

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061522\
 Data File : BP010740.D
 Acq On : 15 Jun 2022 21:13
 Operator : CG/JU
 Sample : N3354-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-55

Quant Time: Jun 16 02:22:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 00:00:39 2022
 Response via : Initial Calibration

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

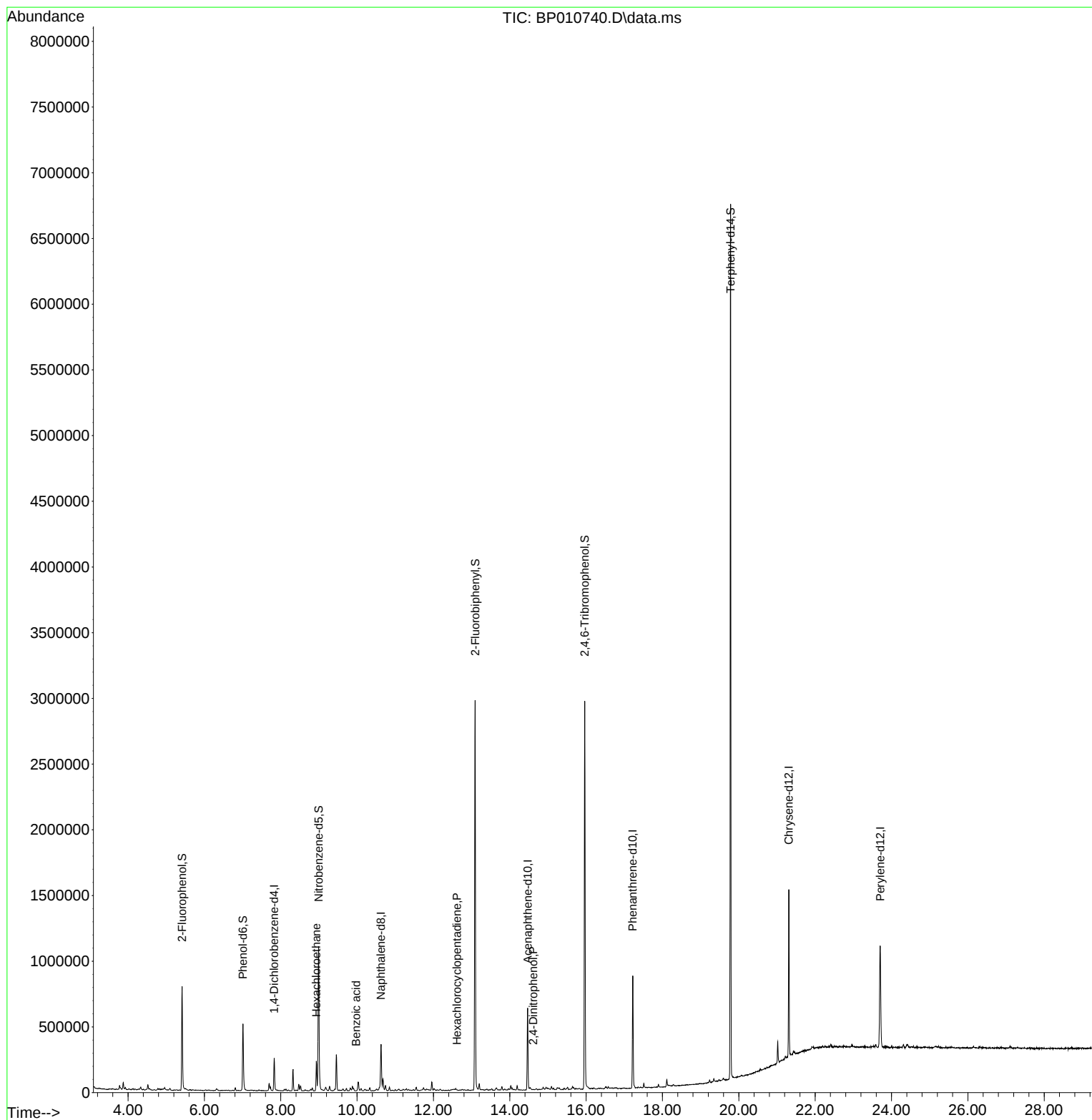
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	60010	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	269031	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	202289	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	484573	20.000	ng	0.00
76) Chrysene-d12	21.310	240	576321	20.000	ng	# 0.00
86) Perylene-d12	23.704	264	619090	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	300947	86.552	ng	0.00
7) Phenol-d6	7.011	99	265637	55.862	ng	0.00
23) Nitrobenzene-d5	8.993	82	606399	106.147	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	524374	190.356	ng	0.00
45) 2-Fluorobiphenyl	13.093	172	1443259	102.636	ng	0.00
79) Terphenyl-d14	19.786	244	3087908	100.188	ng	0.00
Target Compounds						
18) Hexachloroethane	8.934	117	18252	10.636	ng	# 1
32) Benzoic acid	9.975	122	49	6.096	ng	# 1
41) Hexachlorocyclopentadiene	12.616	237	16	6.199	ng	77
54) 2,4-Dinitrophenol	14.616	184	9	5.318	ng	# 1

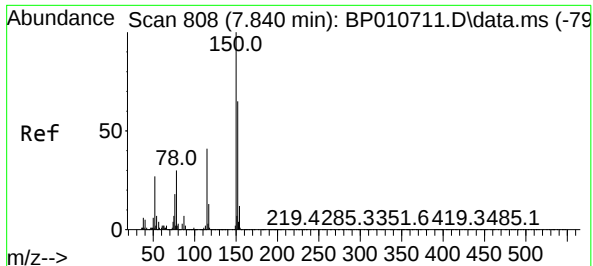
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 00:00:39 2022
Response via : Initial Calibration

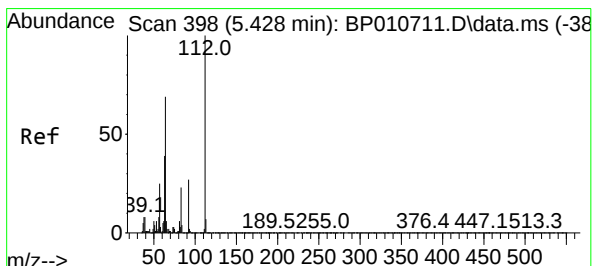
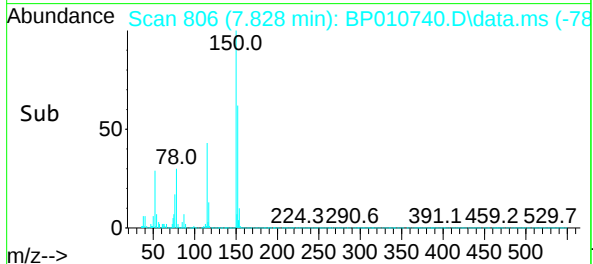
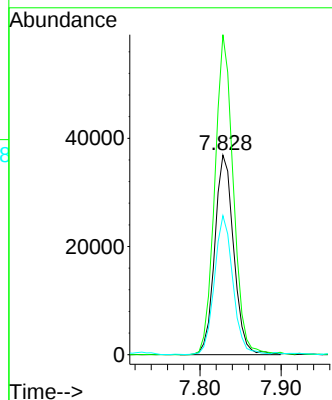
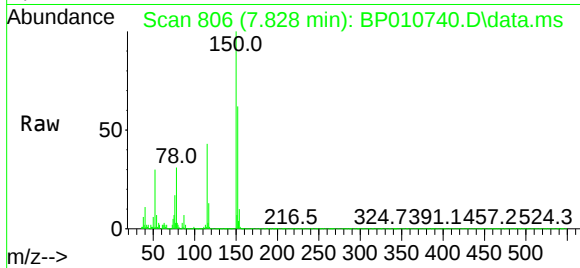




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 808
Delta R.T. 0.000 min
Lab File: BP010740.D
Acq: 15 Jun 2022 21:13

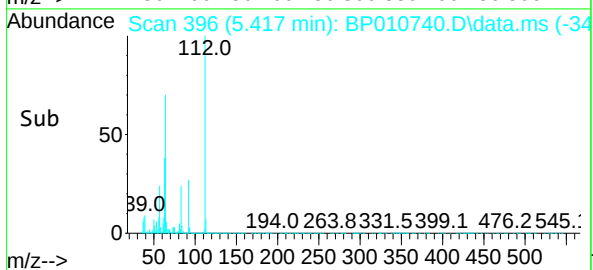
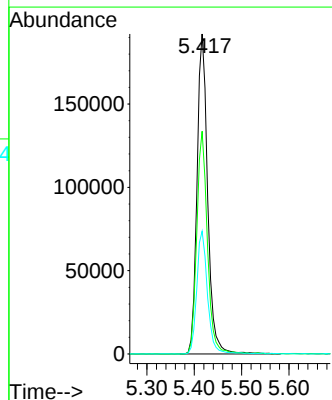
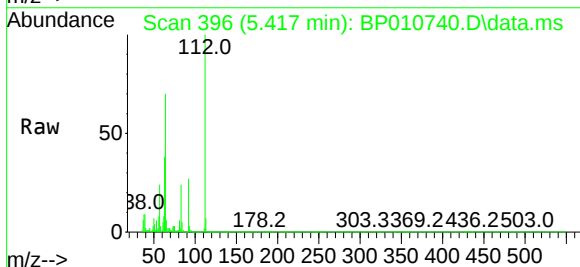
Instrument :
BNA_P
ClientSampleId :
MW-55

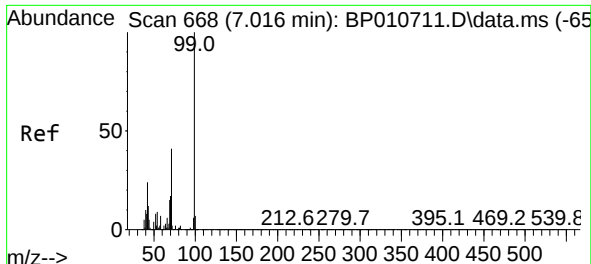
Tgt Ion:152 Resp: 60010
Ion Ratio Lower Upper
152 100
150 160.4 123.4 185.2
115 69.6 51.3 76.9



#5
2-Fluorophenol
Concen: 86.552 ng
RT: 5.417 min Scan# 396
Delta R.T. 0.000 min
Lab File: BP010740.D
Acq: 15 Jun 2022 21:13

Tgt Ion:112 Resp: 300947
Ion Ratio Lower Upper
112 100
64 69.6 56.9 85.3
63 38.4 31.2 46.8

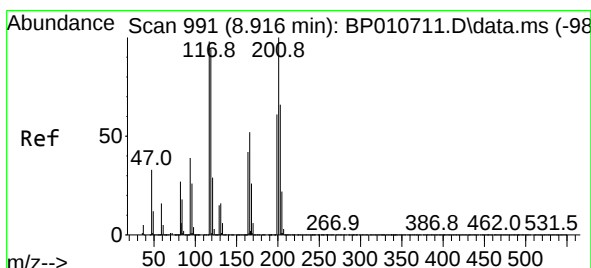
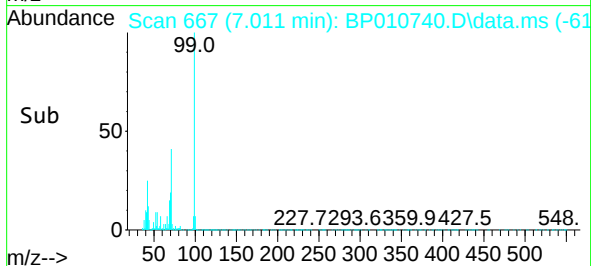
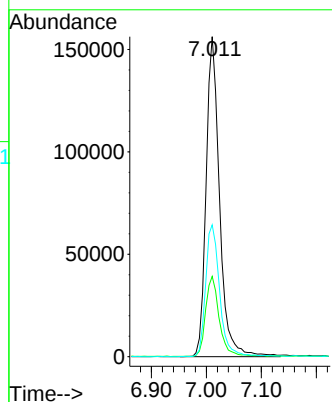
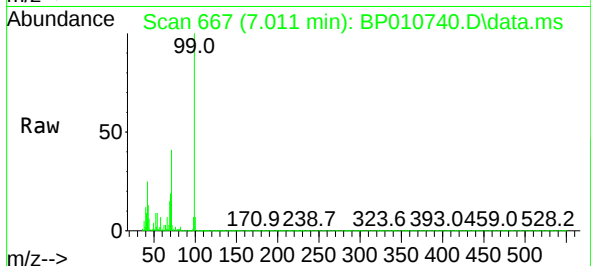




#7
Phenol-d6
Concen: 55.862 ng
RT: 7.011 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP010740.D
Acq: 15 Jun 2022 21:13

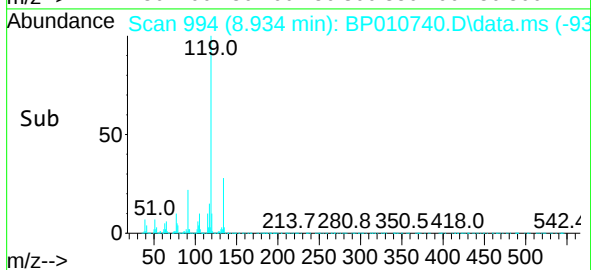
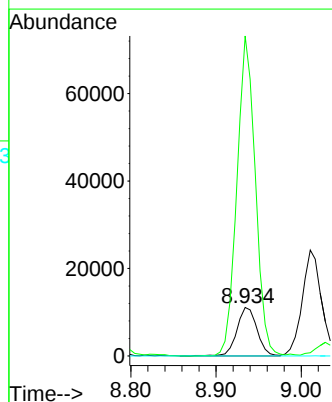
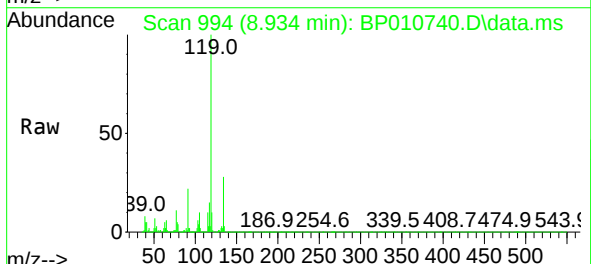
Instrument :
BNA_P
ClientSampleId :
MW-55

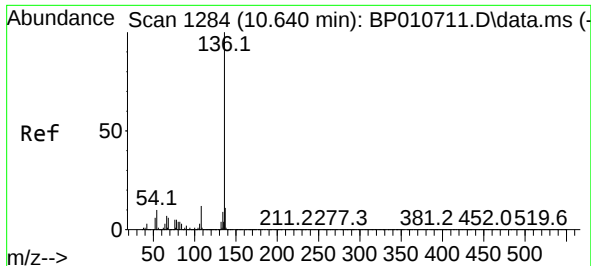
Tgt Ion: 99 Resp: 265637
Ion Ratio Lower Upper
99 100
42 25.1 20.3 30.5
71 41.2 33.9 50.9



#18
Hexachloroethane
Concen: 10.636 ng
RT: 8.934 min Scan# 994
Delta R.T. 0.030 min
Lab File: BP010740.D
Acq: 15 Jun 2022 21:13

Tgt Ion: 117 Resp: 18252
Ion Ratio Lower Upper
117 100
119 660.6 75.6 113.4#
201 0.1 80.9 121.3#

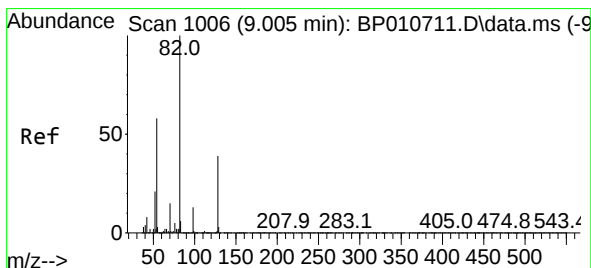
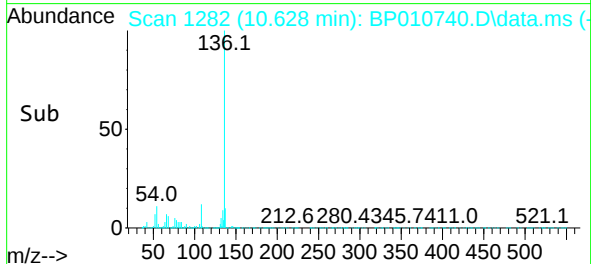
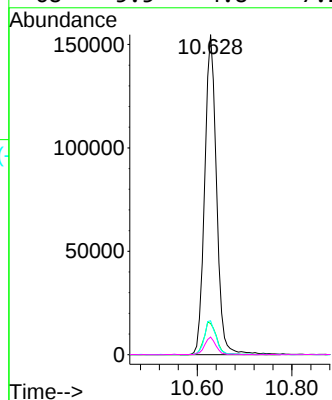
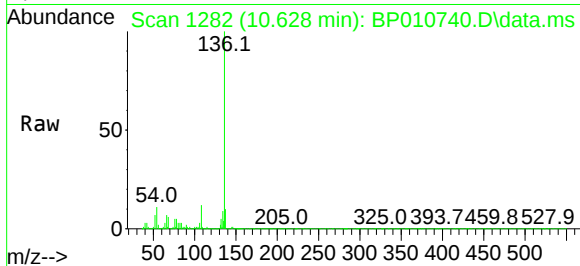




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BP010740.D
Acq: 15 Jun 2022 21:13

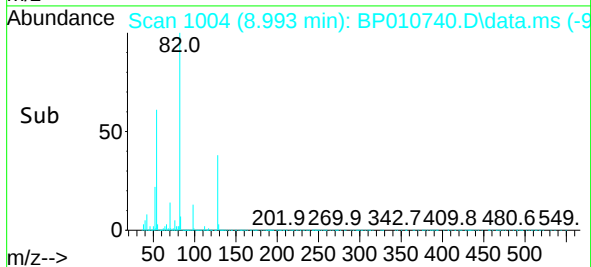
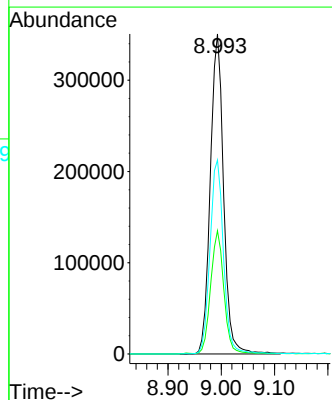
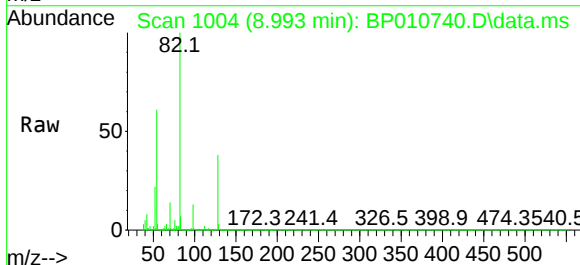
Instrument :
BNA_P
ClientSampleId :
MW-55

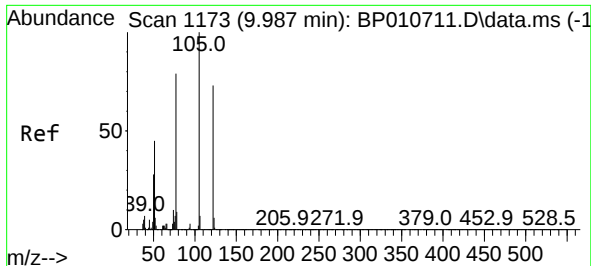
Tgt Ion:	136	Resp:	269031
Ion	Ratio	Lower	Upper
136	100		
137	9.8	9.0	13.4
54	10.6	8.7	13.1
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 106.147 ng
RT: 8.993 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BP010740.D
Acq: 15 Jun 2022 21:13

Tgt Ion:	82	Resp:	606399
Ion	Ratio	Lower	Upper
82	100		
128	38.5	31.3	46.9
54	60.6	49.8	74.8

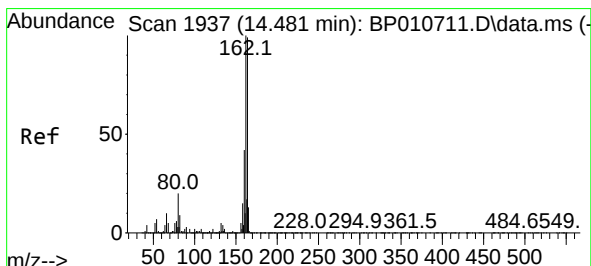
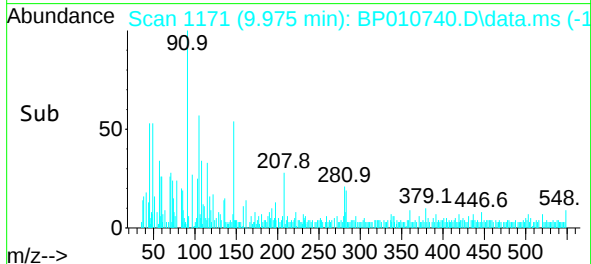
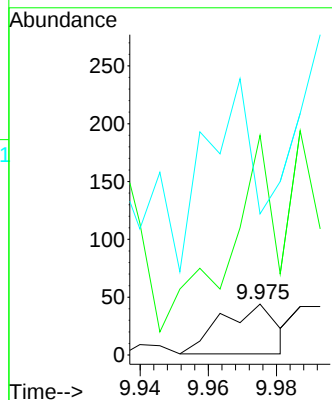
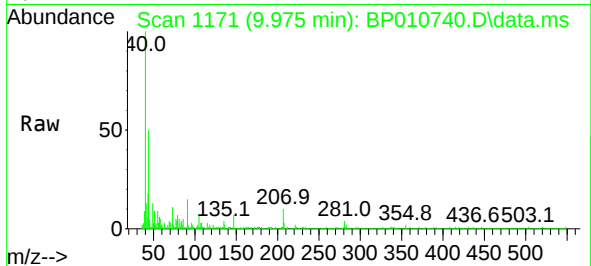




#32
Benzoic acid
Concen: 6.096 ng
RT: 9.975 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP010740.D
Acq: 15 Jun 2022 21:13

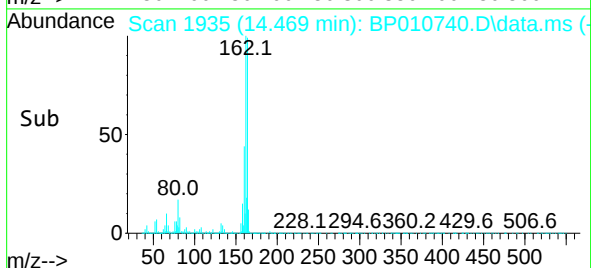
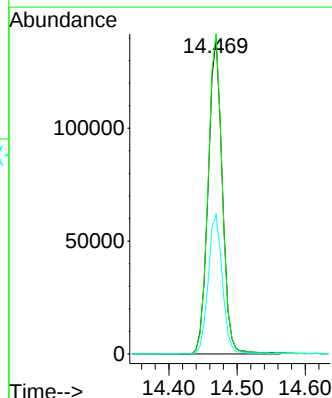
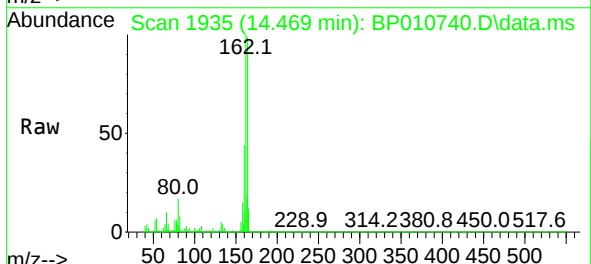
Instrument :
BNA_P
ClientSampleId :
MW-55

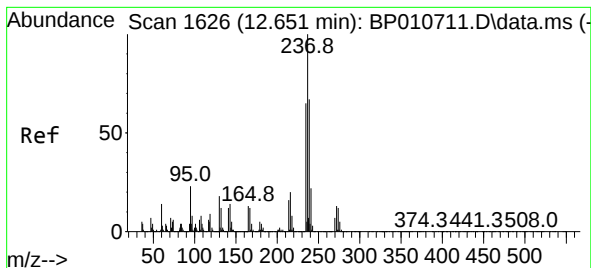
Tgt Ion:122 Resp: 49
Ion Ratio Lower Upper
122 100
105 431.8 112.6 152.6#
77 277.3 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP010740.D
Acq: 15 Jun 2022 21:13

Tgt Ion:164 Resp: 202289
Ion Ratio Lower Upper
164 100
162 101.5 81.9 122.9
160 44.3 34.6 51.8





#41

Hexachlorocyclopentadiene

Concen: 6.199 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP010740.D

Acq: 15 Jun 2022 21:13

Instrument :

BNA_P

ClientSampleId :

MW-55

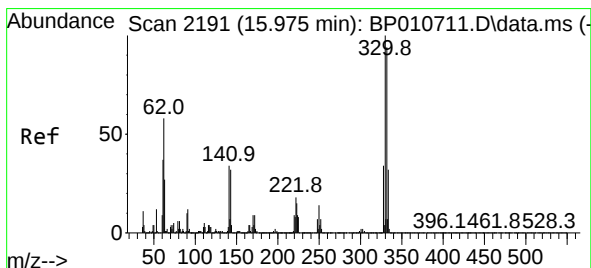
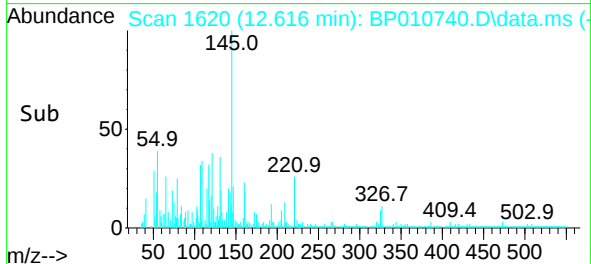
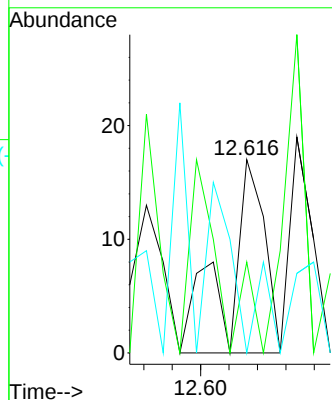
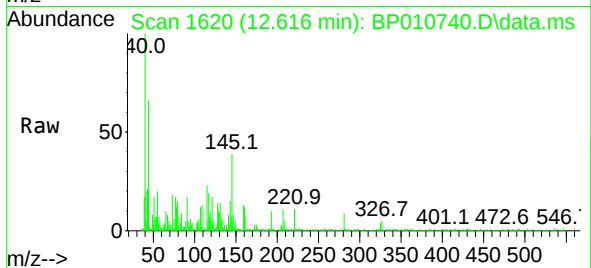
Tgt Ion:237 Resp: 16

Ion Ratio Lower Upper

237 100

235 47.1 43.3 83.3

272 0.0 0.0 33.0



#42

2,4,6-Tribromophenol

Concen: 190.356 ng

RT: 15.963 min Scan# 2189

Delta R.T. 0.000 min

Lab File: BP010740.D

Acq: 15 Jun 2022 21:13

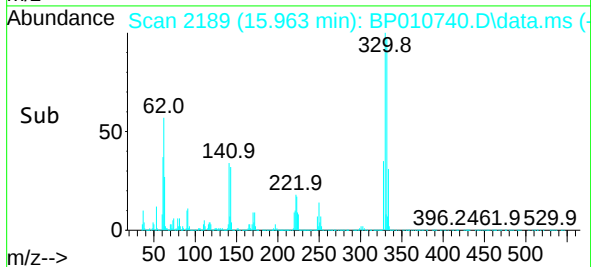
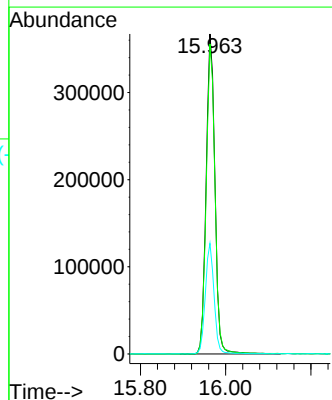
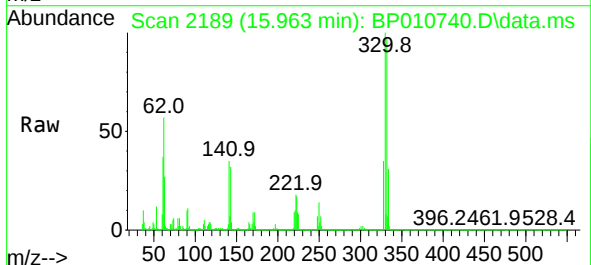
Tgt Ion:330 Resp: 524374

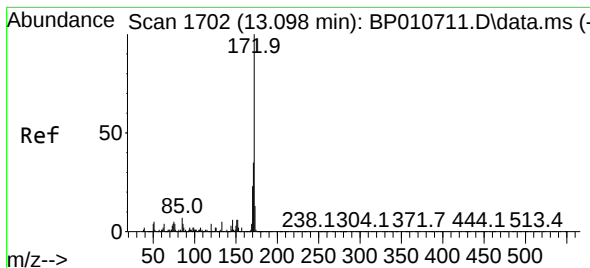
Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 34.3 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 102.636 ng

RT: 13.093 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP010740.D

Acq: 15 Jun 2022 21:13

Instrument :

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ClientSampleId :

MW-55

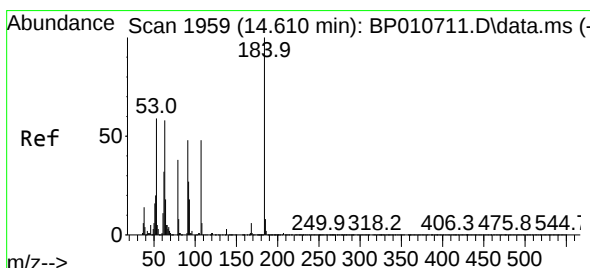
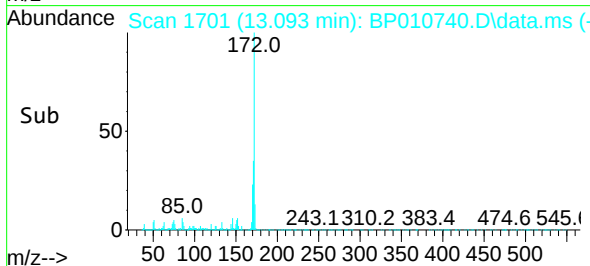
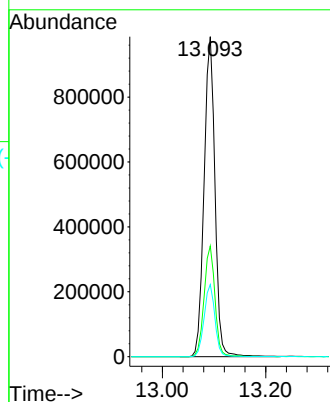
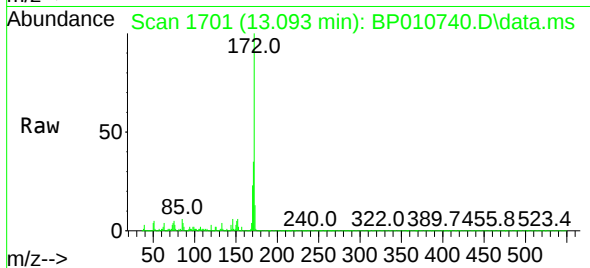
Tgt Ion:172 Resp: 1443259

Ion Ratio Lower Upper

172 100

171 34.6 27.9 41.9

170 22.6 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 5.318 ng

RT: 14.616 min Scan# 1960

Delta R.T. 0.018 min

Lab File: BP010740.D

Acq: 15 Jun 2022 21:13

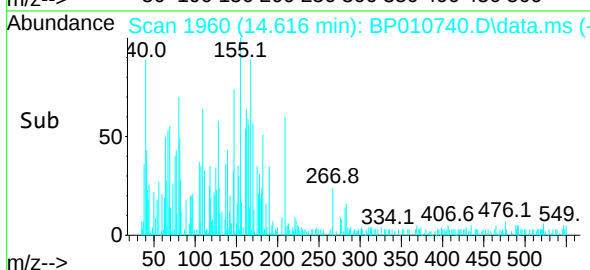
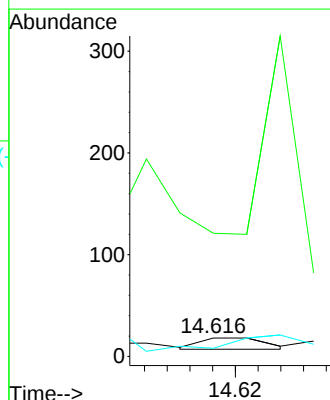
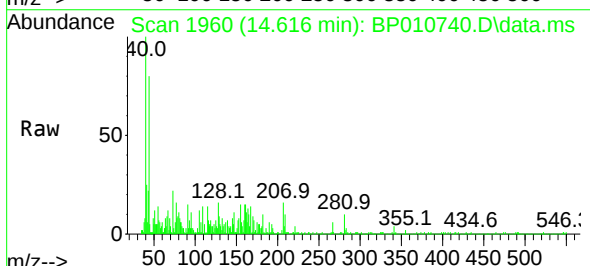
Tgt Ion:184 Resp: 9

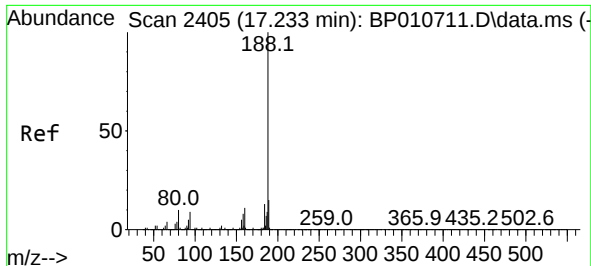
Ion Ratio Lower Upper

184 100

63 672.2 65.4 98.2#

154 44.4 55.4 83.2#

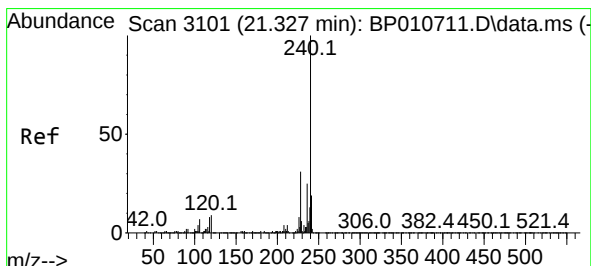
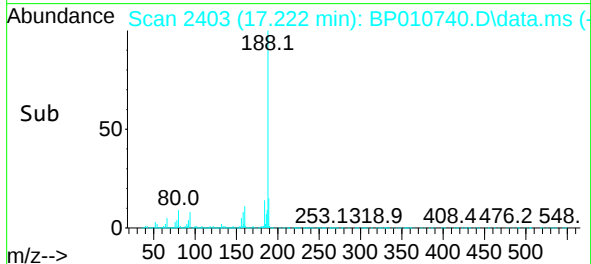
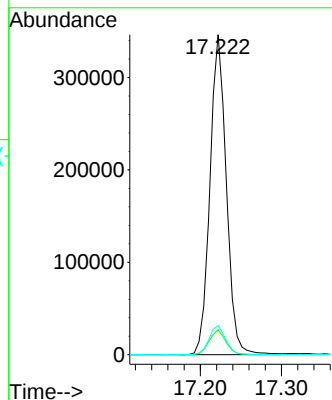
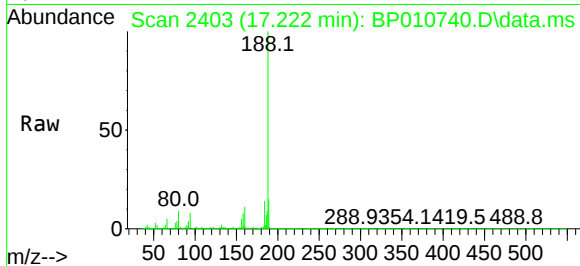




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BP010740.D
Acq: 15 Jun 2022 21:13

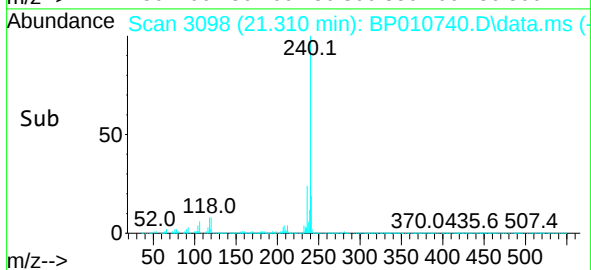
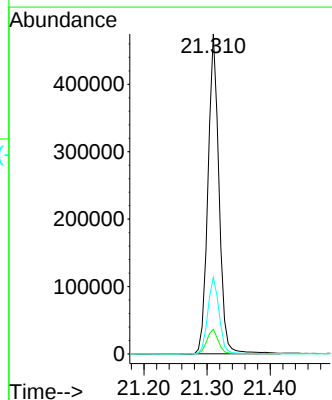
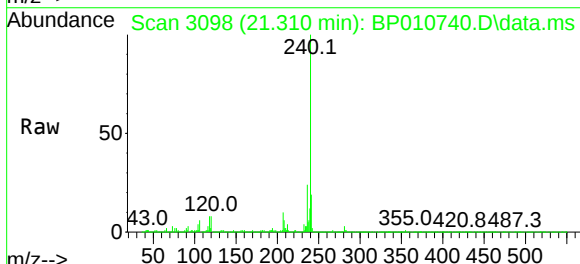
Instrument :
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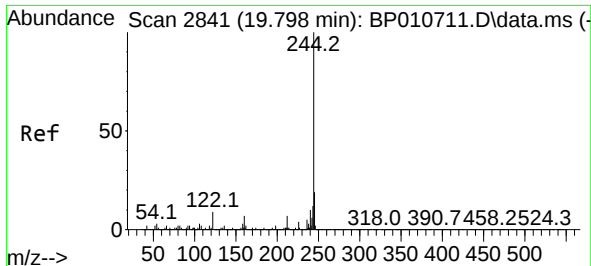
Tgt Ion:188 Resp: 484573
Ion Ratio Lower Upper
188 100
94 7.8 6.6 10.0
80 9.1 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP010740.D
Acq: 15 Jun 2022 21:13

Tgt Ion:240 Resp: 576321
Ion Ratio Lower Upper
240 100
120 7.7 8.6 12.8#
236 24.0 19.8 29.6

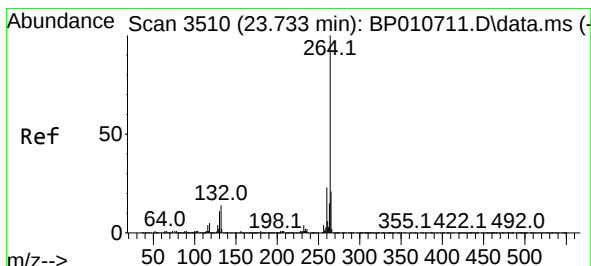
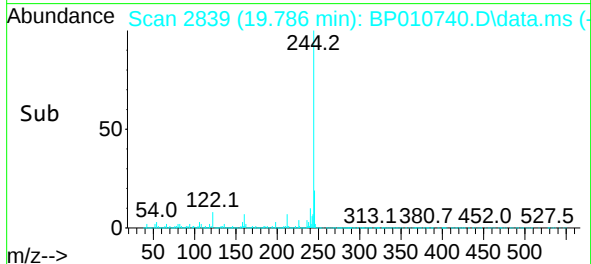
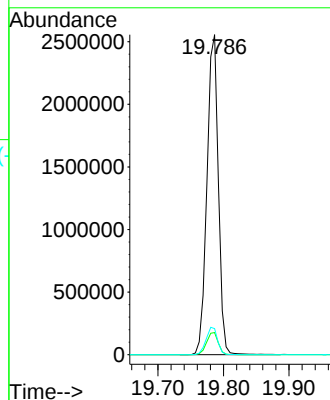
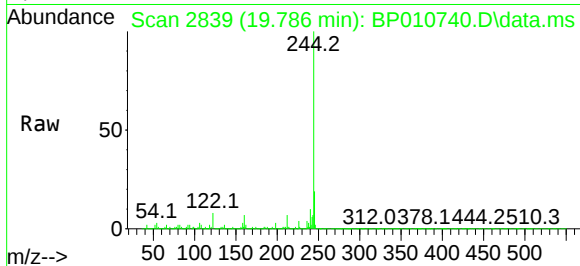




#79
 Terphenyl-d14
 Concen: 100.188 ng
 RT: 19.786 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP010740.D
 Acq: 15 Jun 2022 21:13

Instrument :
 BNA_P
 ClientSampleId :
 MW-55

Tgt Ion:244 Resp: 3087908
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 8.1 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 3505
 Delta R.T. -0.006 min
 Lab File: BP010740.D
 Acq: 15 Jun 2022 21:13

Tgt Ion:264 Resp: 619090
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 22.2 18.0 27.0

