

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100421\
 Data File : BP007304.D
 Acq On : 04 Oct 2021 14:39
 Operator : CG/JU
 Sample : M4035-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 205

Quant Time: Oct 04 16:31:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 01 12:49:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	177939	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	663524	20.000	ng	# 0.00
39) Acenaphthene-d10	14.498	164	394001	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	813659	20.000	ng	# 0.00
76) Chrysene-d12	21.339	240	916560	20.000	ng	# 0.00
86) Perylene-d12	23.745	264	1021775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1182581	111.250	ng	0.00
7) Phenol-d6	7.046	99	1395830	96.075	ng	0.00
23) Nitrobenzene-d5	9.028	82	825493	72.452	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	534579	104.655	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1770471	64.376	ng	0.00
79) Terphenyl-d14	19.810	244	2691631	56.274	ng	0.00

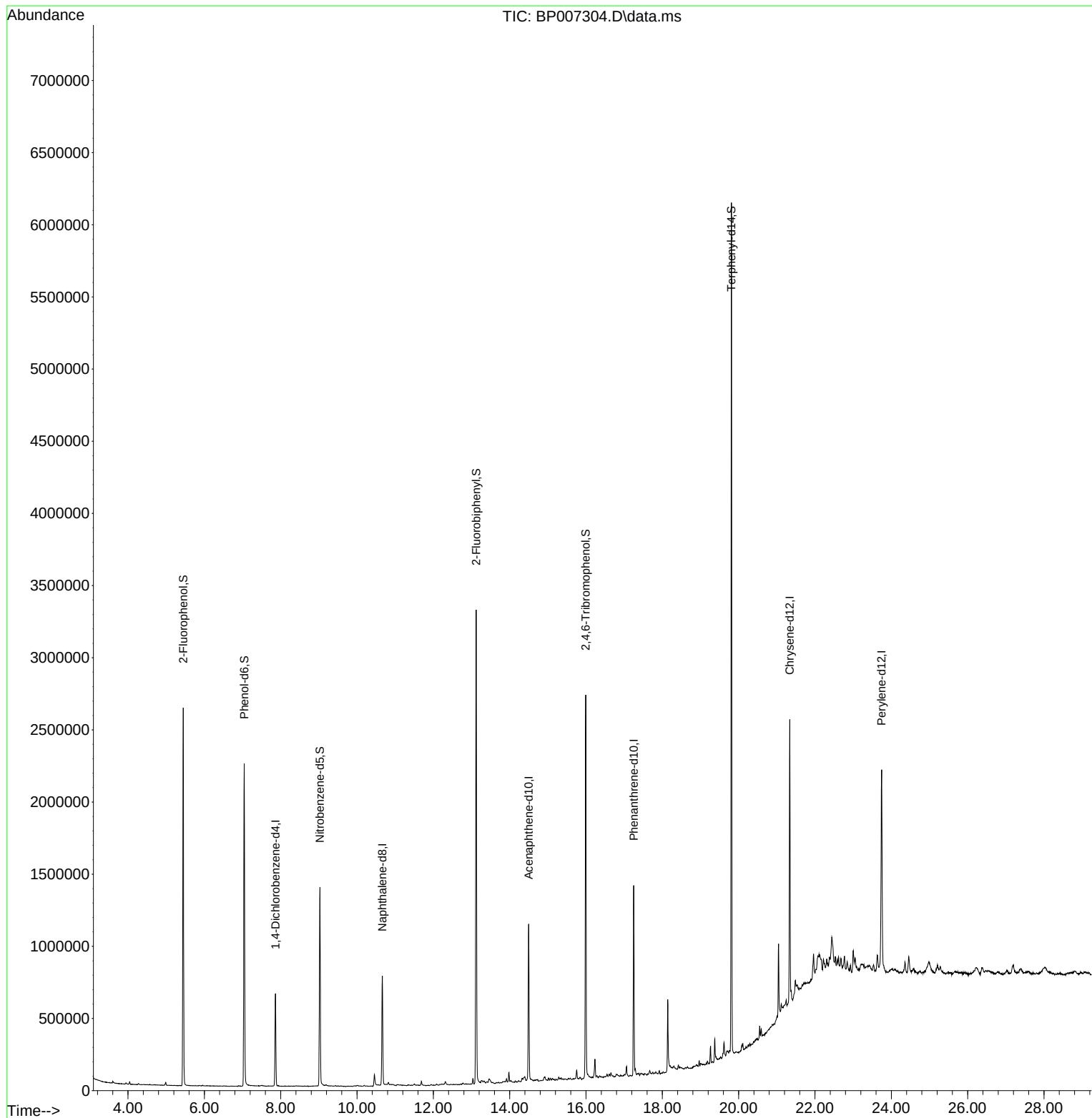
Target Compounds	Qvalue

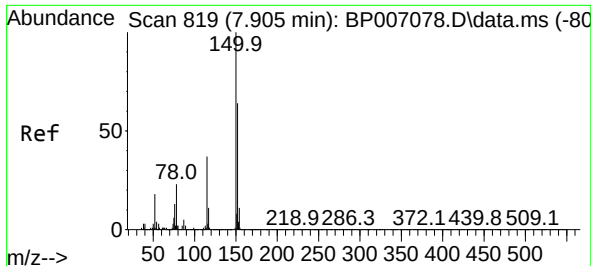
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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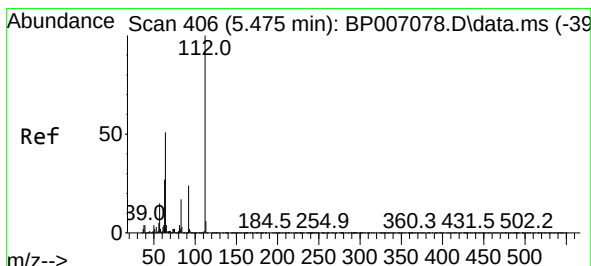
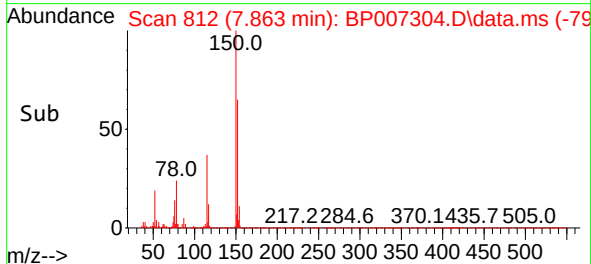
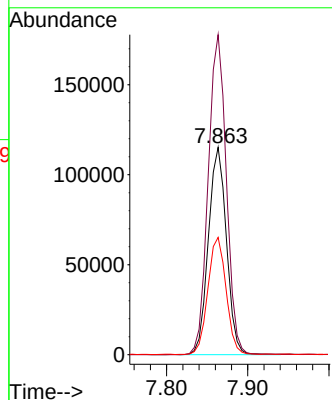
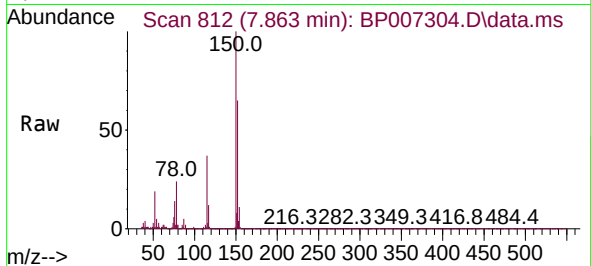




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP007304.D
Acq: 04 Oct 2021 14:39

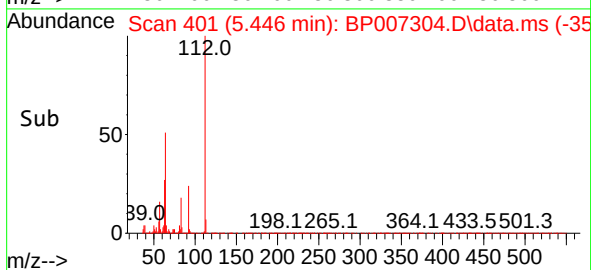
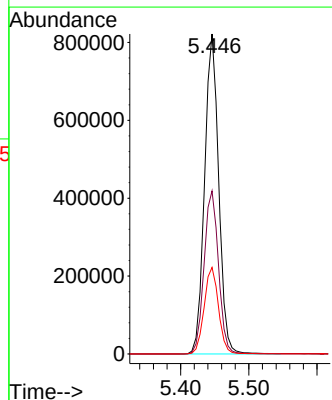
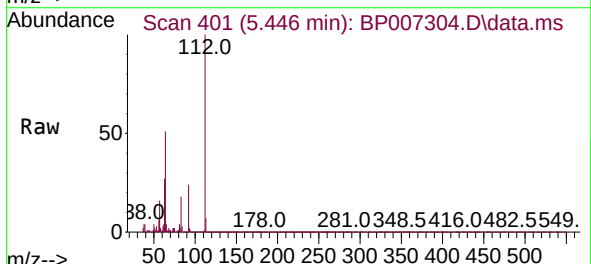
Instrument :
BNA_P
ClientSampleId :
205

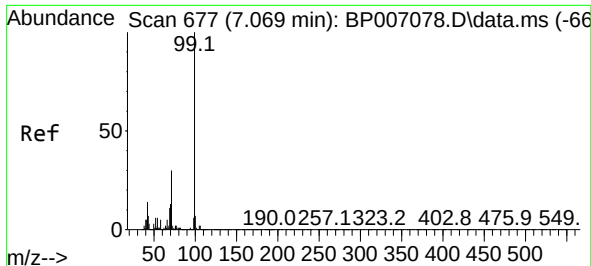
Tgt Ion:152 Resp: 177939
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 56.5 48.5 72.7



#5
2-Fluorophenol
Concen: 111.250 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP007304.D
Acq: 04 Oct 2021 14:39

Tgt Ion:112 Resp: 1182581
Ion Ratio Lower Upper
112 100
64 51.0 41.4 62.2
63 27.0 23.8 35.8

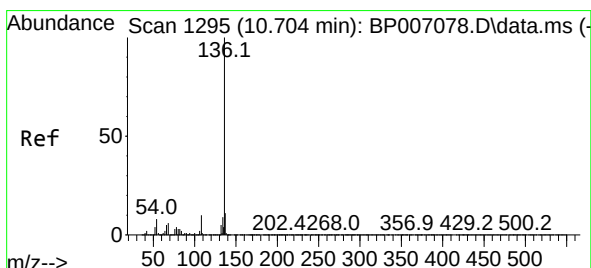
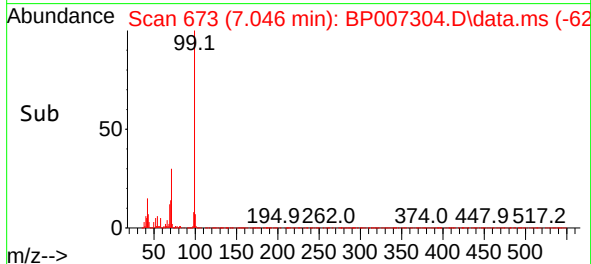
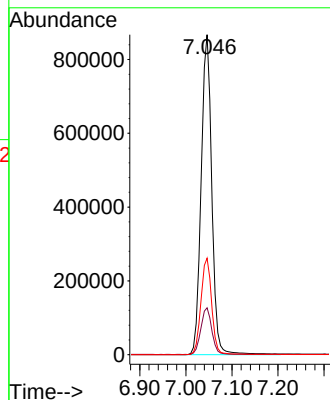
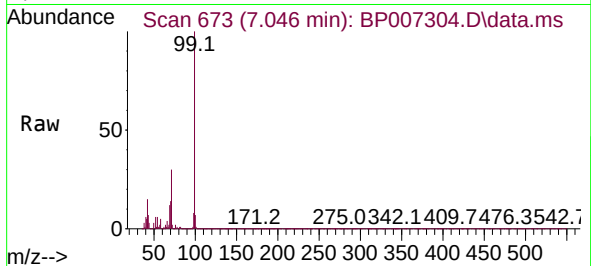




#7
Phenol-d6
Concen: 96.075 ng
RT: 7.046 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP007304.D
Acq: 04 Oct 2021 14:39

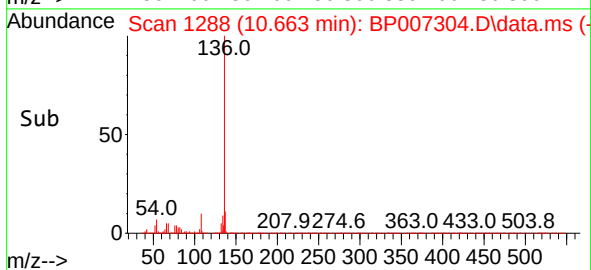
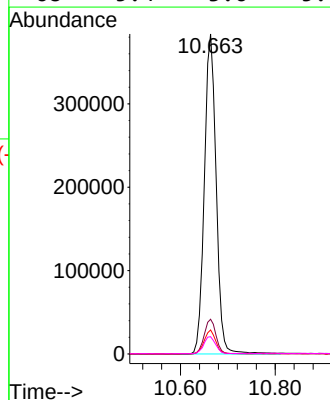
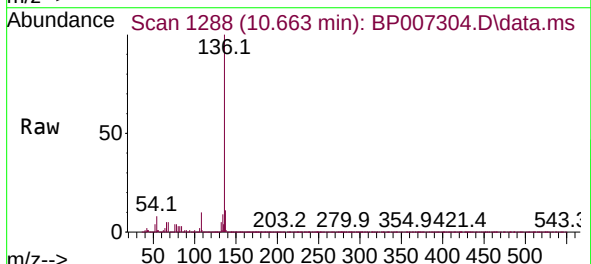
Instrument :
BNA_P
ClientSampleId :
205

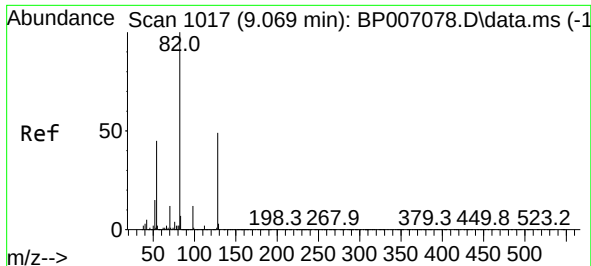
Tgt Ion: 99 Resp: 1395830
Ion Ratio Lower Upper
99 100
42 14.7 13.4 20.0
71 30.2 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.000 min
Lab File: BP007304.D
Acq: 04 Oct 2021 14:39

Tgt Ion: 136 Resp: 663524
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.5 4.6 6.8#
68 5.4 3.6 5.4





#23

Nitrobenzene-d5

Concen: 72.452 ng

RT: 9.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BP007304.D

Acq: 04 Oct 2021 14:39

Instrument :

BNA_P

ClientSampleId :

205

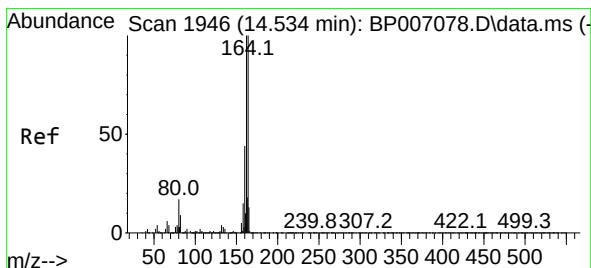
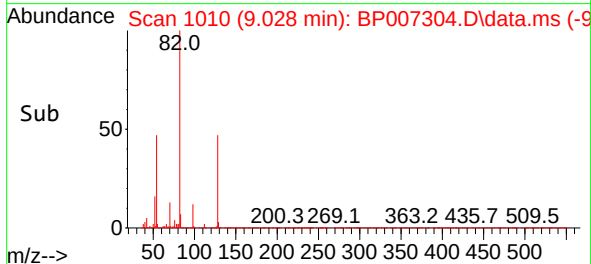
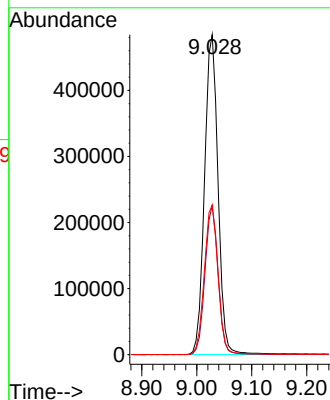
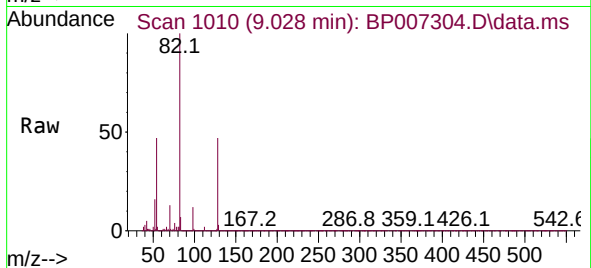
Tgt Ion: 82 Resp: 825493

Ion Ratio Lower Upper

82 100

128 46.6 35.7 53.5

54 46.7 35.0 52.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.498 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BP007304.D

Acq: 04 Oct 2021 14:39

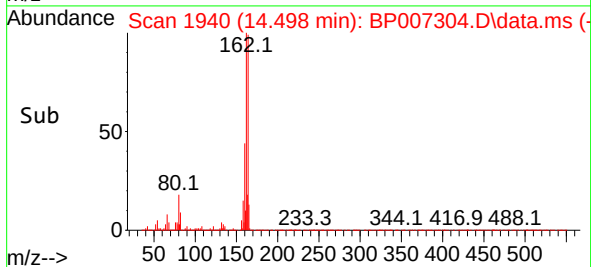
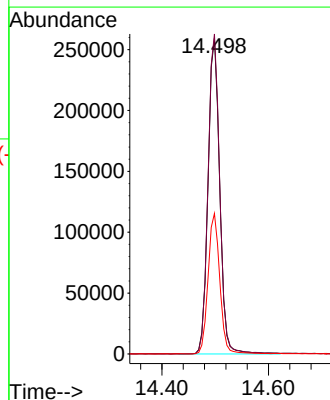
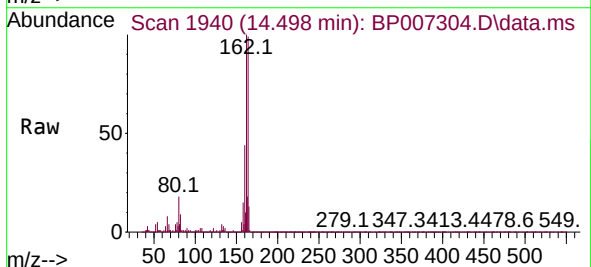
Tgt Ion:164 Resp: 394001

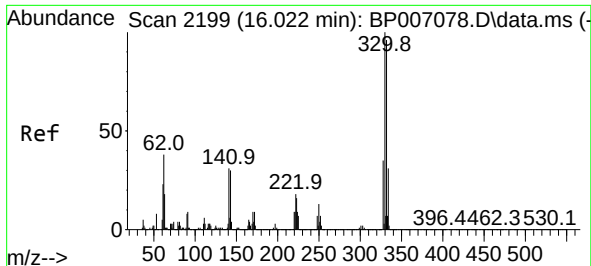
Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

160 44.5 34.5 51.7

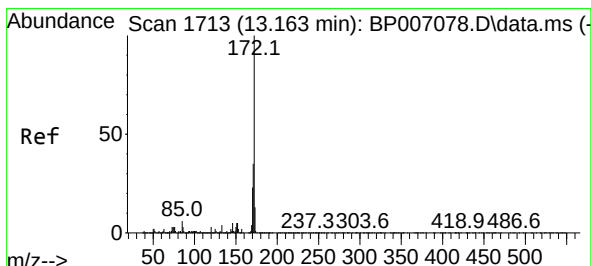
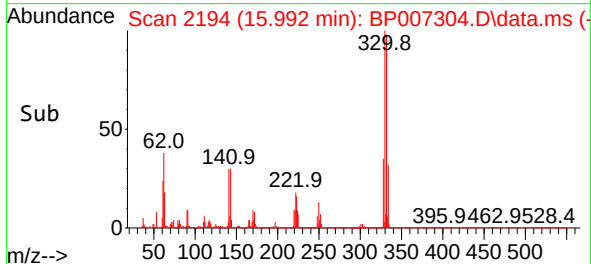
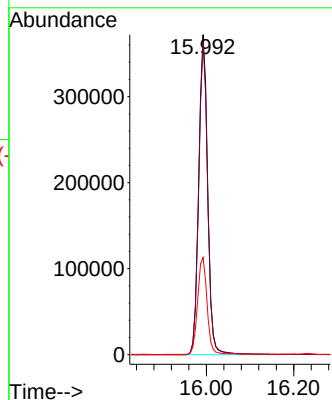
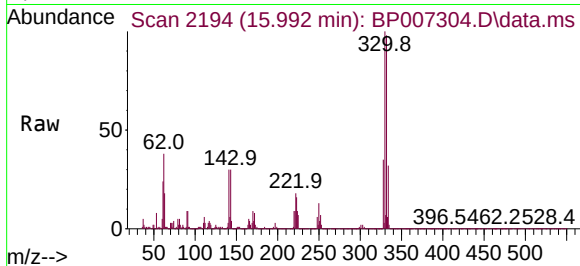




#42
2,4,6-Tribromophenol
Concen: 104.655 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.006 min
Lab File: BP007304.D
Acq: 04 Oct 2021 14:39

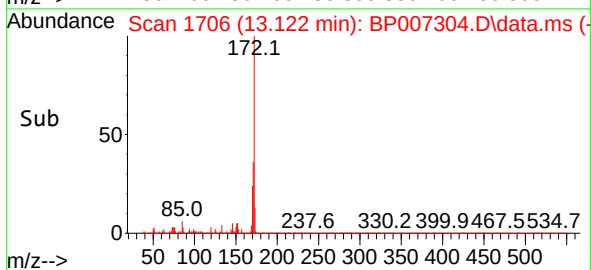
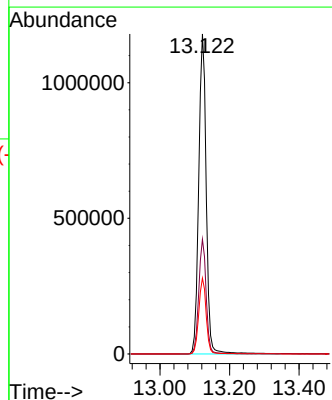
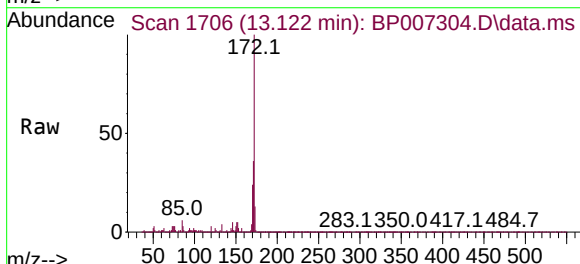
Instrument :
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205

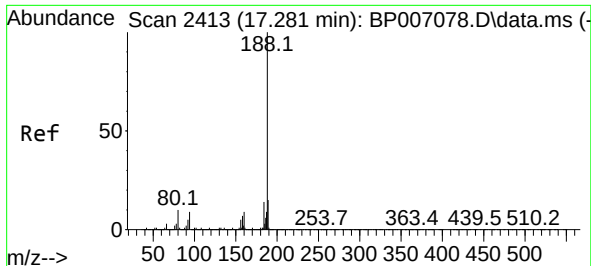
Tgt Ion:330 Resp: 534579
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 31.8 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 64.376 ng
RT: 13.122 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BP007304.D
Acq: 04 Oct 2021 14:39

Tgt Ion:172 Resp: 1770471
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.7 18.6 27.8

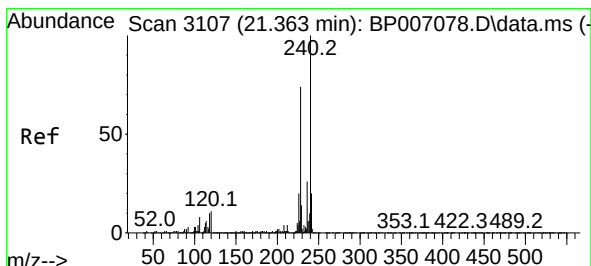
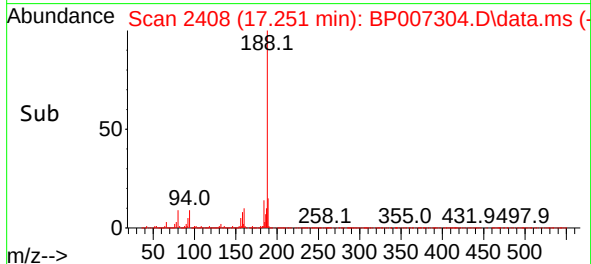
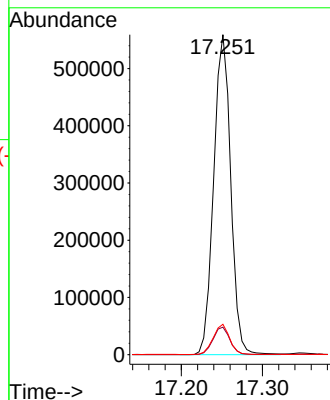
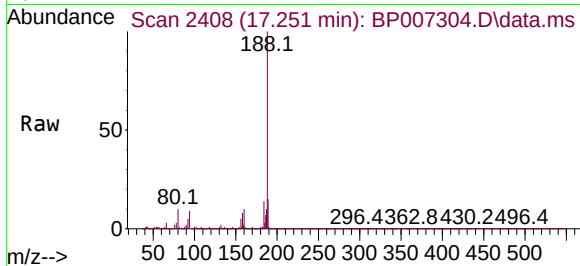




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BP007304.D
Acq: 04 Oct 2021 14:39

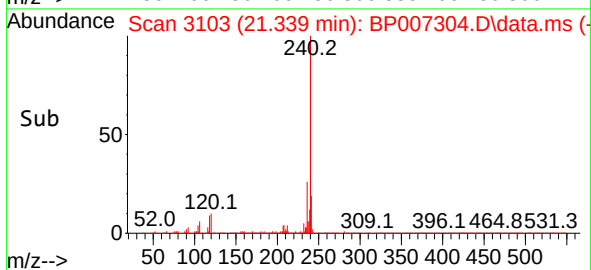
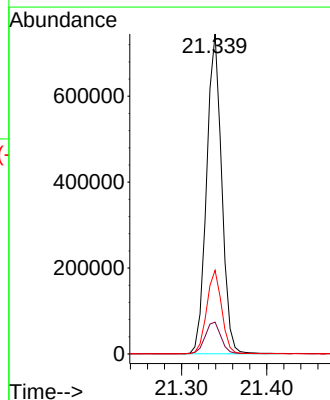
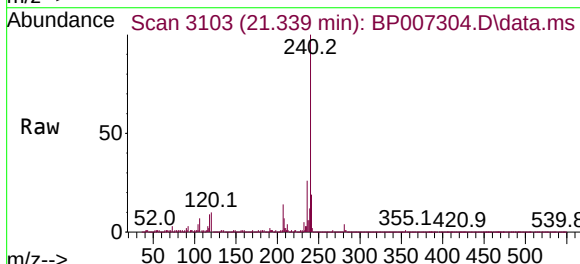
Instrument :
BNA_P
ClientSampleId :
205

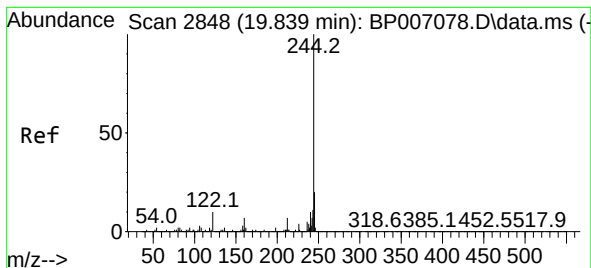
Tgt Ion:188 Resp: 813659
Ion Ratio Lower Upper
188 100
94 8.6 5.6 8.4#
80 9.5 6.3 9.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP007304.D
Acq: 04 Oct 2021 14:39

Tgt Ion:240 Resp: 916560
Ion Ratio Lower Upper
240 100
120 9.9 6.5 9.7#
236 26.1 20.6 31.0





#79

Terphenyl-d14

Concen: 56.274 ng

RT: 19.810 min Scan# 2843

Delta R.T. 0.000 min

Lab File: BP007304.D

Acq: 04 Oct 2021 14:39

Instrument :

BNA_P

ClientSampleId :

205

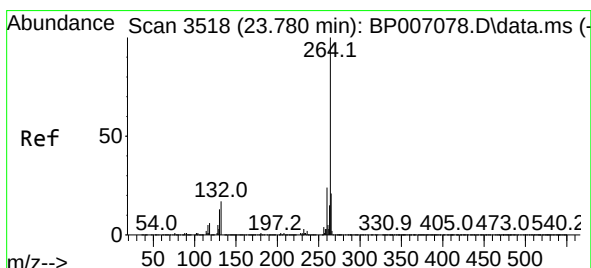
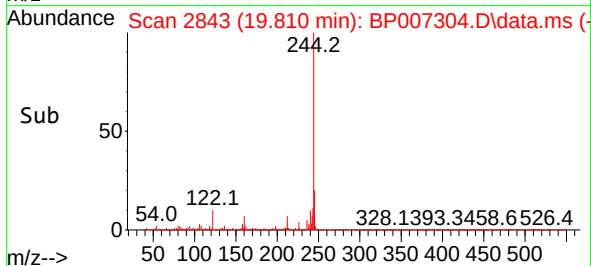
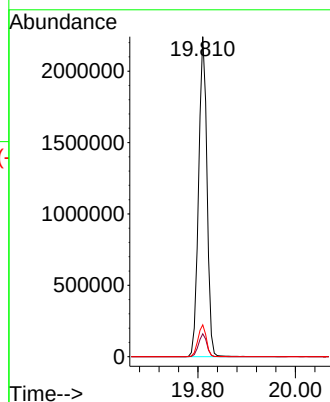
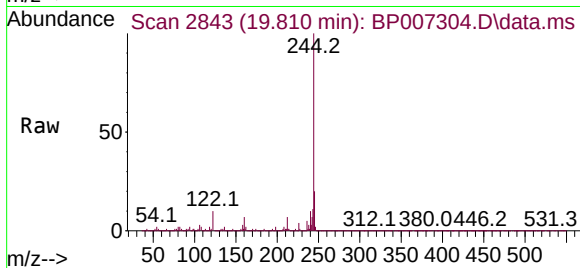
Tgt Ion:244 Resp: 2691631

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.0 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 3512

Delta R.T. 0.000 min

Lab File: BP007304.D

Acq: 04 Oct 2021 14:39

Tgt Ion:264 Resp: 1021775

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 22.2 17.6 26.4

