

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082622\
 Data File : BP011583.D
 Acq On : 26 Aug 2022 17:28
 Operator : CG/JU
 Sample : N4354-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-24

Quant Time: Aug 27 01:16:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 27 00:36:07 2022
 Response via : Initial Calibration

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

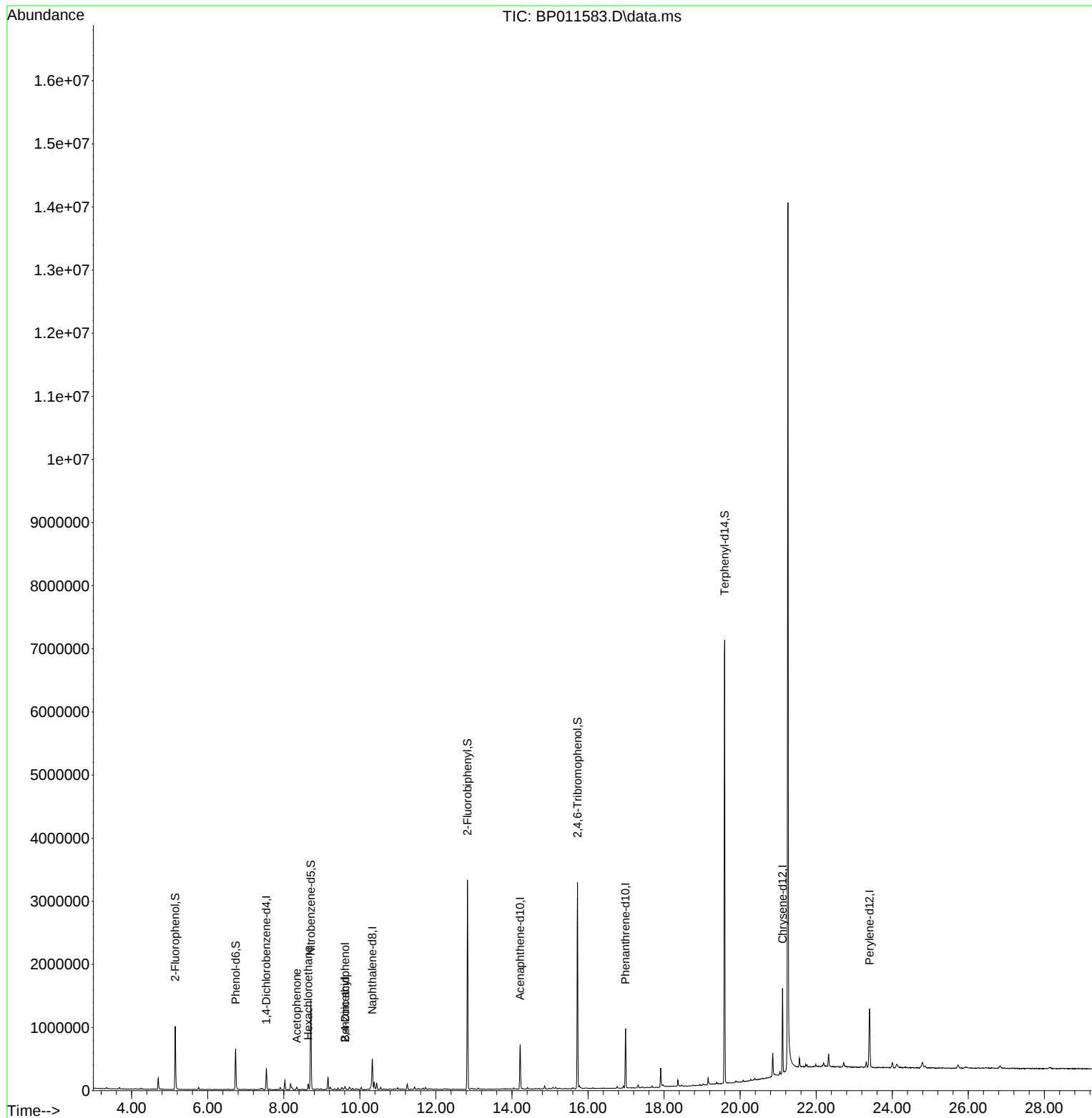
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	77026	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	336842	20.000	ng	0.00
39) Acenaphthene-d10	14.216	164	217117	20.000	ng	0.00
64) Phenanthrene-d10	16.987	188	490358	20.000	ng	0.00
76) Chrysene-d12	21.116	240	566130	20.000	ng	0.00
86) Perylene-d12	23.404	264	646695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	374393	79.712	ng	0.00
7) Phenol-d6	6.734	99	315264	50.317	ng	0.00
23) Nitrobenzene-d5	8.711	82	686371	95.272	ng	0.00
42) 2,4,6-Tribromophenol	15.722	330	488650	175.721	ng	0.00
45) 2-Fluorobiphenyl	12.828	172	1438823	99.674	ng	0.00
79) Terphenyl-d14	19.592	244	2939373	100.785	ng	0.00
Target Compounds						
18) Hexachloroethane	8.640	117	18322	7.574	ng	# 32
22) Acetophenone	8.340	105	23578	2.571	ng	# 55
27) 2,4-Dimethylphenol	9.610	122	10713	2.391	ng	# 1
32) Benzoic acid	9.610	122	10713	2.640	ng	95

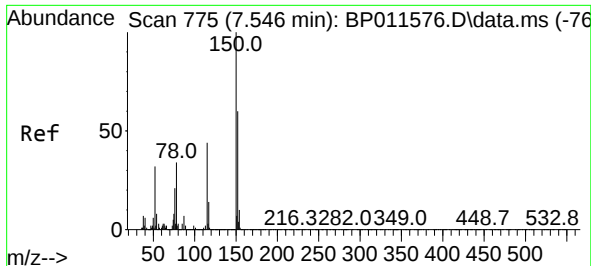
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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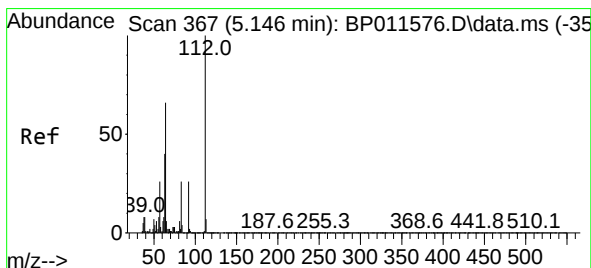
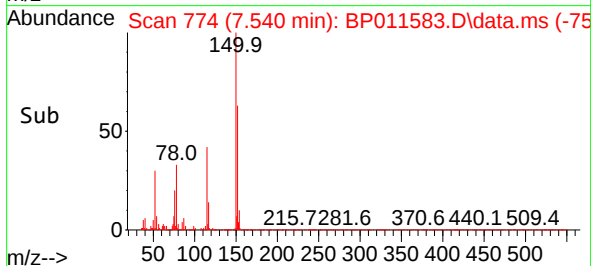
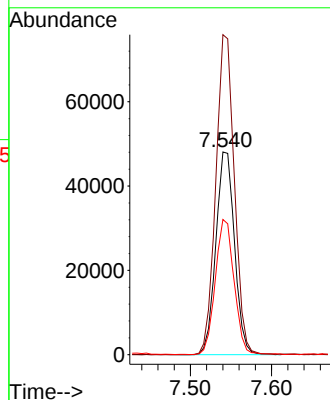
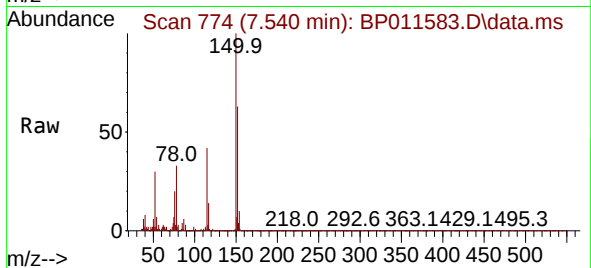




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP011583.D
Acq: 26 Aug 2022 17:28

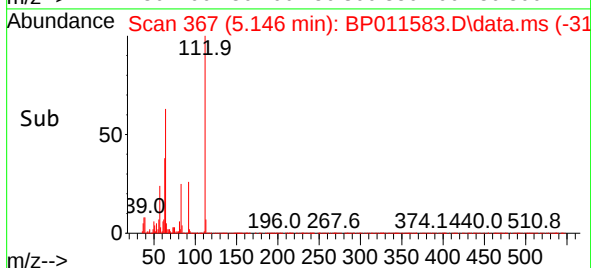
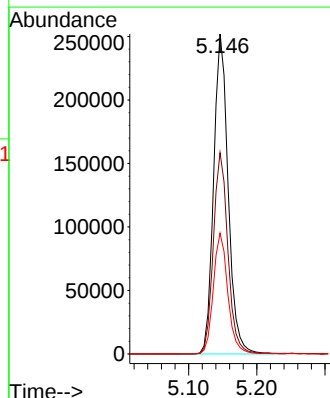
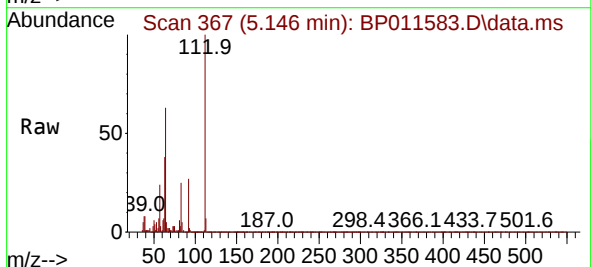
Instrument :
BNA_P
ClientSampleId :
MW-24

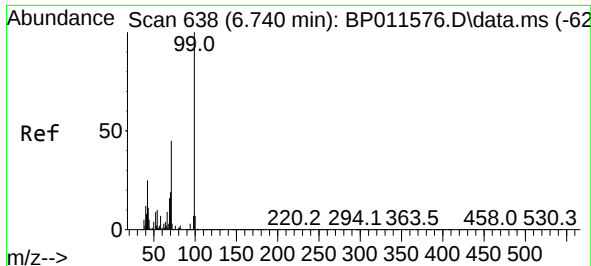
Tgt Ion:152 Resp: 77026
Ion Ratio Lower Upper
152 100
150 157.9 123.4 185.2
115 66.7 51.3 76.9



#5
2-Fluorophenol
Concen: 79.712 ng
RT: 5.146 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP011583.D
Acq: 26 Aug 2022 17:28

Tgt Ion:112 Resp: 374393
Ion Ratio Lower Upper
112 100
64 62.9 56.9 85.3
63 37.7 31.2 46.8

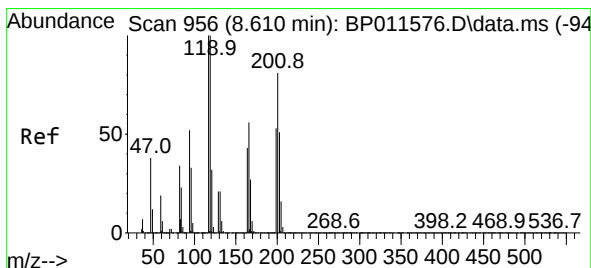
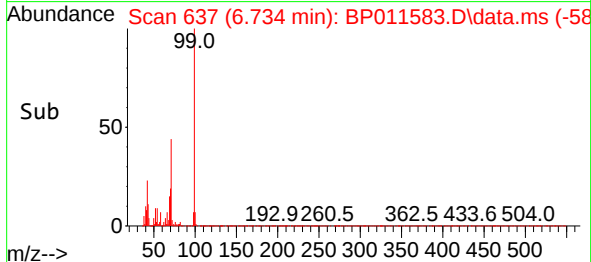
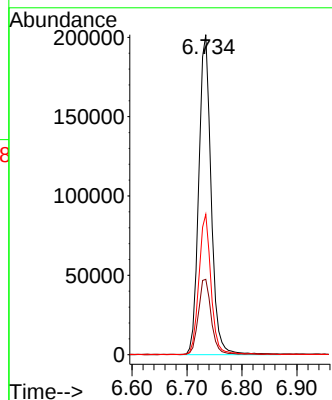
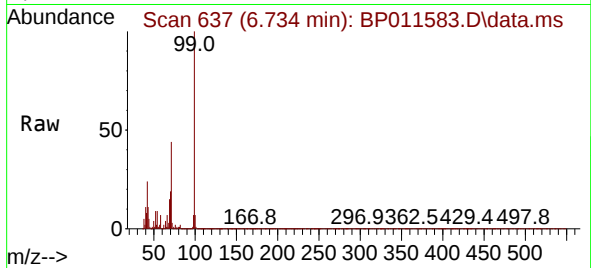




#7
Phenol-d6
Concen: 50.317 ng
RT: 6.734 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP011583.D
Acq: 26 Aug 2022 17:28

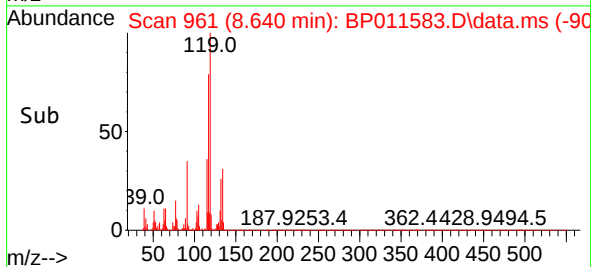
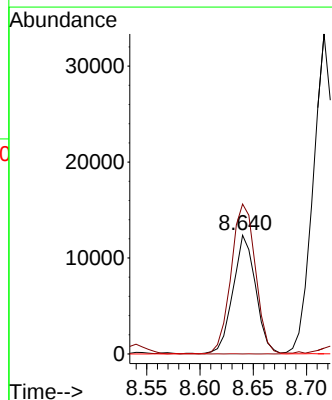
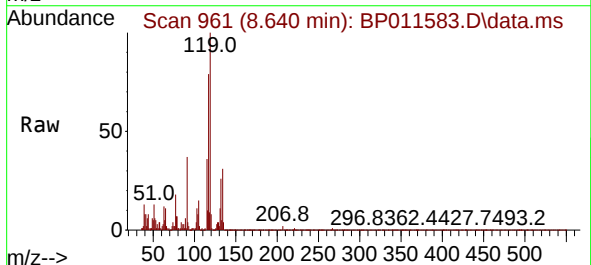
Instrument :
BNA_P
ClientSampleId :
MW-24

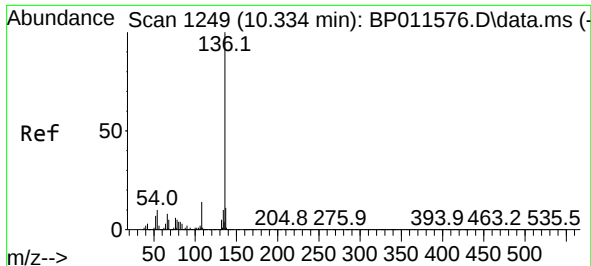
Tgt Ion: 99 Resp: 315264
Ion Ratio Lower Upper
99 100
42 23.6 20.3 30.5
71 43.8 33.9 50.9



#18
Hexachloroethane
Concen: 7.574 ng
RT: 8.640 min Scan# 961
Delta R.T. 0.030 min
Lab File: BP011583.D
Acq: 26 Aug 2022 17:28

Tgt Ion: 117 Resp: 18322
Ion Ratio Lower Upper
117 100
119 126.4 75.6 113.4#
201 0.0 80.9 121.3#

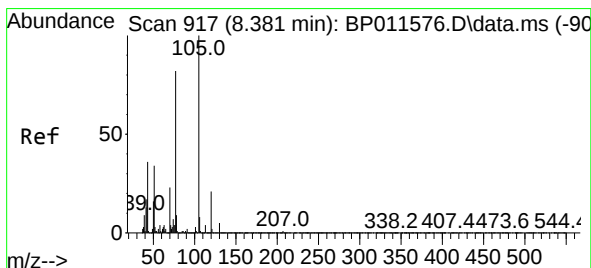
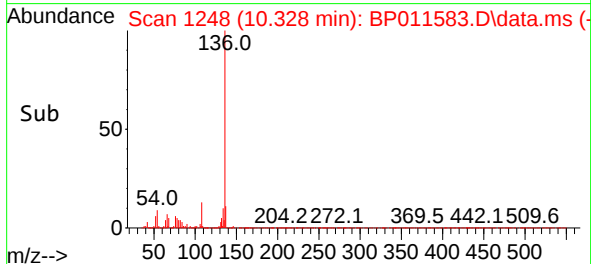
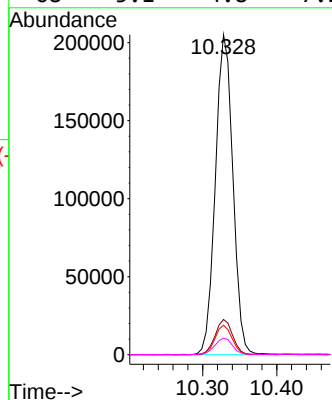
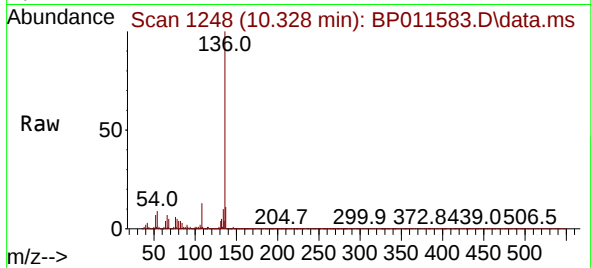




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.328 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011583.D
Acq: 26 Aug 2022 17:28

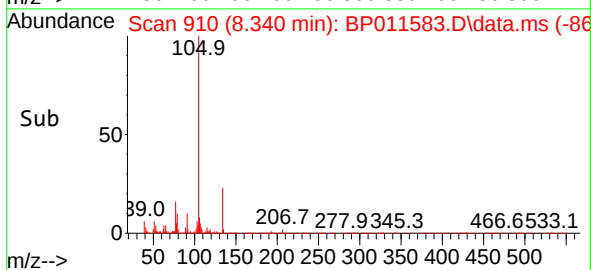
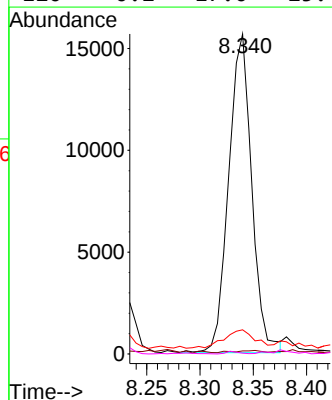
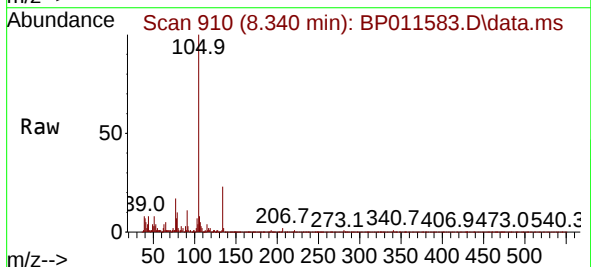
Instrument :
BNA_P
ClientSampleId :
MW-24

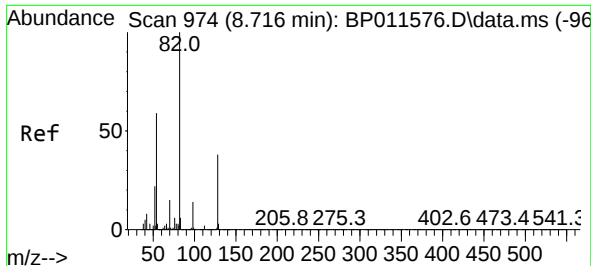
Tgt Ion:136	Resp:	336842
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.0 13.4
54	9.2	8.7 13.1
68	5.1	4.8 7.2



#22
Acetophenone
Concen: 2.571 ng
RT: 8.340 min Scan# 910
Delta R.T. -0.041 min
Lab File: BP011583.D
Acq: 26 Aug 2022 17:28

Tgt Ion:105	Resp:	23578
Ion Ratio	Lower	Upper
105	100	
71	1.0	3.4 5.0#
51	7.5	29.5 44.3#
120	0.2	17.0 25.4#





#23

Nitrobenzene-d5

Concen: 95.272 ng

RT: 8.711 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP011583.D

Acq: 26 Aug 2022 17:28

Instrument :

BNA_P

ClientSampleId :

MW-24

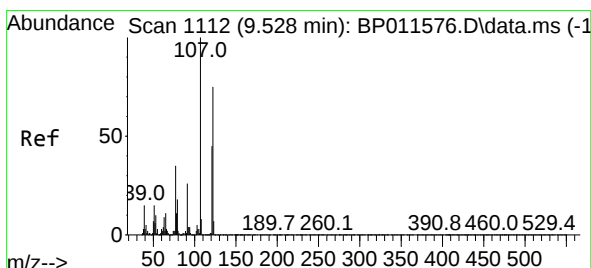
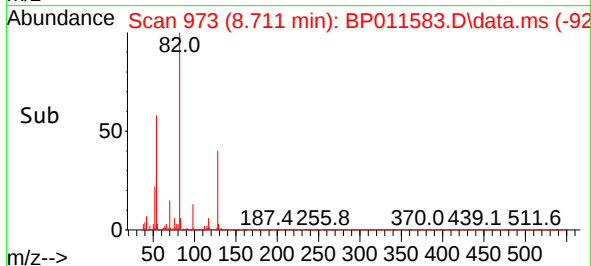
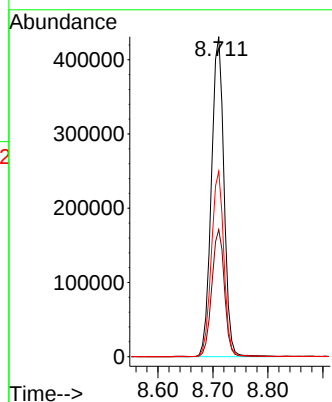
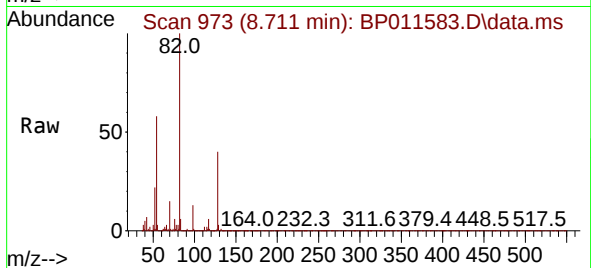
Tgt Ion: 82 Resp: 686371

Ion Ratio Lower Upper

82 100

128 39.7 31.3 46.9

54 57.9 49.8 74.8



#27

2,4-Dimethylphenol

Concen: 2.391 ng

RT: 9.610 min Scan# 1126

Delta R.T. 0.082 min

Lab File: BP011583.D

Acq: 26 Aug 2022 17:28

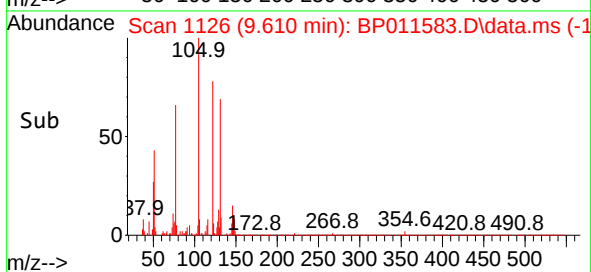
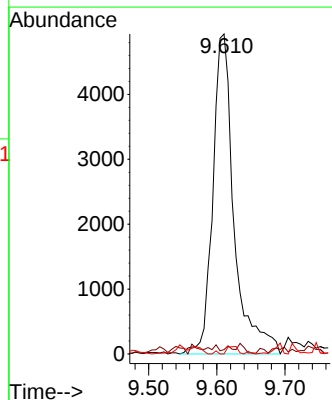
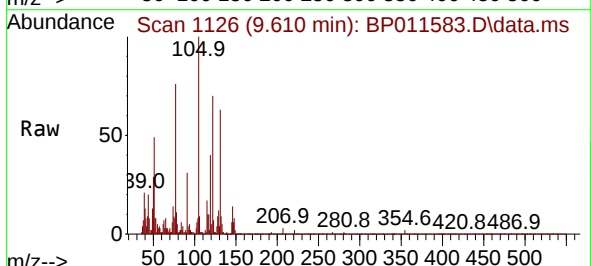
Tgt Ion:122 Resp: 10713

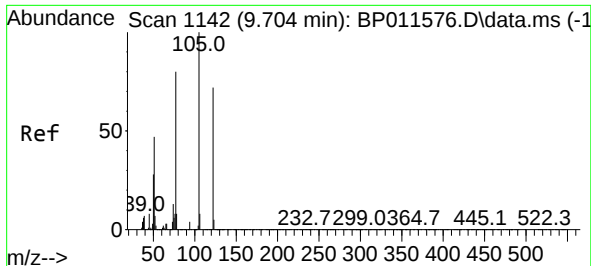
Ion Ratio Lower Upper

122 100

107 1.4 103.5 155.3#

121 0.0 47.5 71.3#

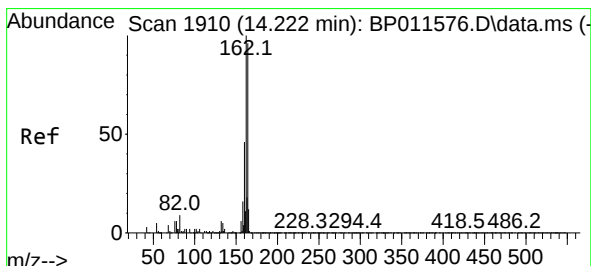
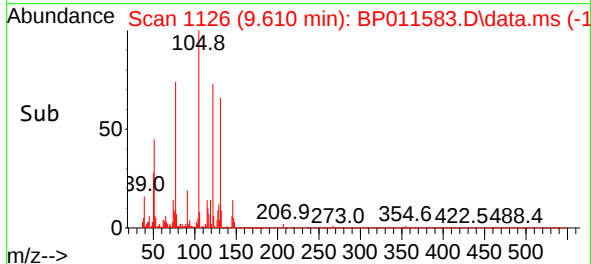
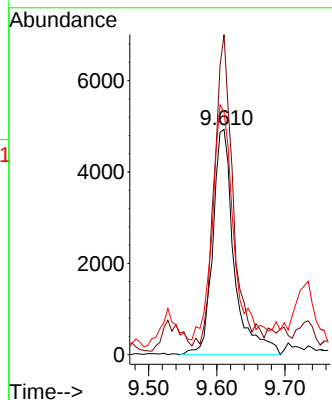
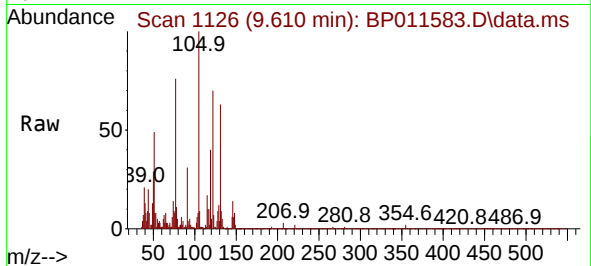




#32
Benzoic acid
Concen: 2.640 ng
RT: 9.610 min Scan# 1142
Delta R.T. -0.094 min
Lab File: BP011583.D
Acq: 26 Aug 2022 17:28

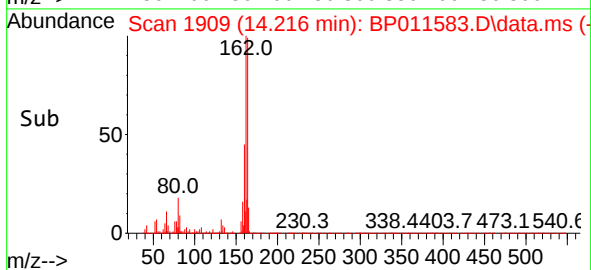
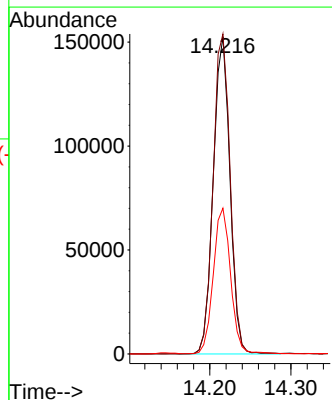
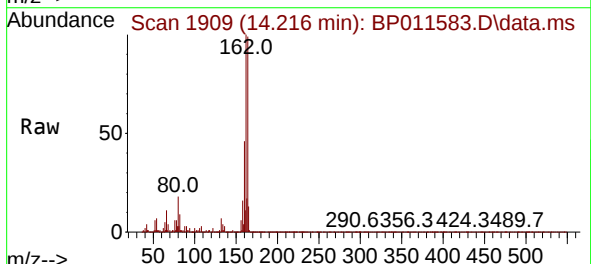
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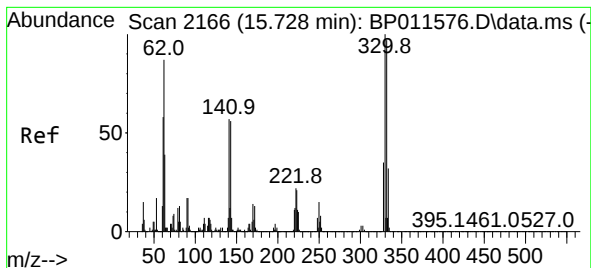
Tgt Ion:122 Resp: 10713
Ion Ratio Lower Upper
122 100
105 142.1 112.6 152.6
77 107.8 90.2 130.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.216 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP011583.D
Acq: 26 Aug 2022 17:28

Tgt Ion:164 Resp: 217117
Ion Ratio Lower Upper
164 100
162 100.8 81.9 122.9
160 45.9 34.6 51.8





#42

2,4,6-Tribromophenol

Concen: 175.721 ng

RT: 15.722 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011583.D

Acq: 26 Aug 2022 17:28

Instrument :

BNA_P

ClientSampleId :

MW-24

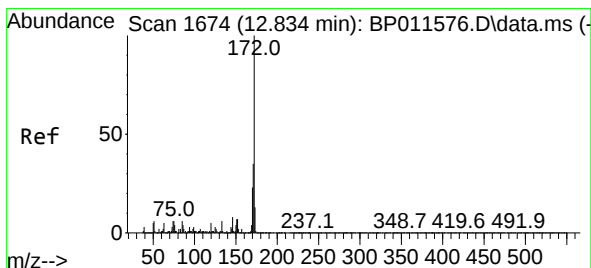
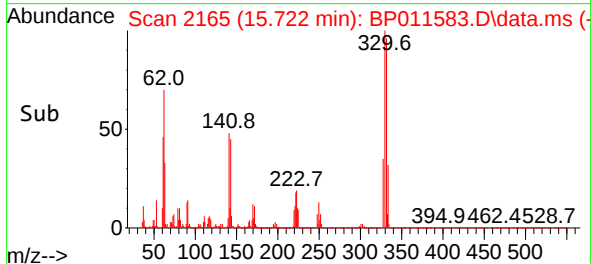
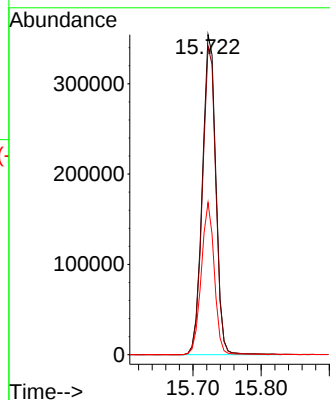
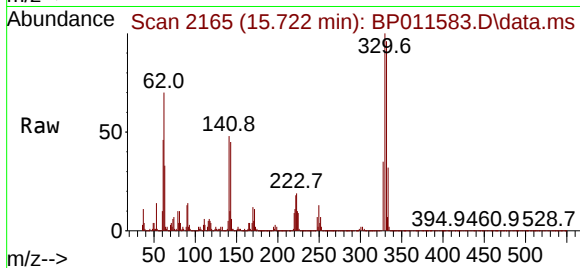
Tgt Ion:330 Resp: 488650

Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

141 46.0 31.4 47.2



#45

2-Fluorobiphenyl

Concen: 99.674 ng

RT: 12.828 min Scan# 1673

Delta R.T. -0.006 min

Lab File: BP011583.D

Acq: 26 Aug 2022 17:28

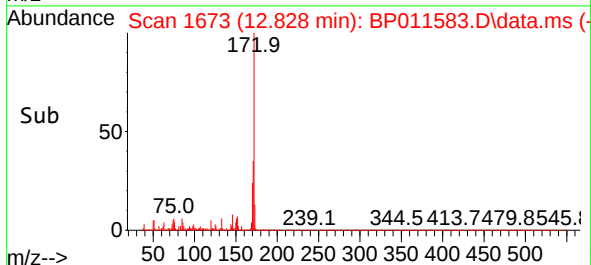
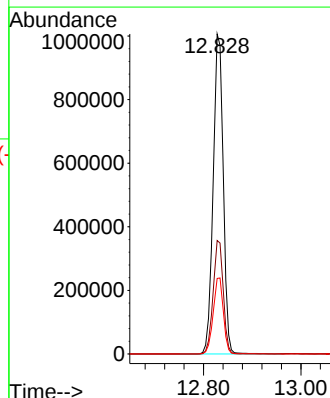
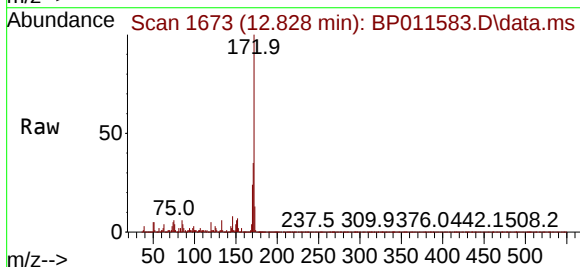
Tgt Ion:172 Resp: 1438823

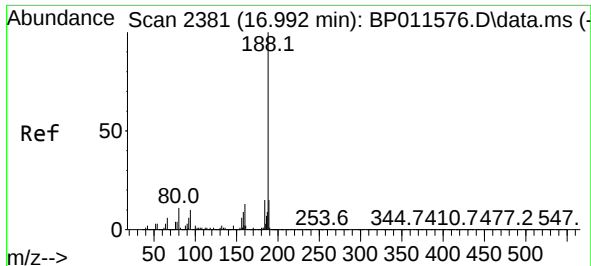
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 23.6 18.2 27.2

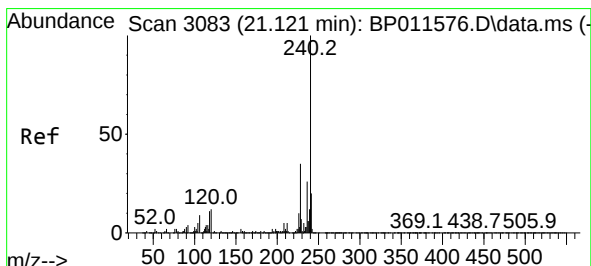
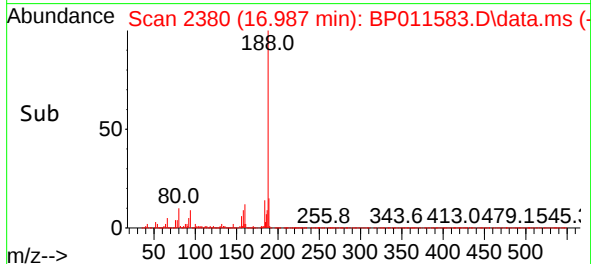
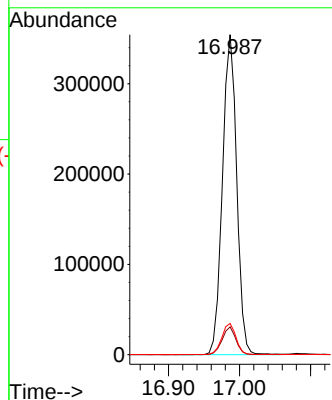
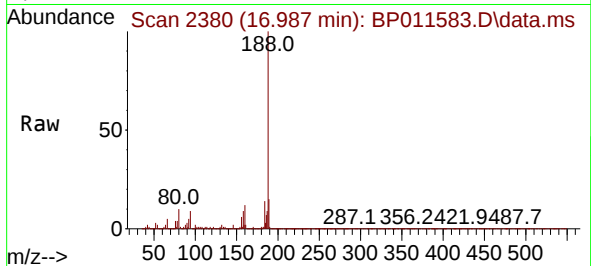




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.987 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011583.D
Acq: 26 Aug 2022 17:28

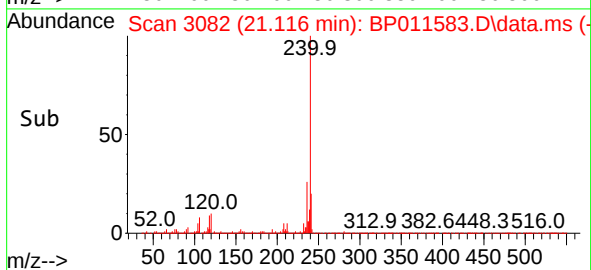
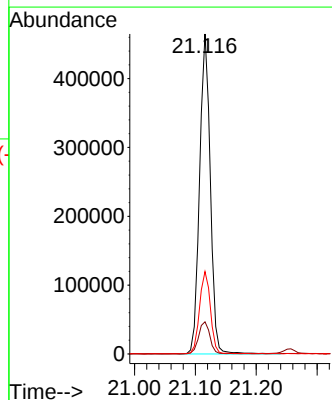
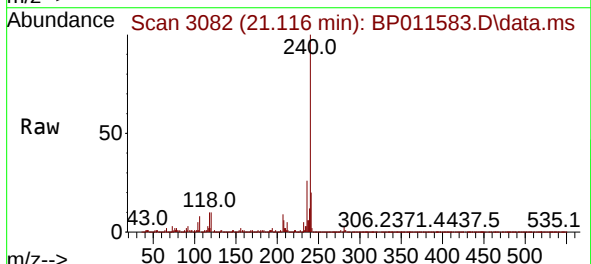
Instrument :
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MW-24

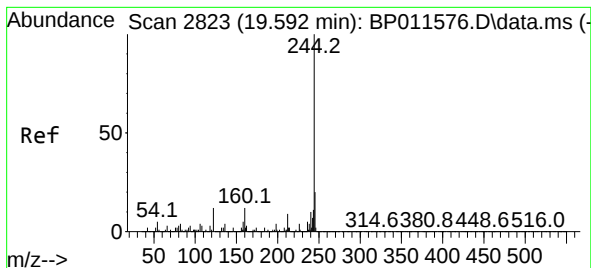
Tgt Ion:188 Resp: 490358
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.116 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP011583.D
Acq: 26 Aug 2022 17:28

Tgt Ion:240 Resp: 566130
Ion Ratio Lower Upper
240 100
120 10.1 8.6 12.8
236 25.8 19.8 29.6





#79

Terphenyl-d14

Concen: 100.785 ng

RT: 19.592 min Scan# 2823

Delta R.T. 0.000 min

Lab File: BP011583.D

Acq: 26 Aug 2022 17:28

Instrument :

BNA_P

ClientSampleId :

MW-24

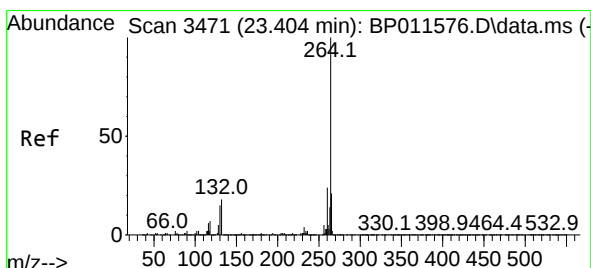
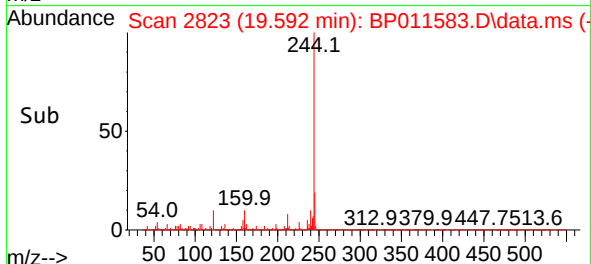
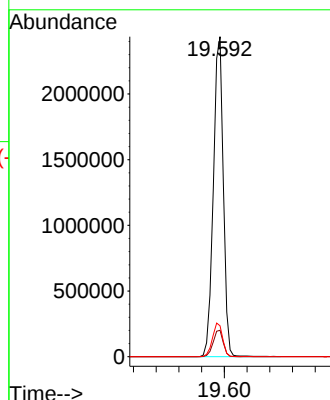
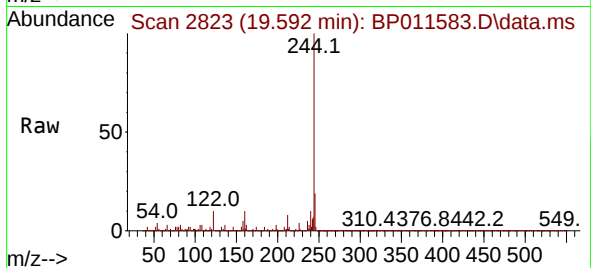
Tgt Ion:244 Resp: 2939373

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

122 9.7 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.404 min Scan# 3471

Delta R.T. 0.000 min

Lab File: BP011583.D

Acq: 26 Aug 2022 17:28

Tgt Ion:264 Resp: 646695

Ion Ratio Lower Upper

264 100

260 24.5 19.3 28.9

265 22.5 18.0 27.0

