

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061021\
 Data File : BP005831.D
 Acq On : 10 Jun 2021 11:16
 Operator : CG/JU
 Sample : PB136969TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB136969TB

Quant Time: Jun 10 11:52:01 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 11:54:55 2021
 Response via : Initial Calibration

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

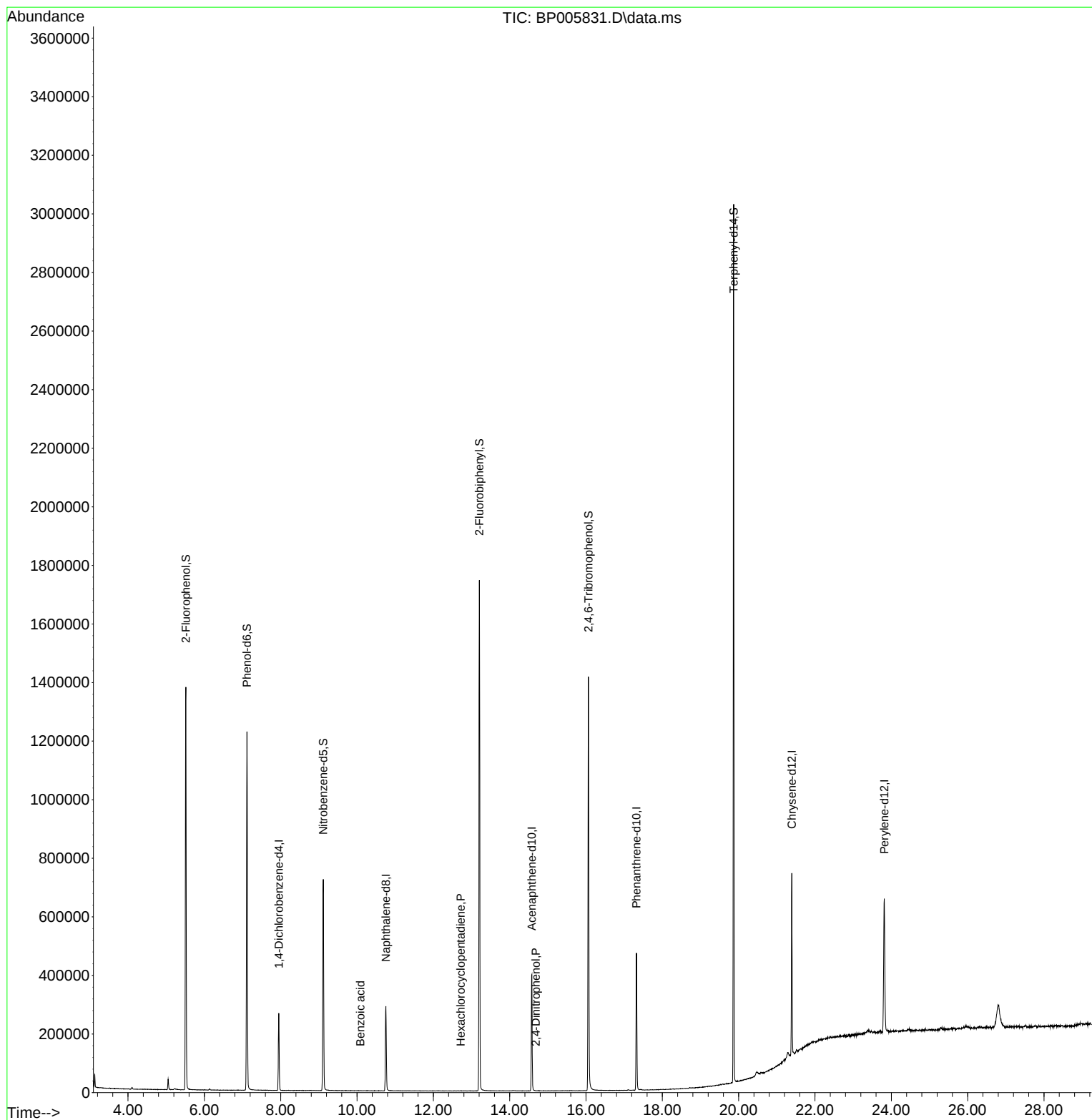
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	71785	20.000	ng	0.00
21) Naphthalene-d8	10.757	136	253615	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	146076	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	284896	20.000	ng	0.00
76) Chrysene-d12	21.392	240	306254	20.000	ng	0.00
86) Perylene-d12	23.815	264	362494	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	603618	134.928	ng	0.00
7) Phenol-d6	7.116	99	679887	117.253	ng	0.00
23) Nitrobenzene-d5	9.116	82	418867	80.972	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	296566	118.306	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	906989	81.533	ng	-0.01
79) Terphenyl-d14	19.869	244	1348929	82.476	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	10.087	122	14	6.324	ng	# 42
41) Hexachlorocyclopentadiene	12.716	237	10	5.507	ng	78
54) 2,4-Dinitrophenol	14.687	184	16	4.858	ng	# 1

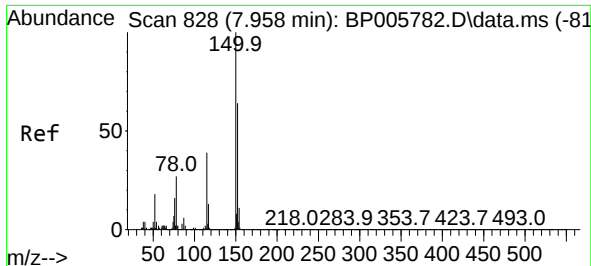
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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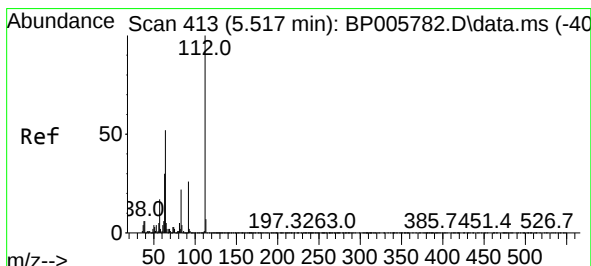
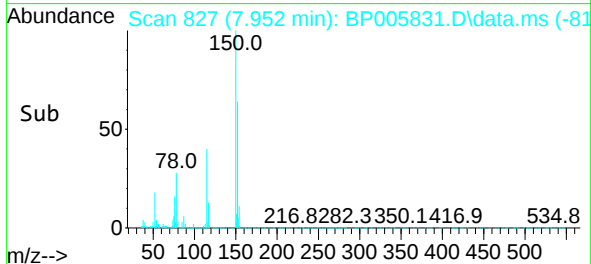
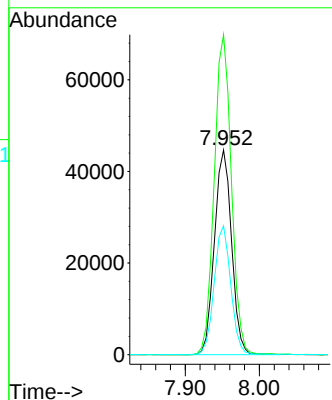
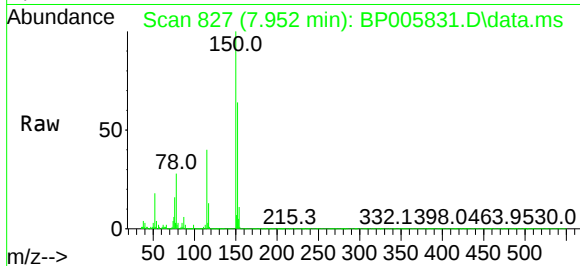




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 827
Delta R.T. -0.006 min
Lab File: BP005831.D
Acq: 10 Jun 2021 11:16

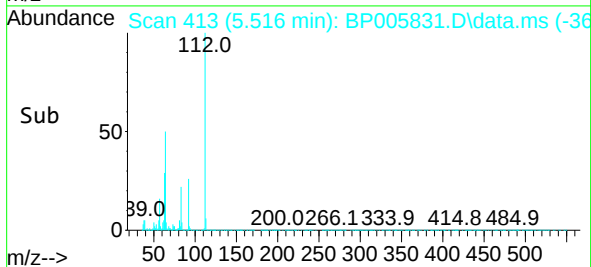
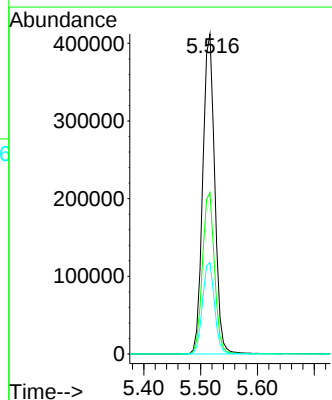
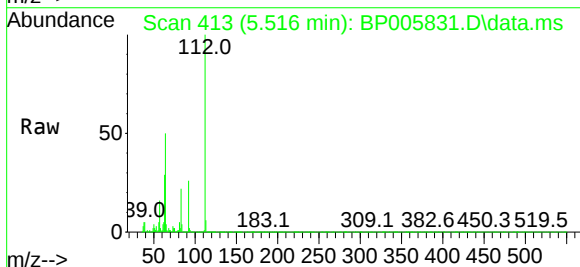
Instrument :
BNA_P
ClientSampleId :
PB136969TB

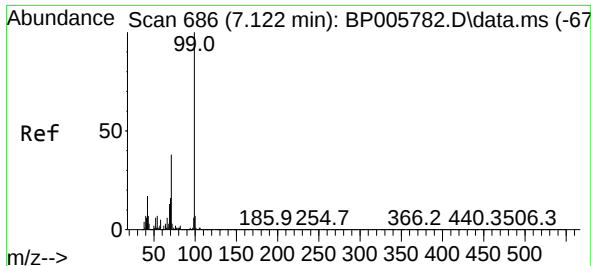
Tgt Ion:152 Resp: 71785
Ion Ratio Lower Upper
152 100
150 156.4 125.6 188.4
115 63.0 48.5 72.7



#5
2-Fluorophenol
Concen: 134.928 ng
RT: 5.516 min Scan# 413
Delta R.T. -0.001 min
Lab File: BP005831.D
Acq: 10 Jun 2021 11:16

Tgt Ion:112 Resp: 603618
Ion Ratio Lower Upper
112 100
64 50.5 41.4 62.2
63 28.6 23.8 35.8

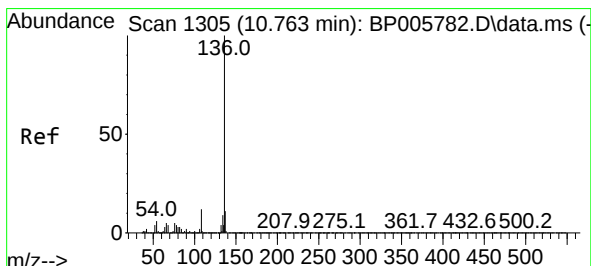
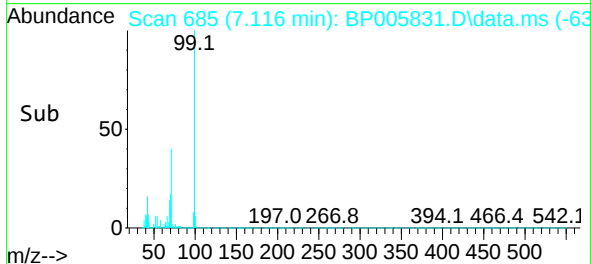
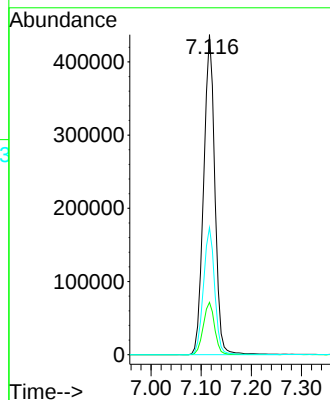
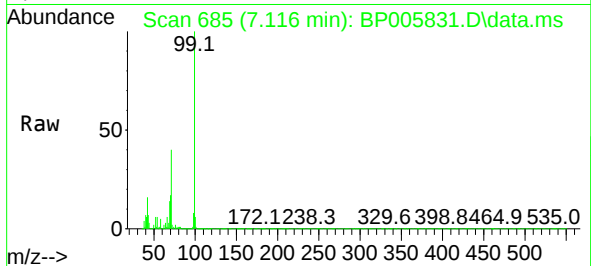




#7
Phenol-d6
Concen: 117.253 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP005831.D
Acq: 10 Jun 2021 11:16

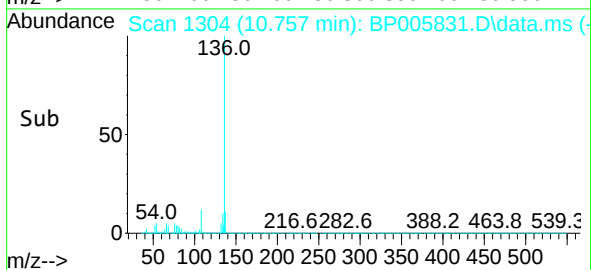
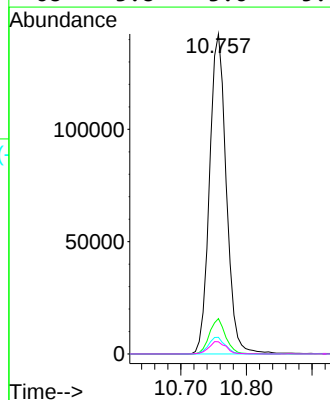
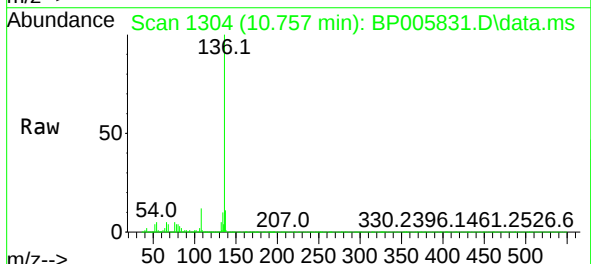
Instrument :
BNA_P
ClientSampleId :
PB136969TB

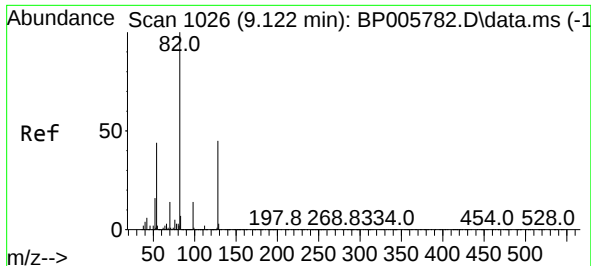
Tgt Ion:	99	Resp:	679887
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.0
71	39.7	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP005831.D
Acq: 10 Jun 2021 11:16

Tgt Ion:	136	Resp:	253615
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	5.2	4.6	6.8
68	3.8	3.6	5.4

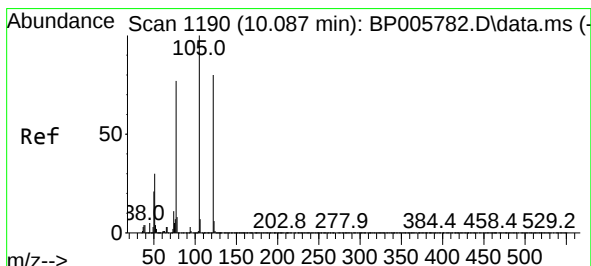
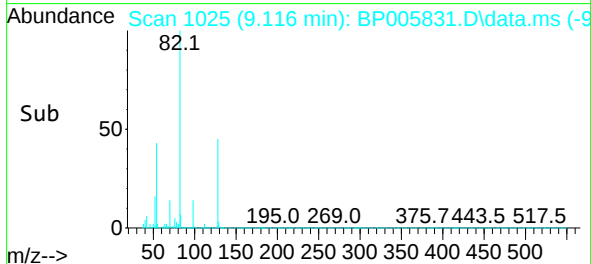
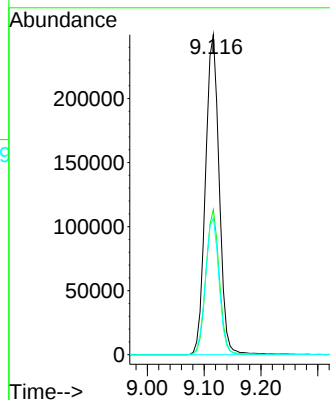
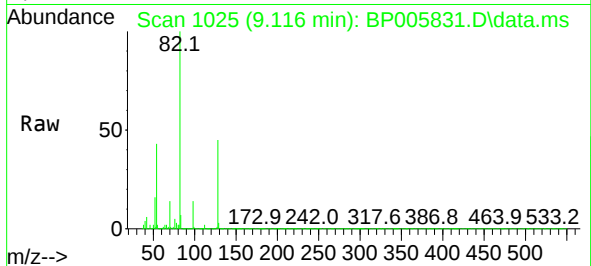




#23
Nitrobenzene-d5
Concen: 80.972 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP005831.D
Acq: 10 Jun 2021 11:16

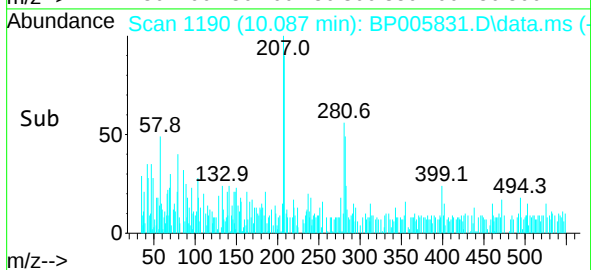
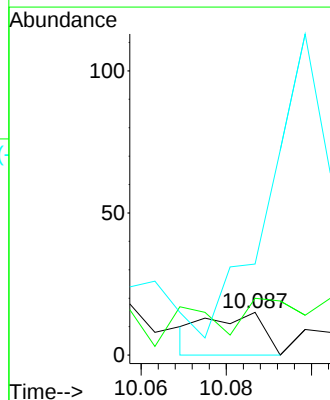
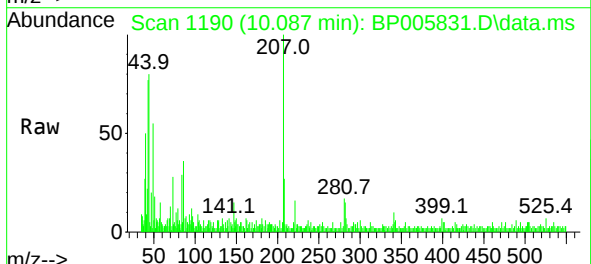
Instrument :
BNA_P
ClientSampleId :
PB136969TB

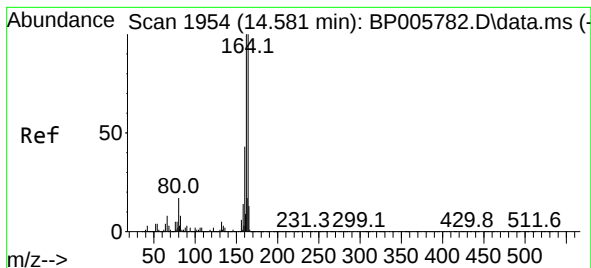
Tgt Ion: 82 Resp: 418867
Ion Ratio Lower Upper
82 100
128 45.3 35.7 53.5
54 42.7 35.0 52.4



#32
Benzoic acid
Concen: 6.324 ng
RT: 10.087 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BP005831.D
Acq: 10 Jun 2021 11:16

Tgt Ion: 122 Resp: 14
Ion Ratio Lower Upper
122 100
105 133.3 103.2 143.2
77 213.3 76.2 116.2#

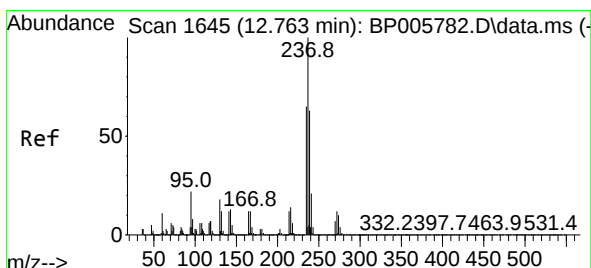
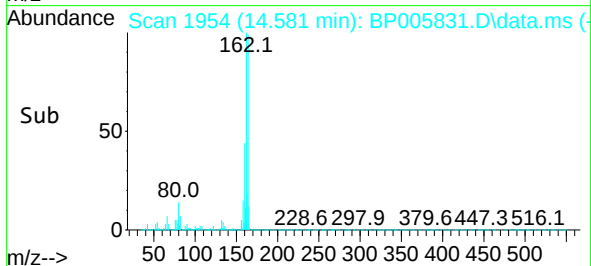
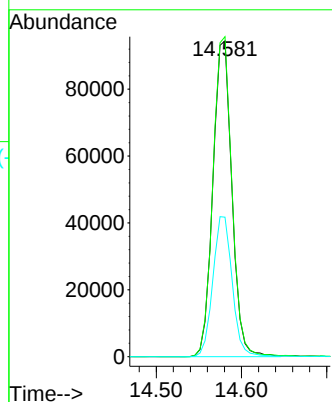
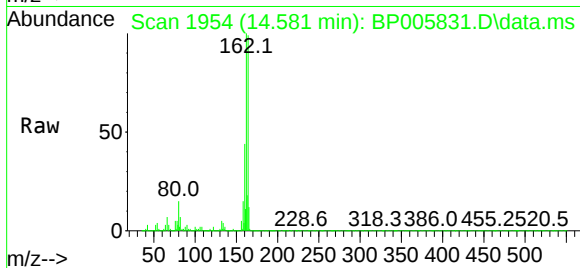




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP005831.D
Acq: 10 Jun 2021 11:16

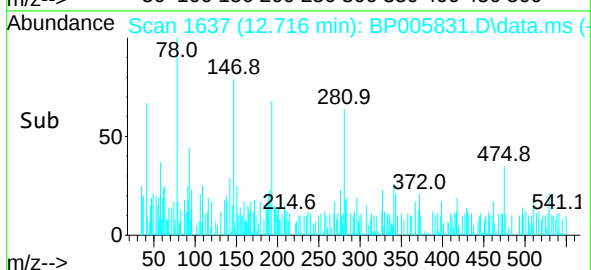
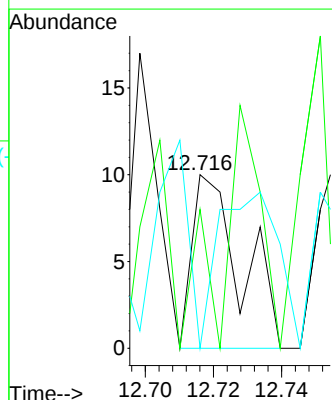
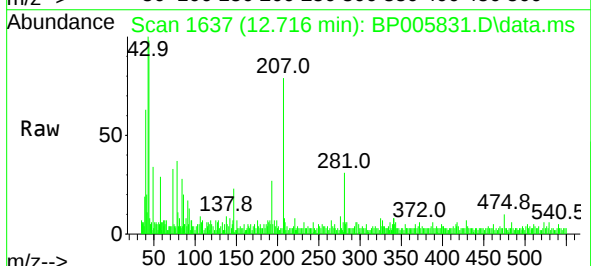
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BNA_P
ClientSampleId :
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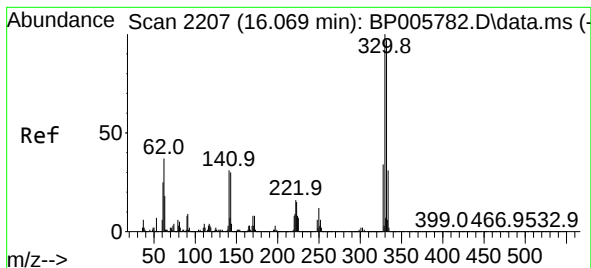
Tgt Ion:164 Resp: 146076
Ion Ratio Lower Upper
164 100
162 101.3 80.2 120.2
160 44.2 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.507 ng
RT: 12.716 min Scan# 1637
Delta R.T. -0.047 min
Lab File: BP005831.D
Acq: 10 Jun 2021 11:16

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 80.0 44.5 84.5
272 0.0 0.0 32.5





#42

2,4,6-Tribromophenol

Concen: 118.306 ng

RT: 16.063 min Scan# 2206

Delta R.T. -0.006 min

Lab File: BP005831.D

Acq: 10 Jun 2021 11:16

Instrument :

BNA_P

ClientSampleId :

PB136969TB

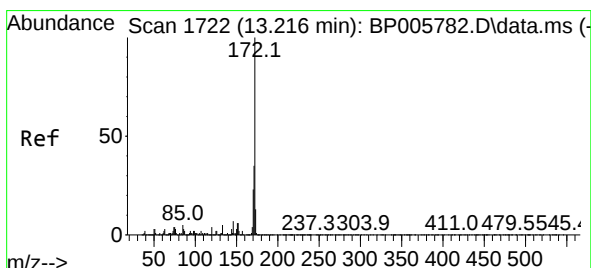
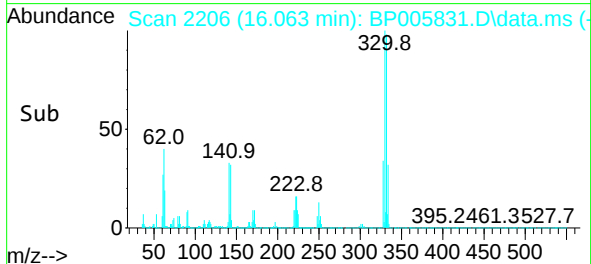
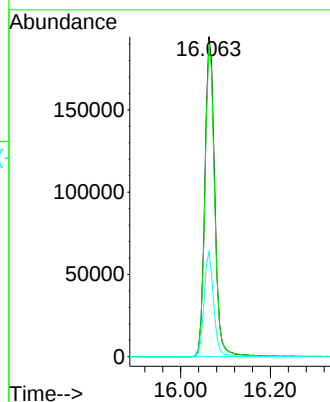
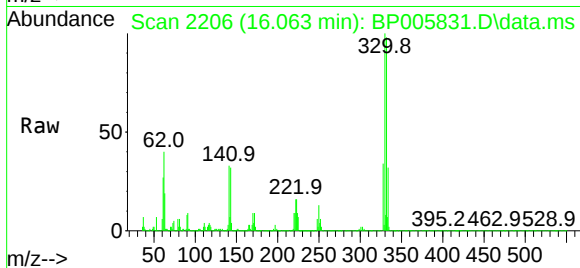
Tgt Ion:330 Resp: 296566

Ion Ratio Lower Upper

330 100

332 96.2 77.8 116.8

141 31.9 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 81.533 ng

RT: 13.204 min Scan# 1720

Delta R.T. -0.012 min

Lab File: BP005831.D

Acq: 10 Jun 2021 11:16

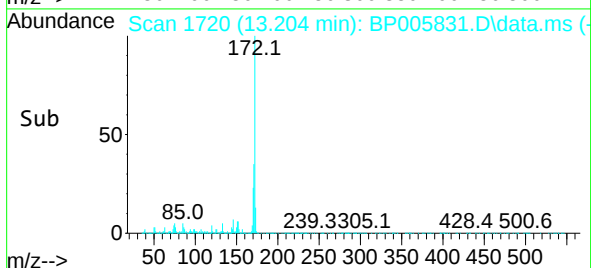
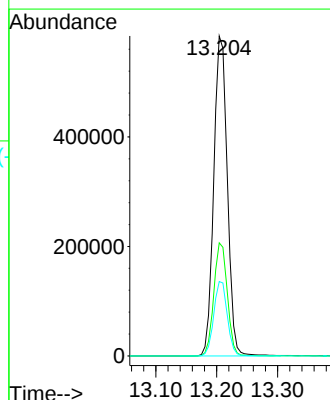
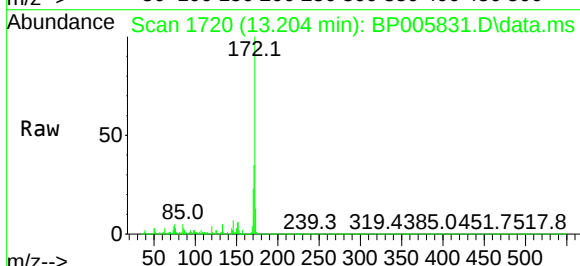
Tgt Ion:172 Resp: 906989

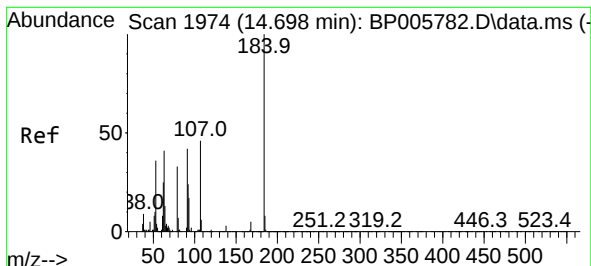
Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 23.2 18.6 27.8

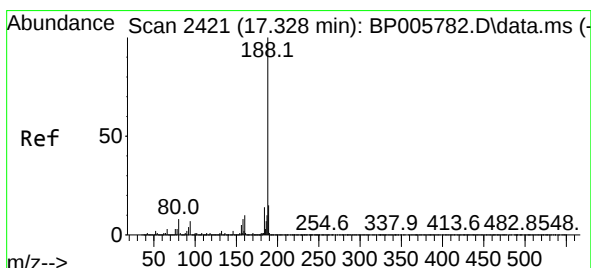
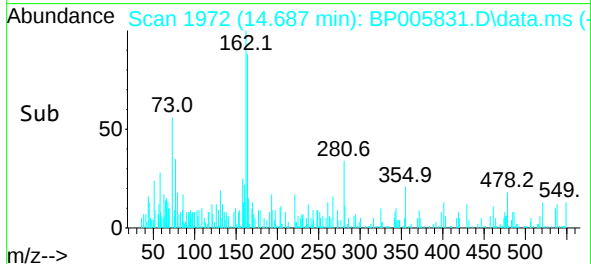
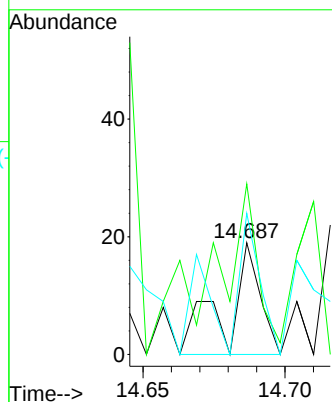
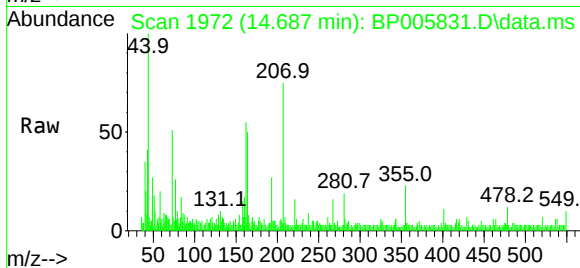




#54
2,4-Dinitrophenol
Concen: 4.858 ng
RT: 14.687 min Scan# 1972
Delta R.T. -0.011 min
Lab File: BP005831.D
Acq: 10 Jun 2021 11:16

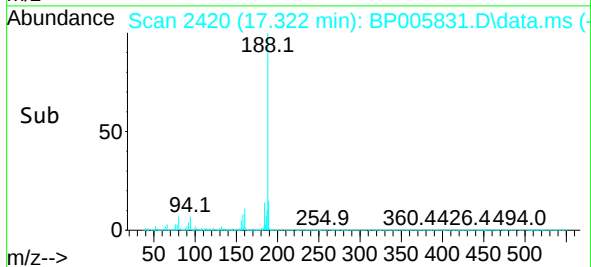
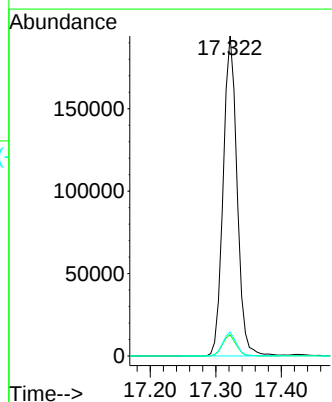
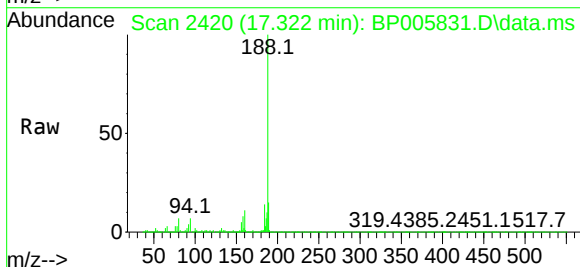
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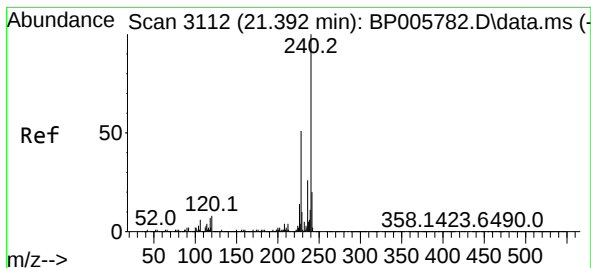
Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
63 210.5 47.0 70.6#
154 126.3 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP005831.D
Acq: 10 Jun 2021 11:16

Tgt Ion:188 Resp: 284896
Ion Ratio Lower Upper
188 100
94 6.6 5.6 8.4
80 7.5 6.3 9.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP005831.D

Acq: 10 Jun 2021 11:16

Instrument :

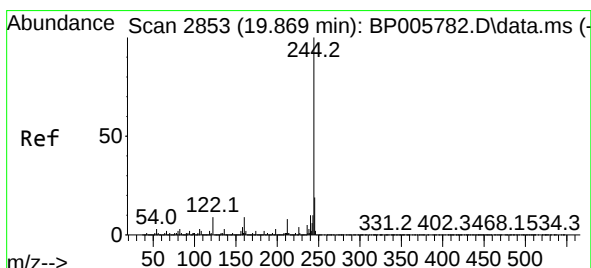
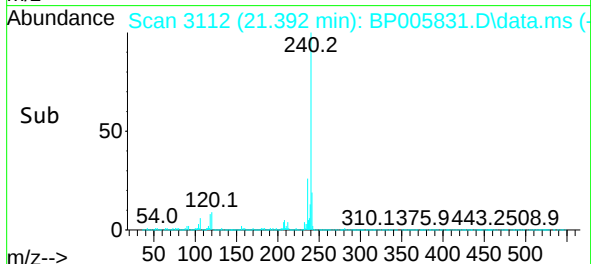
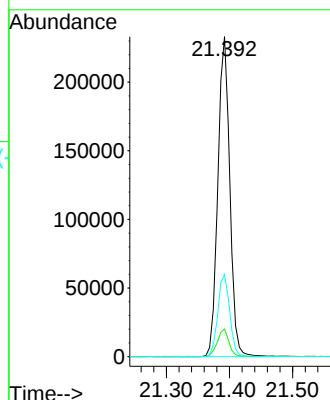
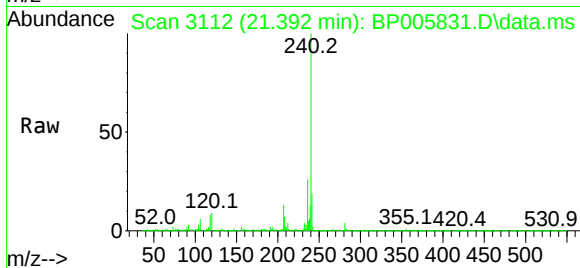
BNA_P

ClientSampleId :

PB136969TB

Tgt Ion:240 Resp: 306254

Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.5	9.7
236	25.7	20.6	31.0



#79

Terphenyl-d14

Concen: 82.476 ng

RT: 19.869 min Scan# 2853

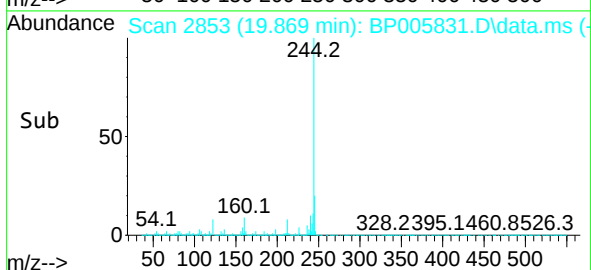
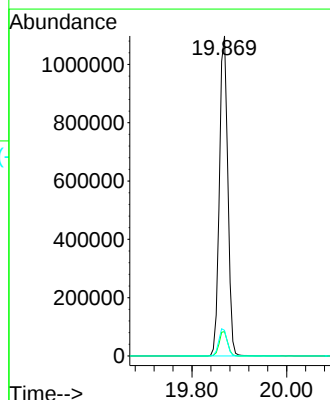
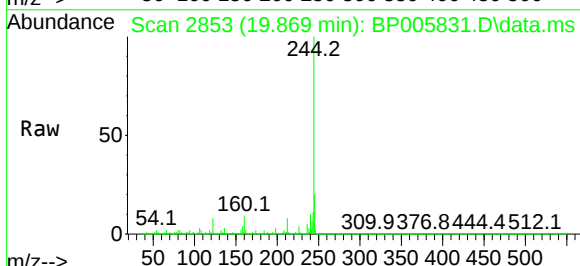
Delta R.T. -0.000 min

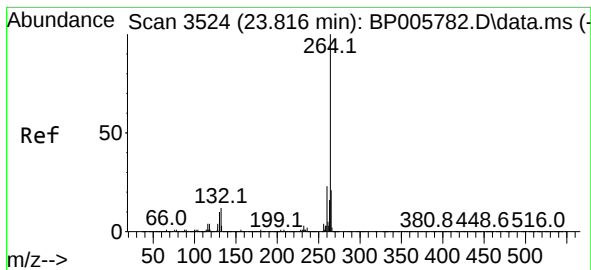
Lab File: BP005831.D

Acq: 10 Jun 2021 11:16

Tgt Ion:244 Resp: 1348929

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	8.0	7.1	10.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.815 min Scan# 3524
Delta R.T. -0.000 min
Lab File: BP005831.D
Acq: 10 Jun 2021 11:16

Instrument :
BNA_P
ClientSampleId :
PB136969TB

Tgt Ion:264 Resp: 362494

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	22.9	17.6	26.4

