

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061522\
 Data File : BP010731.D
 Acq On : 15 Jun 2022 16:05
 Operator : CG/JU
 Sample : PB145556BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145556BL

Quant Time: Jun 16 00:02:40 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)

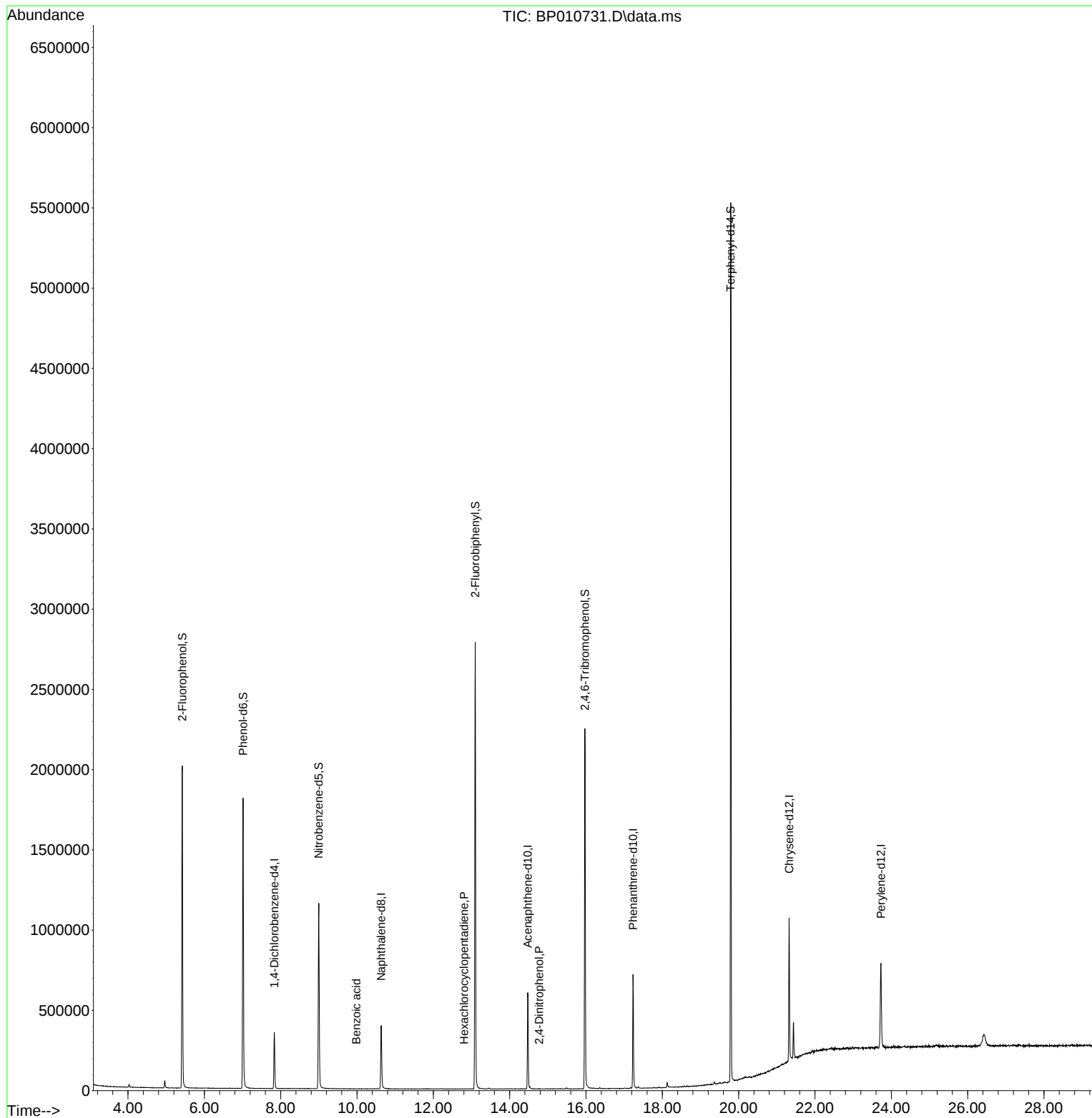
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	87791	20.000	ng	0.00
21) Naphthalene-d8	10.634	136	320435	20.000	ng	0.00
39) Acenaphthene-d10	14.475	164	204895	20.000	ng	0.00
64) Phenanthrene-d10	17.233	188	429942	20.000	ng	0.01
76) Chrysene-d12	21.321	240	441436	20.000	ng	# 0.00
86) Perylene-d12	23.727	264	447636	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	729651	143.443	ng	0.00
7) Phenol-d6	7.016	99	918679	132.059	ng	0.00
23) Nitrobenzene-d5	8.998	82	636357	93.522	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	433910	155.513	ng	0.01
45) 2-Fluorobiphenyl	13.098	172	1358613	95.388	ng	0.00
79) Terphenyl-d14	19.792	244	2429421	102.909	ng	0.00
Target Compounds						
32) Benzoic acid	9.981	122	11	6.084	ng	# 1
41) Hexachlorocyclopentadiene	12.804	237	18	6.200	ng	78
54) 2,4-Dinitrophenol	14.775	184	8	5.318	ng	96

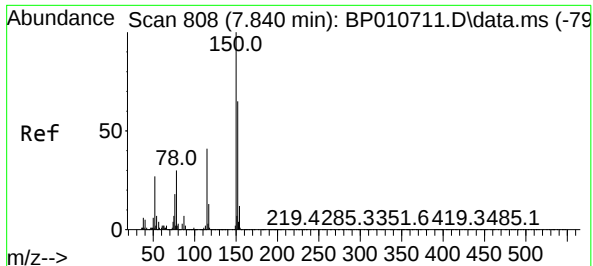
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
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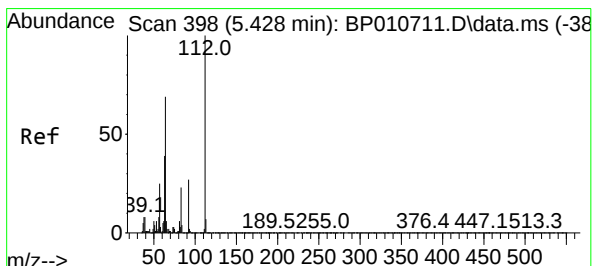
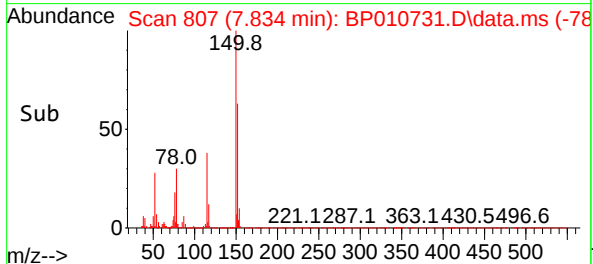
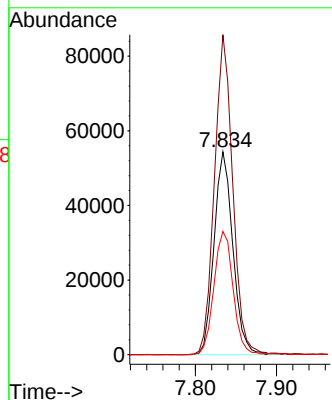
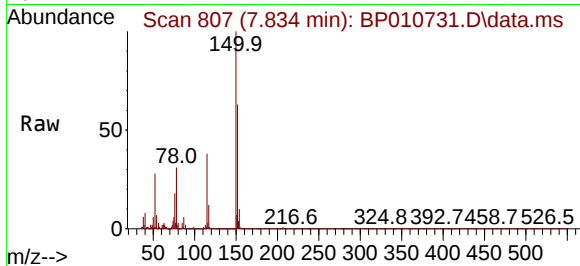




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP010731.D
Acq: 15 Jun 2022 16:05

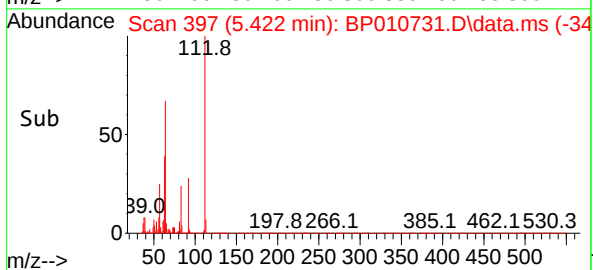
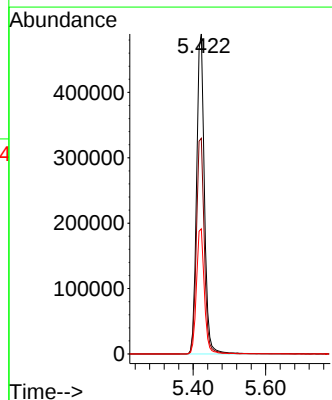
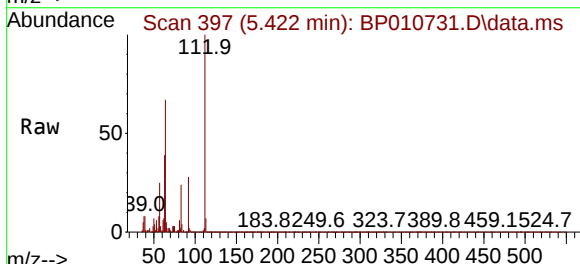
Instrument :
BNA_P
ClientSampleId :
PB145556BL

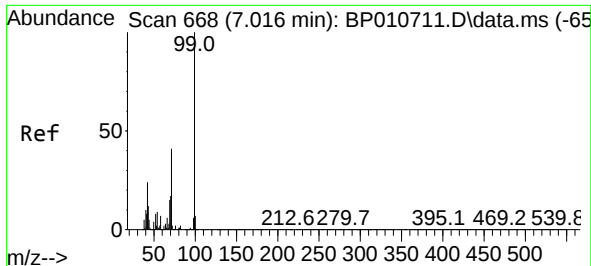
Tgt Ion:152 Resp: 87791
Ion Ratio Lower Upper
152 100
150 157.7 123.4 185.2
115 60.7 51.3 76.9



#5
2-Fluorophenol
Concen: 143.443 ng
RT: 5.422 min Scan# 397
Delta R.T. 0.006 min
Lab File: BP010731.D
Acq: 15 Jun 2022 16:05

Tgt Ion:112 Resp: 729651
Ion Ratio Lower Upper
112 100
64 67.4 56.9 85.3
63 39.1 31.2 46.8

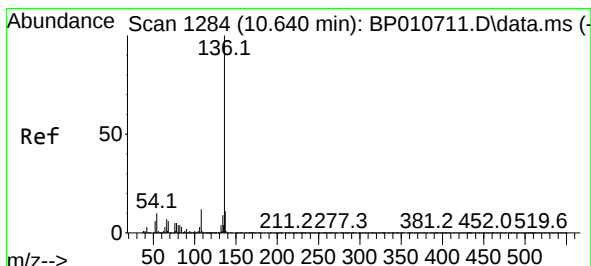
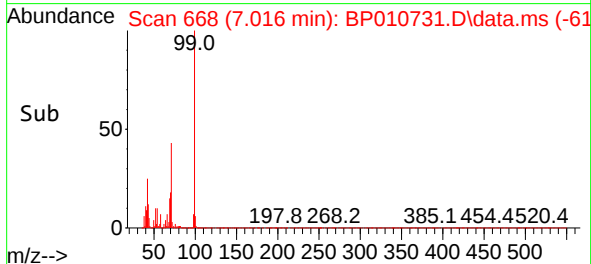
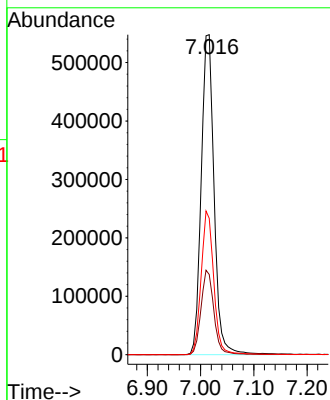
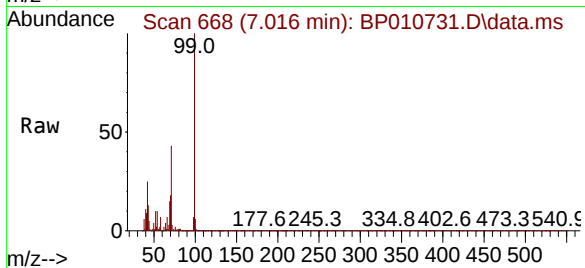




#7
Phenol-d6
Concen: 132.059 ng
RT: 7.016 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010731.D
Acq: 15 Jun 2022 16:05

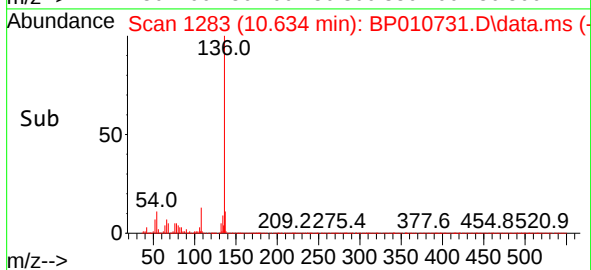
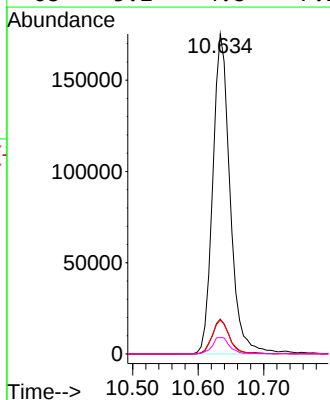
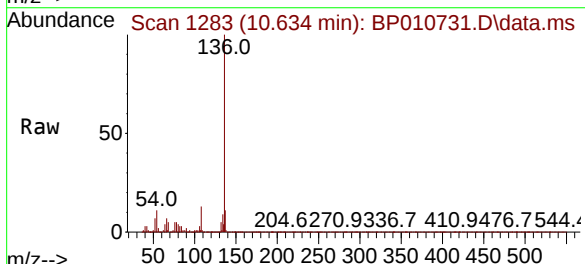
Instrument :
BNA_P
ClientSampleId :
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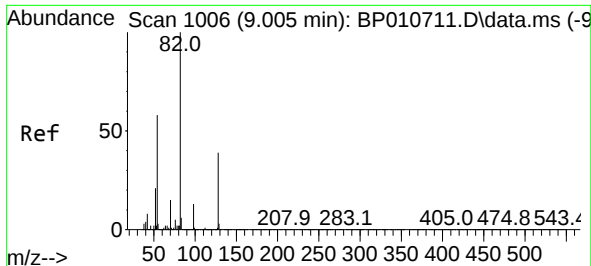
Tgt Ion: 99 Resp: 918679
Ion Ratio Lower Upper
99 100
42 25.0 20.3 30.5
71 42.6 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.634 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BP010731.D
Acq: 15 Jun 2022 16:05

Tgt Ion: 136 Resp: 320435
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.6 8.7 13.1
68 5.2 4.8 7.2

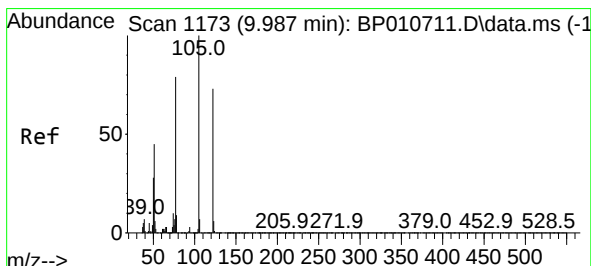
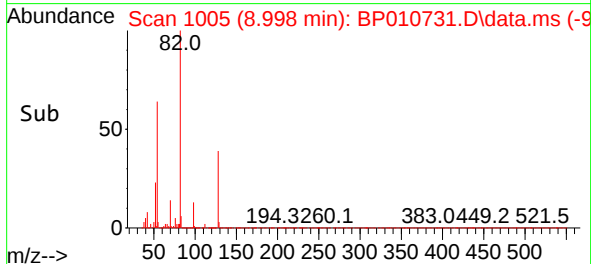
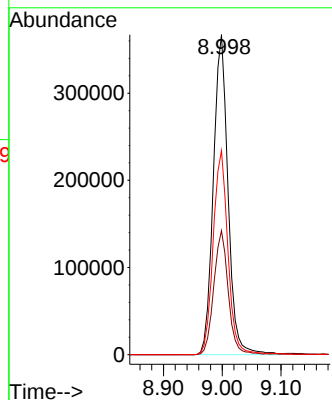
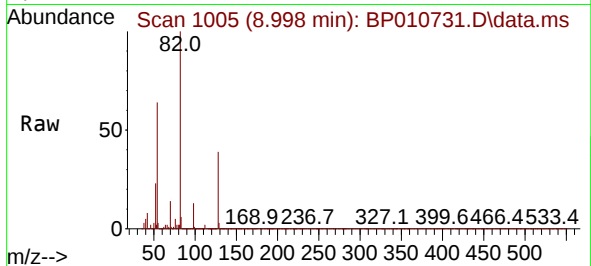




#23
Nitrobenzene-d5
Concen: 93.522 ng
RT: 8.998 min Scan# 10
Delta R.T. 0.006 min
Lab File: BP010731.D
Acq: 15 Jun 2022 16:05

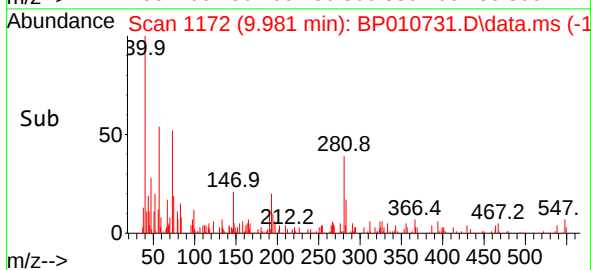
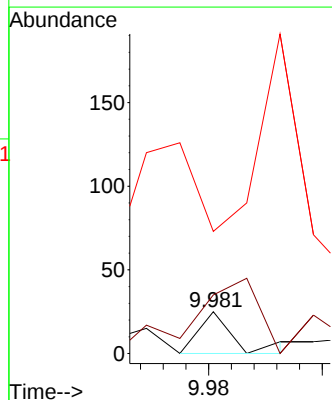
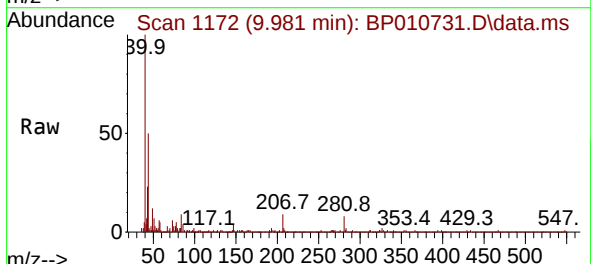
Instrument :
BNA_P
ClientSampleId :
PB145556BL

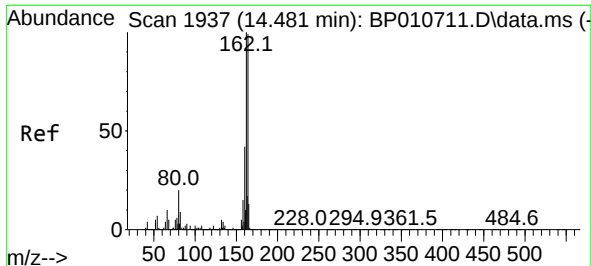
Tgt Ion: 82 Resp: 636357
Ion Ratio Lower Upper
82 100
128 38.7 31.3 46.9
54 63.7 49.8 74.8



#32
Benzoic acid
Concen: 6.084 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BP010731.D
Acq: 15 Jun 2022 16:05

Tgt Ion: 122 Resp: 11
Ion Ratio Lower Upper
122 100
105 140.0 112.6 152.6
77 872.0 90.2 130.2#

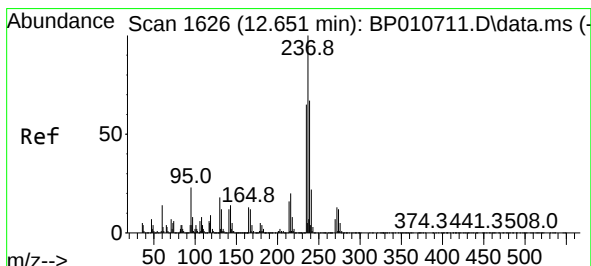
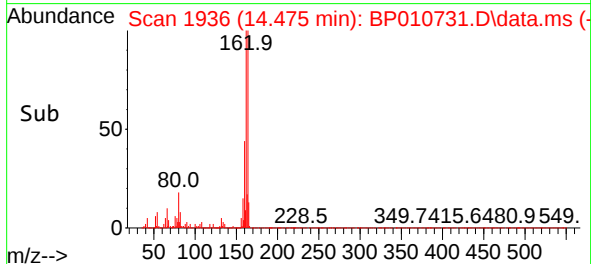
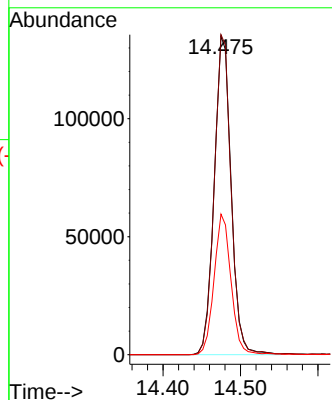
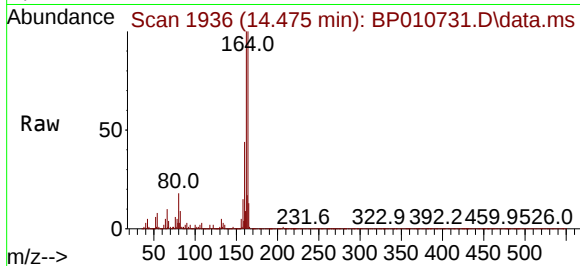




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1936
Delta R.T. 0.006 min
Lab File: BP010731.D
Acq: 15 Jun 2022 16:05

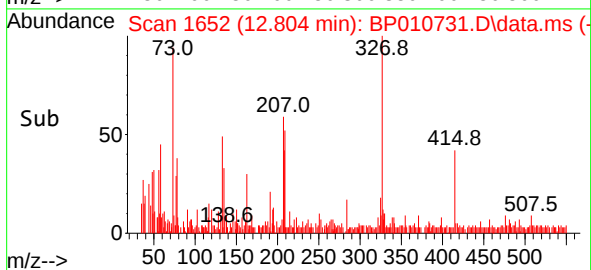
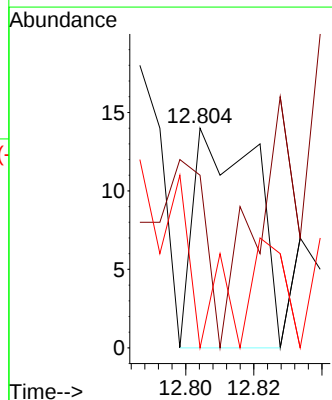
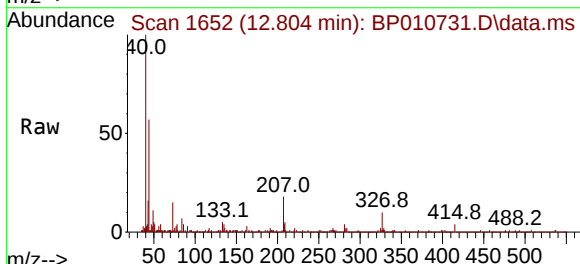
Instrument :
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ClientSampleId :
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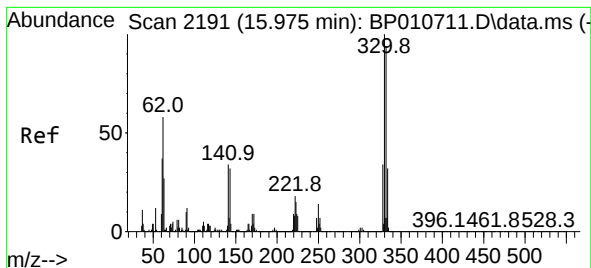
Tgt Ion:164 Resp: 204895
Ion Ratio Lower Upper
164 100
162 100.4 81.9 122.9
160 44.1 34.6 51.8



#41
Hexachlorocyclopentadiene
Concen: 6.200 ng
RT: 12.804 min Scan# 1652
Delta R.T. 0.165 min
Lab File: BP010731.D
Acq: 15 Jun 2022 16:05

Tgt Ion:237 Resp: 18
Ion Ratio Lower Upper
237 100
235 78.6 43.3 83.3
272 0.0 0.0 33.0





#42

2,4,6-Tribromophenol

Concen: 155.513 ng

RT: 15.975 min Scan# 2191

Delta R.T. 0.012 min

Lab File: BP010731.D

Acq: 15 Jun 2022 16:05

Instrument :

BNA_P

ClientSampleId :

PB145556BL

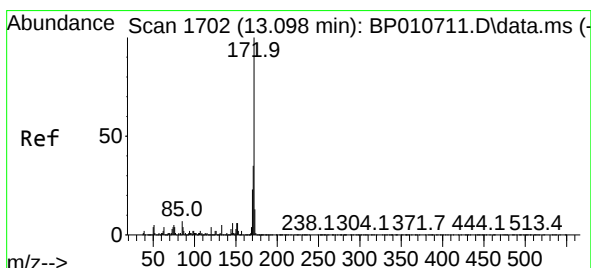
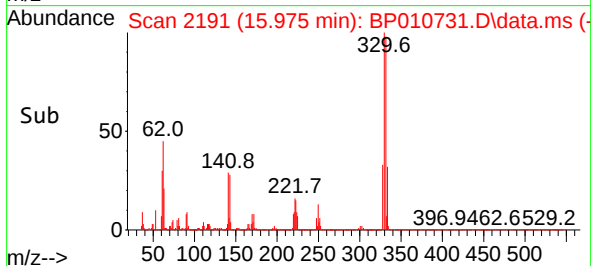
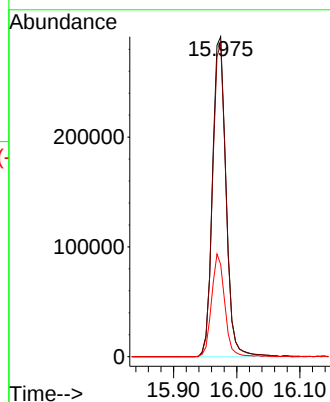
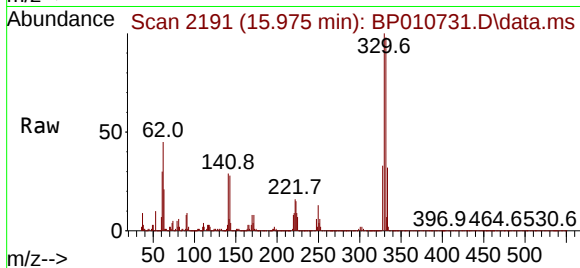
Tgt Ion:330 Resp: 433910

Ion Ratio Lower Upper

330 100

332 97.6 78.1 117.1

141 31.1 31.4 47.2#



#45

2-Fluorobiphenyl

Concen: 95.388 ng

RT: 13.098 min Scan# 1702

Delta R.T. 0.006 min

Lab File: BP010731.D

Acq: 15 Jun 2022 16:05

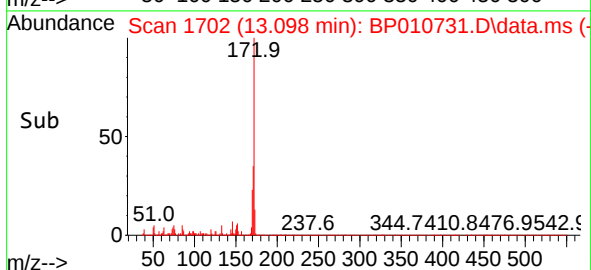
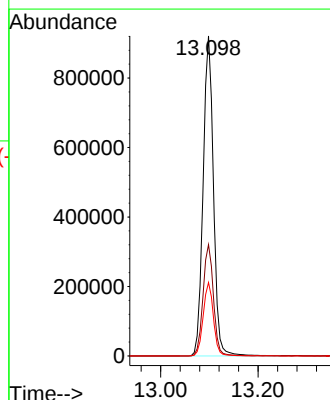
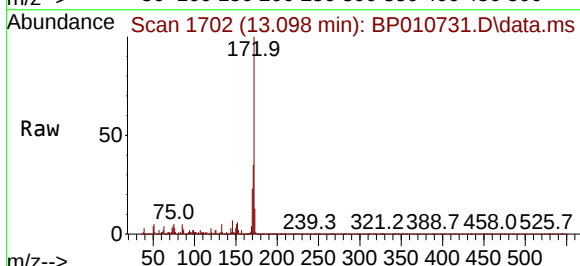
Tgt Ion:172 Resp: 1358613

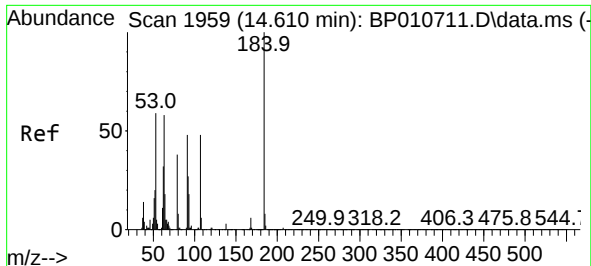
Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 22.9 18.2 27.2

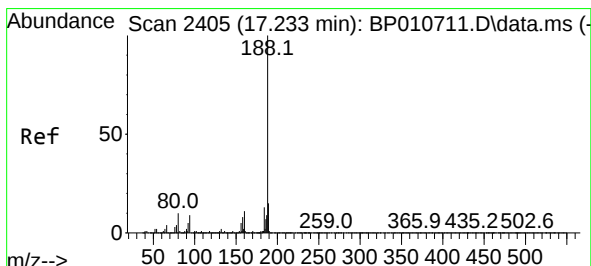
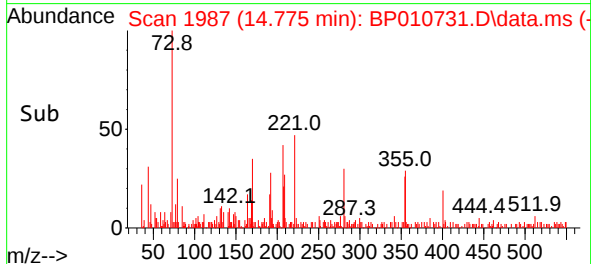
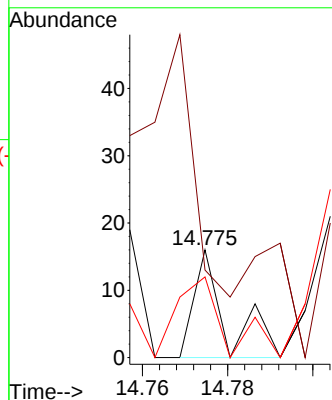
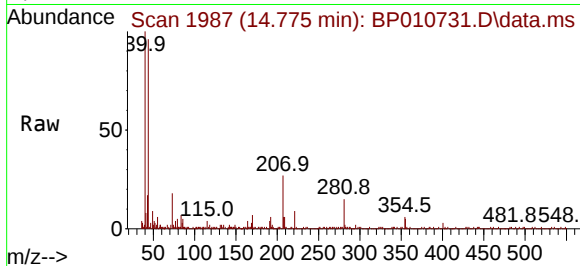




#54
2,4-Dinitrophenol
Concen: 5.318 ng
RT: 14.775 min Scan# 1959
Delta R.T. 0.176 min
Lab File: BP010731.D
Acq: 15 Jun 2022 16:05

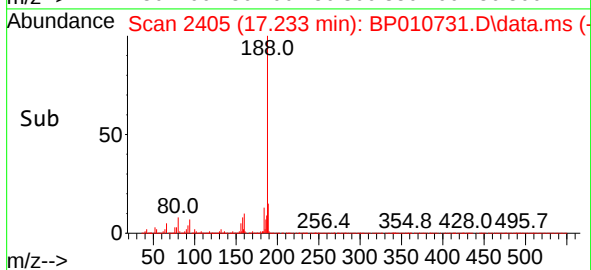
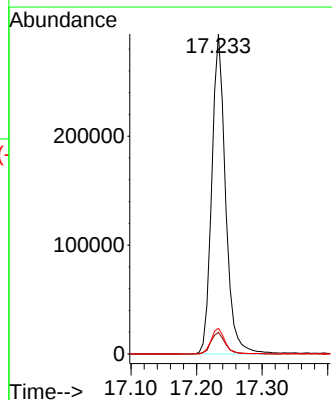
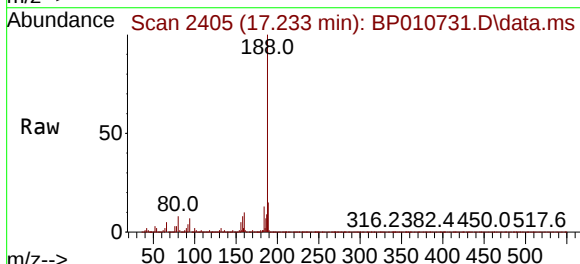
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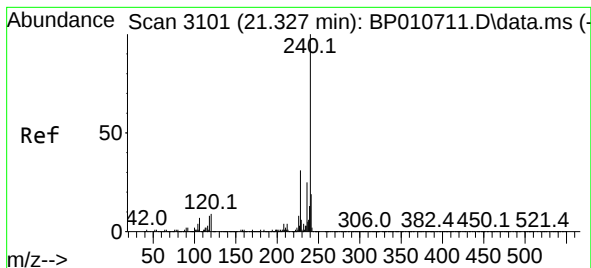
Tgt Ion:184 Resp: 8
Ion Ratio Lower Upper
184 100
63 81.3 65.4 98.2
154 75.0 55.4 83.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.012 min
Lab File: BP010731.D
Acq: 15 Jun 2022 16:05

Tgt Ion:188 Resp: 429942
Ion Ratio Lower Upper
188 100
94 6.7 6.6 10.0
80 8.0 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.321 min Scan# 3101

Delta R.T. 0.006 min

Lab File: BP010731.D

Acq: 15 Jun 2022 16:05

Instrument :

BNA_P

ClientSampleId :

PB145556BL

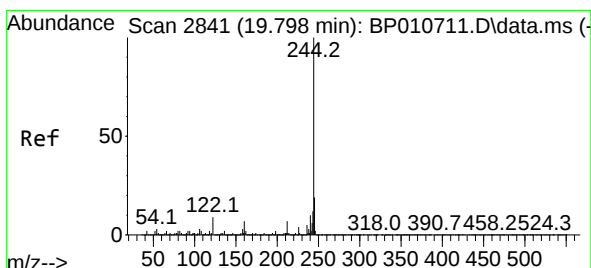
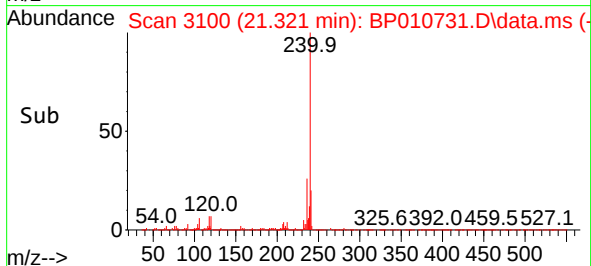
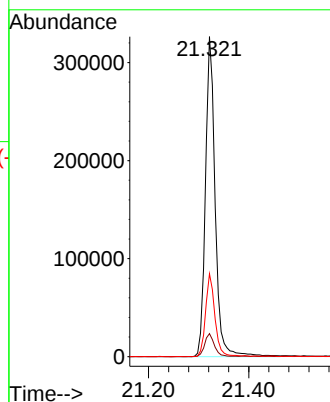
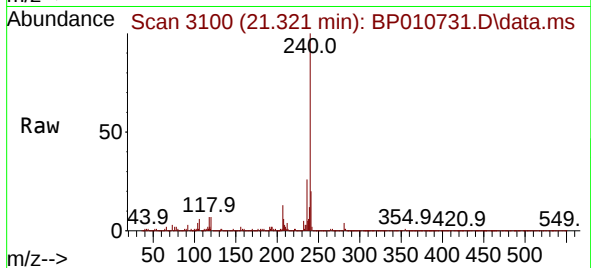
Tgt Ion:240 Resp: 441436

Ion Ratio Lower Upper

240 100

120 7.2 8.6 12.8#

236 25.9 19.8 29.6



#79

Terphenyl-d14

Concen: 102.909 ng

RT: 19.792 min Scan# 2840

Delta R.T. 0.006 min

Lab File: BP010731.D

Acq: 15 Jun 2022 16:05

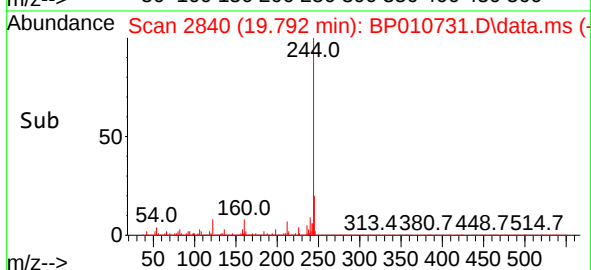
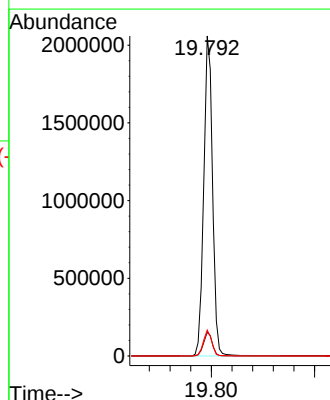
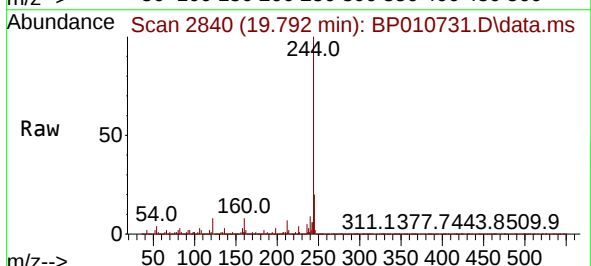
Tgt Ion:244 Resp: 2429421

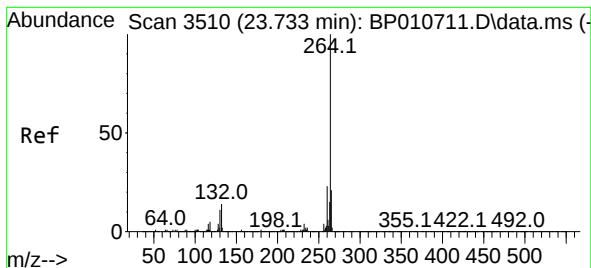
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 8.1 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.727 min Scan# 3

Delta R.T. 0.018 min

Lab File: BP010731.D

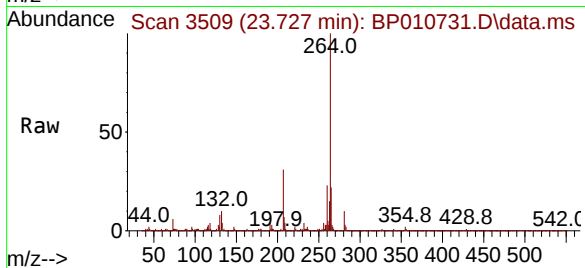
Acq: 15 Jun 2022 16:05

Instrument :

BNA_P

ClientSampleId :

PB145556BL



Tgt Ion:264 Resp: 447636

Ion Ratio Lower Upper

264 100

260 23.0 19.3 28.9

265 21.9 18.0 27.0

