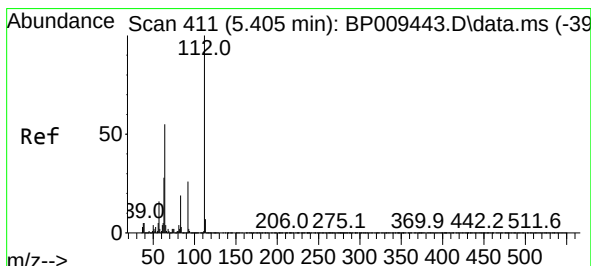
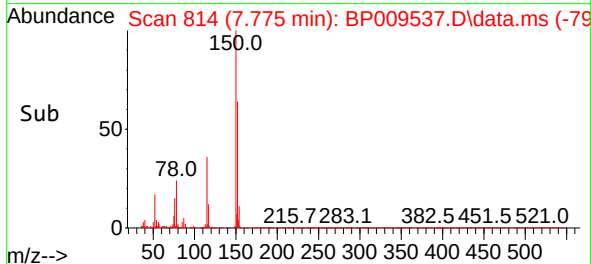
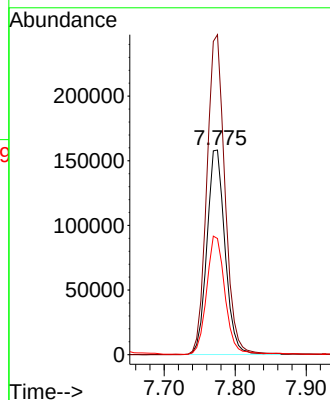
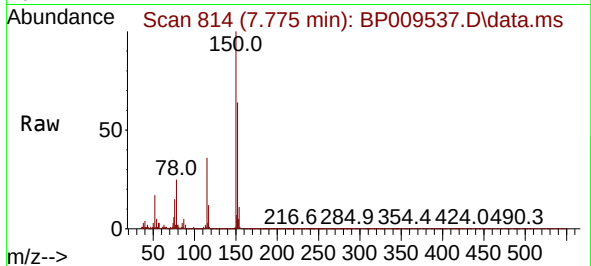




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP009537.D
Acq: 24 Mar 2022 19:34

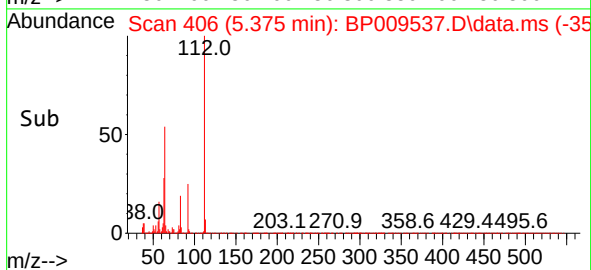
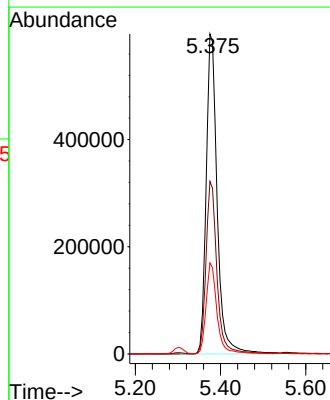
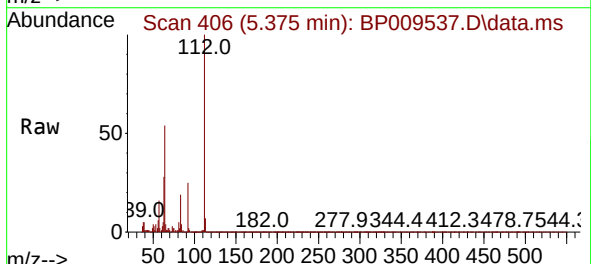
Instrument :
BNA_P
ClientSampleId :
DUP032322

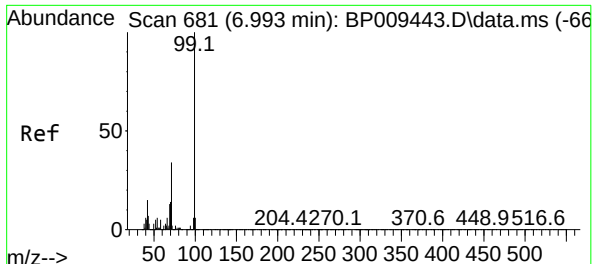
Tgt Ion:152 Resp: 280774
Ion Ratio Lower Upper
152 100
150 156.3 124.5 186.7
115 56.8 48.2 72.4



#5
2-Fluorophenol
Concen: 66.589 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.018 min
Lab File: BP009537.D
Acq: 24 Mar 2022 19:34

Tgt Ion:112 Resp: 1070861
Ion Ratio Lower Upper
112 100
64 53.9 45.0 67.4
63 28.4 23.0 34.6

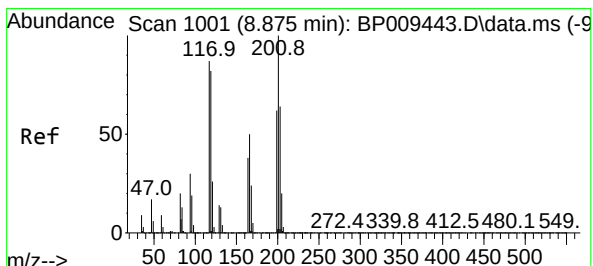
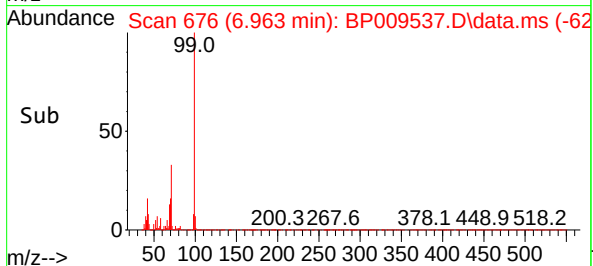
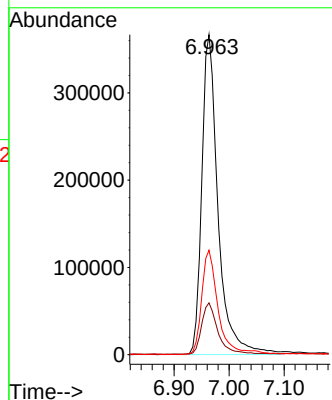
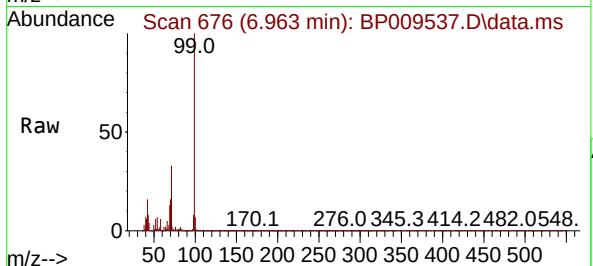




#7
Phenol-d6
Concen: 34.565 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP009537.D
Acq: 24 Mar 2022 19:34

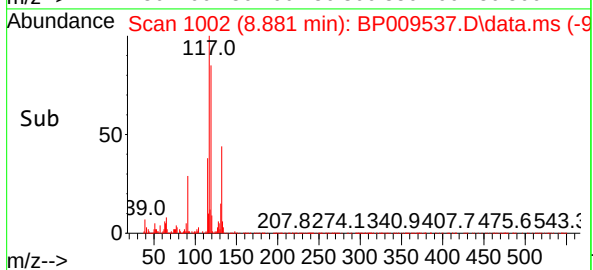
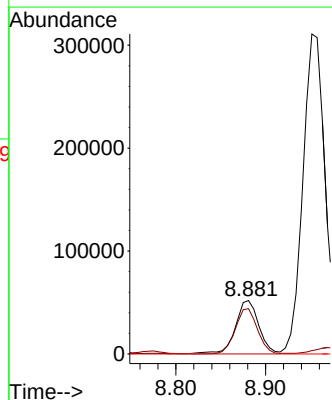
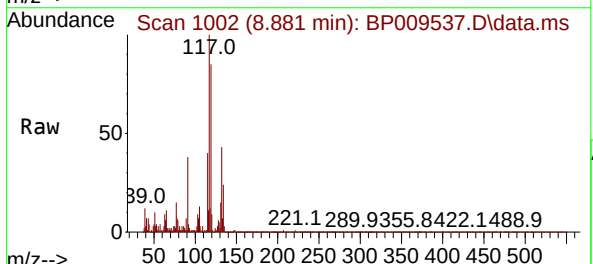
Instrument :
BNA_P
ClientSampleId :
DUP032322

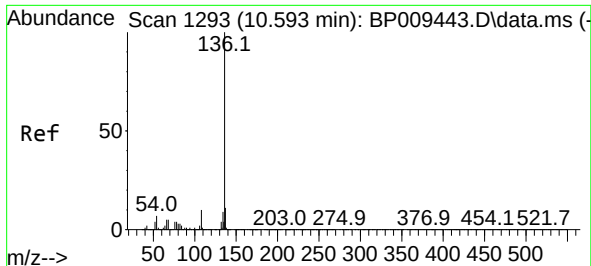
Tgt Ion: 99 Resp: 751716
Ion Ratio Lower Upper
99 100
42 16.2 12.8 19.2
71 32.7 26.3 39.5



#18
Hexachloroethane
Concen: 12.649 ng
RT: 8.881 min Scan# 1002
Delta R.T. 0.018 min
Lab File: BP009537.D
Acq: 24 Mar 2022 19:34

Tgt Ion: 117 Resp: 93806
Ion Ratio Lower Upper
117 100
119 84.9 76.4 114.6
201 0.0 83.4 125.2#

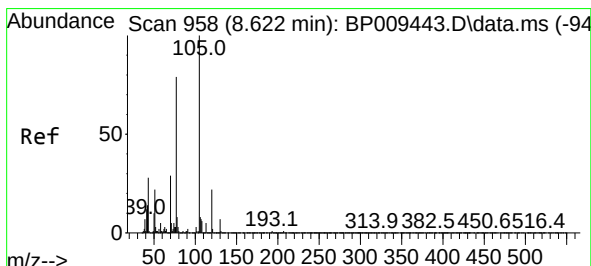
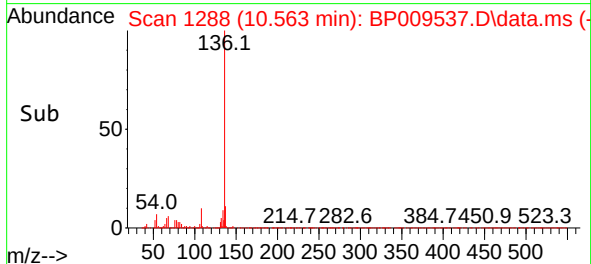
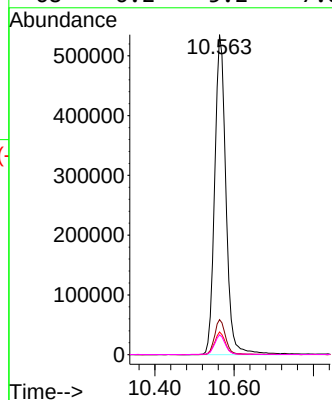
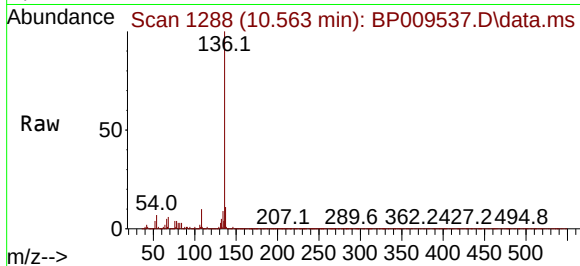




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 11
Delta R.T. -0.018 min
Lab File: BP009537.D
Acq: 24 Mar 2022 19:34

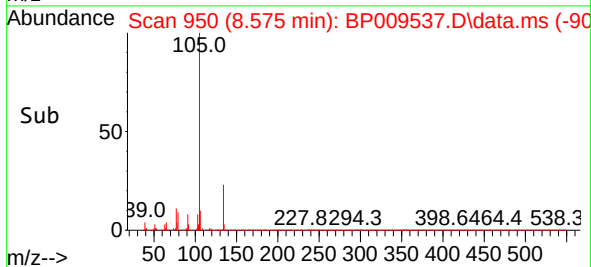
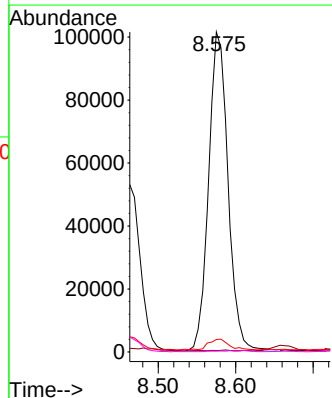
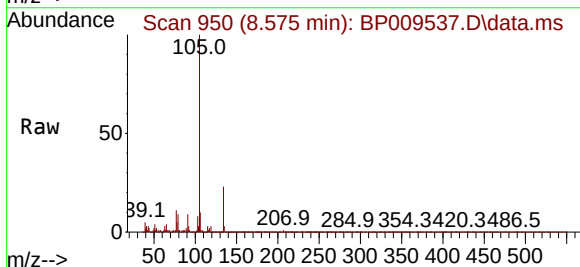
Instrument :
BNA_P
ClientSampleId :
DUP032322

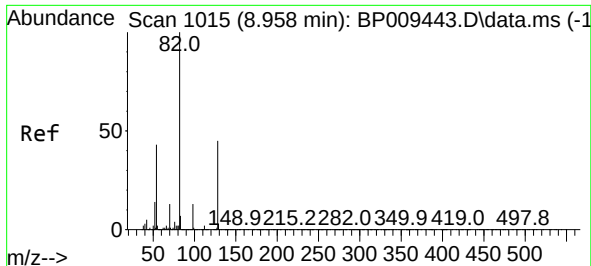
Tgt Ion:136 Resp: 1051311
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.1 5.8 8.8
68 6.2 5.2 7.8



#22
Acetophenone
Concen: 6.738 ng
RT: 8.575 min Scan# 950
Delta R.T. -0.035 min
Lab File: BP009537.D
Acq: 24 Mar 2022 19:34

Tgt Ion:105 Resp: 175327
Ion Ratio Lower Upper
105 100
71 0.4 5.5 8.3#
51 3.9 18.9 28.3#
120 0.3 18.1 27.1#

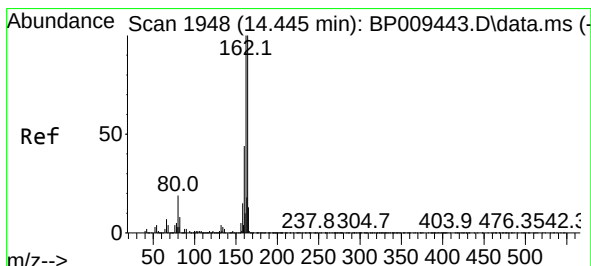
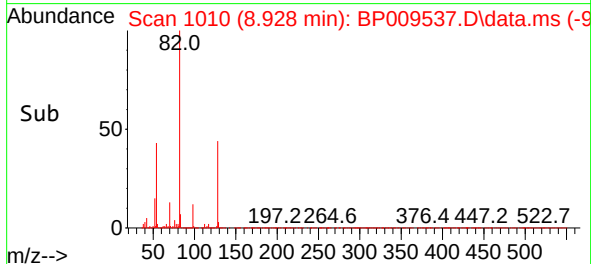
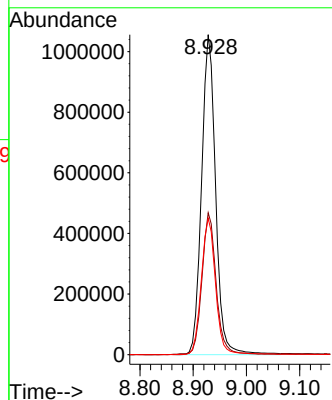
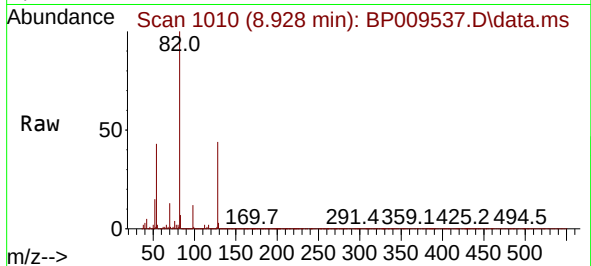




#23
 Nitrobenzene-d5
 Concen: 97.740 ng
 RT: 8.928 min Scan# 1010
 Delta R.T. -0.018 min
 Lab File: BP009537.D
 Acq: 24 Mar 2022 19:34

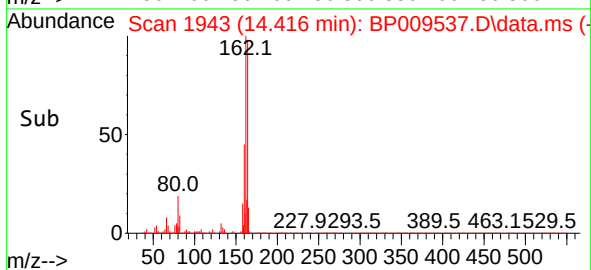
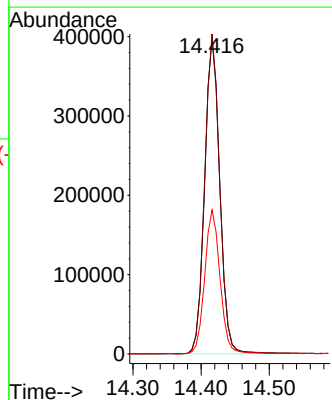
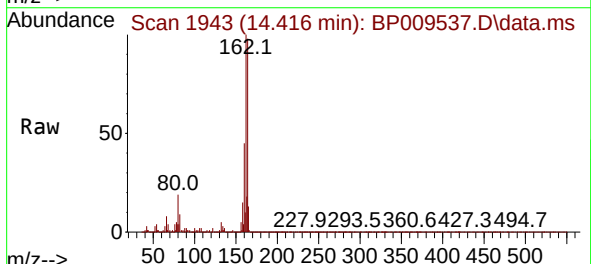
Instrument :
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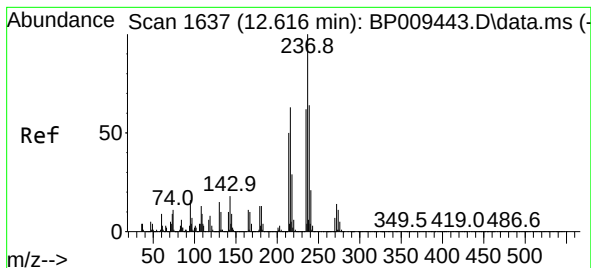
Tgt Ion: 82 Resp: 1933648
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.2 51.4
 54 42.6 34.7 52.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.416 min Scan# 1943
 Delta R.T. -0.018 min
 Lab File: BP009537.D
 Acq: 24 Mar 2022 19:34

Tgt Ion:164 Resp: 614878
 Ion Ratio Lower Upper
 164 100
 162 101.7 79.1 118.7
 160 45.7 34.9 52.3





#41

Hexachlorocyclopentadiene

Concen: 7.291 ng

RT: 12.692 min Scan# 1

Delta R.T. 0.088 min

Lab File: BP009537.D

Acq: 24 Mar 2022 19:34

Instrument :

BNA_P

ClientSampleId :

DUP032322

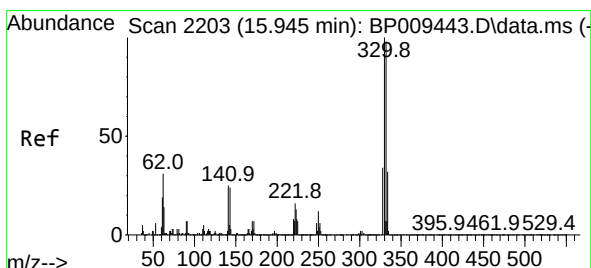
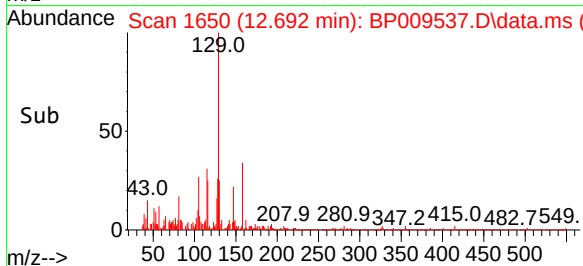
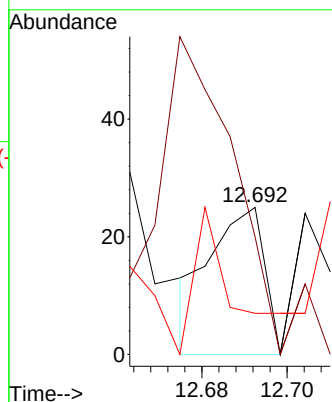
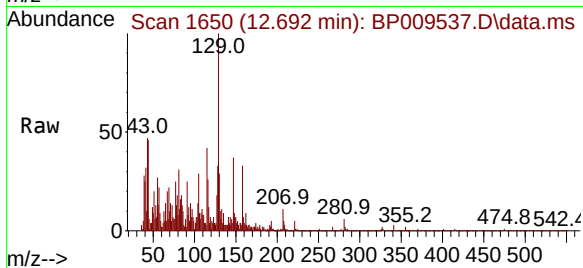
Tgt Ion:237 Resp: 22

Ion Ratio Lower Upper

237 100

235 80.0 42.6 82.6

272 28.0 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 118.259 ng

RT: 15.916 min Scan# 2198

Delta R.T. -0.018 min

Lab File: BP009537.D

Acq: 24 Mar 2022 19:34

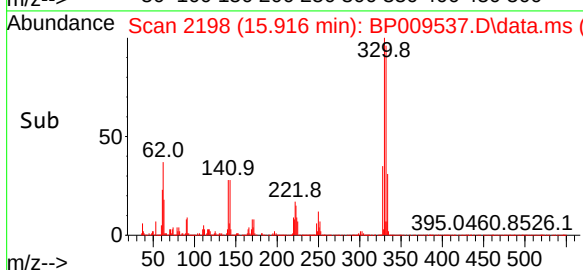
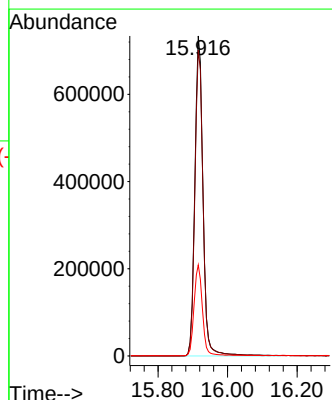
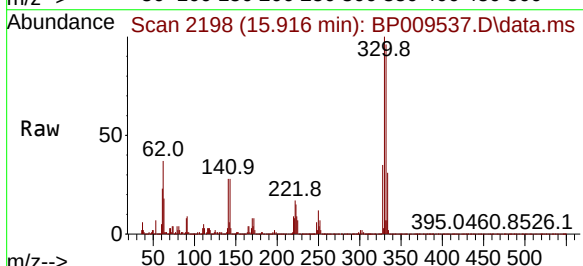
Tgt Ion:330 Resp: 1199919

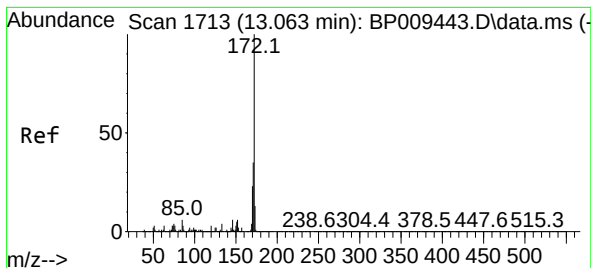
Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

141 29.2 27.6 41.4

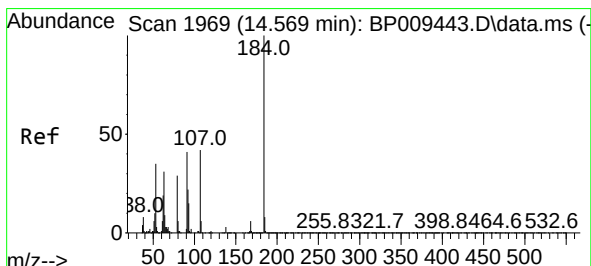
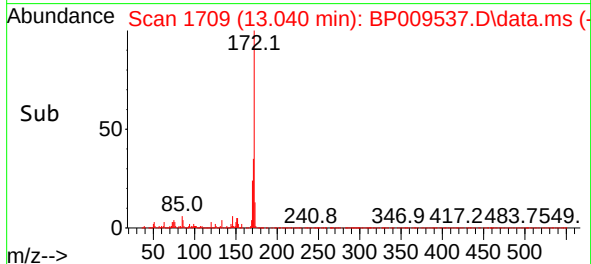
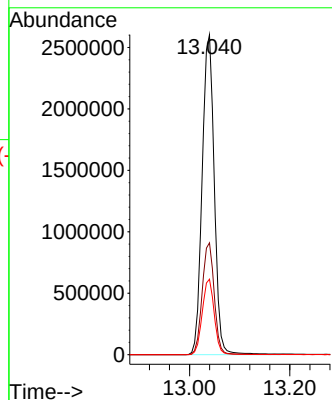
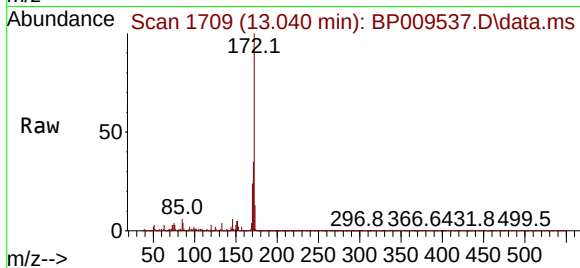




#45
2-Fluorobiphenyl
Concen: 98.753 ng
RT: 13.040 min Scan# 1713
Delta R.T. -0.018 min
Lab File: BP009537.D
Acq: 24 Mar 2022 19:34

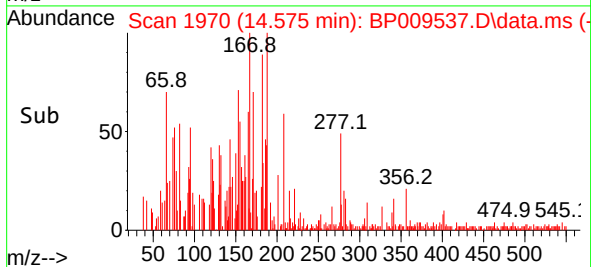
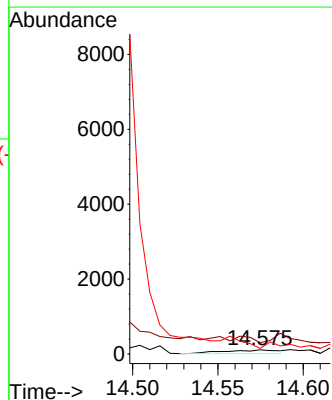
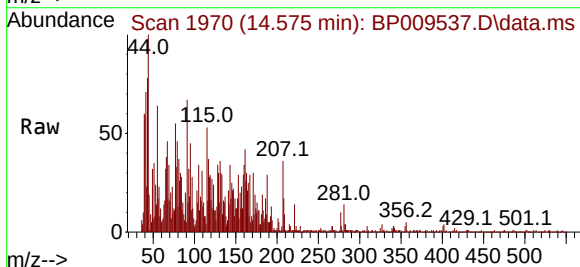
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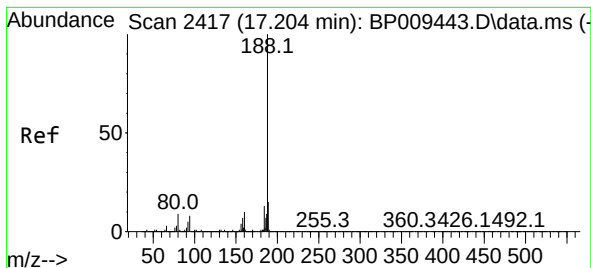
Tgt Ion:172 Resp: 4380119
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.6 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.567 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.012 min
Lab File: BP009537.D
Acq: 24 Mar 2022 19:34

Tgt Ion:184 Resp: 222
Ion Ratio Lower Upper
184 100
63 269.0 46.3 69.5#
154 132.7 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.180 min Scan# 2417

Delta R.T. -0.018 min

Lab File: BP009537.D

Acq: 24 Mar 2022 19:34

Instrument :

BNA_P

ClientSampleId :

DUP032322

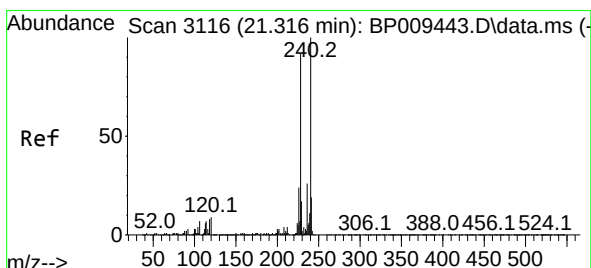
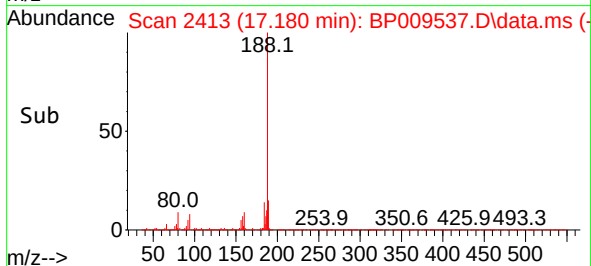
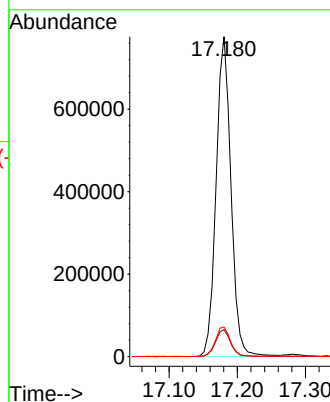
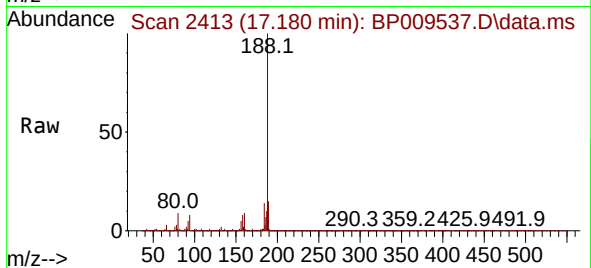
Tgt Ion:188 Resp: 1175413

Ion Ratio Lower Upper

188 100

94 8.5 7.9 11.9

80 9.3 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.292 min Scan# 3112

Delta R.T. -0.023 min

Lab File: BP009537.D

Acq: 24 Mar 2022 19:34

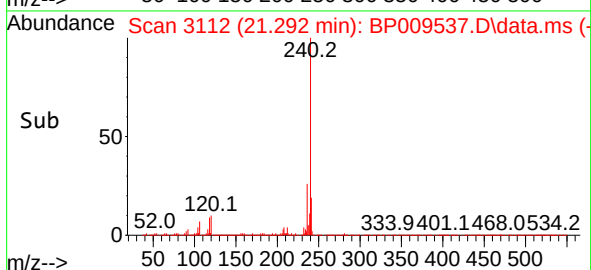
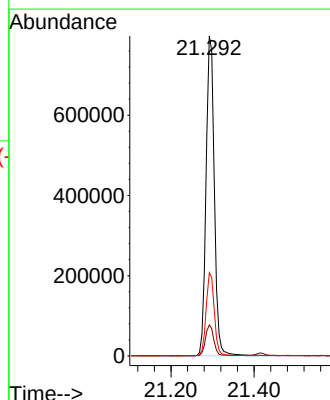
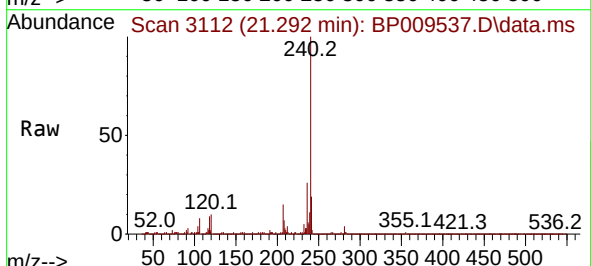
Tgt Ion:240 Resp: 1104881

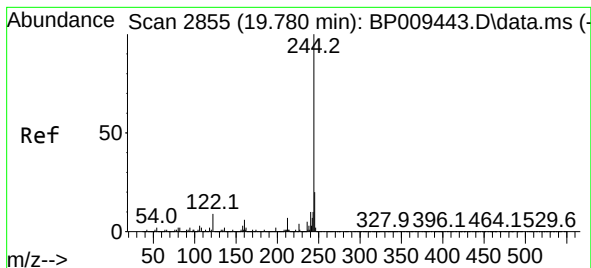
Ion Ratio Lower Upper

240 100

120 9.7 9.0 13.4

236 26.0 20.6 30.8





#79

Terphenyl-d14

Concen: 89.594 ng

RT: 19.763 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP009537.D

Acq: 24 Mar 2022 19:34

Instrument :

BNA_P

ClientSampleId :

DUP032322

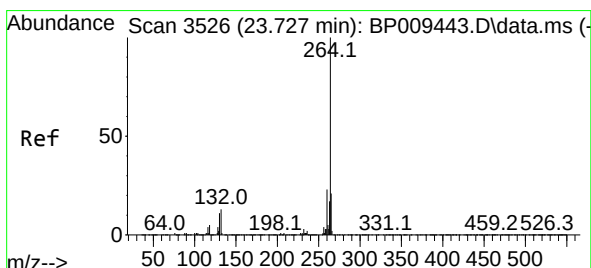
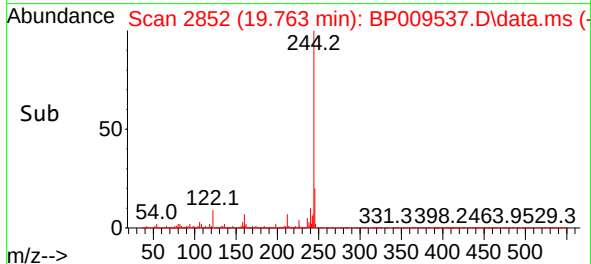
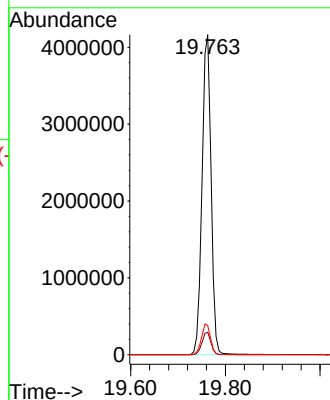
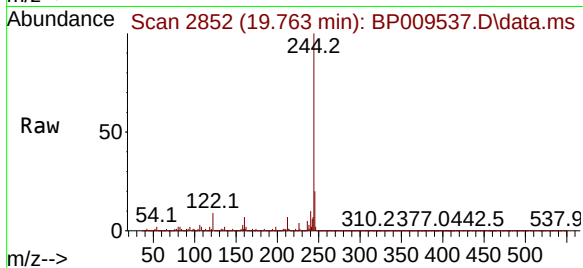
Tgt Ion:244 Resp: 5515123

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.1 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.686 min Scan# 3519

Delta R.T. -0.029 min

Lab File: BP009537.D

Acq: 24 Mar 2022 19:34

Tgt Ion:264 Resp: 1250552

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 22.7 17.2 25.8

