

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP040721\
 Data File : BP005229.D
 Acq On : 07 Apr 2021 19:59
 Operator : CG/JU
 Sample : M1909-02DL2 200X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Apr 08 00:28:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 06 12:33:08 2021
 Response via : Initial Calibration

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

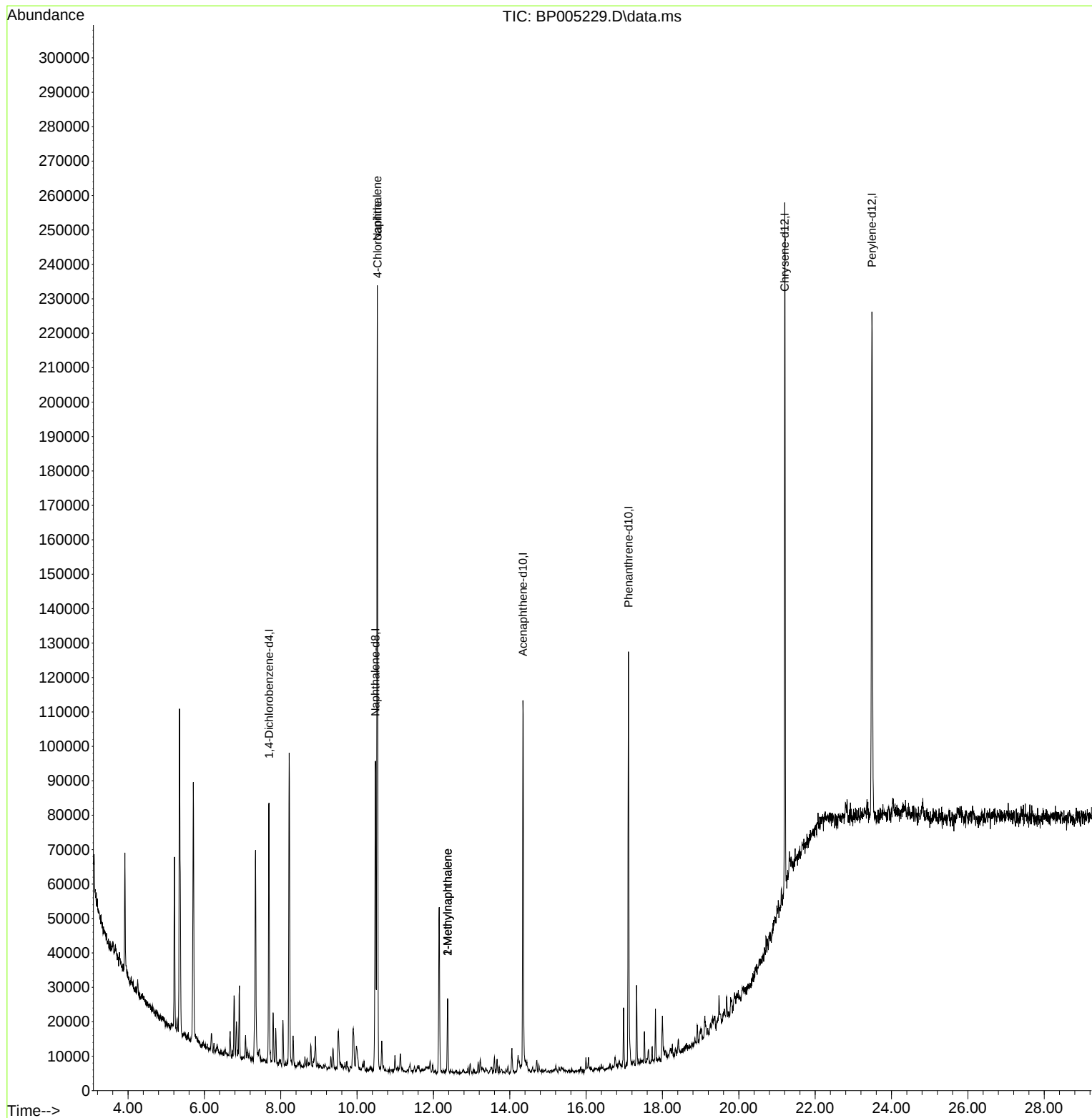
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	19818	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	70348	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	37409	20.00	ng	0.00
64) Phenanthrene-d10	17.110	188	75693	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	92229	20.00	ng	-0.01
86) Perylene-d12	23.486	264	106284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	734	0.57	ng	0.00
7) Phenol-d6	6.875	99	1095	0.59	ng	0.00
23) Nitrobenzene-d5	8.687	82	51	0.03	ng	-0.17
42) 2,4,6-Tribromophenol	15.863	330	174	0.36	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1558	0.56	ng	-0.01
79) Terphenyl-d14	19.680	244	2440	0.48	ng	0.00
Target Compounds						
31) Naphthalene	10.528	128	179087	45.06	ng	Qvalue 98
33) 4-Chloroaniline	10.534	127	23928	14.88	ng	# 45
37) 2-Methylnaphthalene	12.375	142	10317	3.60	ng	92
38) 1-Methylnaphthalene	12.375	142	10346	3.85	ng	87

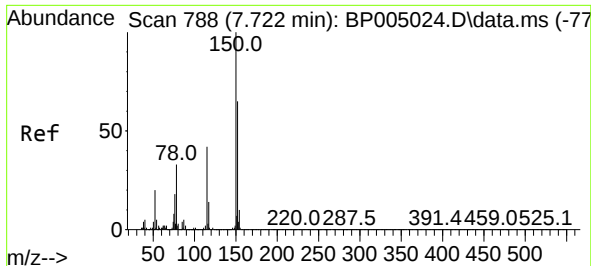
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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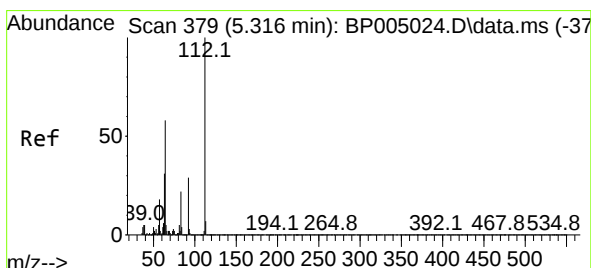
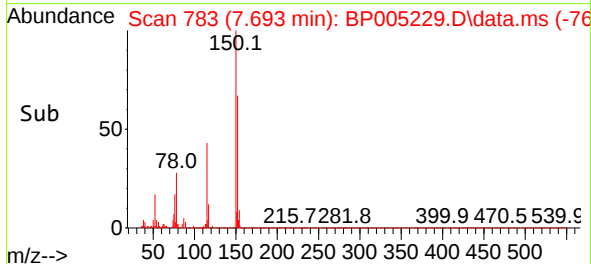
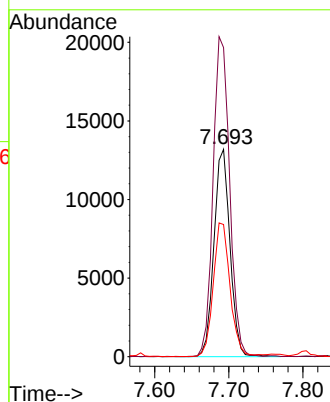
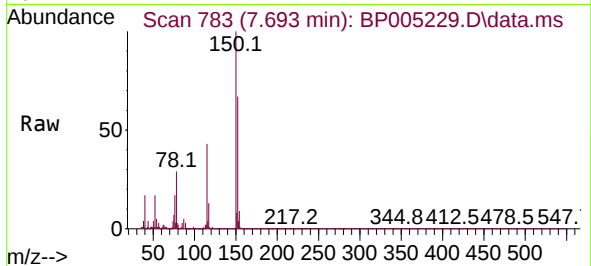




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

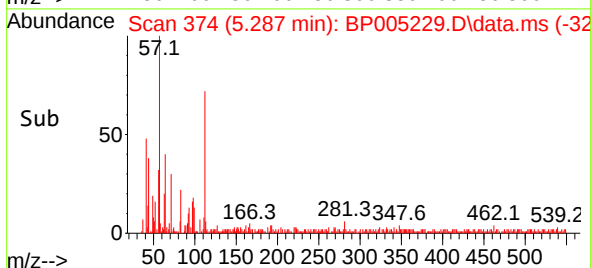
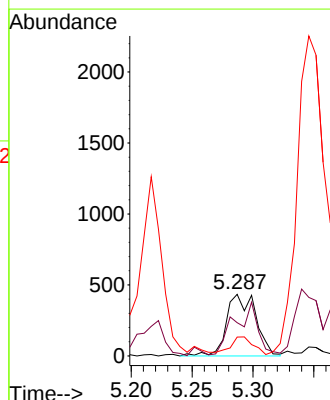
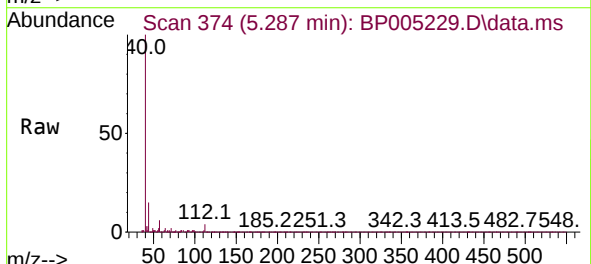
Instrument :
BNA_P
ClientSampleId :

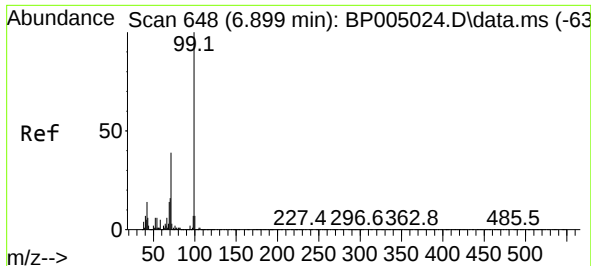
Tgt Ion:152 Resp: 19818
Ion Ratio Lower Upper
152 100
150 149.1 123.8 185.6
115 63.7 43.8 65.6



#5
2-Fluorophenol
Concen: 0.57 ng
RT: 5.287 min Scan# 374
Delta R.T. -0.006 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

Tgt Ion:112 Resp: 734
Ion Ratio Lower Upper
112 100
64 53.9 32.8 49.2#
63 30.6 17.0 25.4#

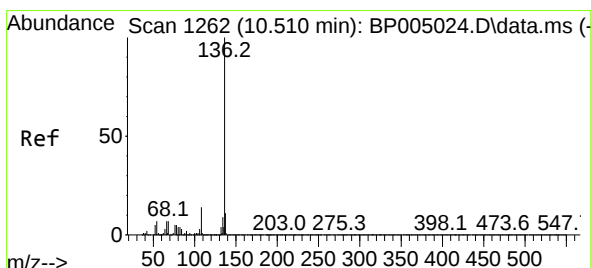
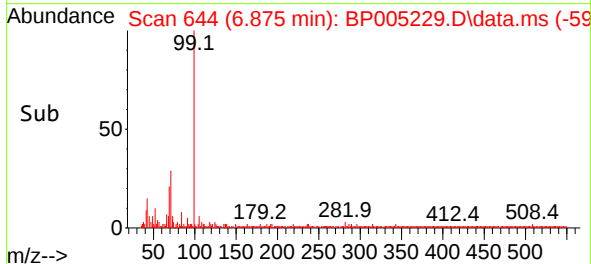
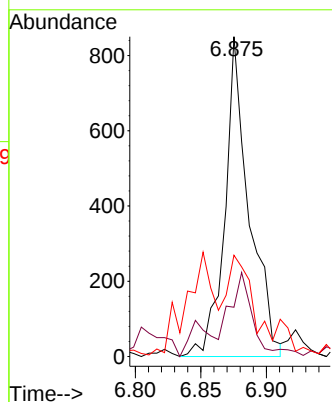
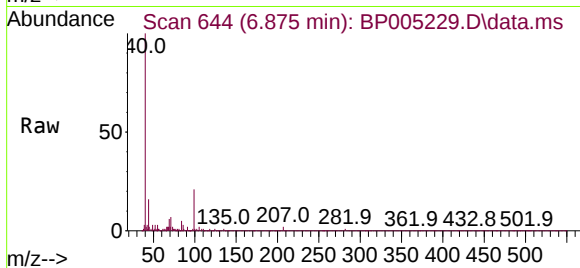




#7
Phenol-d6
Concen: 0.59 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

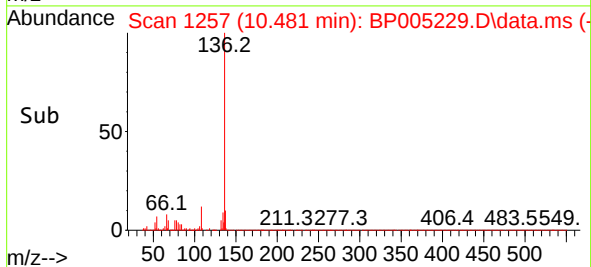
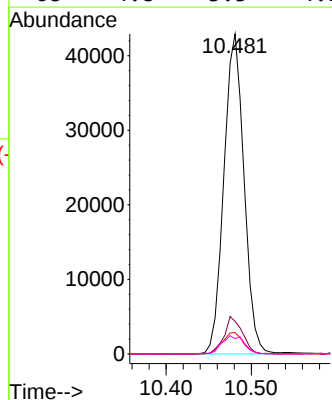
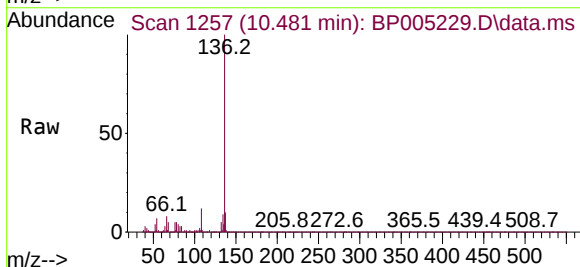
Instrument :
BNA_P
ClientSampleId :

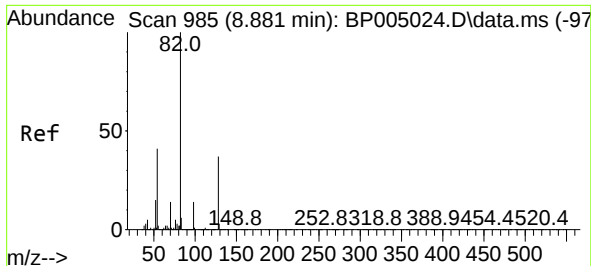
Tgt Ion: 99 Resp: 1095
Ion Ratio Lower Upper
99 100
42 15.4 8.6 13.0#
71 31.6 23.4 35.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.006 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

Tgt Ion:136 Resp: 70348
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 6.7 3.6 5.4#
68 4.8 3.3 4.9

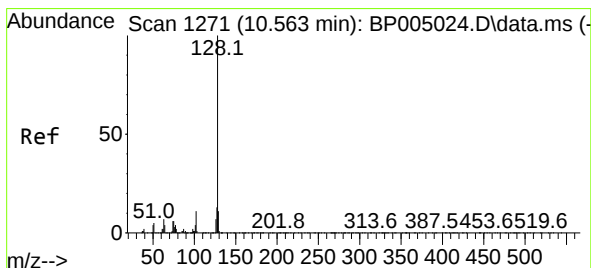
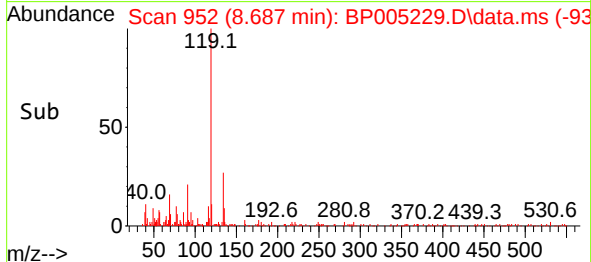
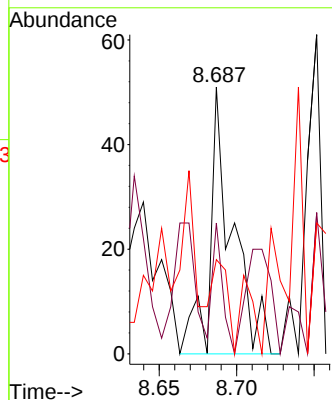
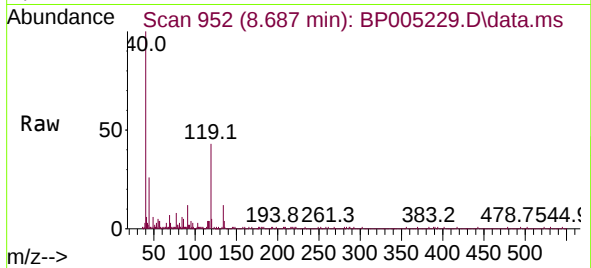




#23
Nitrobenzene-d5
Concen: 0.03 ng
RT: 8.687 min Scan# 952
Delta R.T. -0.170 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

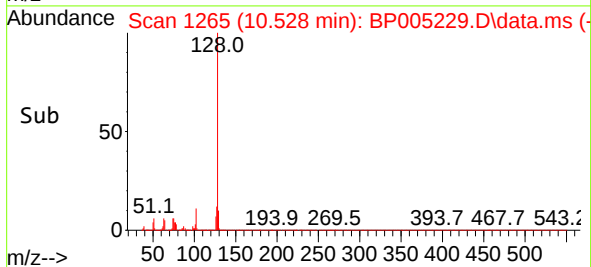
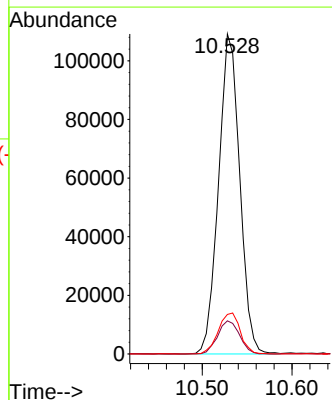
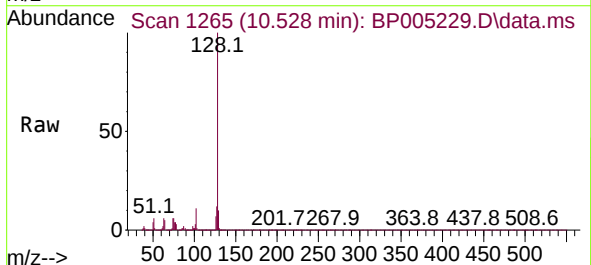
Instrument :
BNA_P
ClientSampleId :

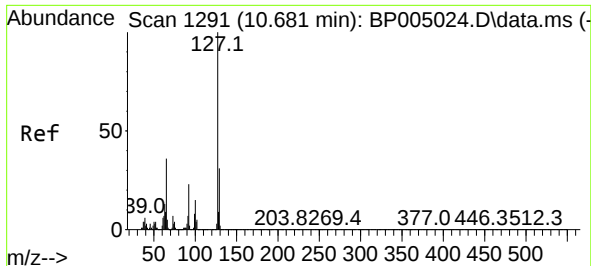
Tgt Ion: 82 Resp: 51
Ion Ratio Lower Upper
82 100
128 49.0 45.6 68.4
54 35.3 30.1 45.1



#31
Naphthalene
Concen: 45.06 ng
RT: 10.528 min Scan# 1265
Delta R.T. -0.006 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

Tgt Ion:128 Resp: 179087
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.3 10.6 15.8

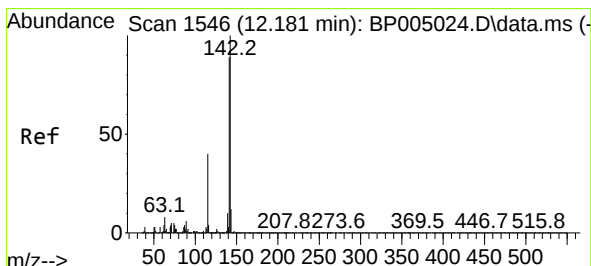
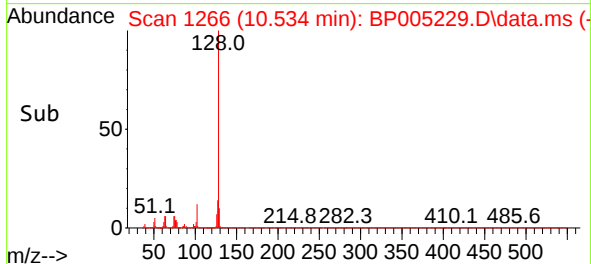
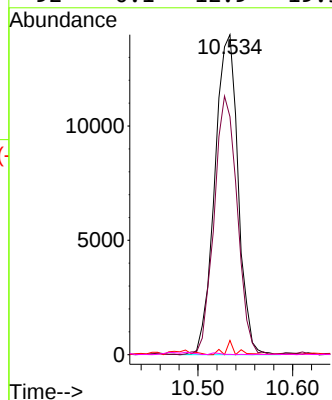
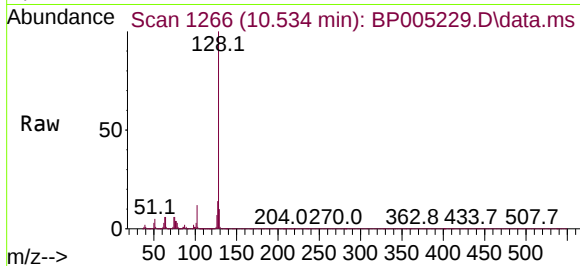




#33
4-Chloroaniline
Concen: 14.88 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.118 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

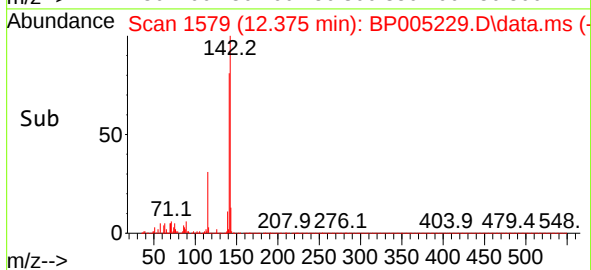
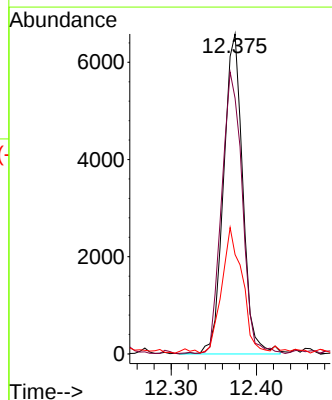
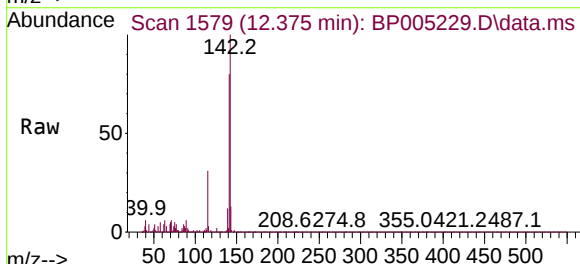
Instrument :
BNA_P
ClientSampleId :

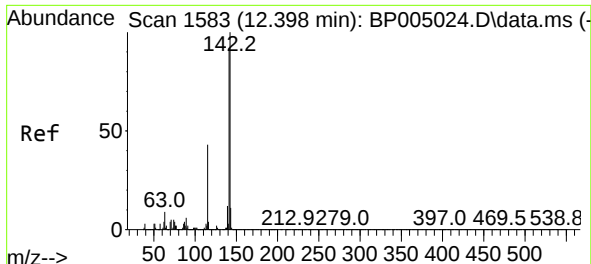
Tgt Ion:127	Resp:	23928
Ion Ratio	Lower	Upper
127	100	
129	74.3	25.7 38.5#
65	4.5	17.3 25.9#
92	0.1	12.9 19.3#



#37
2-Methylnaphthalene
Concen: 3.60 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.218 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

Tgt Ion:142	Resp:	10317
Ion Ratio	Lower	Upper
142	100	
141	79.9	71.4 107.2
115	31.1	25.8 38.6

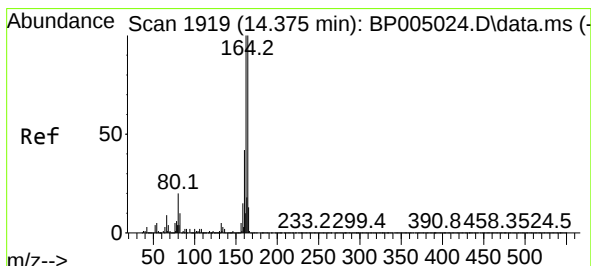
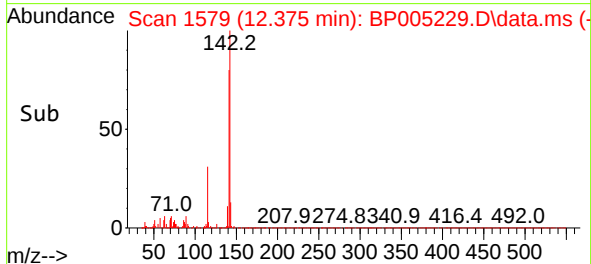
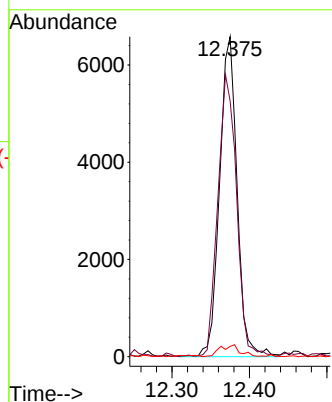
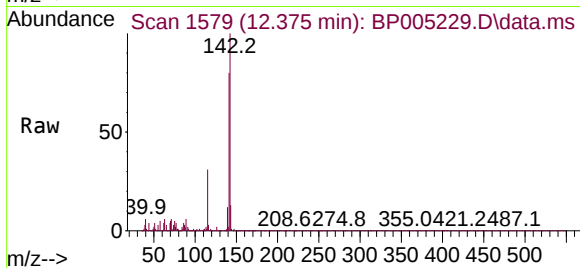




#38
1-Methylnaphthalene
Concen: 3.85 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

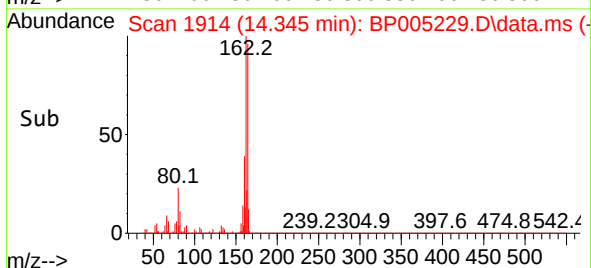
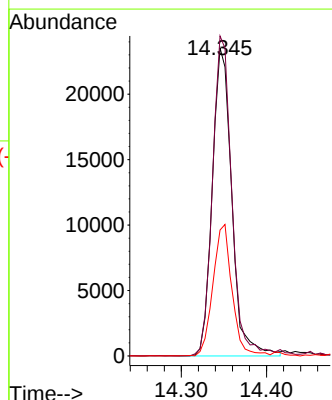
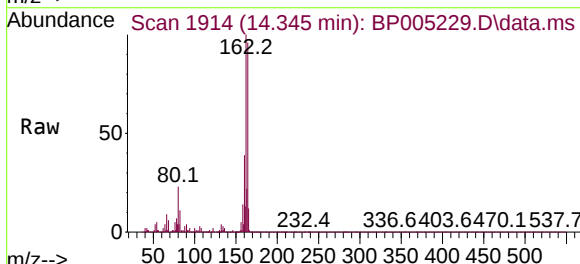
Instrument :
BNA_P
ClientSampleId :

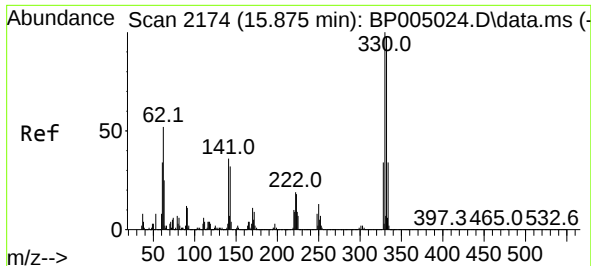
Tgt Ion:142 Resp: 10346
Ion Ratio Lower Upper
142 100
141 79.9 74.4 111.6
116 3.2 2.9 4.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1914
Delta R.T. -0.006 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

Tgt Ion:164 Resp: 37409
Ion Ratio Lower Upper
164 100
162 103.9 79.4 119.2
160 40.9 36.1 54.1

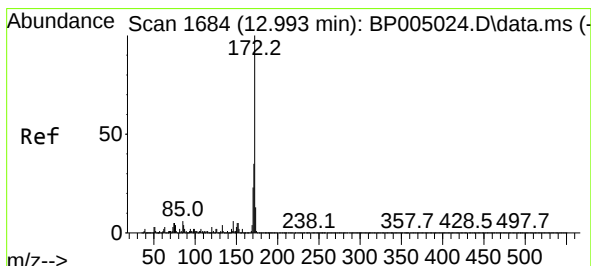
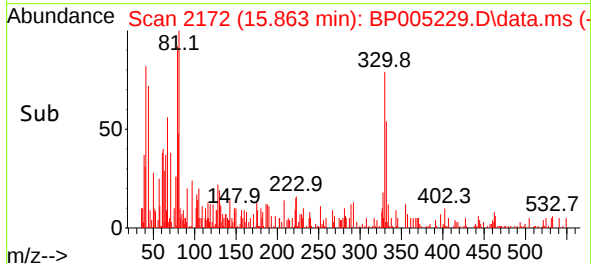
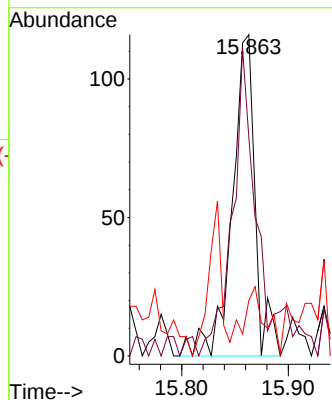
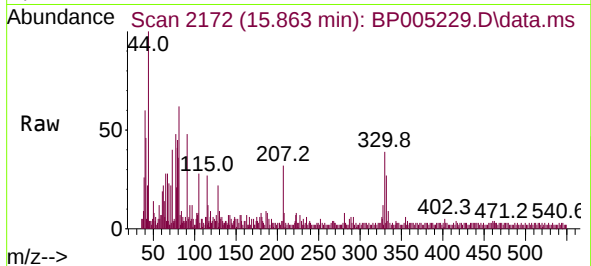




#42
2,4,6-Tribromophenol
Concen: 0.36 ng
RT: 15.863 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

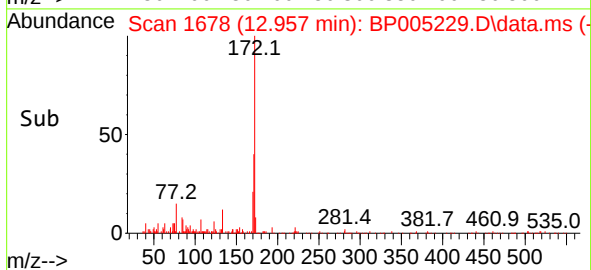
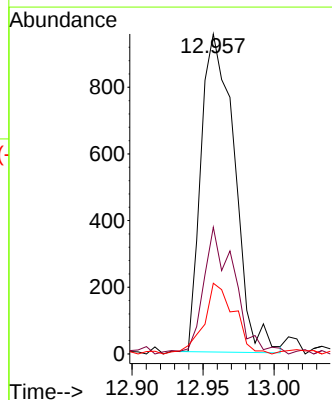
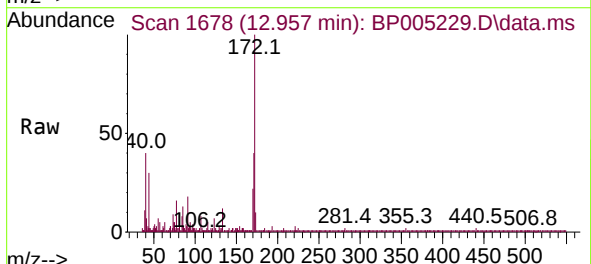
Instrument :
BNA_P
ClientSampled :

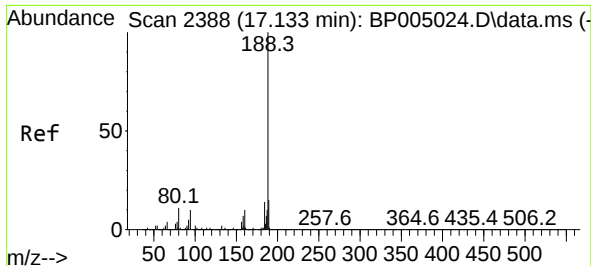
Tgt Ion: 330 Resp: 174
Ion Ratio Lower Upper
330 100
332 93.7 77.1 115.7
141 19.5 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 0.56 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.012 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

Tgt Ion: 172 Resp: 1558
Ion Ratio Lower Upper
172 100
171 39.6 28.5 42.7
170 22.1 19.2 28.8

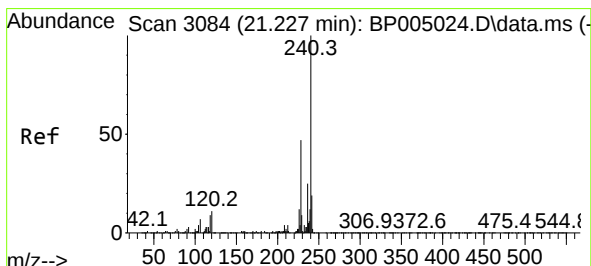
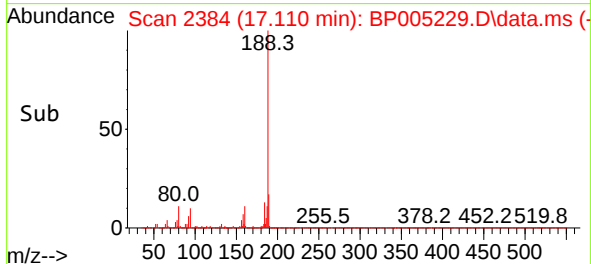
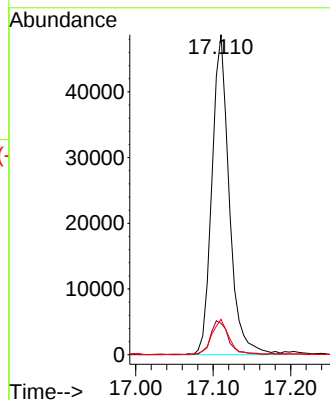
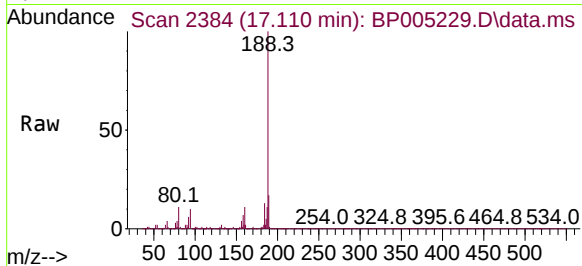




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.110 min Scan# 2384
Delta R.T. -0.006 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

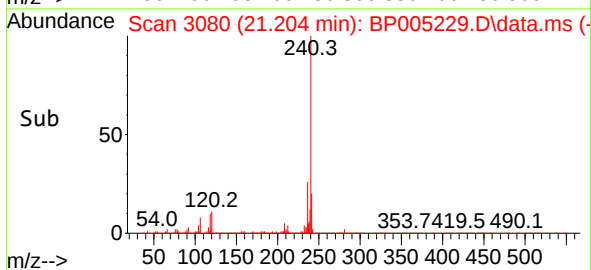
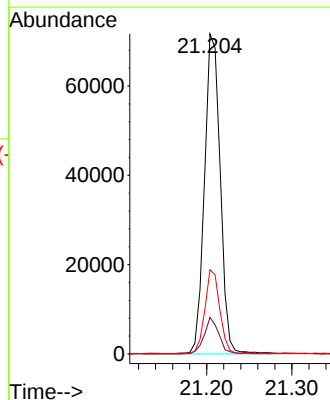
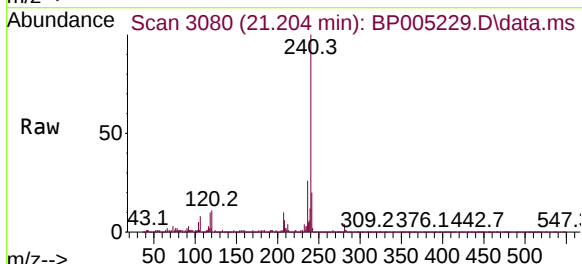
Instrument :
BNA_P
ClientSampleId :

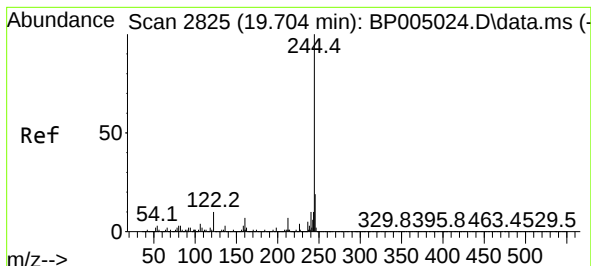
Tgt Ion:188 Resp: 75693
Ion Ratio Lower Upper
188 100
94 9.8 6.2 9.2#
80 11.0 6.2 9.2#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.012 min
Lab File: BP005229.D
Acq: 07 Apr 2021 19:59

Tgt Ion:240 Resp: 92229
Ion Ratio Lower Upper
240 100
120 11.4 7.8 11.6
236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 0.48 ng

RT: 19.680 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BP005229.D

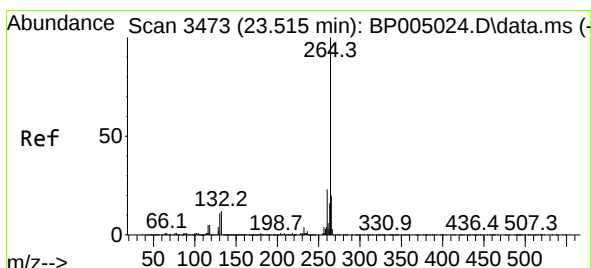
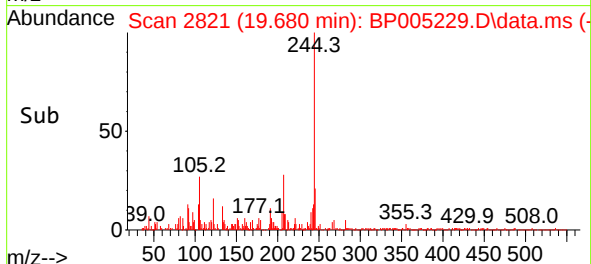
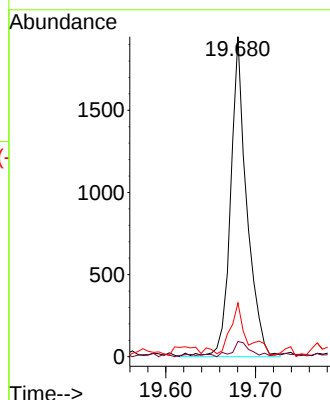
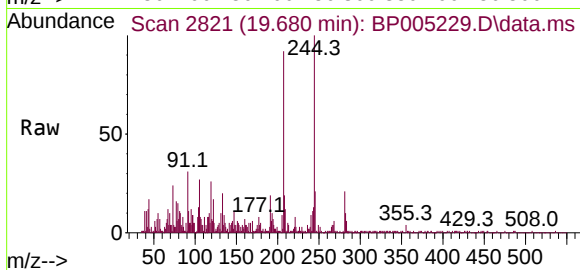
Acq: 07 Apr 2021 19:59

Instrument :

BNA_P

ClientSampled :

Tgt Ion:244	Resp:	2440
Ion Ratio	Lower	Upper
244	100	
212	4.8	5.8 8.6#
122	16.8	7.8 11.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.486 min Scan# 3468

Delta R.T. -0.006 min

Lab File: BP005229.D

Acq: 07 Apr 2021 19:59

Tgt Ion:264	Resp:	106284
Ion Ratio	Lower	Upper
264	100	
260	22.7	18.8 28.2
265	20.8	17.4 26.2

