

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041221\
 Data File : BP005269.D
 Acq On : 12 Apr 2021 16:51
 Operator : CG/JU
 Sample : M1967-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB2-B

Quant Time: Apr 12 19:18:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 09 18:44:11 2021
 Response via : Initial Calibration

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

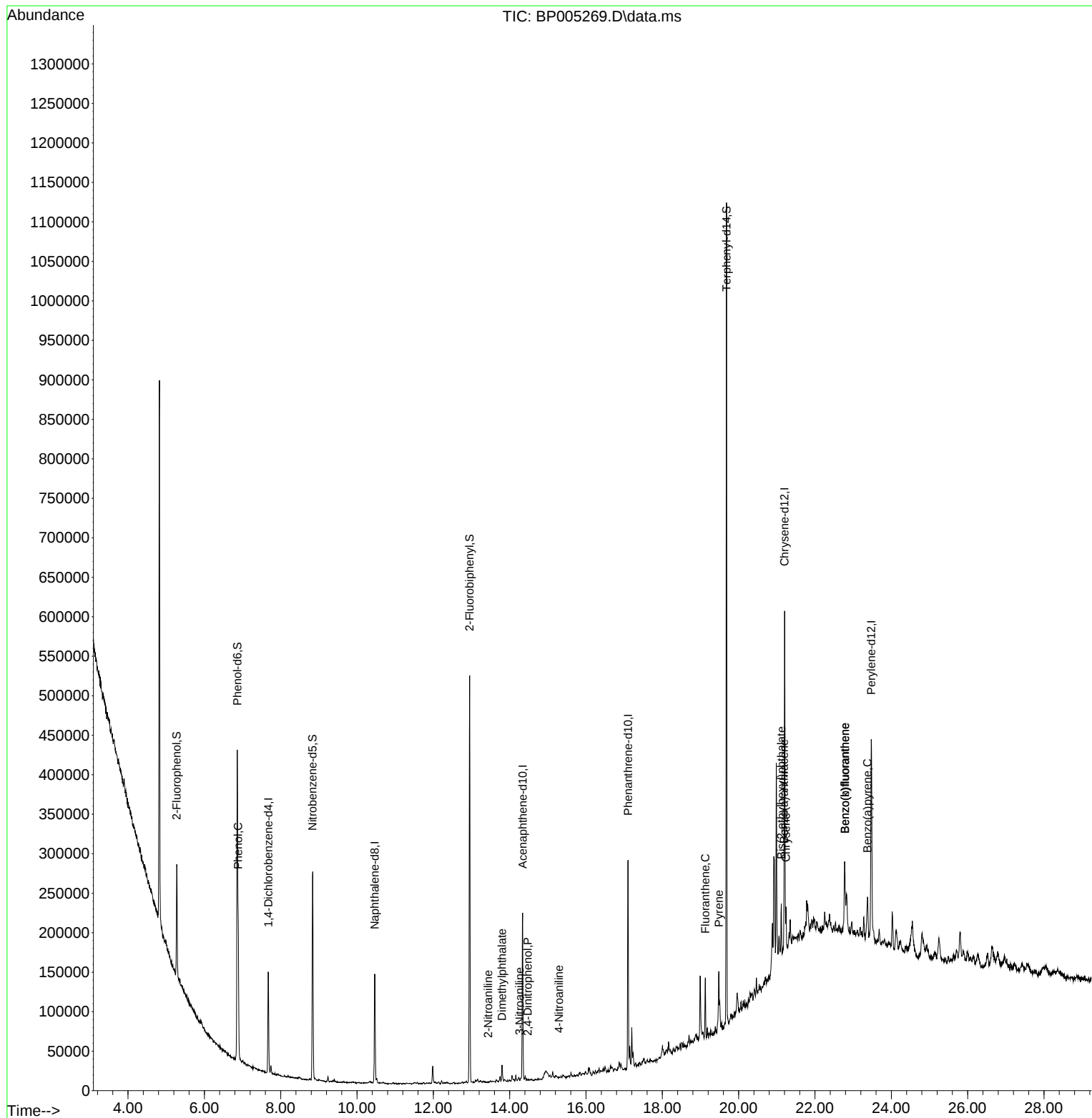
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	28052	20.00	ng	# 0.00
21) Naphthalene-d8	10.463	136	95051	20.00	ng	# 0.00
39) Acenaphthene-d10	14.340	164	57155	20.00	ng	0.00
64) Phenanthrene-d10	17.104	188	135090	20.00	ng	# 0.00
76) Chrysene-d12	21.204	240	168026	20.00	ng	0.00
86) Perylene-d12	23.474	264	174828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	59902	22.41	ng	0.00
7) Phenol-d6	6.864	99	207234	67.95	ng	0.00
23) Nitrobenzene-d5	8.834	82	164708	54.65	ng	0.00
42) 2,4,6-Tribromophenol	15.840	330	534	0.74	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	210905	49.82	ng	0.00
79) Terphenyl-d14	19.681	244	382958	44.77	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.887	94	83992	26.89	ng	72
48) 2-Nitroaniline	13.434	65	96	3.58	ng	# 1
50) Dimethylphthalate	13.798	163	9688	2.31	ng	# 98
53) 3-Nitroaniline	14.263	138	97	2.57	ng	# 6
54) 2,4-Dinitrophenol	14.475	184	17	6.18	ng	# 1
62) 4-Nitroaniline	15.293	138	25	2.10	ng	89
75) Fluoranthene	19.128	202	38299	4.09	ng	96
78) Pyrene	19.481	202	41699	3.99	ng	99
81) Benzo(a)anthracene	21.186	228	26122	2.36	ng	97
83) Chrysene	21.239	228	27787	2.58	ng	96
84) Bis(2-ethylhexyl)phtha...	21.116	149	17000	2.77	ng	95
88) Benzo(b)fluoranthene	22.786	252	52799	4.61	ng	# 91
89) Benzo(k)fluoranthene	22.786	252	52799	4.81	ng	# 92
90) Benzo(a)pyrene	23.374	252	28818	2.72	ng	# 90

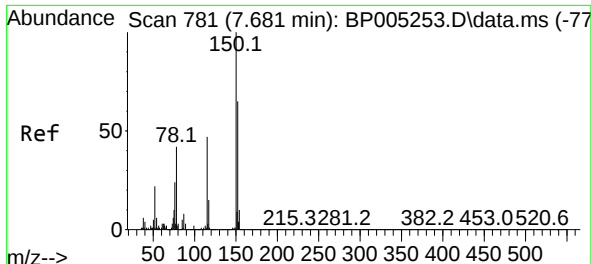
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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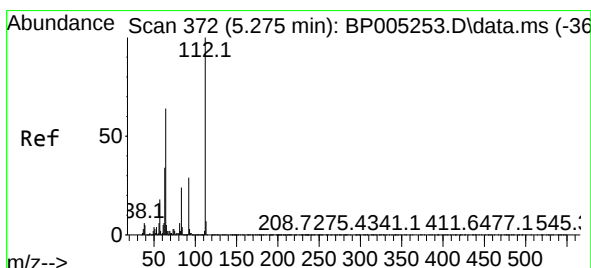
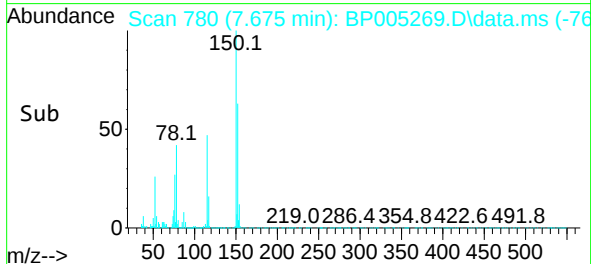
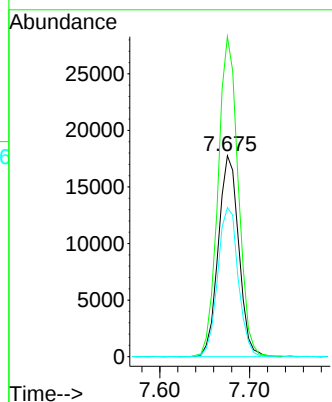
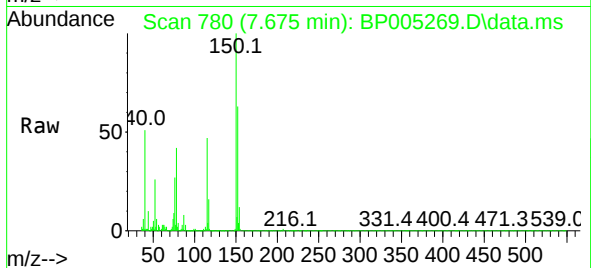




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

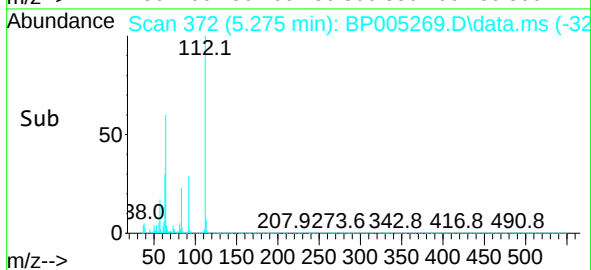
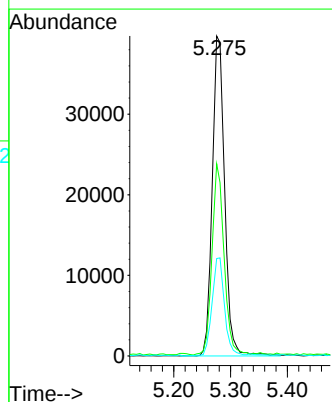
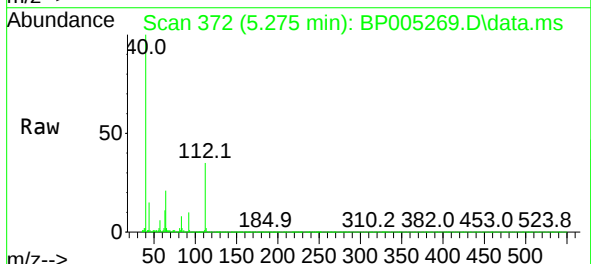
Instrument :
BNA_P
ClientSampleId :
SB2-B

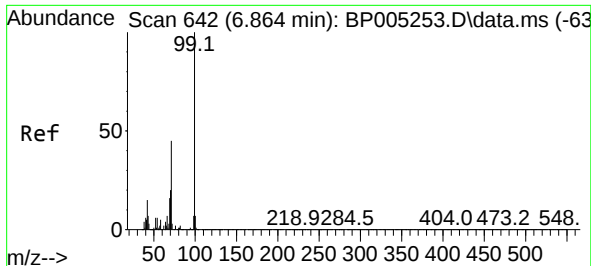
Tgt Ion:152 Resp: 28052
Ion Ratio Lower Upper
152 100
150 159.2 123.8 185.6
115 74.1 43.8 65.6#



#5
2-Fluorophenol
Concen: 22.41 ng
RT: 5.275 min Scan# 372
Delta R.T. 0.000 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

Tgt Ion:112 Resp: 59902
Ion Ratio Lower Upper
112 100
64 60.0 32.8 49.2#
63 30.5 17.0 25.4#

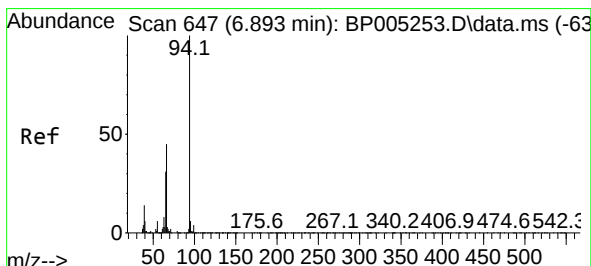
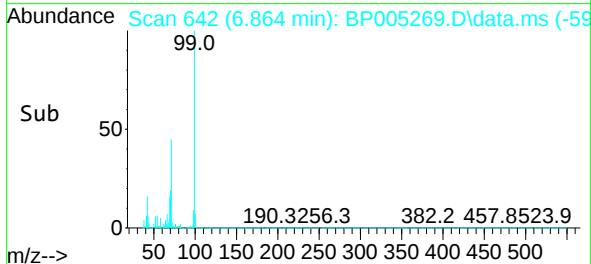
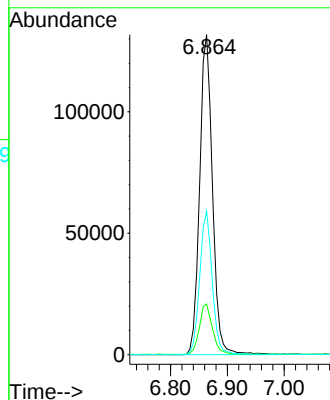
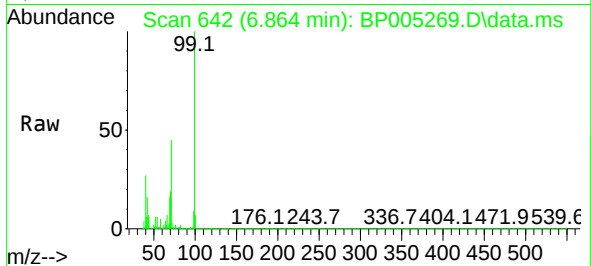




#7
Phenol-d6
Concen: 67.95 ng
RT: 6.864 min Scan# 642
Delta R.T. 0.000 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

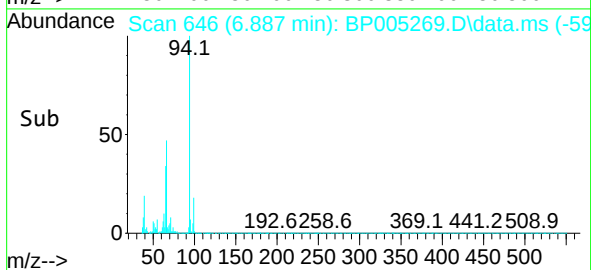
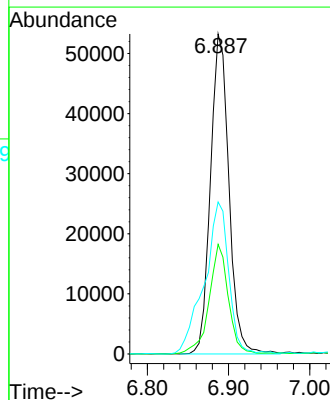
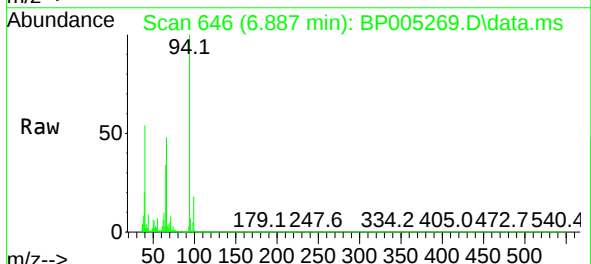
Instrument :
BNA_P
ClientSampled :
SB2-B

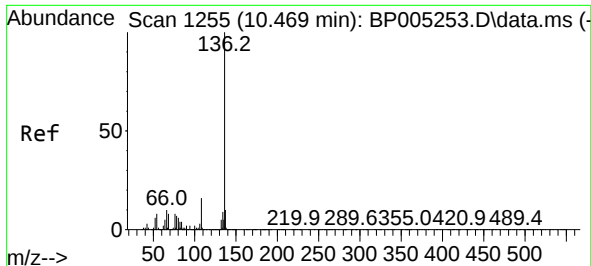
Tgt Ion: 99 Resp: 207234
Ion Ratio Lower Upper
99 100
42 15.9 8.6 13.0#
71 45.0 23.4 35.2#



#10
Phenol
Concen: 26.89 ng
RT: 6.887 min Scan# 646
Delta R.T. -0.006 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

Tgt Ion: 94 Resp: 83992
Ion Ratio Lower Upper
94 100
65 34.2 2.3 42.3
66 47.5 10.9 50.9

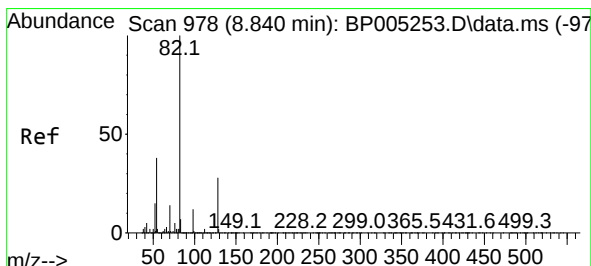
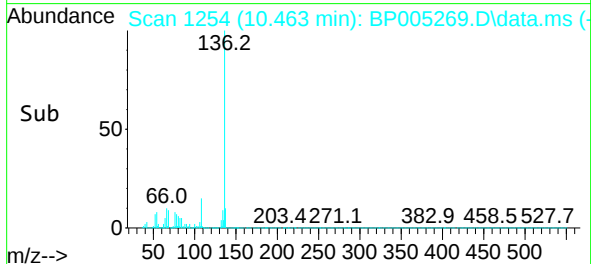
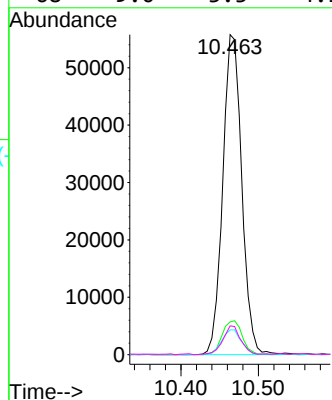
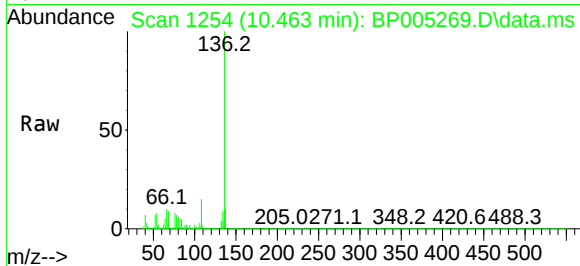




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

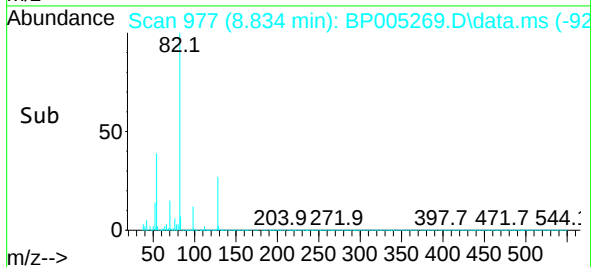
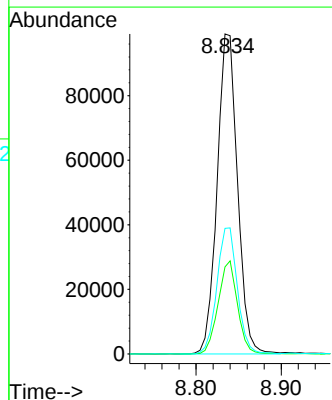
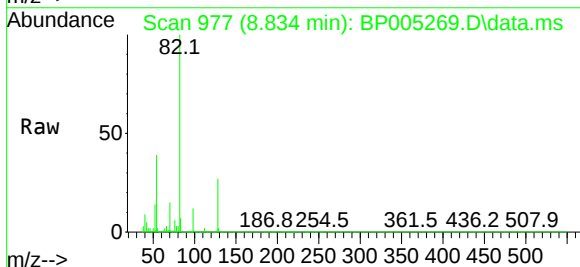
Instrument :
BNA_P
ClientSampleId :
SB2-B

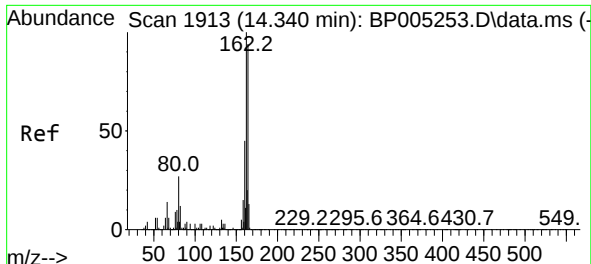
Tgt Ion:	136	Resp:	95051
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.6	13.0
54	7.7	3.6	5.4#
68	9.0	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 54.65 ng
RT: 8.834 min Scan# 977
Delta R.T. -0.006 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

Tgt Ion:	82	Resp:	164708
Ion Ratio	Lower	Upper	
82	100		
128	27.2	45.6	68.4#
54	39.3	30.1	45.1





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.340 min Scan# 1913

Delta R.T. -0.000 min

Lab File: BP005269.D

Acq: 12 Apr 2021 16:51

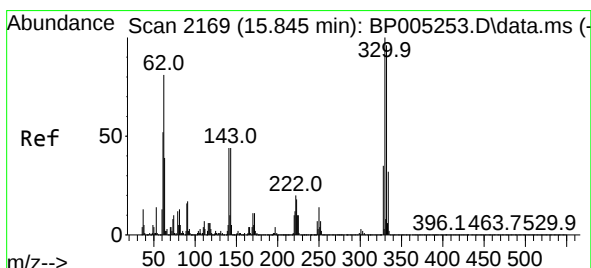
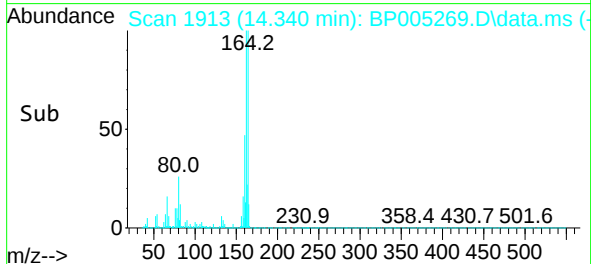
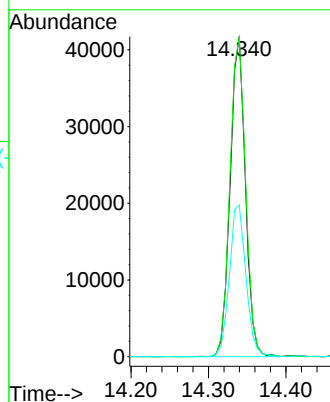
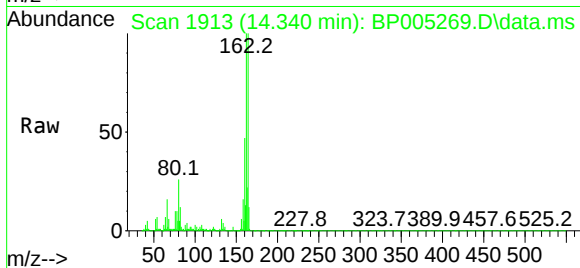
Instrument :

BNA_P

ClientSampleId :

SB2-B

Tgt Ion:164	Resp:	57155
Ion Ratio	Lower	Upper
164	100	
162	99.7	79.4 119.2
160	47.3	36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 0.74 ng

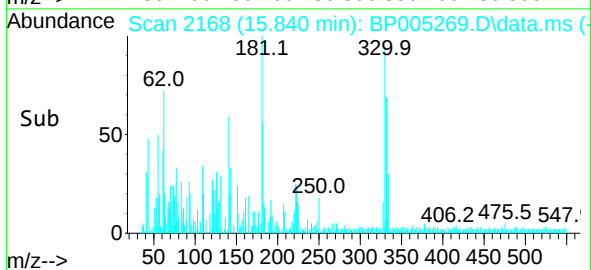
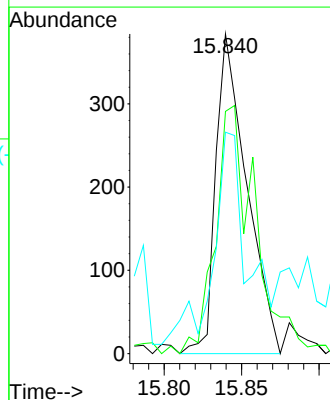
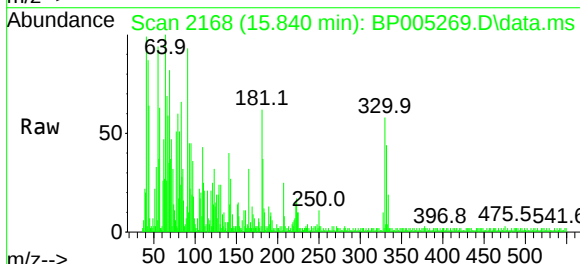
RT: 15.840 min Scan# 2168

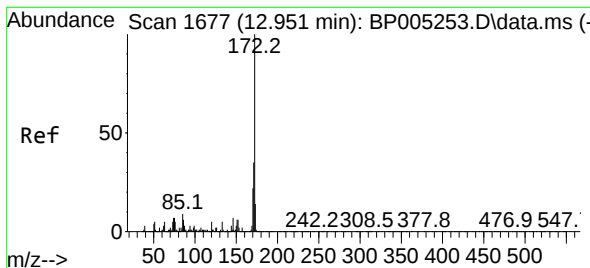
Delta R.T. -0.006 min

Lab File: BP005269.D

Acq: 12 Apr 2021 16:51

Tgt Ion:330	Resp:	534
Ion Ratio	Lower	Upper
330	100	
332	100.9	77.1 115.7
141	71.7	23.4 35.2#

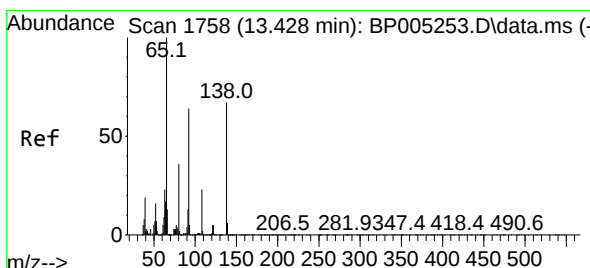
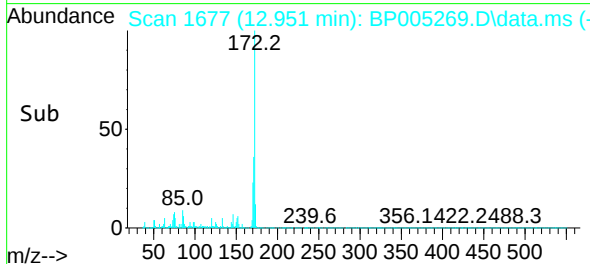
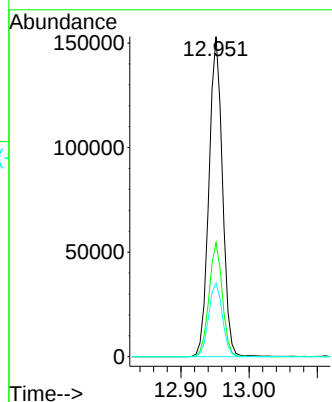
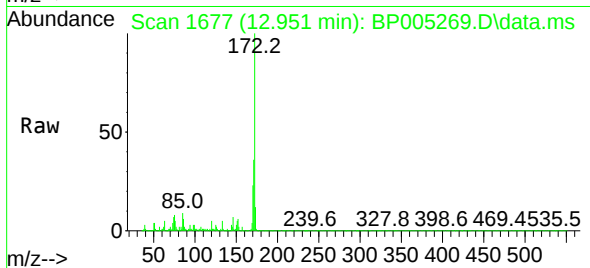




#45
2-Fluorobiphenyl
Concen: 49.82 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

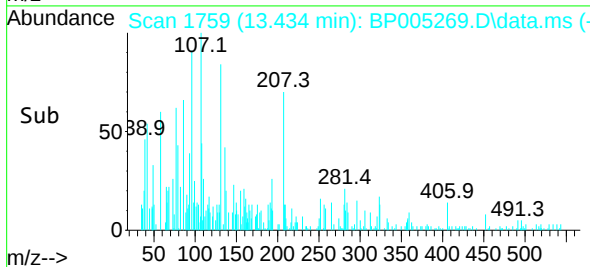
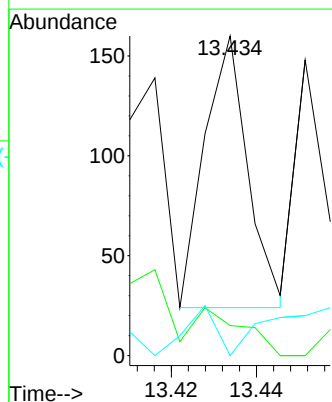
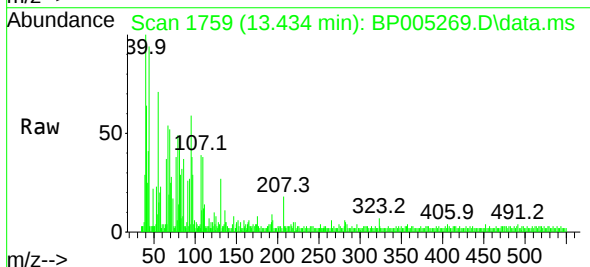
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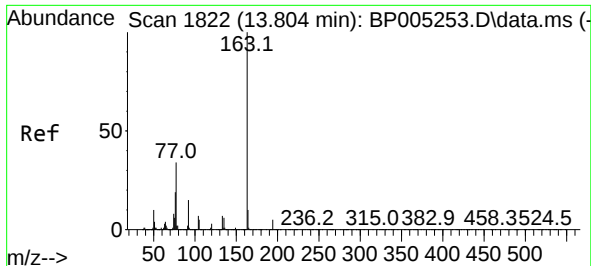
Tgt Ion:	172	Resp:	210905
Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.5	42.7
170	22.8	19.2	28.8



#48
2-Nitroaniline
Concen: 3.58 ng
RT: 13.434 min Scan# 1759
Delta R.T. 0.006 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

Tgt Ion:	65	Resp:	96
Ion	Ratio	Lower	Upper
65	100		
92	9.4	70.6	106.0#
138	0.0	133.6	200.4#

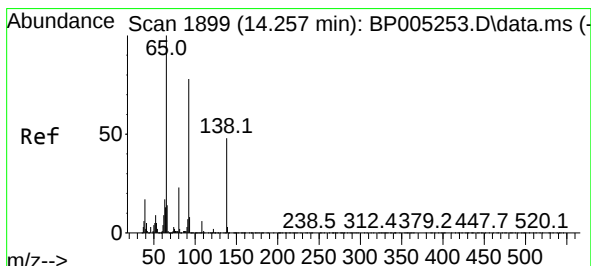
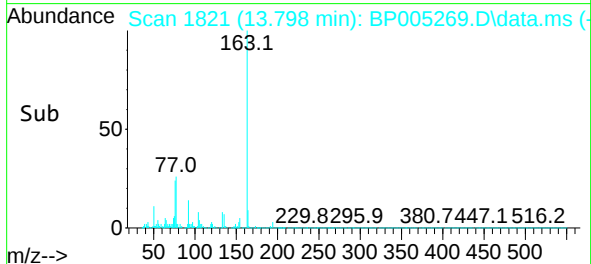
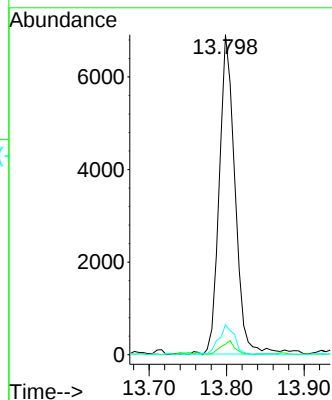
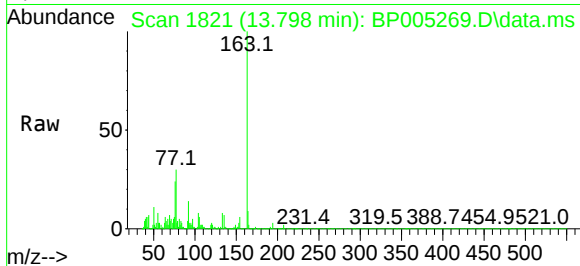




#50
Dimethylphthalate
Concen: 2.31 ng
RT: 13.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

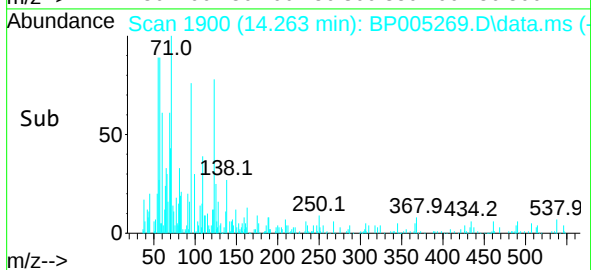
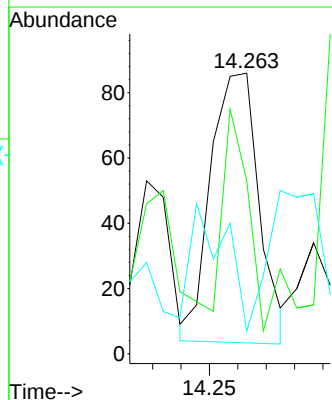
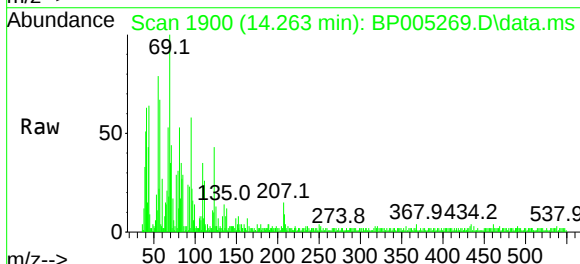
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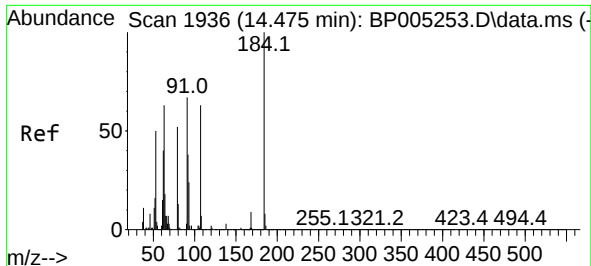
Tgt Ion:163 Resp: 9688
Ion Ratio Lower Upper
163 100
194 3.3 3.3 4.9#
164 9.4 8.2 12.2



#53
3-Nitroaniline
Concen: 2.57 ng
RT: 14.263 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

Tgt Ion:138 Resp: 97
Ion Ratio Lower Upper
138 100
108 61.6 7.5 11.3#
92 8.1 75.0 112.6#

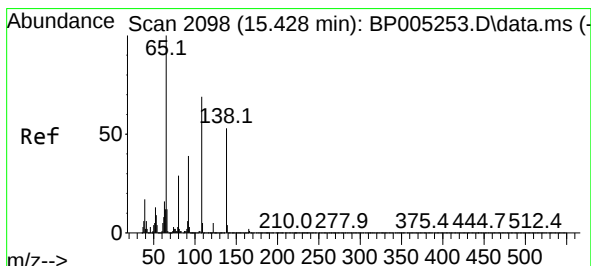
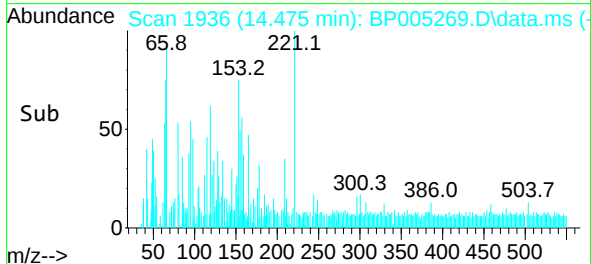
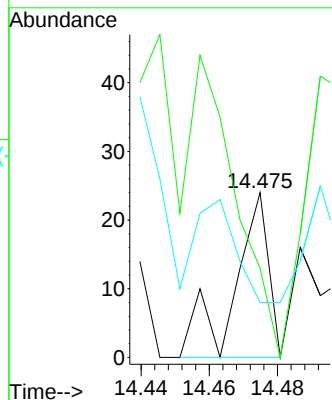
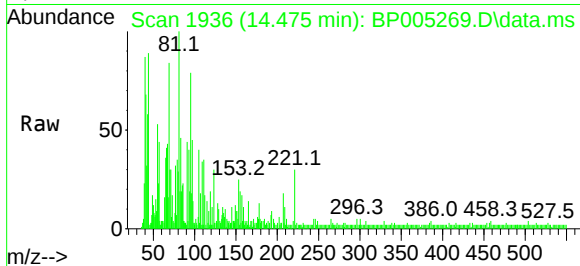




#54
2,4-Dinitrophenol
Concen: 6.18 ng
RT: 14.475 min Scan# 1936
Delta R.T. -0.000 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

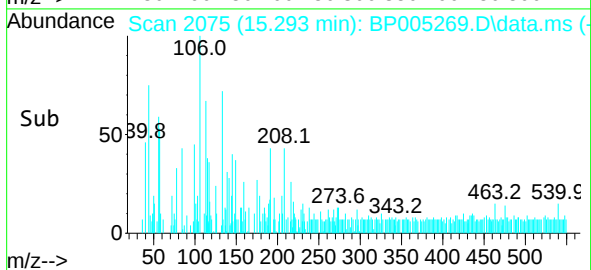
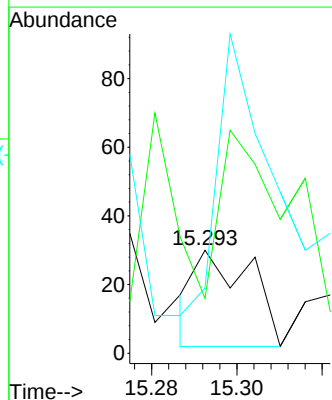
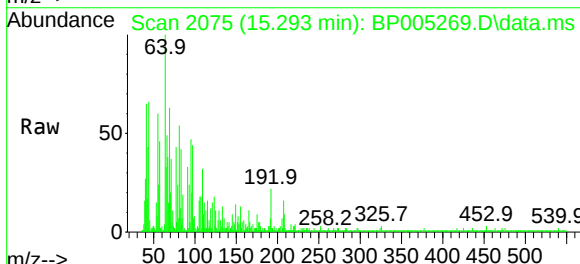
Instrument :
BNA_P
ClientSampled :
SB2-B

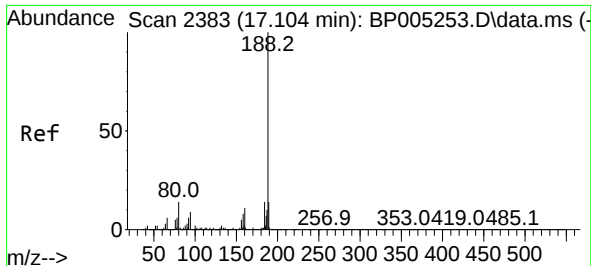
Tgt Ion:184	Resp:	17	
Ion	Ratio	Lower	Upper
184	100		
63	366.7	32.3	48.5#
154	33.3	49.1	73.7#



#62
4-Nitroaniline
Concen: 2.10 ng
RT: 15.293 min Scan# 2075
Delta R.T. -0.135 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

Tgt	Ion:138	Resp:	25
Ion	Ratio	Lower	Upper
138	100		
92	53.3	20.7	60.7
108	63.3	47.8	87.8

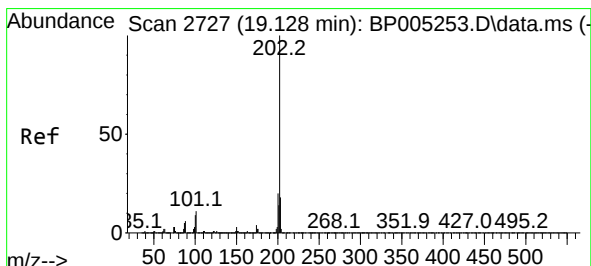
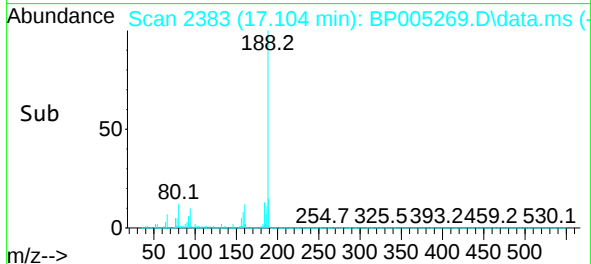
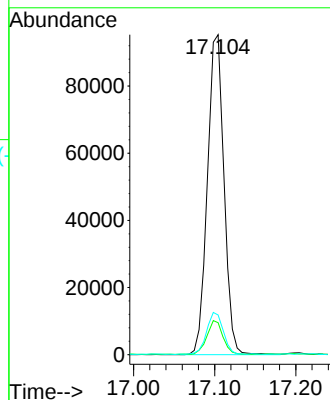
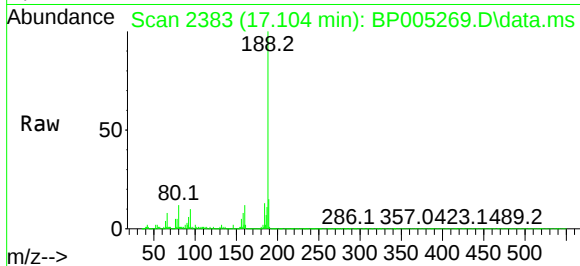




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

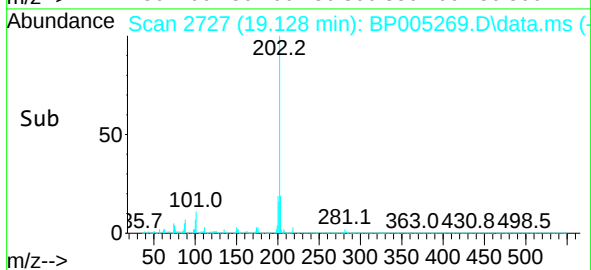
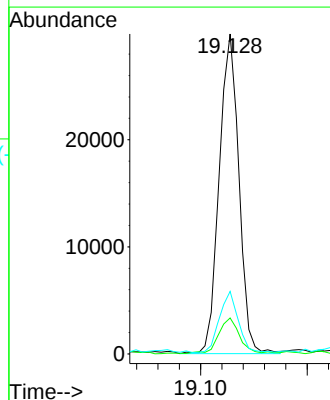
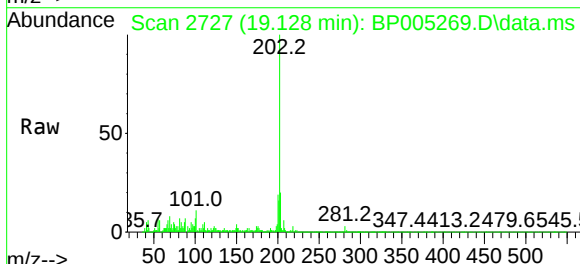
Instrument :
BNA_P
ClientSampleId :
SB2-B

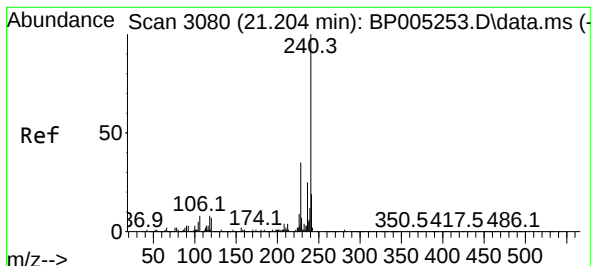
Tgt Ion:188 Resp: 135090
Ion Ratio Lower Upper
188 100
94 10.0 6.2 9.2#
80 12.4 6.2 9.2#



#75
Fluoranthene
Concen: 4.09 ng
RT: 19.128 min Scan# 2727
Delta R.T. 0.000 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

Tgt Ion:202 Resp: 38299
Ion Ratio Lower Upper
202 100
101 11.2 0.0 29.4
203 19.6 0.0 37.8





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.204 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BP005269.D

Acq: 12 Apr 2021 16:51

Instrument :

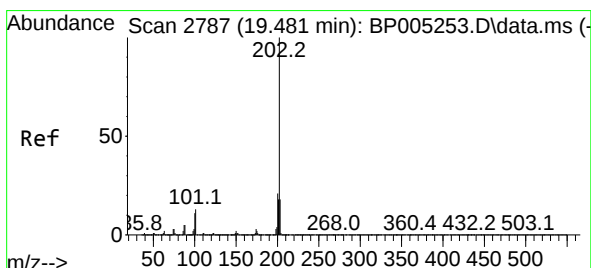
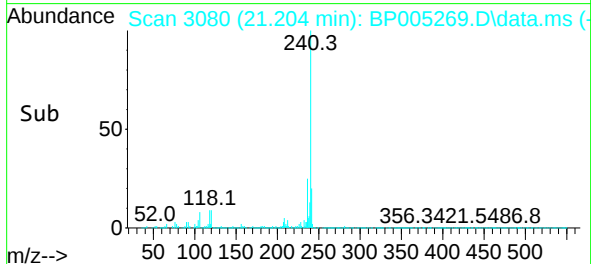
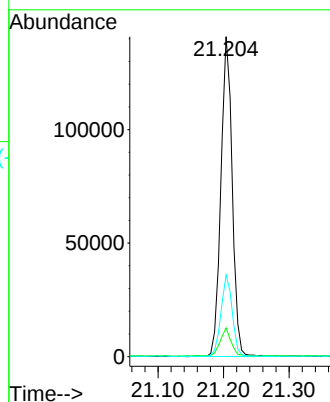
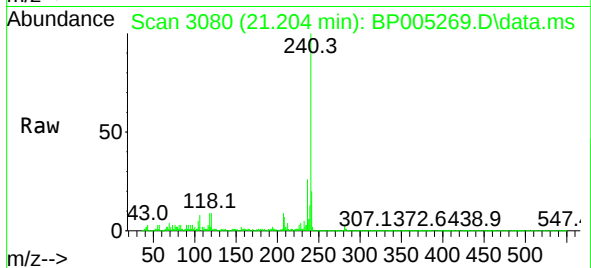
BNA_P

ClientSampleId :

SB2-B

Tgt Ion:240 Resp: 168026

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.8	11.6
236	25.6	20.8	31.2



#78

Pyrene

Concen: 3.99 ng

RT: 19.481 min Scan# 2787

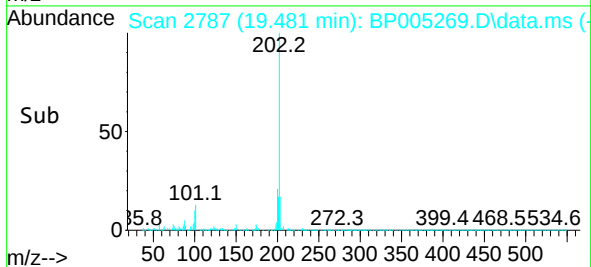
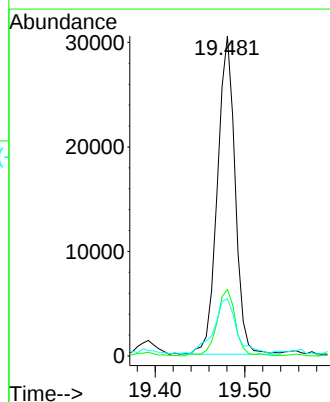
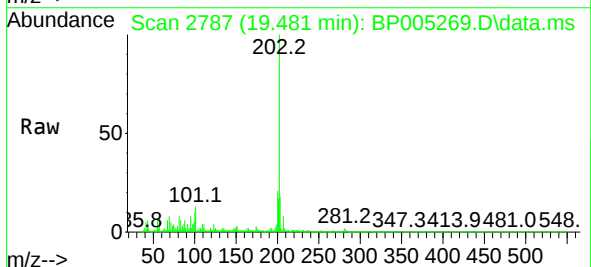
Delta R.T. -0.000 min

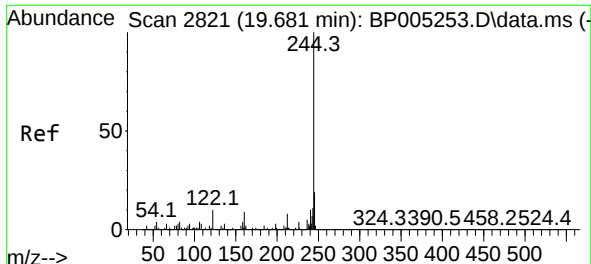
Lab File: BP005269.D

Acq: 12 Apr 2021 16:51

Tgt Ion:202 Resp: 41699

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.1	25.7
203	17.9	14.2	21.2

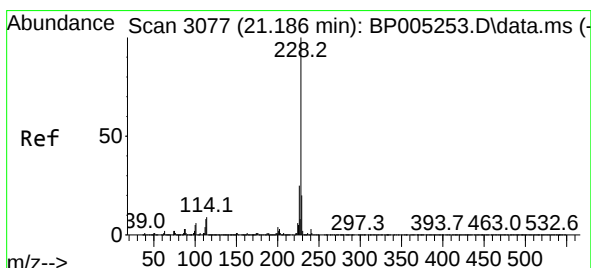
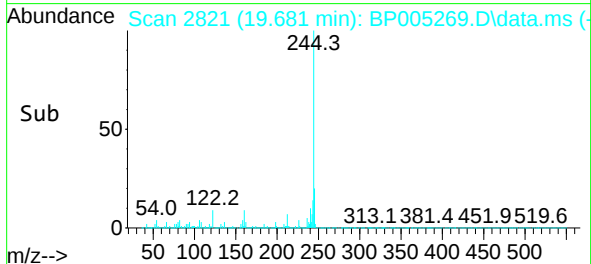
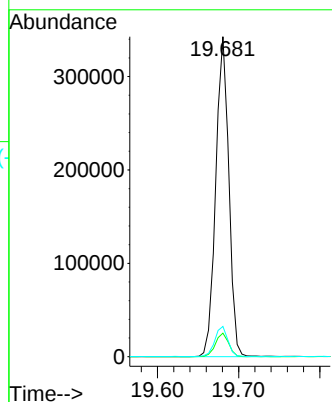
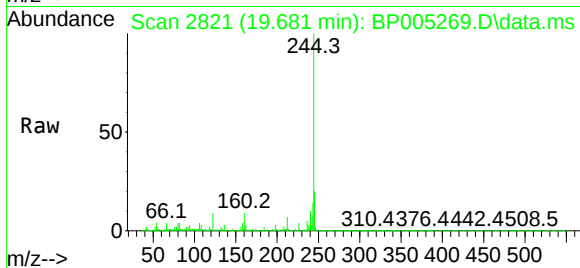




#79
Terphenyl-d14
Concen: 44.77 ng
RT: 19.681 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

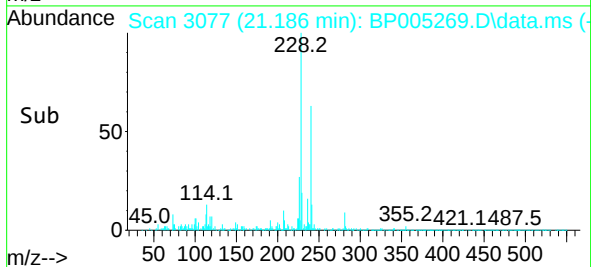
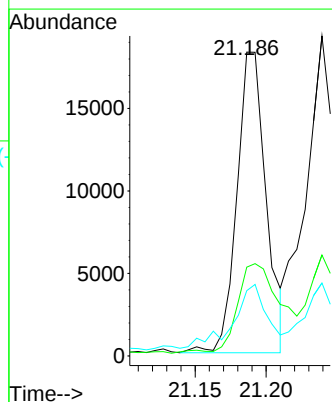
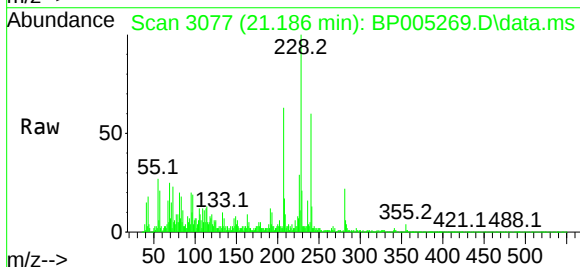
Instrument :
BNA_P
ClientSampleId :
SB2-B

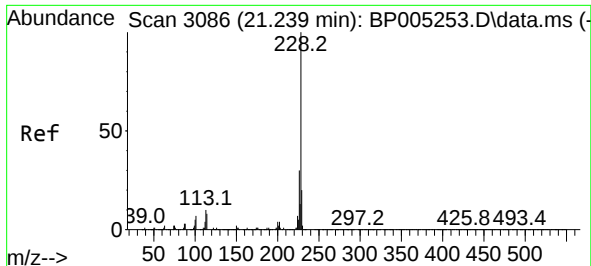
Tgt Ion:244 Resp: 382958
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 9.5 7.8 11.8



#81
Benzo(a)anthracene
Concen: 2.36 ng
RT: 21.186 min Scan# 3077
Delta R.T. 0.000 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

Tgt Ion:228 Resp: 26122
Ion Ratio Lower Upper
228 100
226 29.2 22.1 33.1
229 21.5 15.9 23.9

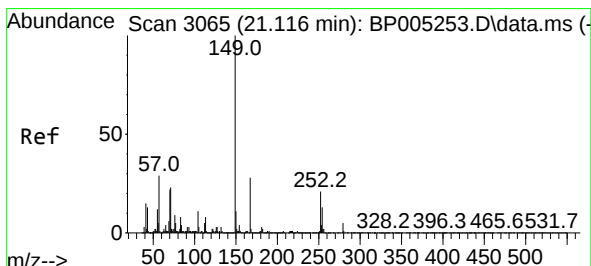
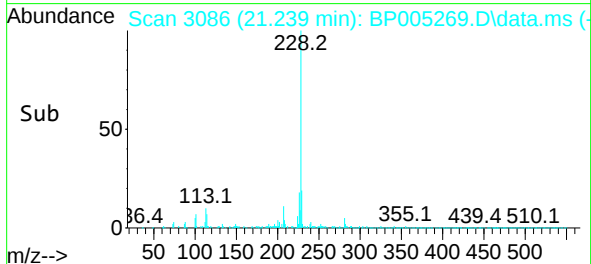
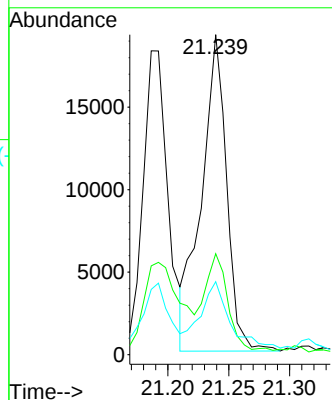
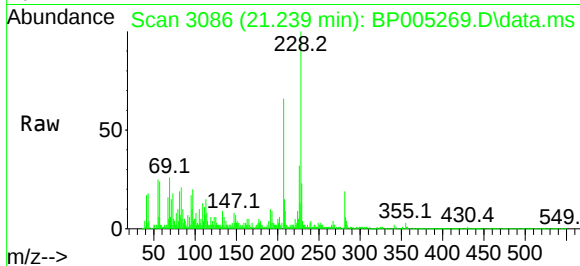




#83
Chrysene
Concen: 2.58 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.000 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

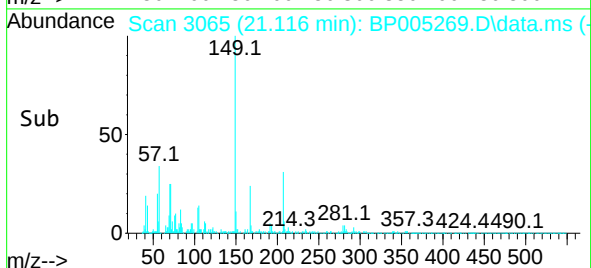
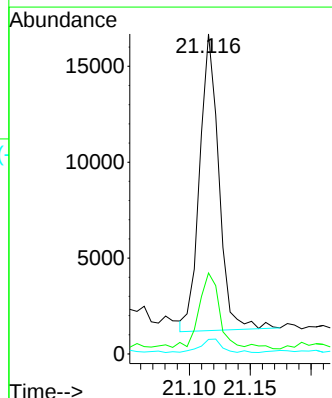
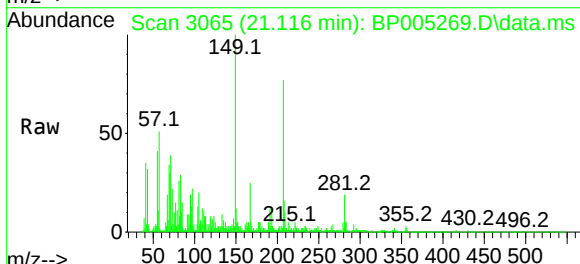
Instrument :
BNA_P
ClientSampleId :
SB2-B

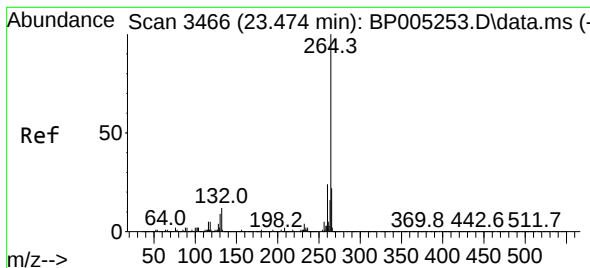
Tgt Ion:	228	Resp:	27787
Ion Ratio	Lower	Upper	
228	100		
226	31.5	24.4	36.6
229	22.8	15.8	23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.77 ng
RT: 21.116 min Scan# 3065
Delta R.T. 0.000 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

Tgt Ion:	149	Resp:	17000
Ion Ratio	Lower	Upper	
149	100		
167	25.3	22.6	34.0
279	4.6	4.2	6.2





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.474 min Scan# 3466

Delta R.T. 0.000 min

Lab File: BP005269.D

Acq: 12 Apr 2021 16:51

Instrument :

BNA_P

ClientSampleId :

SB2-B

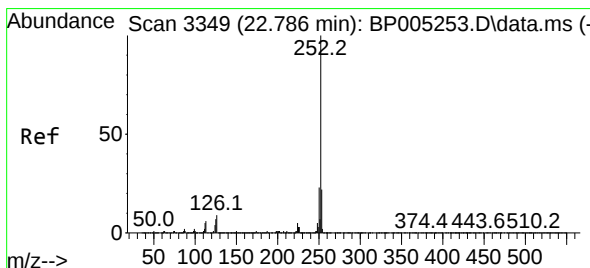
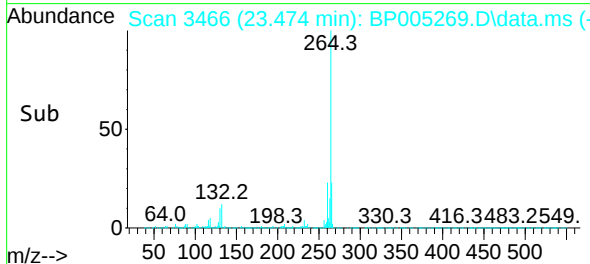
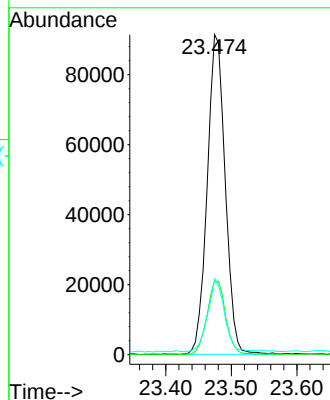
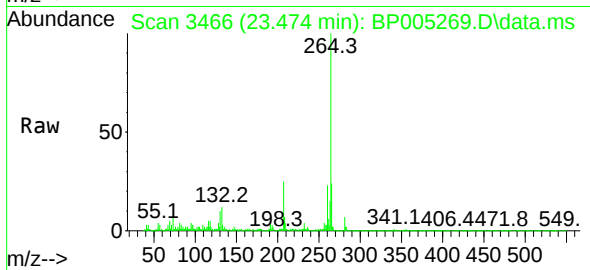
Tgt Ion:264 Resp: 174828

Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 23.6 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 4.61 ng

RT: 22.786 min Scan# 3349

Delta R.T. 0.000 min

Lab File: BP005269.D

Acq: 12 Apr 2021 16:51

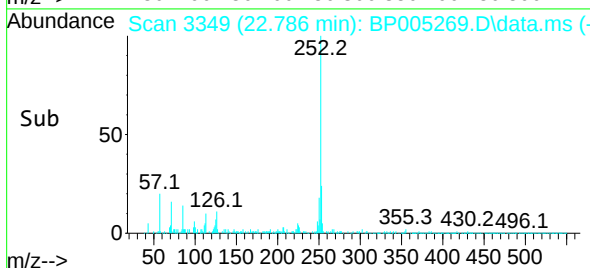
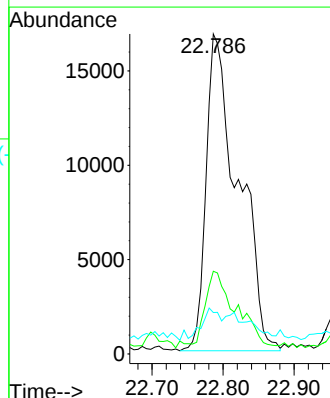
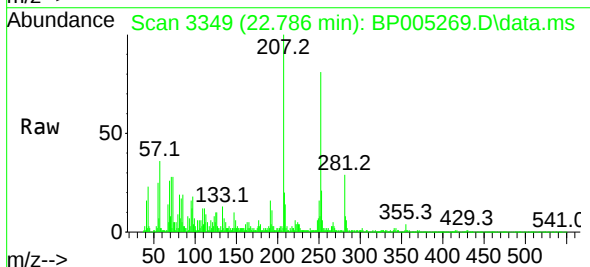
Tgt Ion:252 Resp: 52799

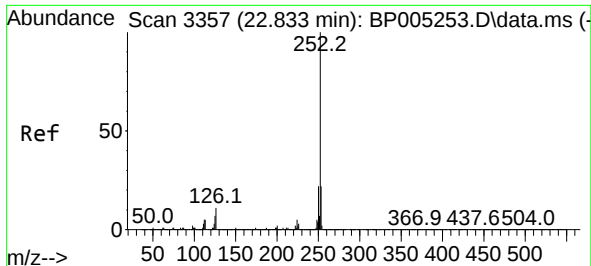
Ion Ratio Lower Upper

252 100

253 25.9 17.6 26.4

125 13.0 7.3 10.9#

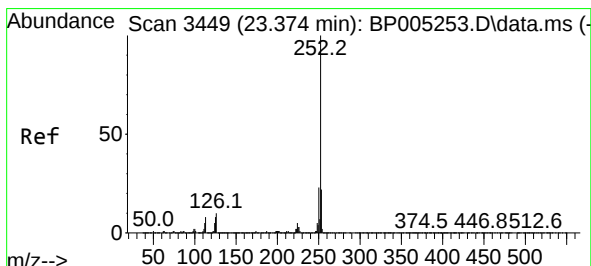
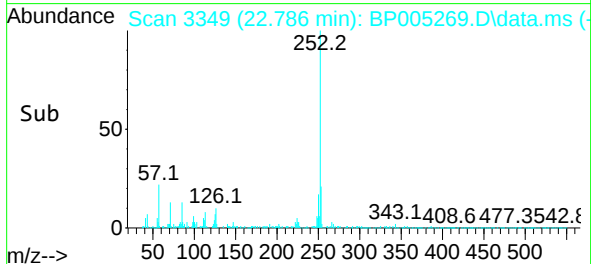
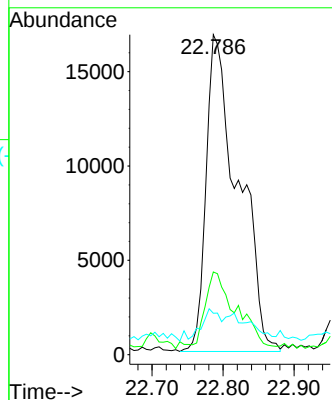
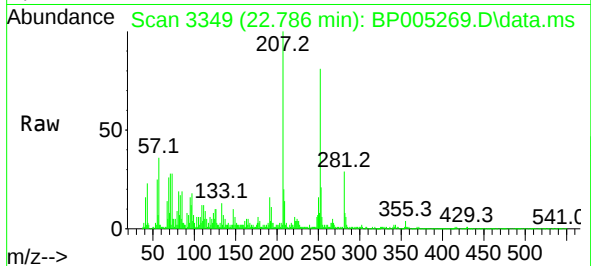




#89
Benzo(k)fluoranthene
Concen: 4.81 ng
RT: 22.786 min Scan# 3349
Delta R.T. -0.047 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

Instrument :
BNA_P
ClientSampleId :
SB2-B

Tgt Ion:252 Resp: 52799
Ion Ratio Lower Upper
252 100
253 25.9 17.8 26.8
125 13.0 7.4 11.2#



#90
Benzo(a)pyrene
Concen: 2.72 ng
RT: 23.374 min Scan# 3449
Delta R.T. 0.000 min
Lab File: BP005269.D
Acq: 12 Apr 2021 16:51

Tgt Ion:252 Resp: 28818
Ion Ratio Lower Upper
252 100
253 26.4 17.4 26.0#
125 14.1 8.2 12.4#

