

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP006081.D
 Acq On : 28 Jun 2021 17:15
 Operator : CG/JU
 Sample : M2866-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 124055

Quant Time: Jun 29 02:04:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 11:34:30 2021
 Response via : Initial Calibration

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

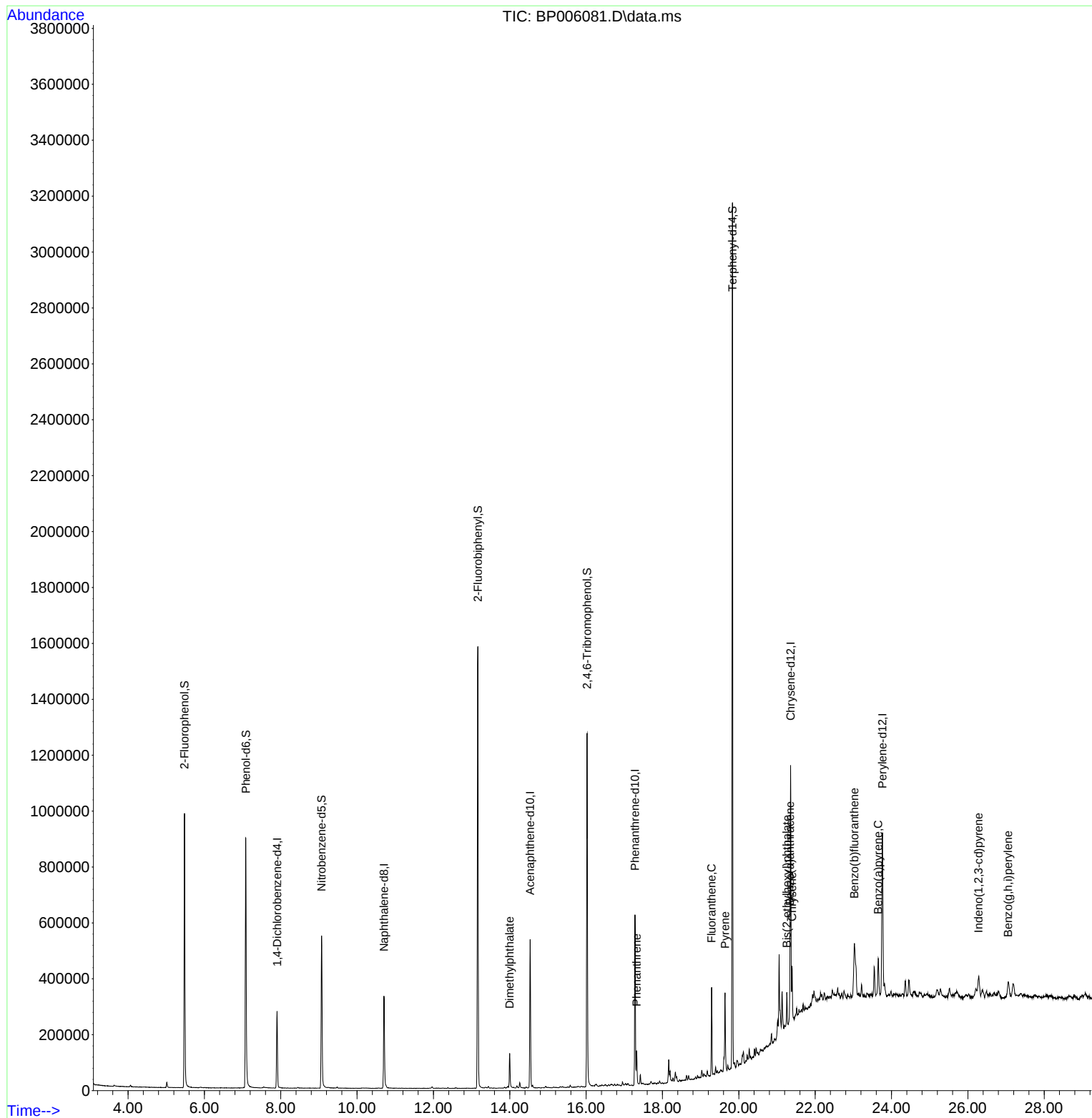
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	77979	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	301735	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	182052	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	369360	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	412153	20.000	ng	0.00
86) Perylene-d12	23.763	264	460657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	470032	96.722	ng	0.00
7) Phenol-d6	7.087	99	588830	93.483	ng	0.00
23) Nitrobenzene-d5	9.069	82	354824	57.653	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	284009	90.908	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	828555	59.763	ng	0.00
79) Terphenyl-d14	19.833	244	1361144	61.839	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.998	163	84323	5.633	ng	99
71) Phenanthrene	17.322	178	70753	3.190	ng	99
75) Fluoranthene	19.286	202	179747	6.673	ng	98
78) Pyrene	19.639	202	174425	6.062	ng	99
81) Benzo(a)anthracene	21.339	228	100648	3.383	ng	98
83) Chrysene	21.392	228	116975	4.059	ng	97
84) Bis(2-ethylhexyl)phtha...	21.257	149	42092	2.425	ng	99
87) Indeno(1,2,3-cd)pyrene	26.280	276	85395	2.168	ng	98
88) Benzo(b)fluoranthene	23.027	252	174165	5.520	ng	# 94
90) Benzo(a)pyrene	23.651	252	108467	3.657	ng	# 95
92) Benzo(g,h,i)perylene	27.057	276	83686	2.499	ng	96

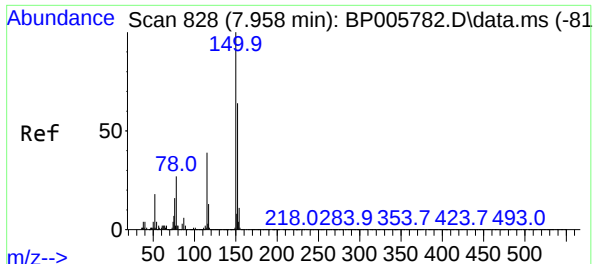
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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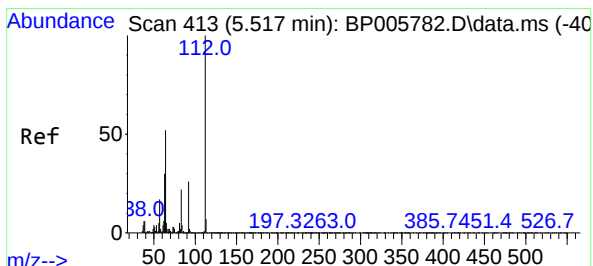
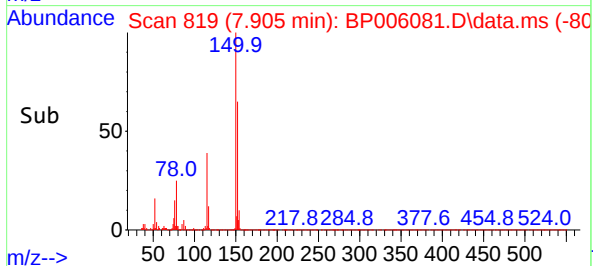
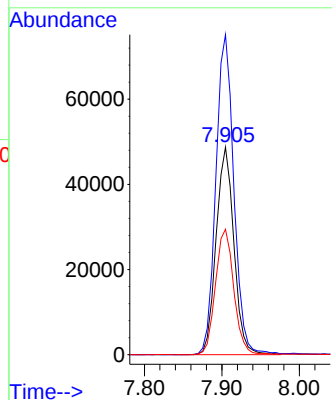
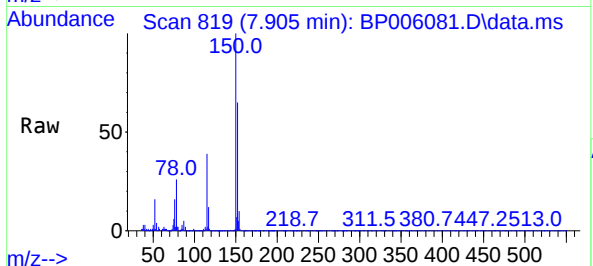




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

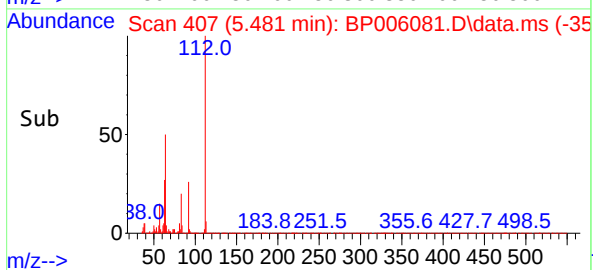
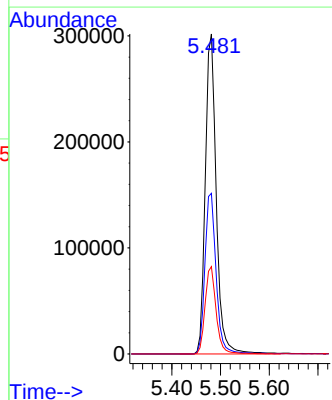
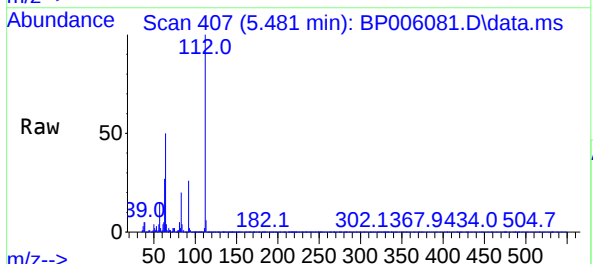
Instrument :
BNA_P
ClientSampleId :
124055

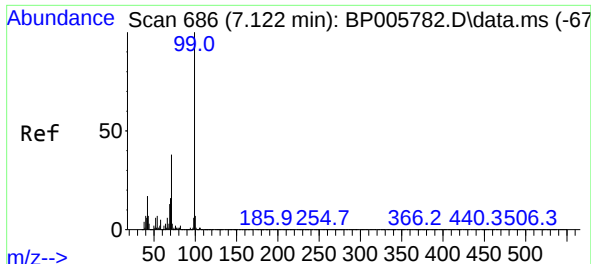
Tgt Ion:152 Resp: 77979
Ion Ratio Lower Upper
152 100
150 154.3 125.6 188.4
115 60.5 48.5 72.7



#5
2-Fluorophenol
Concen: 96.722 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Tgt Ion:112 Resp: 470032
Ion Ratio Lower Upper
112 100
64 50.2 41.4 62.2
63 27.3 23.8 35.8

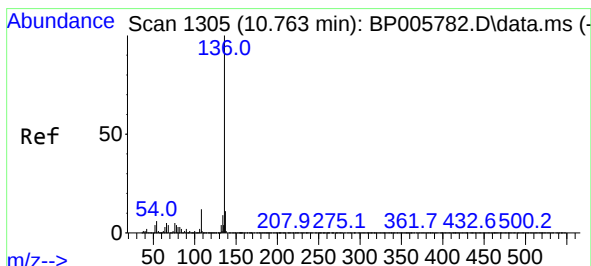
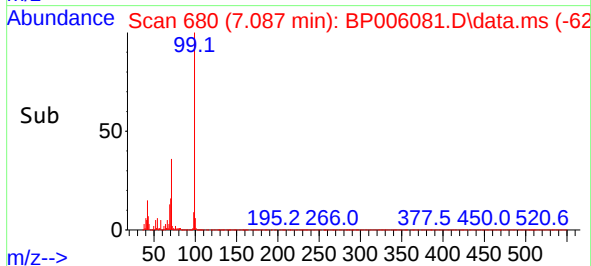
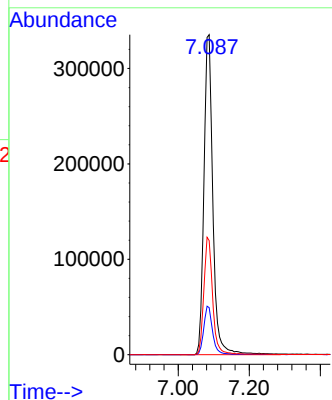
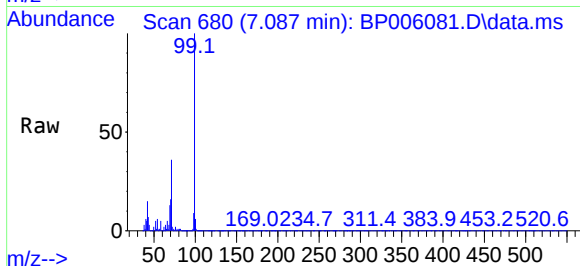




#7
Phenol-d6
Concen: 93.483 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

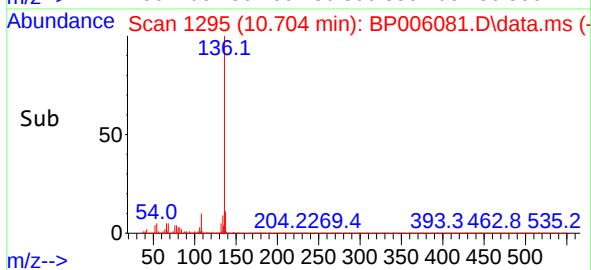
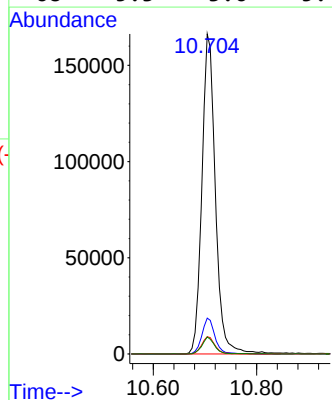
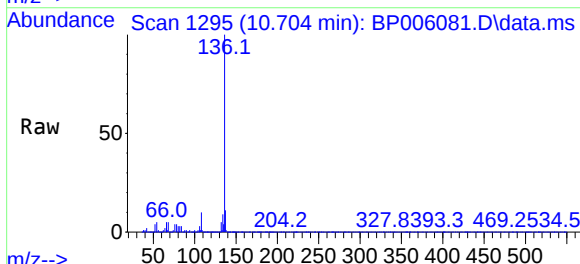
Instrument :
BNA_P
ClientSampleId :
124055

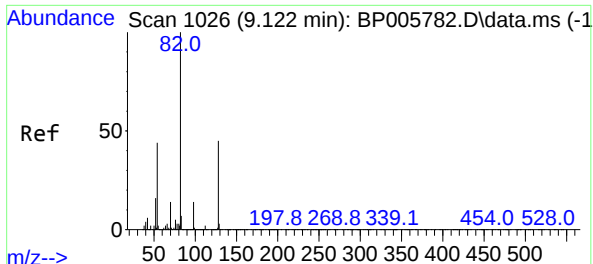
Tgt Ion: 99 Resp: 588830
Ion Ratio Lower Upper
99 100
42 14.7 13.4 20.0
71 35.7 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Tgt Ion: 136 Resp: 301735
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 5.4 4.6 6.8
68 5.3 3.6 5.4

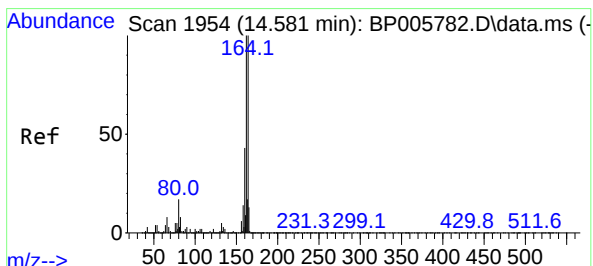
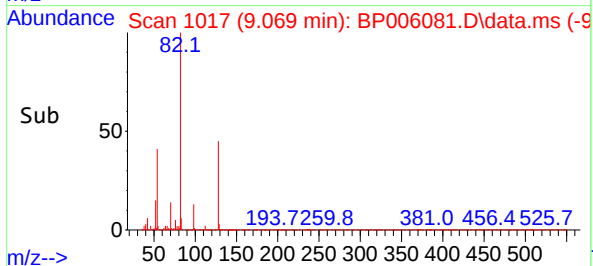
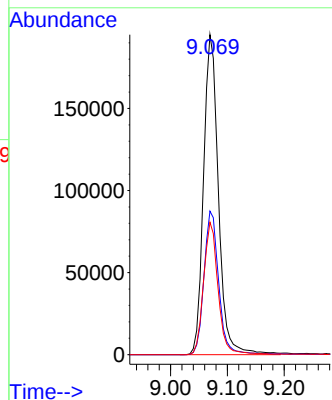
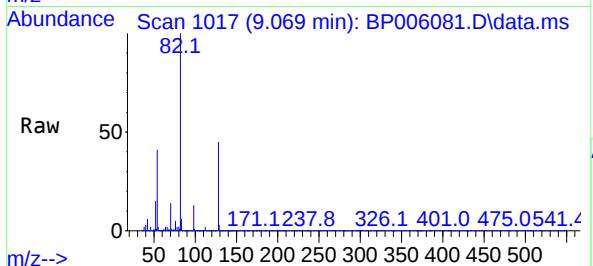




#23
Nitrobenzene-d5
Concen: 57.653 ng
RT: 9.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

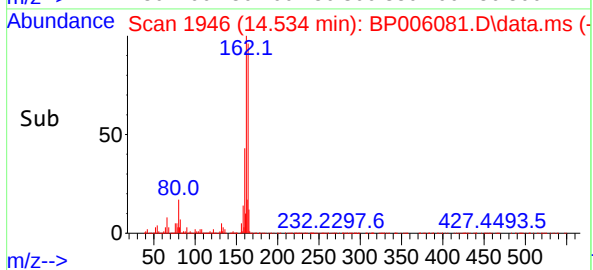
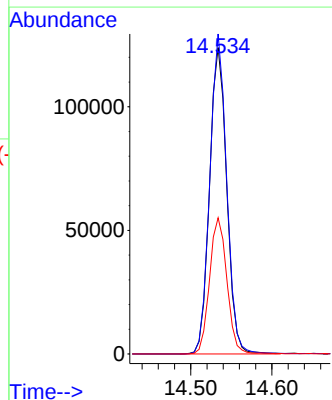
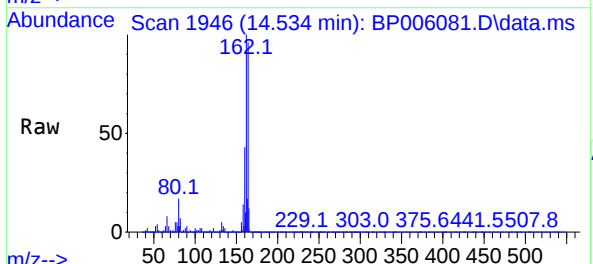
Instrument :
BNA_P
ClientSampleId :
124055

Tgt Ion: 82 Resp: 354824
Ion Ratio Lower Upper
82 100
128 44.9 35.7 53.5
54 41.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Tgt Ion: 164 Resp: 182052
Ion Ratio Lower Upper
164 100
162 104.5 80.2 120.2
160 44.5 34.5 51.7

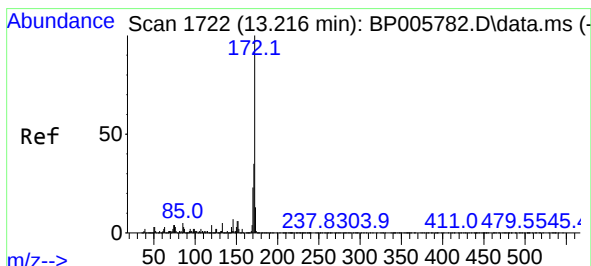
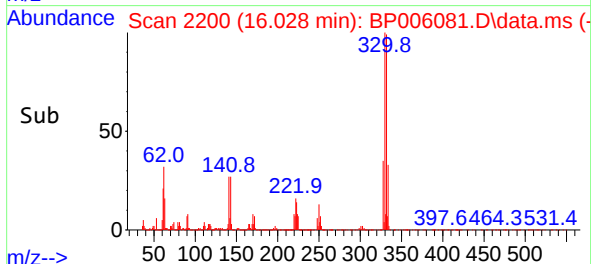
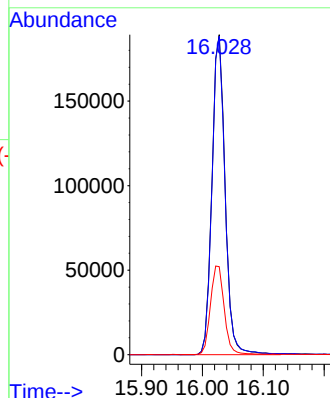
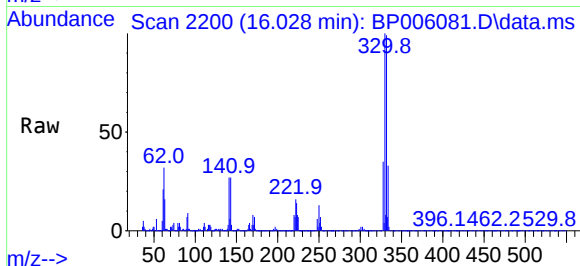




#42
2,4,6-Tribromophenol
Concen: 90.908 ng
RT: 16.028 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

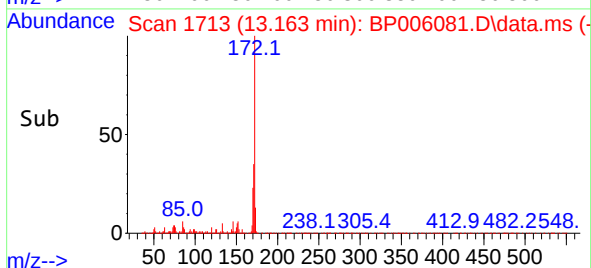
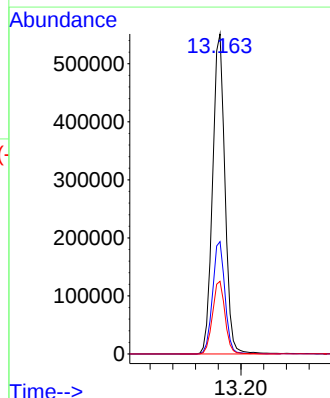
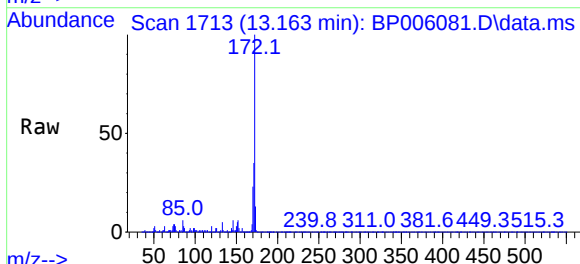
Instrument :
BNA_P
ClientSampleId :
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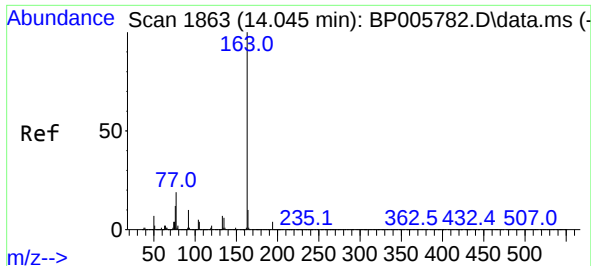
Tgt Ion:330 Resp: 284009
Ion Ratio Lower Upper
330 100
332 99.3 77.8 116.8
141 29.1 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 59.763 ng
RT: 13.163 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Tgt Ion:172 Resp: 828555
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.7 18.6 27.8

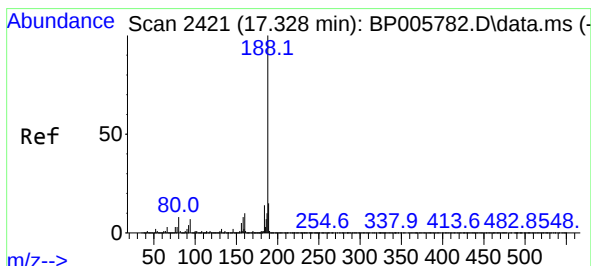
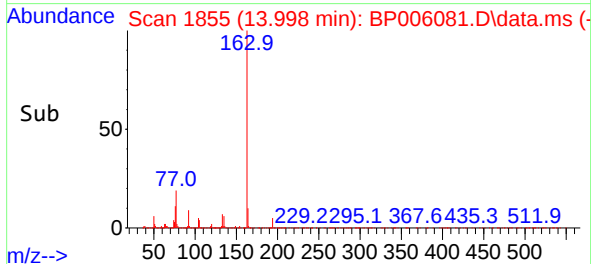
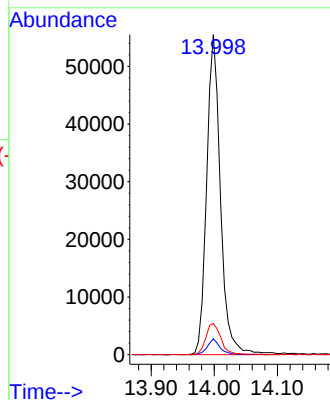
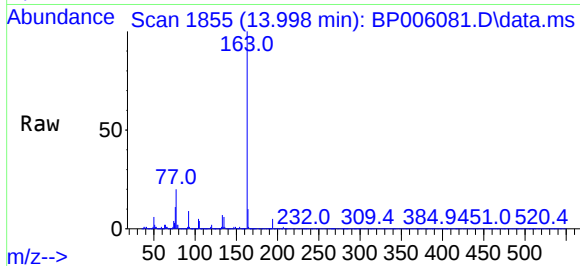




#50
Dimethylphthalate
Concen: 5.633 ng
RT: 13.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

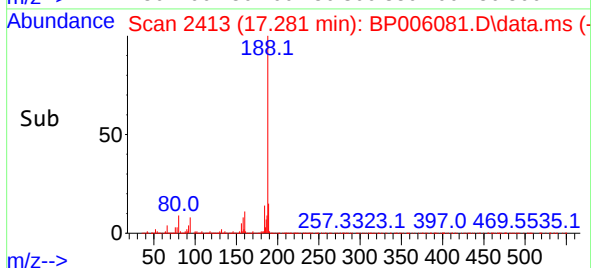
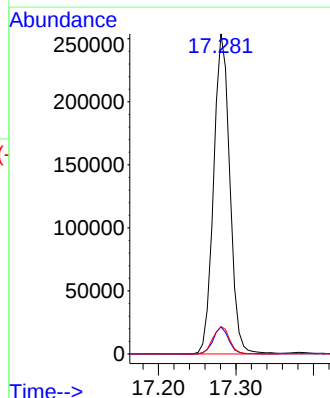
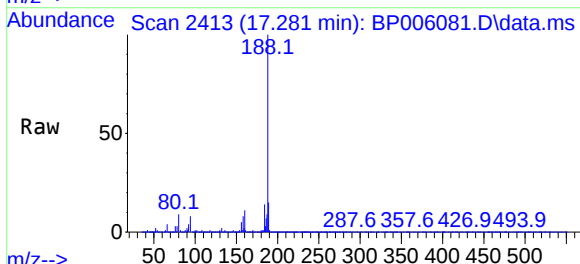
Instrument :
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ClientSampleId :
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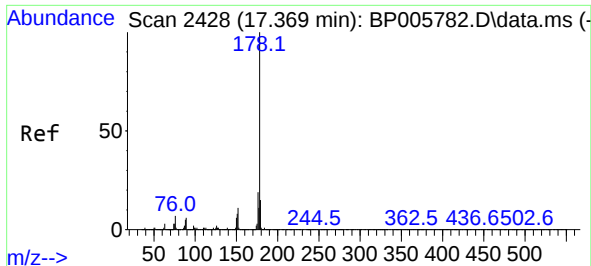
Tgt Ion:163 Resp: 84323
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.2
164 9.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Tgt Ion:188 Resp: 369360
Ion Ratio Lower Upper
188 100
94 8.4 5.6 8.4#
80 8.5 6.3 9.5

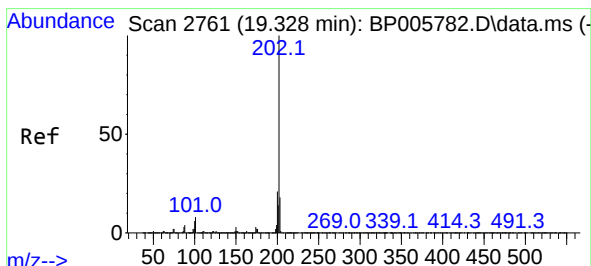
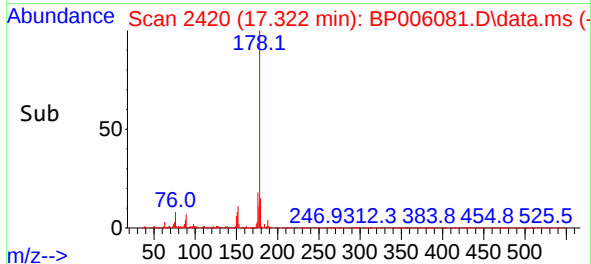
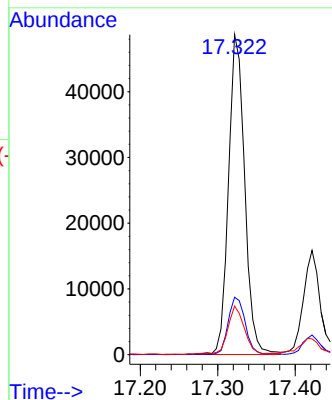
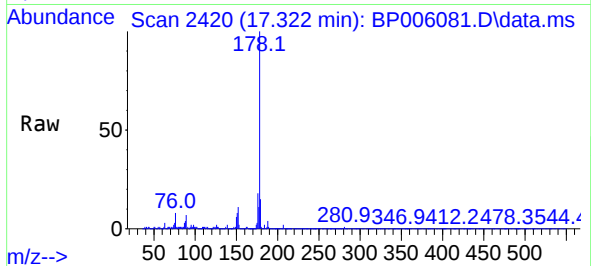




#71
Phenanthrene
Concen: 3.190 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

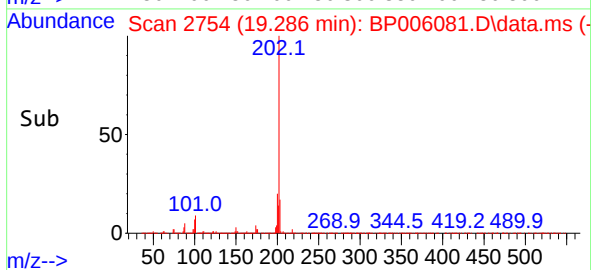
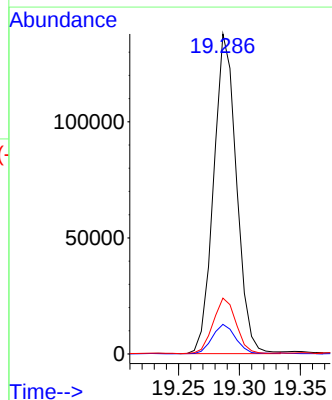
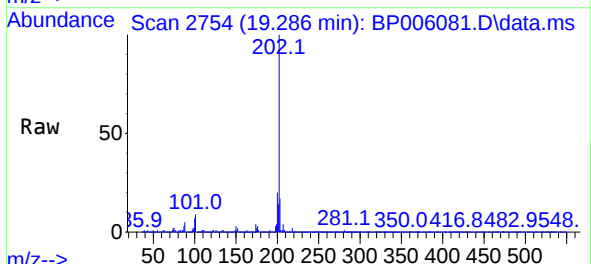
Instrument :
BNA_P
ClientSampled :
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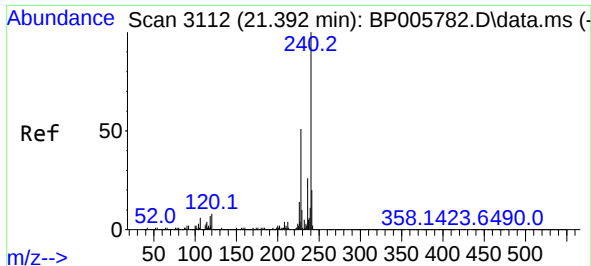
Tgt Ion:178 Resp: 70753
Ion Ratio Lower Upper
178 100
176 18.0 15.1 22.7
179 15.2 12.4 18.6



#75
Fluoranthene
Concen: 6.673 ng
RT: 19.286 min Scan# 2754
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Tgt Ion:202 Resp: 179747
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.6
203 17.4 0.0 37.8

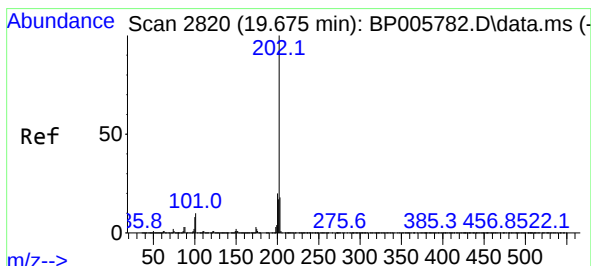
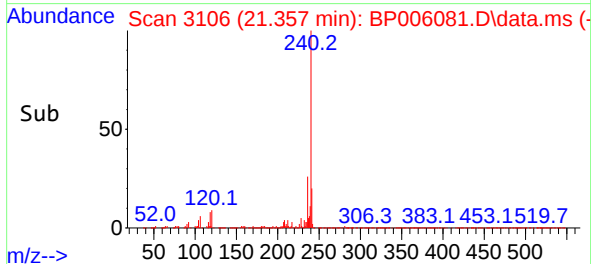
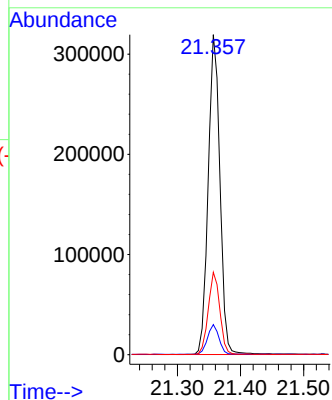
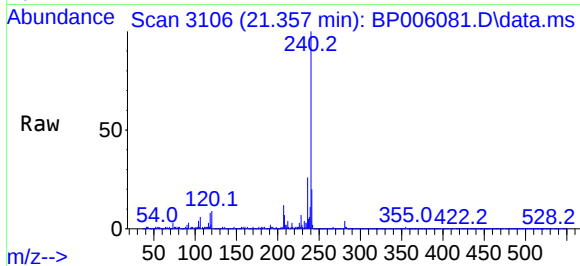




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

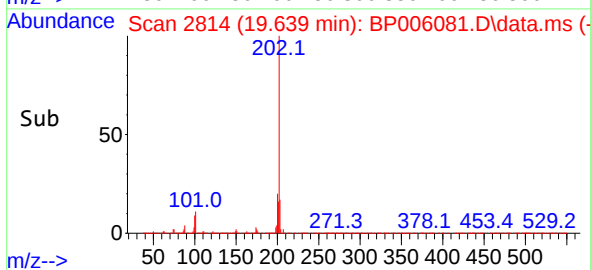
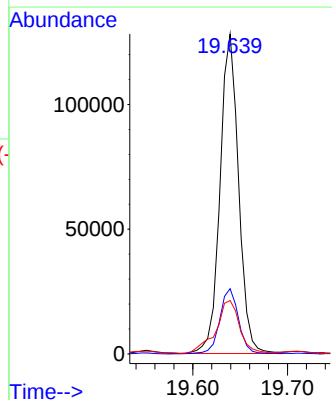
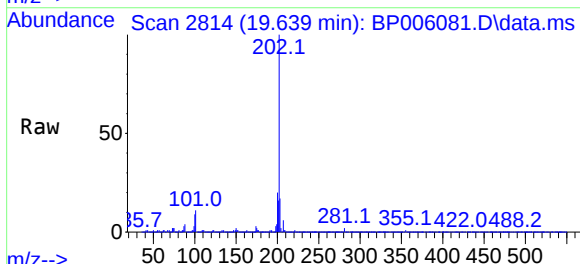
Instrument :
BNA_P
ClientSampleId :
124055

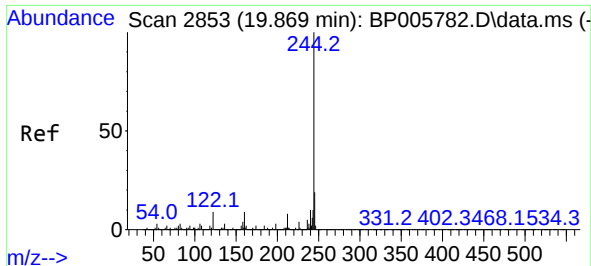
Tgt Ion:240 Resp: 412153
Ion Ratio Lower Upper
240 100
120 9.4 6.5 9.7
236 25.8 20.6 31.0



#78
Pyrene
Concen: 6.062 ng
RT: 19.639 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Tgt Ion:202 Resp: 174425
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 16.7 14.2 21.2

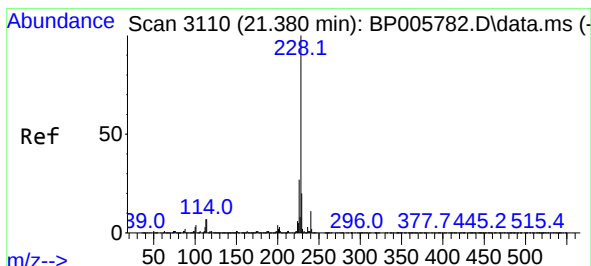
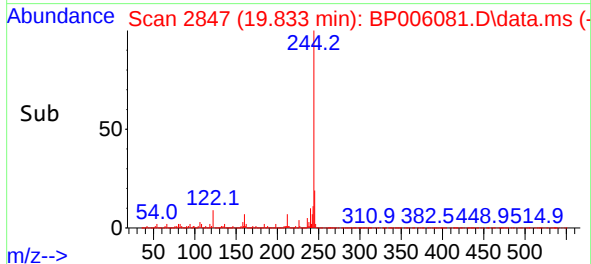
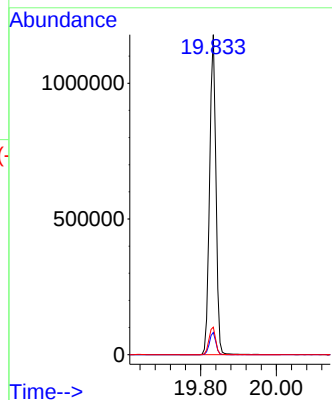
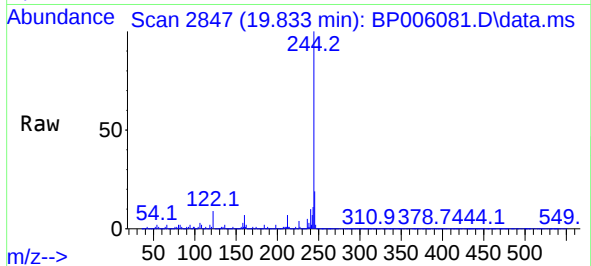




#79
Terphenyl-d14
Concen: 61.839 ng
RT: 19.833 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

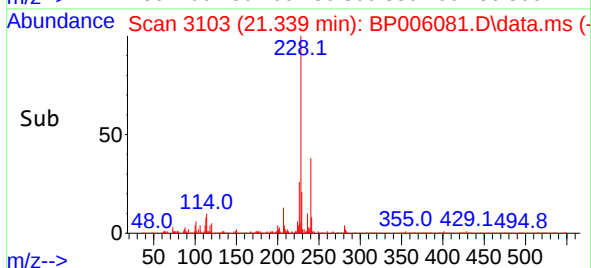
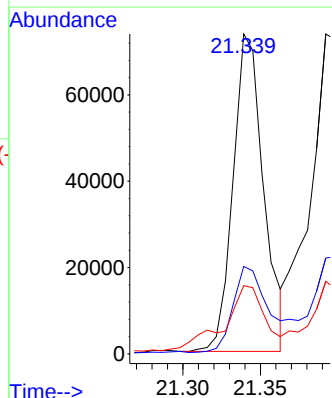
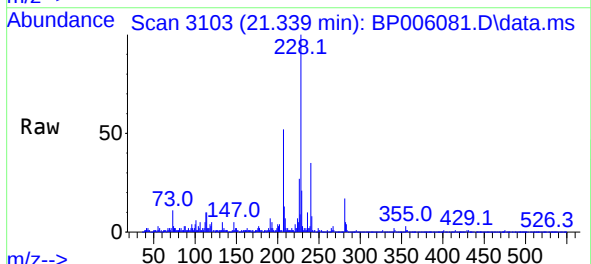
Instrument :
BNA_P
ClientSampleId :
124055

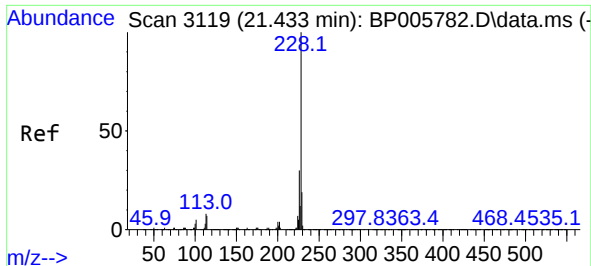
Tgt Ion:244 Resp: 1361144
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 8.6 7.1 10.7



#81
Benzo(a)anthracene
Concen: 3.383 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Tgt Ion:228 Resp: 100648
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 21.3 15.8 23.6



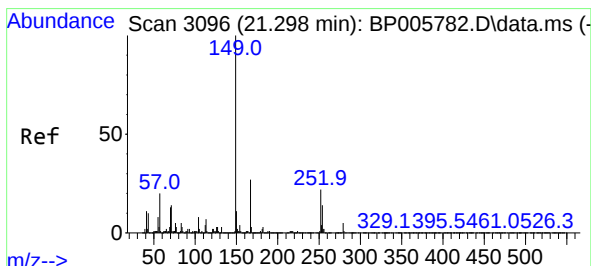
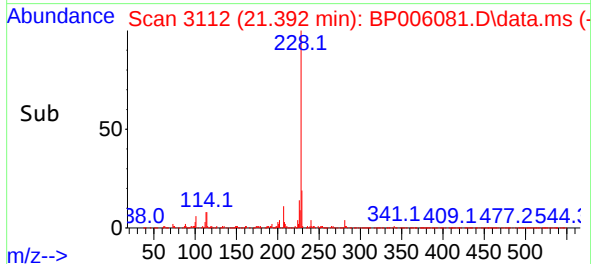
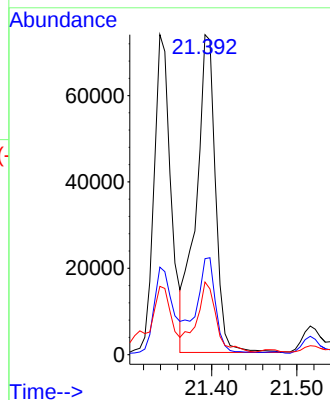
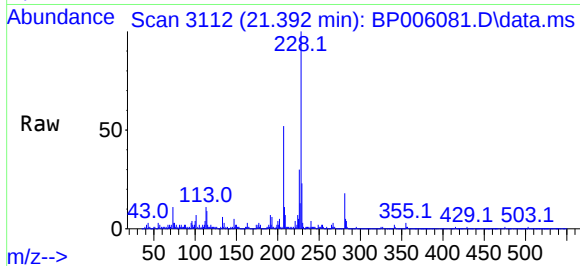


#83
Chrysene
Concen: 4.059 ng
RT: 21.392 min Scan# 3112
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Instrument :
BNA_P
ClientSampleId :
124055

Tgt Ion:228 Resp: 116975

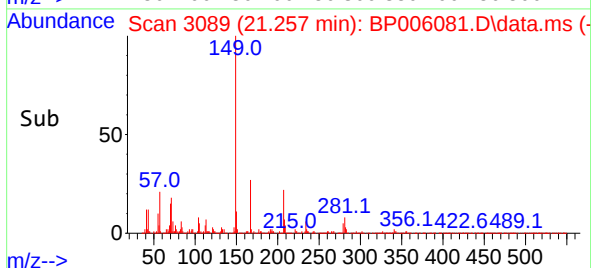
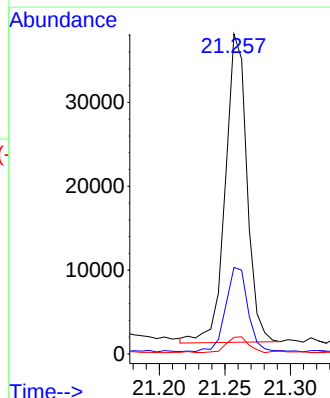
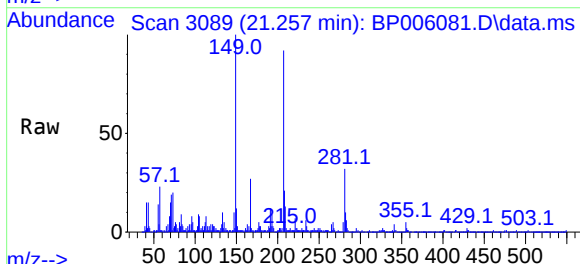
Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	22.7	15.4	23.2

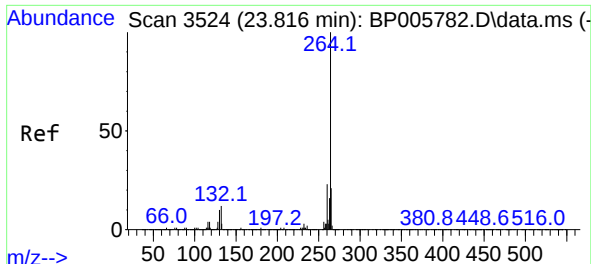


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.425 ng
RT: 21.257 min Scan# 3089
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Tgt Ion:149 Resp: 42092

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.9	32.9
279	5.2	4.3	6.5

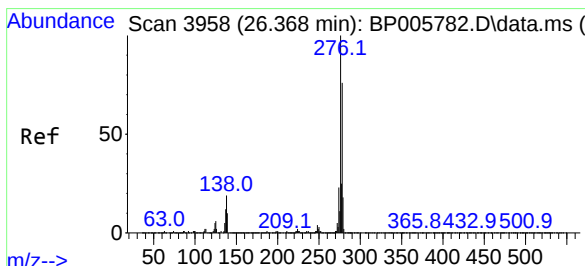
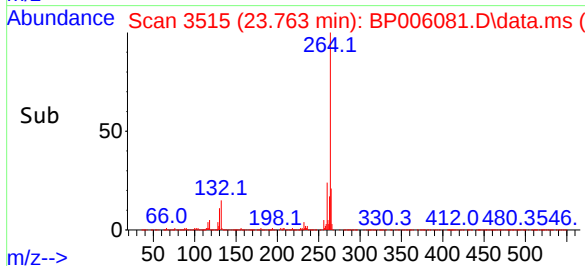
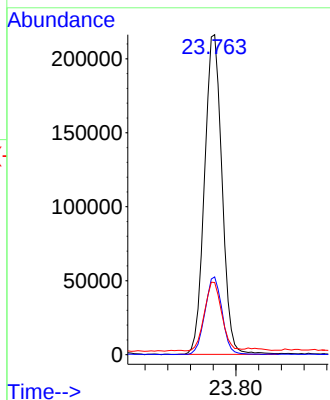
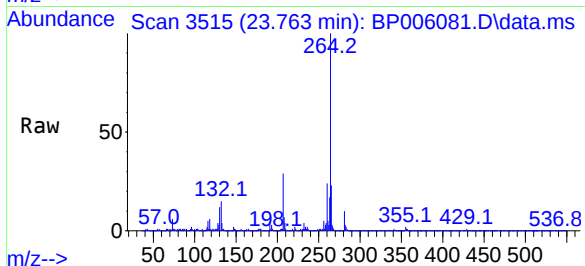




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.763 min Scan# 3515
Delta R.T. 0.006 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

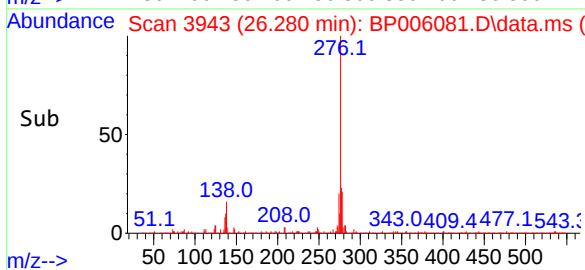
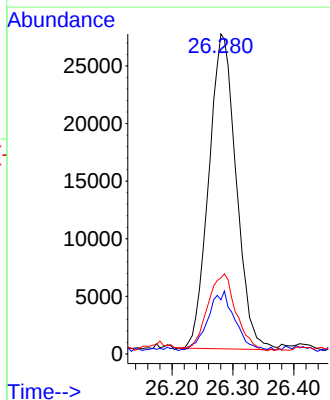
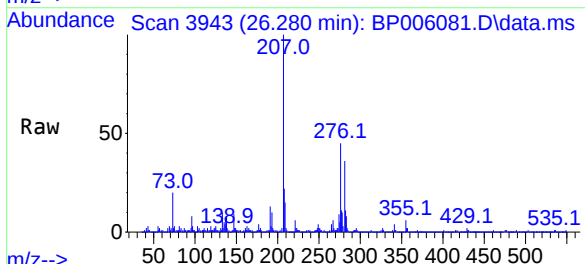
Instrument :
BNA_P
ClientSampled :
124055

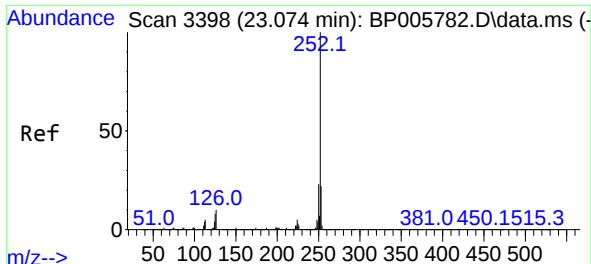
Tgt Ion:	264	Resp:	460657
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.6	28.0
265	22.5	17.6	26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.168 ng
RT: 26.280 min Scan# 3943
Delta R.T. -0.012 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Tgt Ion:	276	Resp:	85395
Ion Ratio	Lower	Upper	
276	100		
138	17.5	15.3	22.9
277	25.4	20.4	30.6

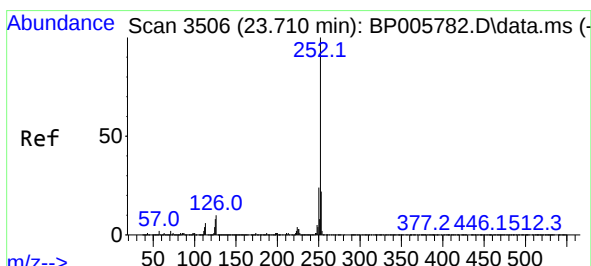
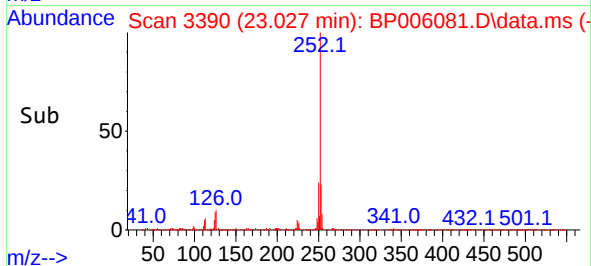
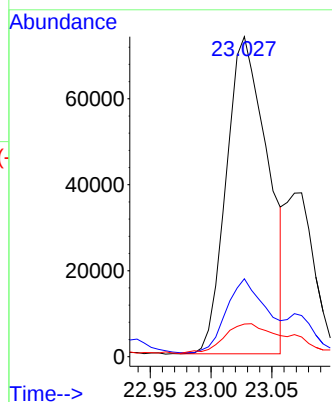
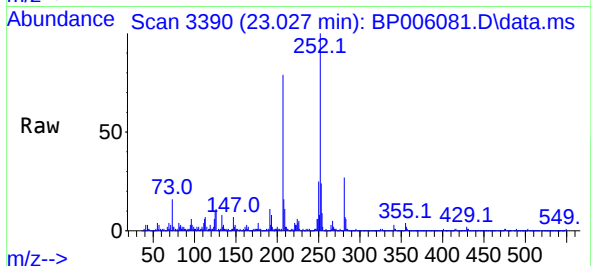




#88
Benzo(b)fluoranthene
Concen: 5.520 ng
RT: 23.027 min Scan# 3390
Delta R.T. 0.006 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

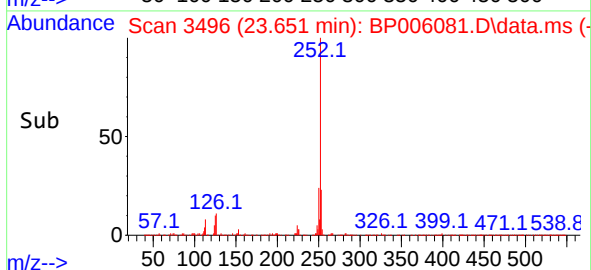
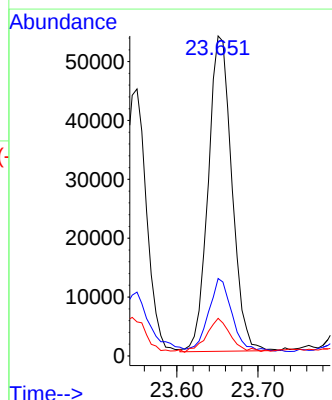
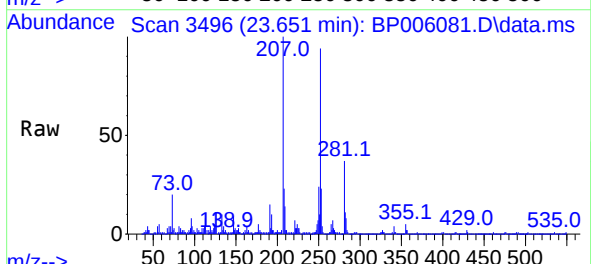
Instrument :
BNA_P
ClientSampled :
124055

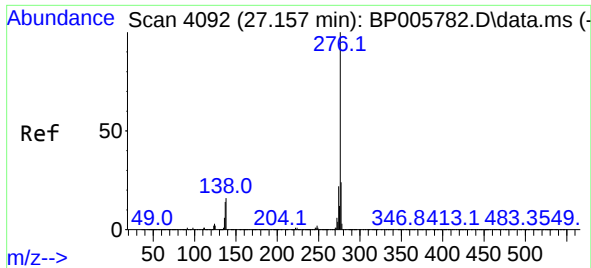
Tgt Ion:252 Resp: 174165
Ion Ratio Lower Upper
252 100
253 24.4 17.5 26.3
125 10.2 6.2 9.4#



#90
Benzo(a)pyrene
Concen: 3.657 ng
RT: 23.651 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Tgt Ion:252 Resp: 108467
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 11.8 6.5 9.7#





#92
Benzo(g,h,i)perylene
Concen: 2.499 ng
RT: 27.057 min Scan# 4075
Delta R.T. -0.006 min
Lab File: BP006081.D
Acq: 28 Jun 2021 17:15

Instrument :
BNA_P
ClientSampleId :
124055

Tgt Ion:	276	Resp:	83686
Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	18.2	12.6	18.8

