

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021121\
 Data File : BP004710.D
 Acq On : 11 Feb 2021 11:42
 Operator : CG/JU
 Sample : PB134559BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB134559BL

Quant Time: Feb 11 13:11:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 05 18:04:48 2021
 Response via : Initial Calibration

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

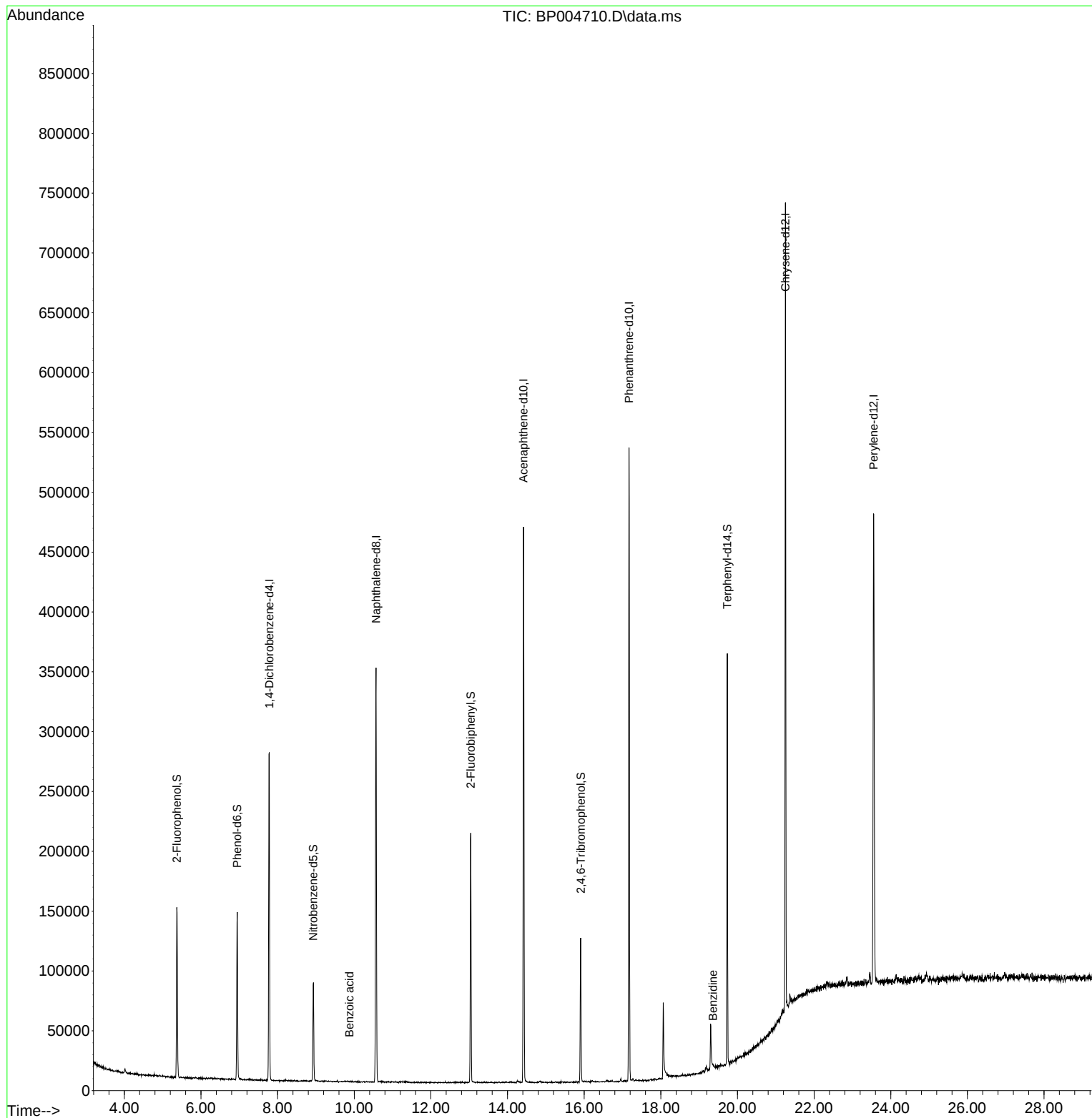
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	74548	20.00	ng	0.00
21) Naphthalene-d8	10.569	136	269096	20.00	ng	# 0.00
39) Acenaphthene-d10	14.416	164	145243	20.00	ng	0.00
64) Phenanthrene-d10	17.169	188	301052	20.00	ng	0.00
76) Chrysene-d12	21.251	240	296147	20.00	ng	0.00
86) Perylene-d12	23.551	264	285780	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.370	112	63510	13.15	ng	0.01
7) Phenol-d6	6.946	99	75659	11.39	ng	0.00
23) Nitrobenzene-d5	8.928	82	46056	7.46	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	19231	9.97	ng	0.00
45) 2-Fluorobiphenyl	13.040	172	101133	8.51	ng	0.00
79) Terphenyl-d14	19.734	244	132278	7.50	ng	0.00
Target Compounds						
32) Benzoic acid	9.875	122	20	6.86	ng	# 65
77) Benzidine	19.363	184	16	2.14	ng	# 1

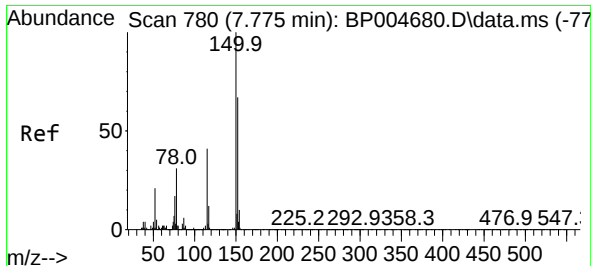
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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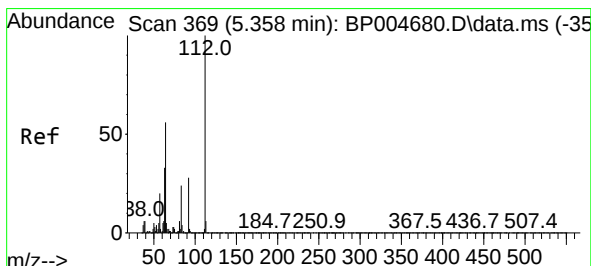
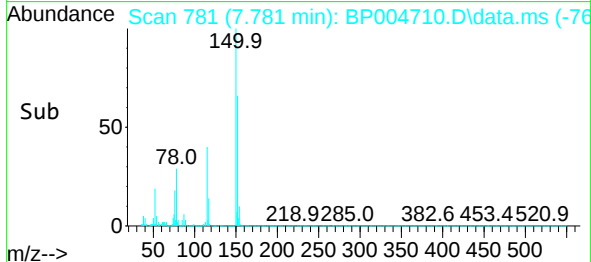
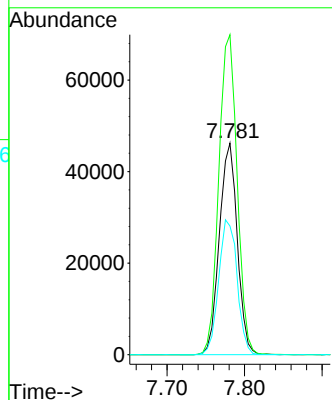
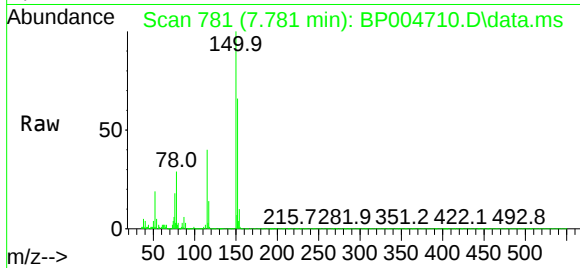




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.781 min Scan# 781
Delta R.T. 0.006 min
Lab File: BP004710.D
Acq: 11 Feb 2021 11:42

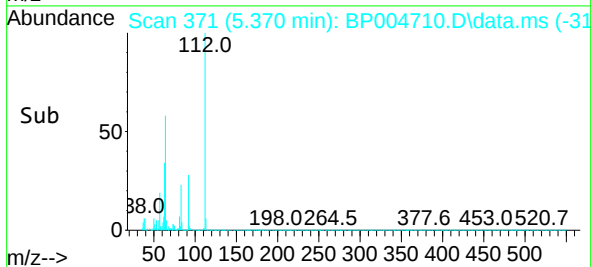
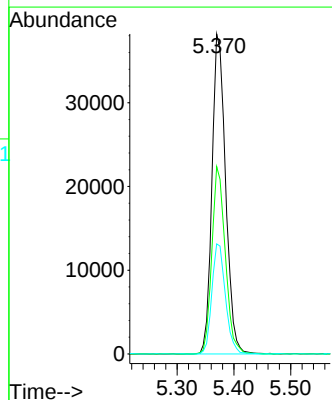
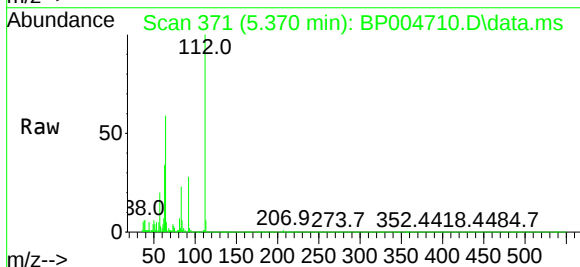
Instrument :
BNA_P
ClientSampleId :
PB134559BL

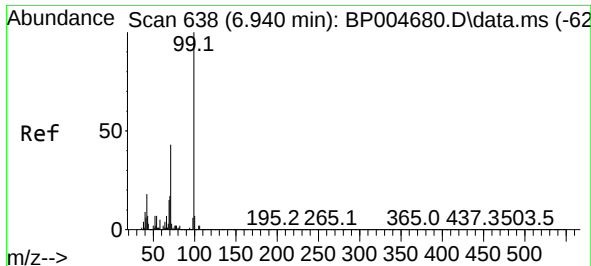
Tgt Ion:152 Resp: 74548
Ion Ratio Lower Upper
152 100
150 151.3 123.8 185.6
115 60.9 43.8 65.6



#5
2-Fluorophenol
Concen: 13.15 ng
RT: 5.370 min Scan# 371
Delta R.T. 0.012 min
Lab File: BP004710.D
Acq: 11 Feb 2021 11:42

Tgt Ion:112 Resp: 63510
Ion Ratio Lower Upper
112 100
64 58.6 32.8 49.2#
63 34.4 17.0 25.4#

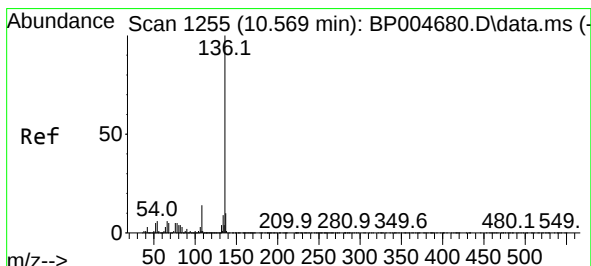
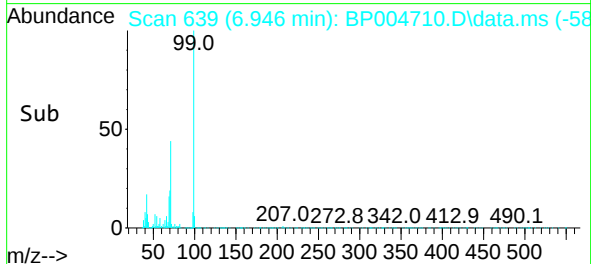
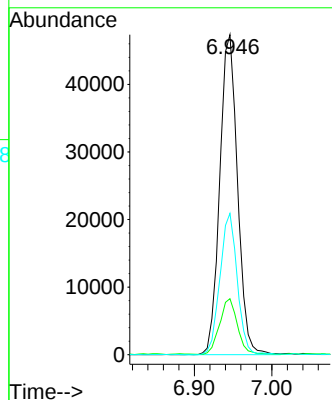
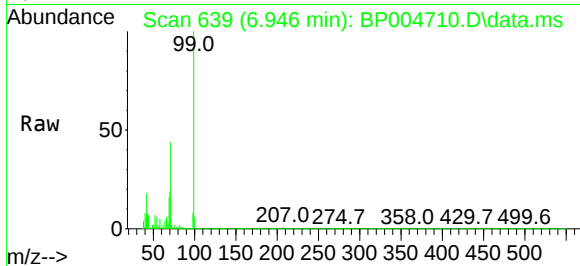




#7
Phenol-d6
Concen: 11.39 ng
RT: 6.946 min Scan# 639
Delta R.T. 0.006 min
Lab File: BP004710.D
Acq: 11 Feb 2021 11:42

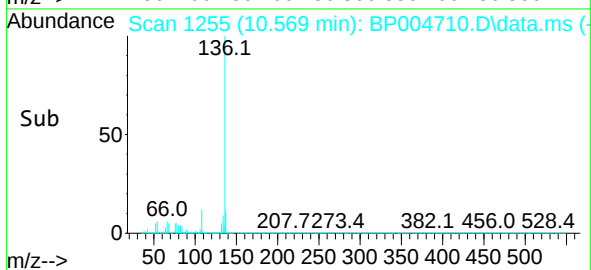
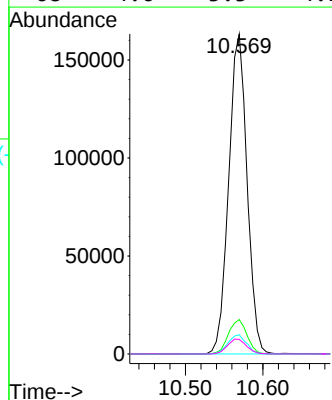
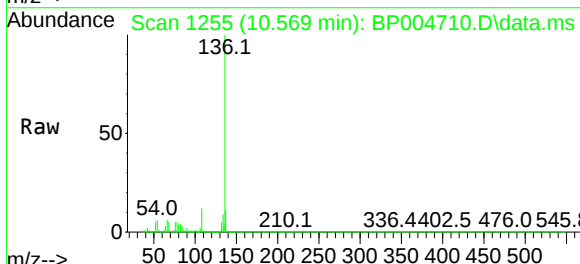
Instrument :
BNA_P
ClientSampleId :
PB134559BL

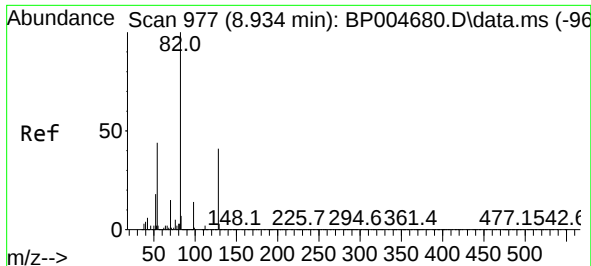
Tgt Ion: 99 Resp: 75659
Ion Ratio Lower Upper
99 100
42 17.5 8.6 13.0#
71 44.2 23.4 35.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.569 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BP004710.D
Acq: 11 Feb 2021 11:42

Tgt Ion: 136 Resp: 269096
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.0 3.6 5.4#
68 4.6 3.3 4.9

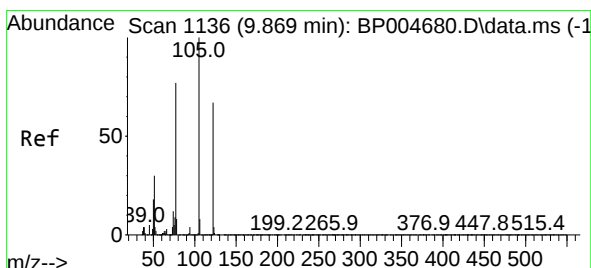
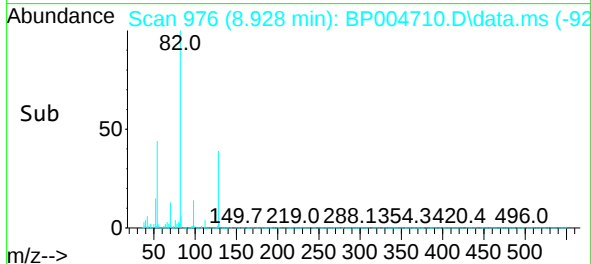
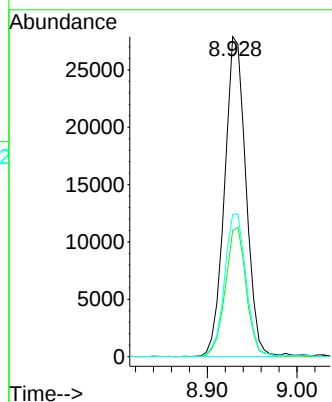
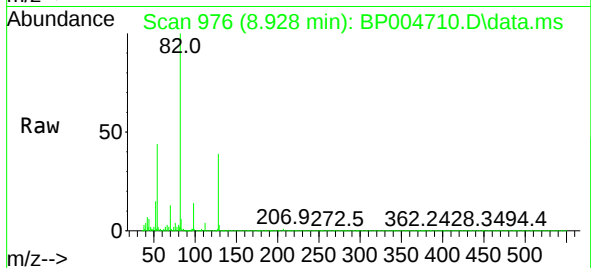




#23
Nitrobenzene-d5
Concen: 7.46 ng
RT: 8.928 min Scan# 976
Delta R.T. -0.006 min
Lab File: BP004710.D
Acq: 11 Feb 2021 11:42

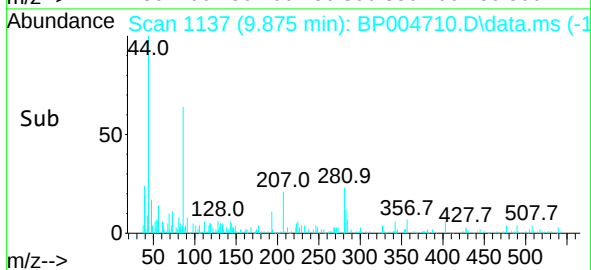
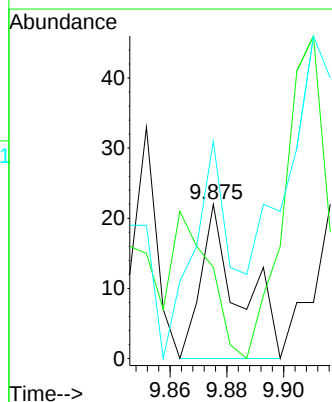
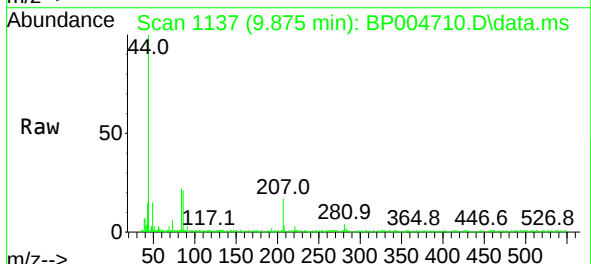
Instrument :
BNA_P
ClientSampleId :
PB134559BL

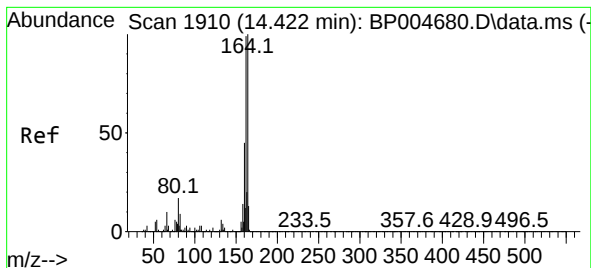
Tgt Ion: 82 Resp: 46056
Ion Ratio Lower Upper
82 100
128 39.4 45.6 68.4#
54 44.4 30.1 45.1



#32
Benzoic acid
Concen: 6.86 ng
RT: 9.875 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BP004710.D
Acq: 11 Feb 2021 11:42

Tgt Ion: 122 Resp: 20
Ion Ratio Lower Upper
122 100
105 118.2 94.1 134.1
77 140.9 50.1 90.1#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.416 min Scan# 1909

Delta R.T. -0.006 min

Lab File: BP004710.D

Acq: 11 Feb 2021 11:42

Instrument :

BNA_P

ClientSampleId :

PB134559BL

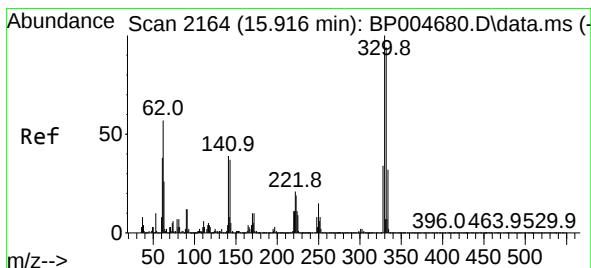
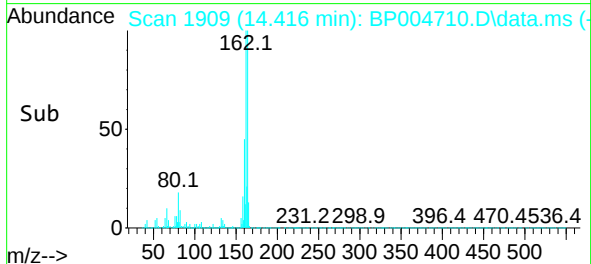
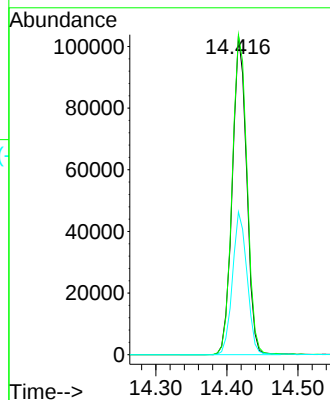
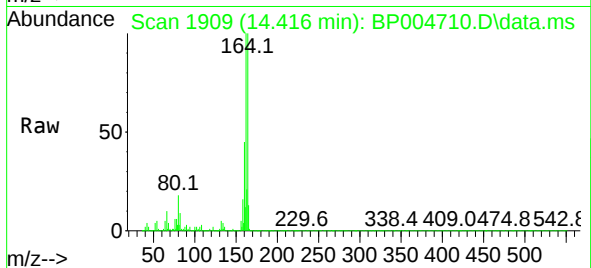
Tgt Ion:164 Resp: 145243

Ion Ratio Lower Upper

164 100

162 100.3 79.4 119.2

160 44.7 36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 9.97 ng

RT: 15.910 min Scan# 2163

Delta R.T. -0.006 min

Lab File: BP004710.D

Acq: 11 Feb 2021 11:42

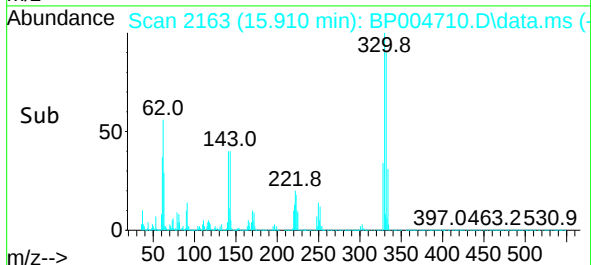
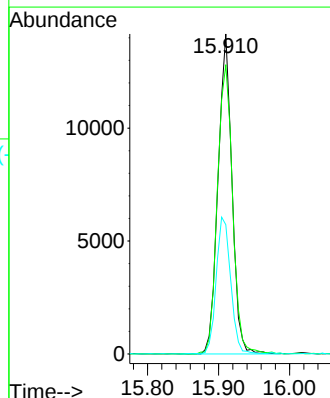
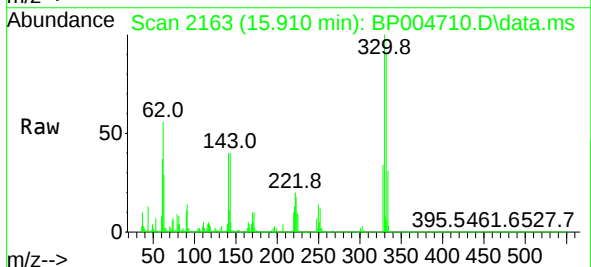
Tgt Ion:330 Resp: 19231

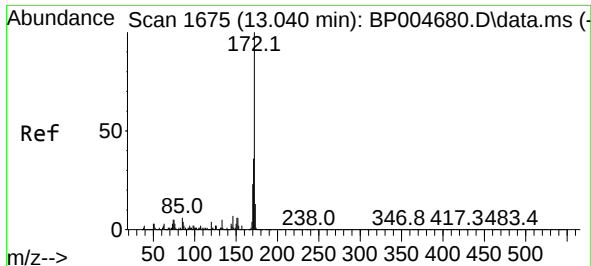
Ion Ratio Lower Upper

330 100

332 98.5 77.1 115.7

141 44.2 23.4 35.2#

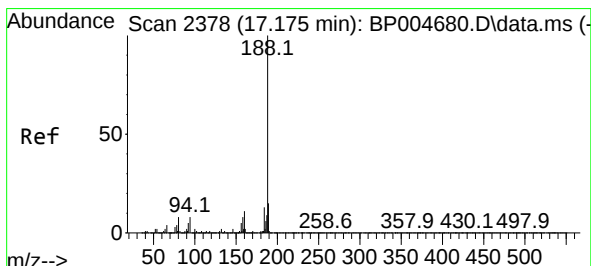
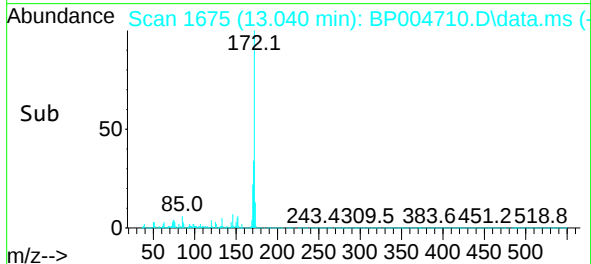
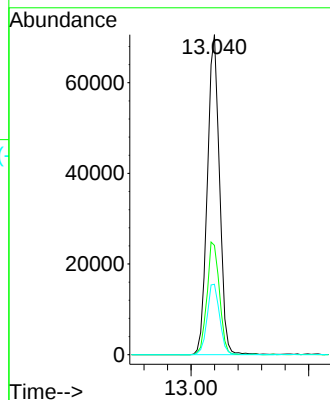
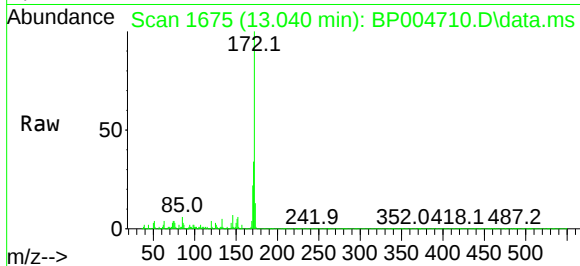




#45
2-Fluorobiphenyl
Concen: 8.51 ng
RT: 13.040 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP004710.D
Acq: 11 Feb 2021 11:42

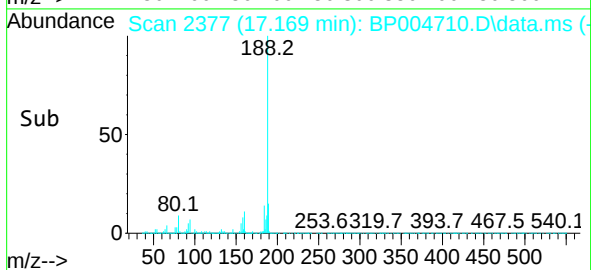
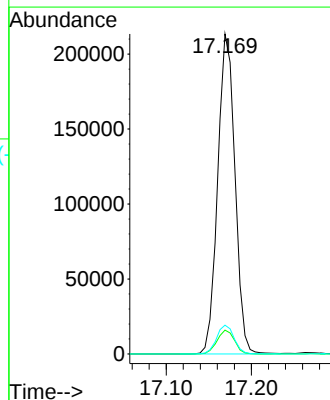
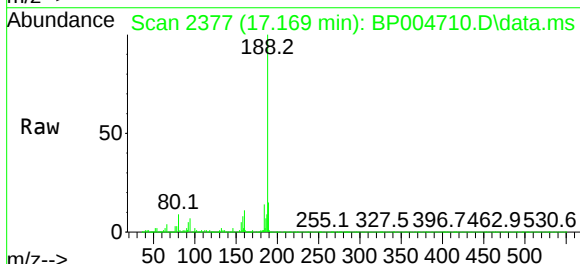
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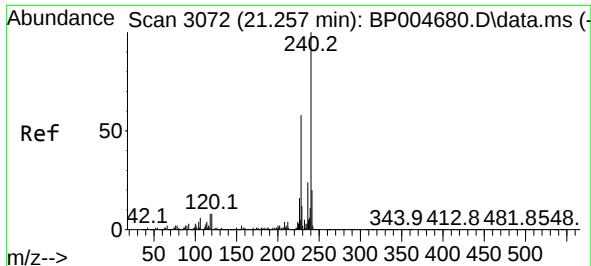
Tgt Ion:	172	Resp:	101133
Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.0	19.2	28.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.169 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP004710.D
Acq: 11 Feb 2021 11:42

Tgt Ion:	188	Resp:	301052
Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.2	9.2
80	9.0	6.2	9.2

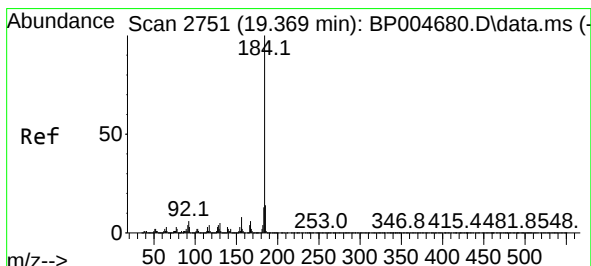
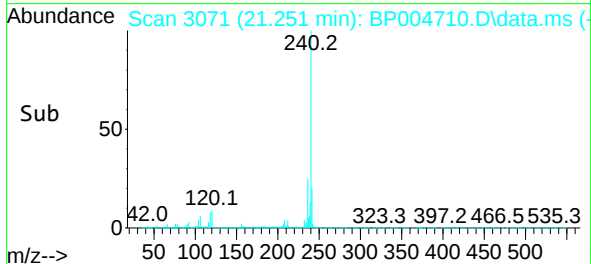
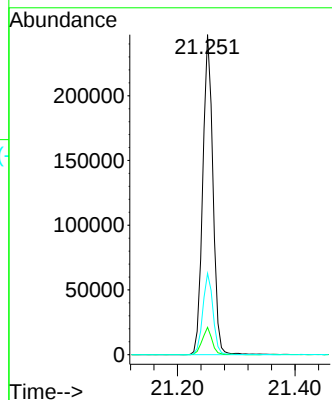
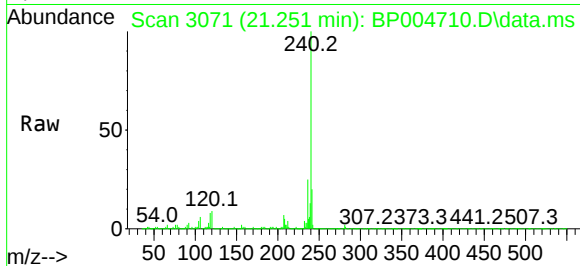




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.251 min Scan# 3071
Delta R.T. -0.006 min
Lab File: BP004710.D
Acq: 11 Feb 2021 11:42

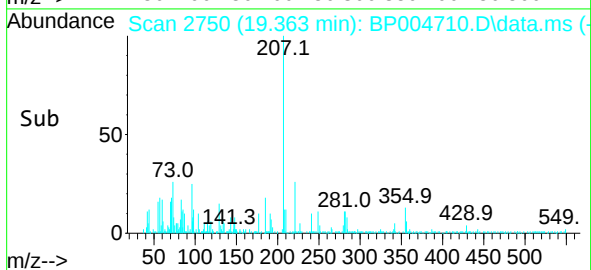
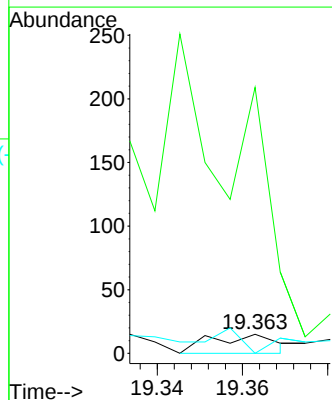
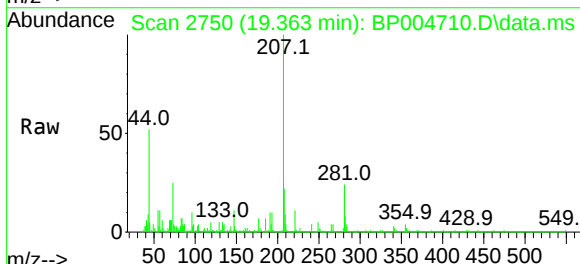
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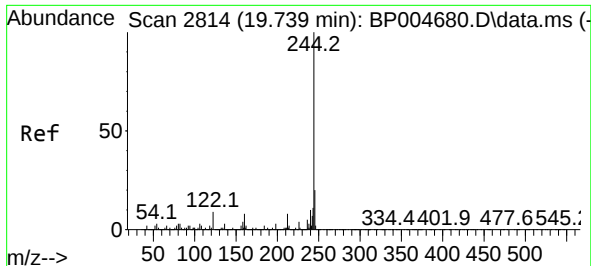
Tgt Ion:240 Resp: 296147
Ion Ratio Lower Upper
240 100
120 8.6 7.8 11.6
236 25.4 20.8 31.2



#77
Benzidine
Concen: 2.14 ng
RT: 19.363 min Scan# 2750
Delta R.T. -0.006 min
Lab File: BP004710.D
Acq: 11 Feb 2021 11:42

Tgt Ion:184 Resp: 16
Ion Ratio Lower Upper
184 100
185 1393.3 11.5 17.3#
183 66.7 9.6 14.4#

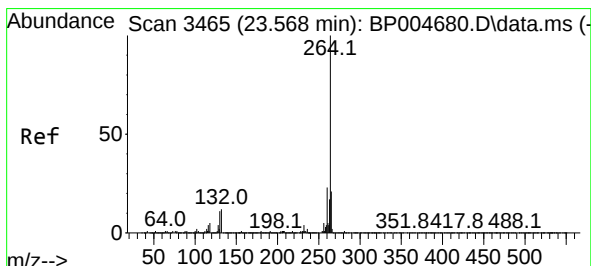
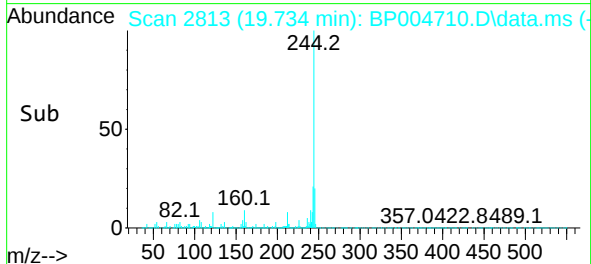
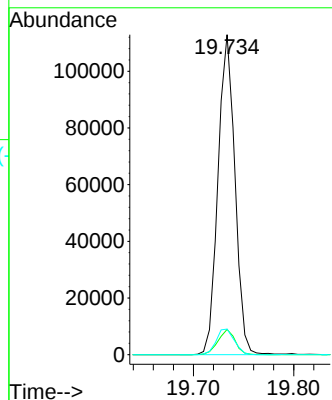
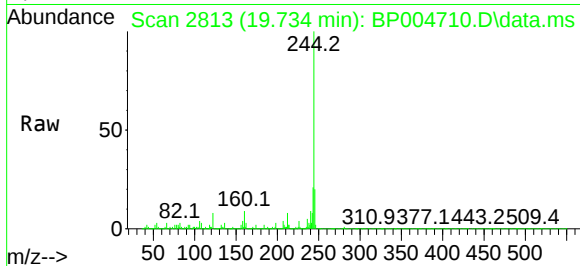




#79
 Terphenyl-d14
 Concen: 7.50 ng
 RT: 19.734 min Scan# 2813
 Delta R.T. -0.006 min
 Lab File: BP004710.D
 Acq: 11 Feb 2021 11:42

Instrument :
 BNA_P
 ClientSampleId :
 PB134559BL

Tgt Ion:244 Resp: 132278
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.6
 122 8.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.551 min Scan# 3462
 Delta R.T. -0.017 min
 Lab File: BP004710.D
 Acq: 11 Feb 2021 11:42

Tgt Ion:264 Resp: 285780
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.8 28.2
 265 20.9 17.4 26.2

