

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062821\
 Data File : BP06088.D
 Acq On : 28 Jun 2021 21:15
 Operator : CG/JU
 Sample : M2865-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-01-062521

Quant Time: Jun 29 02:08:08 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)

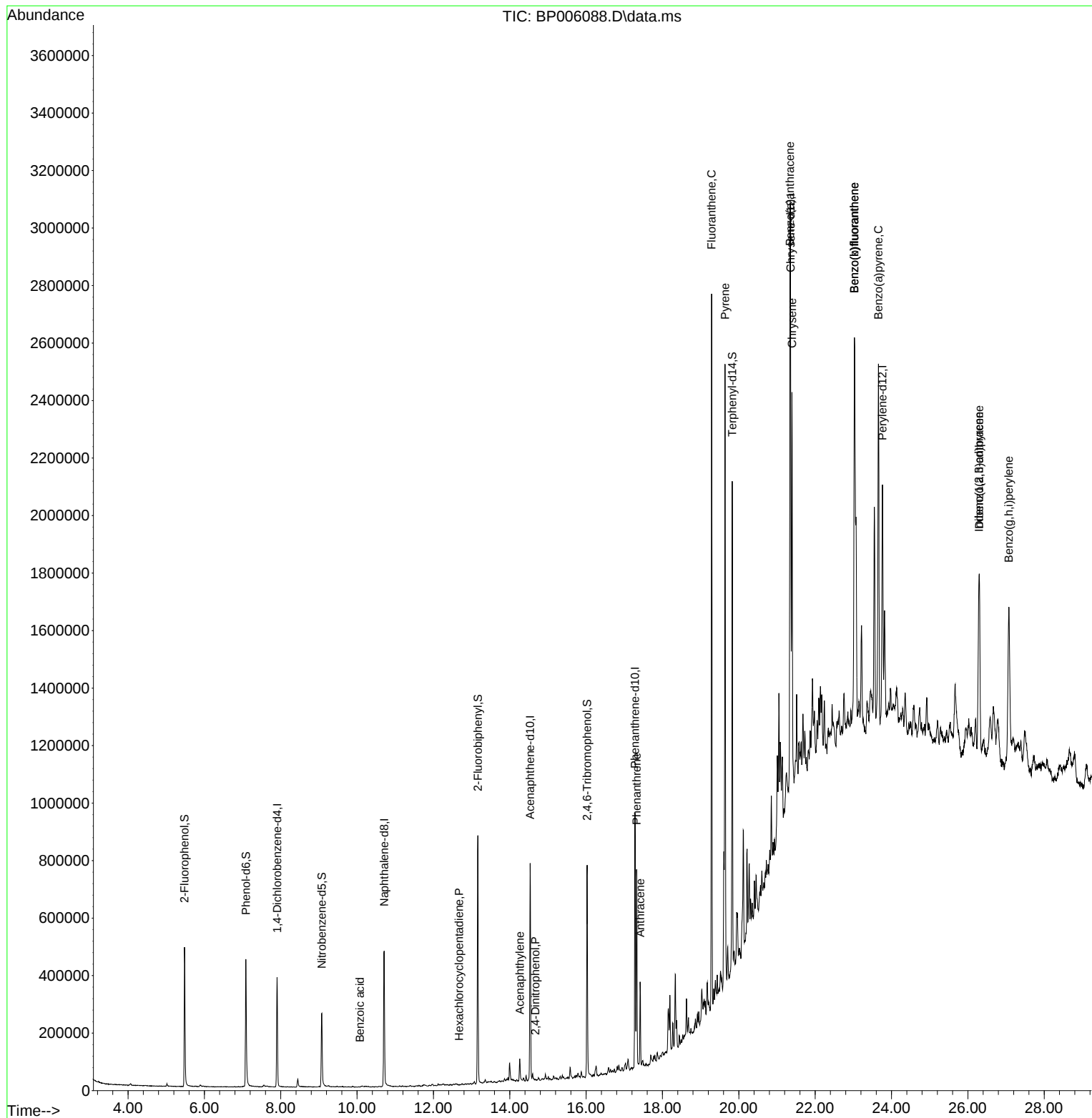
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	110342	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	423357	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	264613	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	539673	20.000	ng	0.00
76) Chrysene-d12	21.357	240	586428	20.000	ng	0.00
86) Perylene-d12	23.763	264	688862	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	244883	35.612	ng	0.00
7) Phenol-d6	7.087	99	298757	33.520	ng	0.00
23) Nitrobenzene-d5	9.075	82	179618	20.801	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	179307	39.487	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	468988	23.273	ng	0.00
79) Terphenyl-d14	19.828	244	783059	25.003	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.075	122	25	6.324	ng	# 1
41) Hexachlorocyclopentadiene	12.675	237	10	5.506	ng	94
49) Acenaphthylene	14.263	152	65207	2.440	ng	99
54) 2,4-Dinitrophenol	14.669	184	6	4.851	ng	# 1
71) Phenanthrene	17.322	178	421181	12.996	ng	99
72) Anthracene	17.416	178	193941	6.080	ng	99
75) Fluoranthene	19.286	202	1481463	37.640	ng	99
78) Pyrene	19.639	202	1344603	32.844	ng	99
81) Benzo(a)anthracene	21.339	228	924103	21.830	ng	99
83) Chrysene	21.392	228	807117	19.685	ng	97
87) Indeno(1,2,3-cd)pyrene	26.292	276	735608	12.487	ng	96
88) Benzo(b)fluoranthene	23.027	252	1366850	28.970	ng	97
89) Benzo(k)fluoranthene	23.027	252	1366850	29.876	ng	# 97
90) Benzo(a)pyrene	23.657	252	979243	22.076	ng	98
91) Dibenzo(a,h)anthracene	26.298	278	193503	3.816	ng	# 86
92) Benzo(g,h,i)perylene	27.074	276	733884	14.652	ng	98

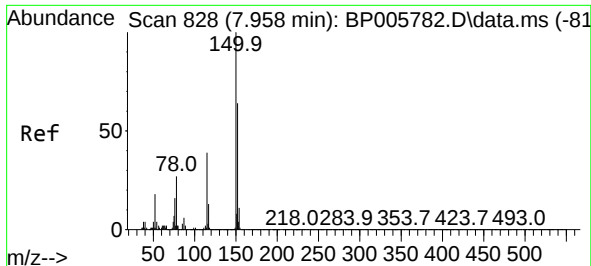
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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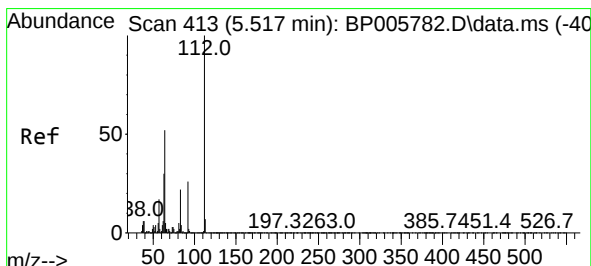
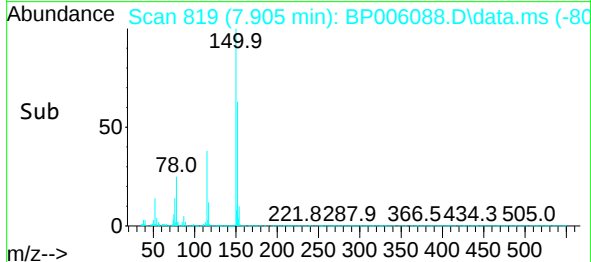
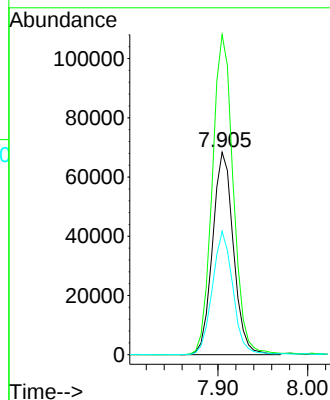
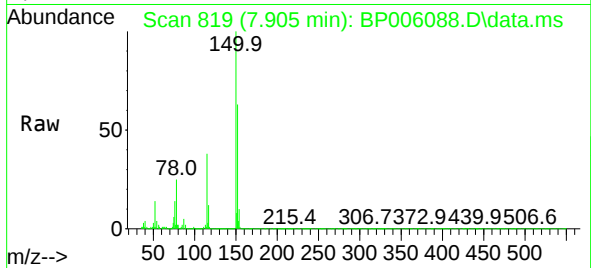




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

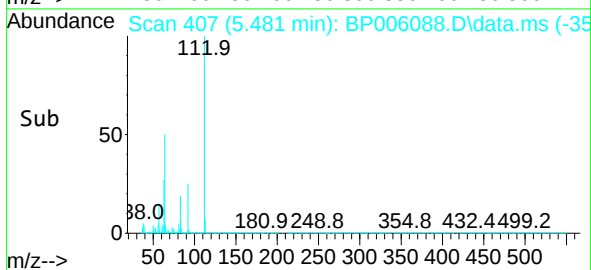
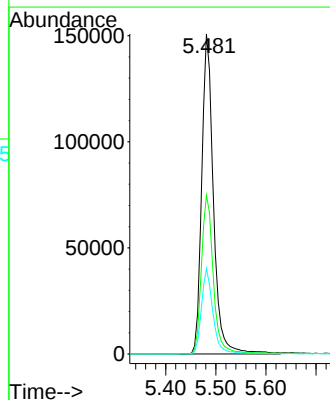
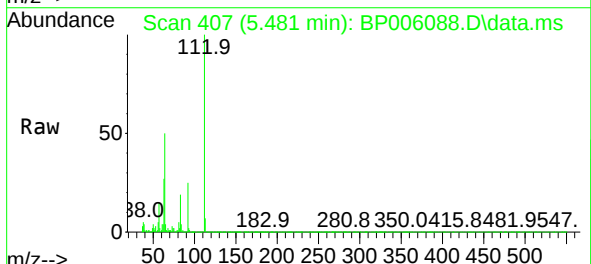
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BNA_P
ClientSampleId :
OR-01-062521

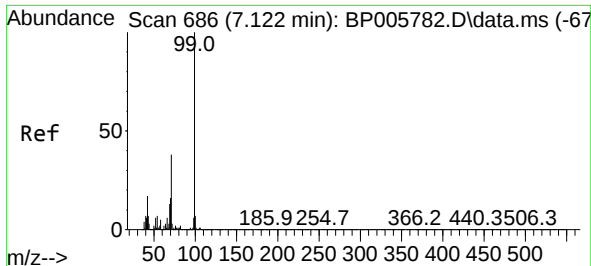
Tgt Ion:152 Resp: 110342
Ion Ratio Lower Upper
152 100
150 158.1 125.6 188.4
115 60.9 48.5 72.7



#5
2-Fluorophenol
Concen: 35.612 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:112 Resp: 244883
Ion Ratio Lower Upper
112 100
64 49.6 41.4 62.2
63 26.7 23.8 35.8

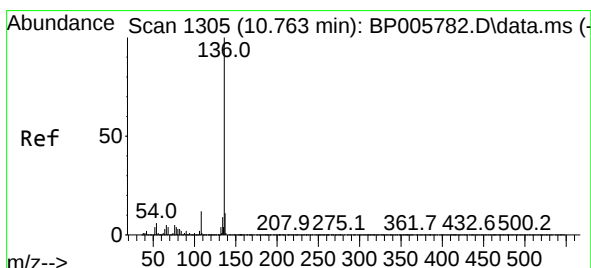
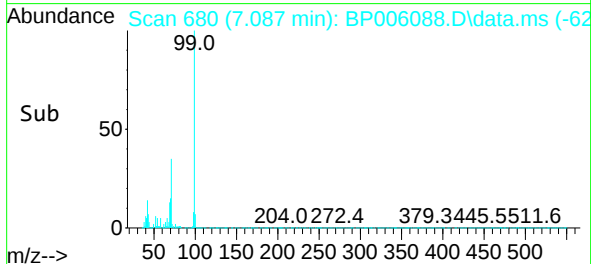
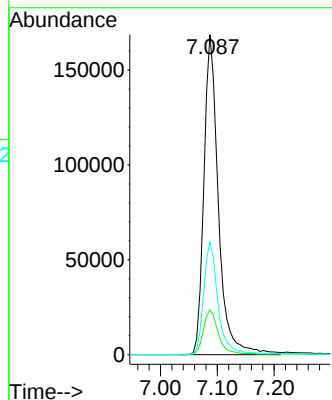
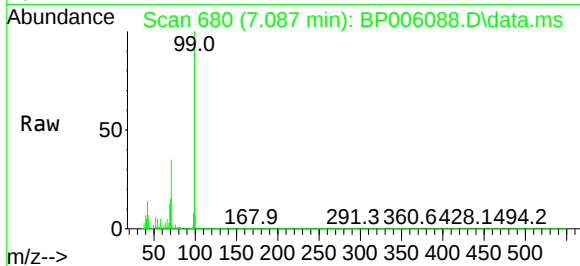




#7
Phenol-d6
Concen: 33.520 ng
RT: 7.087 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

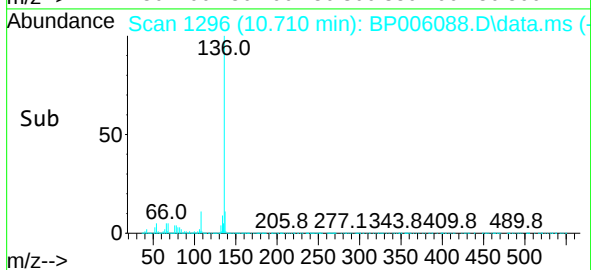
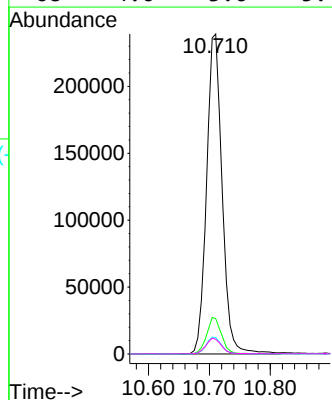
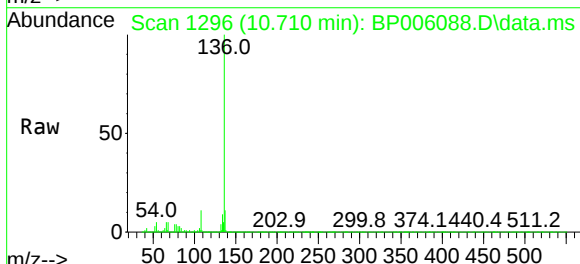
Instrument :
BNA_P
ClientSampleId :
OR-01-062521

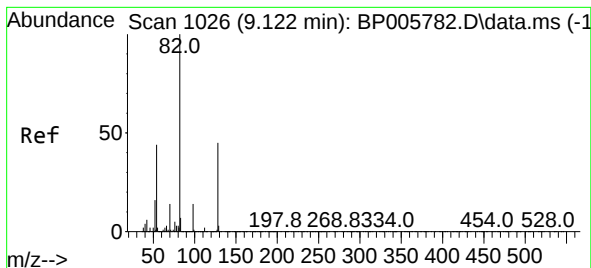
Tgt Ion:	99	Resp:	298757
Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.4	20.0
71	35.3	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.710 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:	136	Resp:	423357
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	5.2	4.6	6.8
68	4.6	3.6	5.4

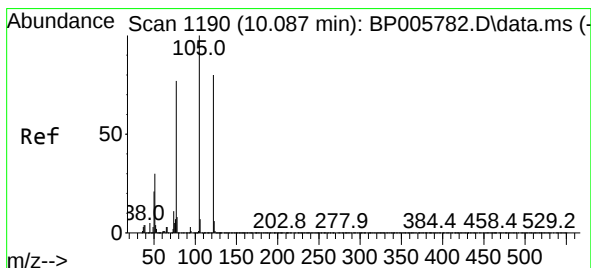
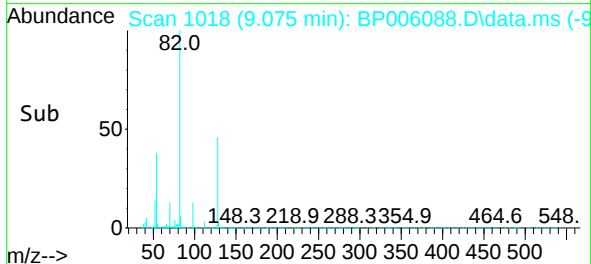
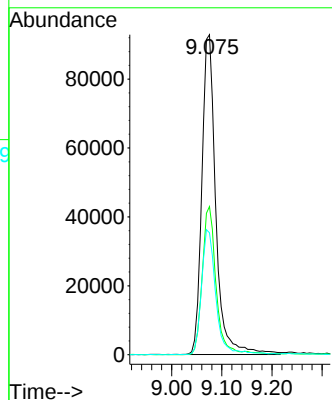
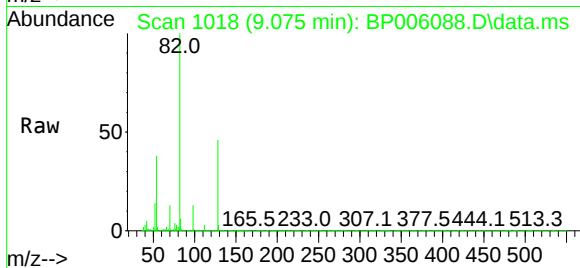




#23
Nitrobenzene-d5
Concen: 20.801 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

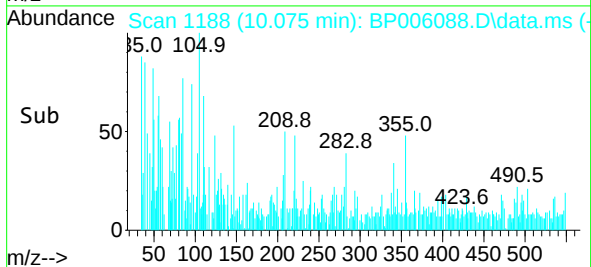
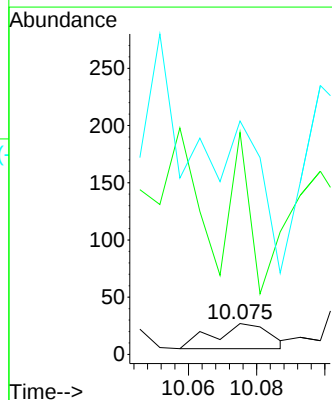
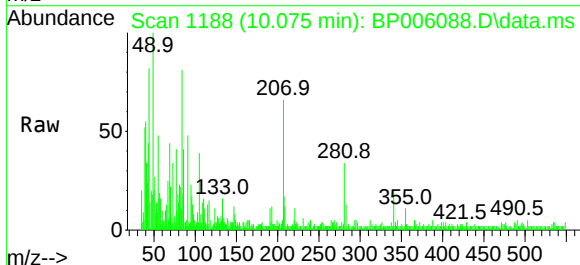
Instrument :
BNA_P
ClientSampleId :
OR-01-062521

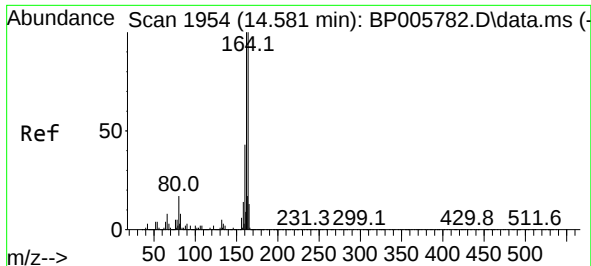
Tgt Ion: 82 Resp: 179618
Ion Ratio Lower Upper
82 100
128 46.3 35.7 53.5
54 38.1 35.0 52.4



#32
Benzoic acid
Concen: 6.324 ng
RT: 10.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion: 122 Resp: 25
Ion Ratio Lower Upper
122 100
105 718.5 103.2 143.2#
77 755.6 76.2 116.2#

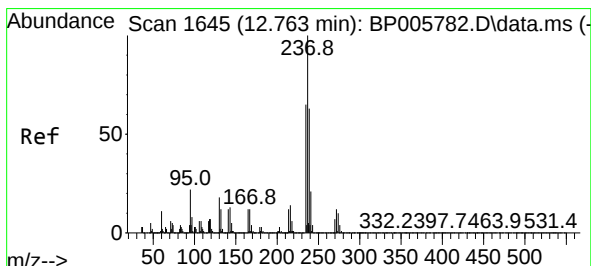
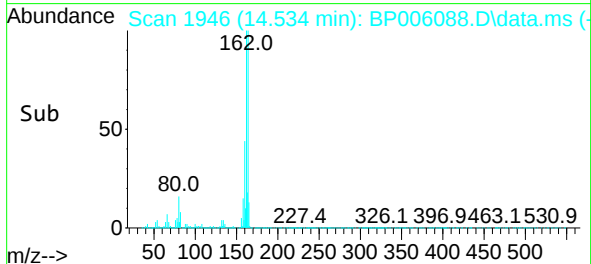
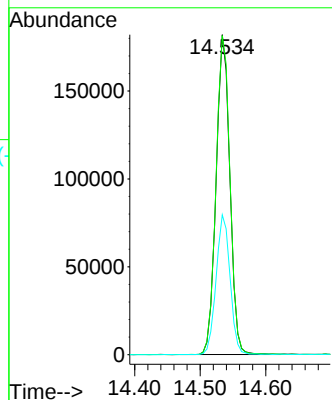
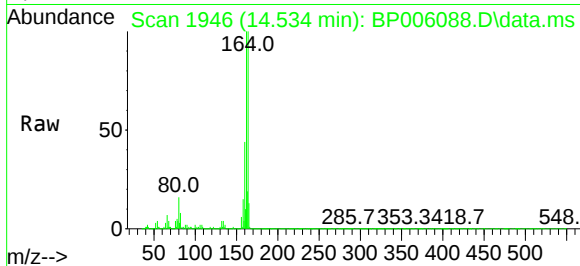




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.534 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

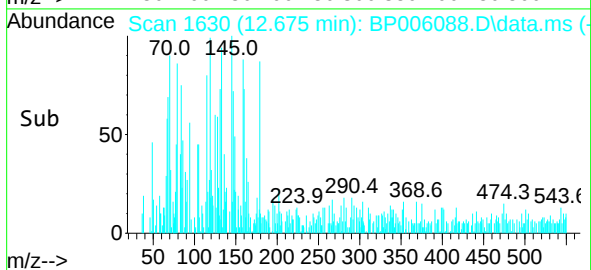
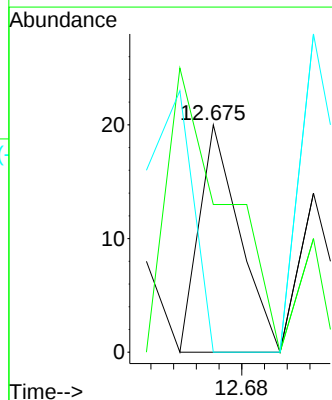
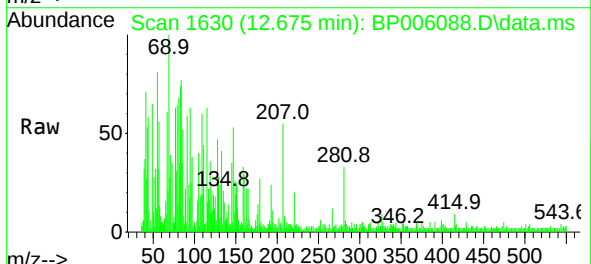
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ClientSampleId :
OR-01-062521

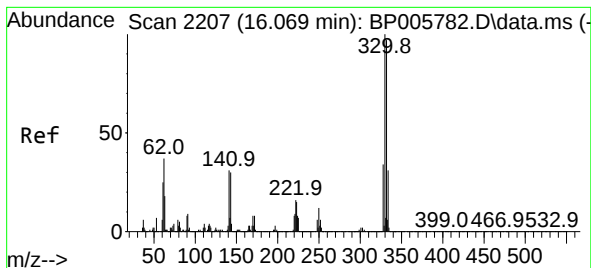
Tgt Ion:164 Resp: 264613
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 43.7 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.506 ng
RT: 12.675 min Scan# 1630
Delta R.T. -0.035 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 65.0 44.5 84.5
272 0.0 0.0 32.5

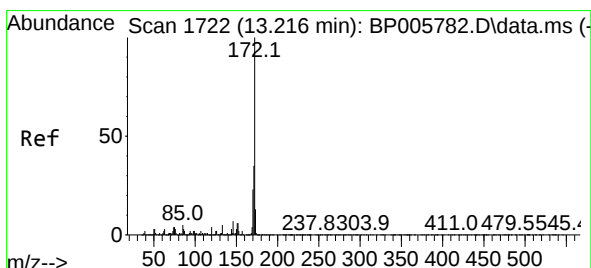
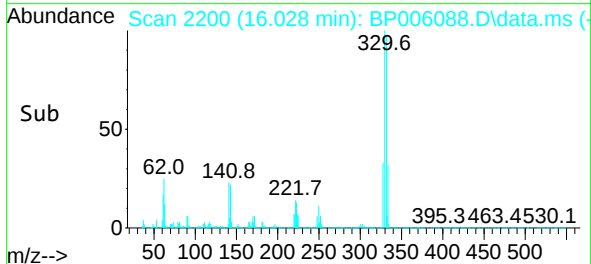
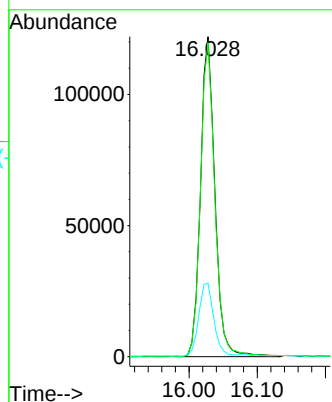
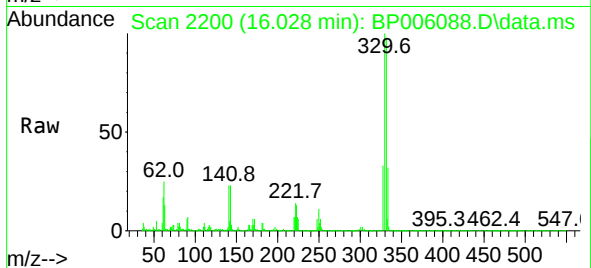




#42
2,4,6-Tribromophenol
Concen: 39.487 ng
RT: 16.028 min Scan# 2200
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

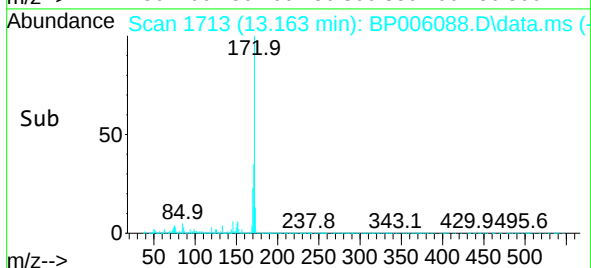
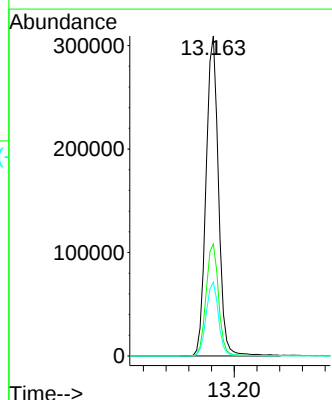
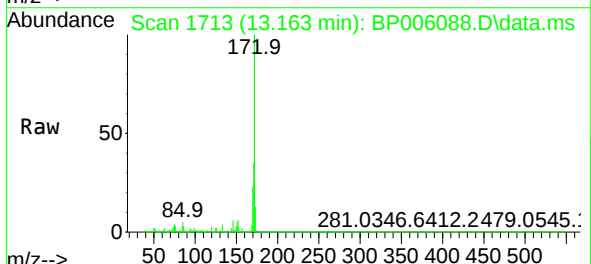
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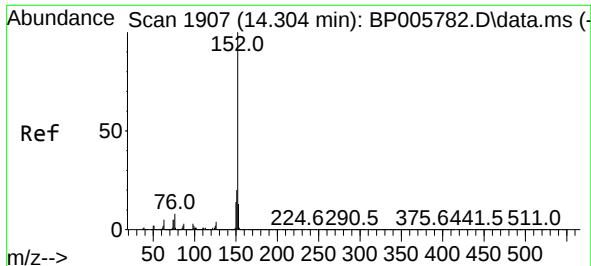
Tgt Ion:330 Resp: 179307
Ion Ratio Lower Upper
330 100
332 97.9 77.8 116.8
141 23.5 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 23.273 ng
RT: 13.163 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:172 Resp: 468988
Ion Ratio Lower Upper
172 100
171 35.0 27.9 41.9
170 23.1 18.6 27.8

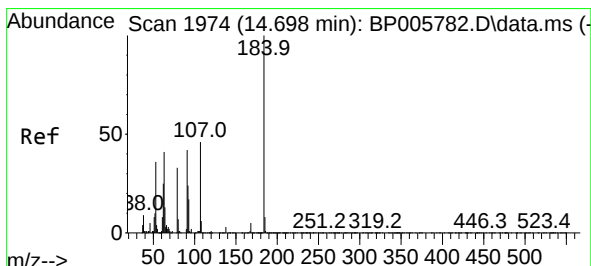
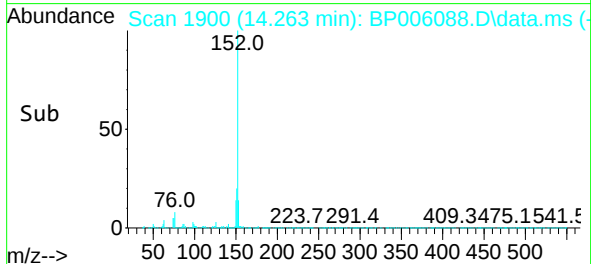
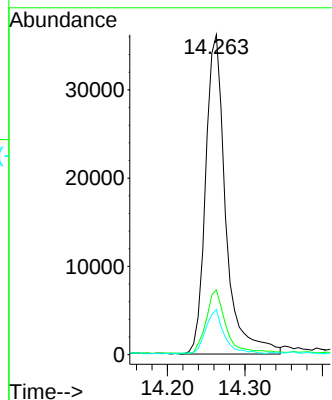
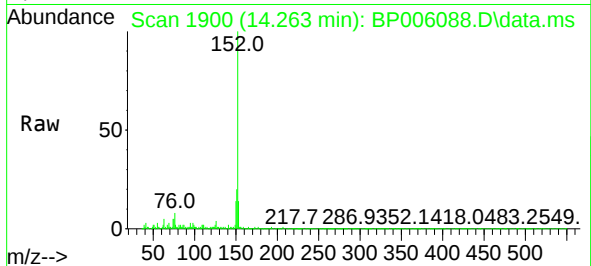




#49
Acenaphthylene
Concen: 2.440 ng
RT: 14.263 min Scan# 1900
Delta R.T. 0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

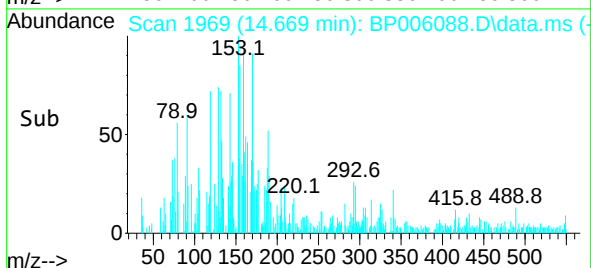
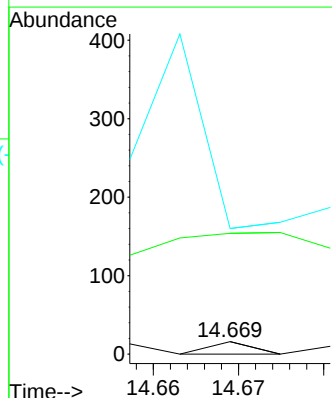
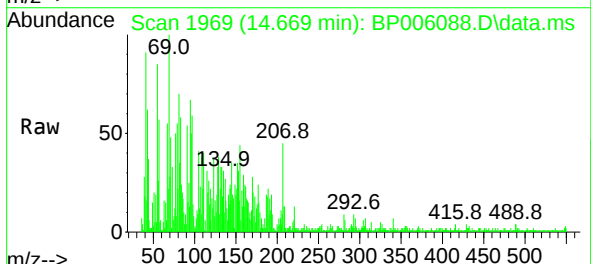
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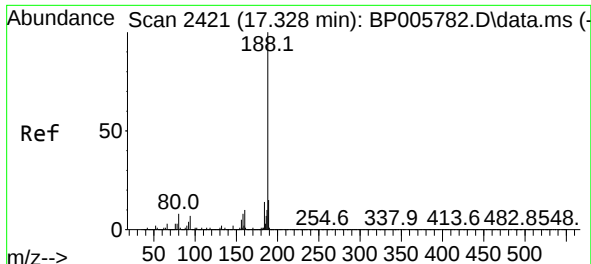
Tgt Ion:152 Resp: 65207
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.1 10.6 16.0



#54
2,4-Dinitrophenol
Concen: 4.851 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 1062.5 47.0 70.6#
154 1000.0 52.3 78.5#

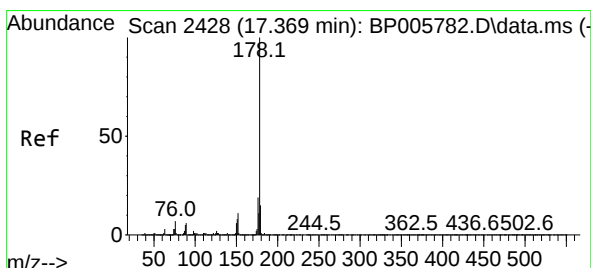
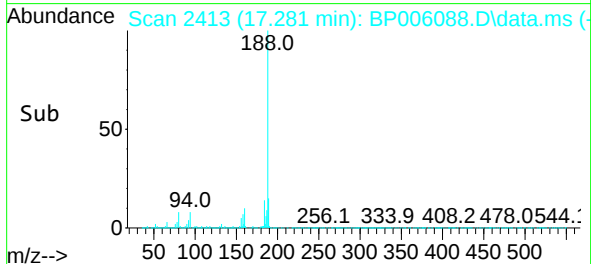
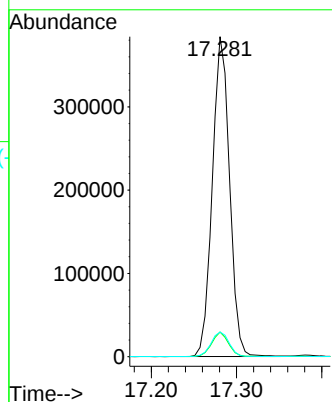
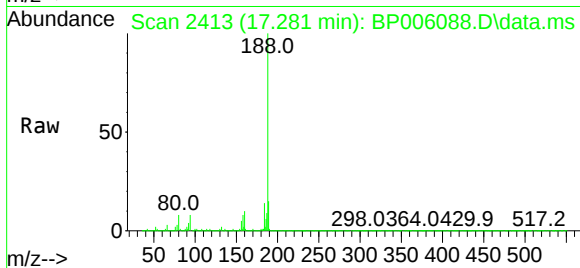




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.281 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

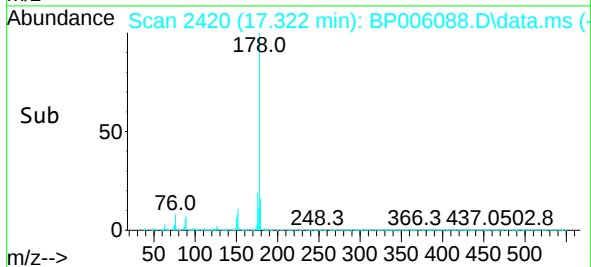
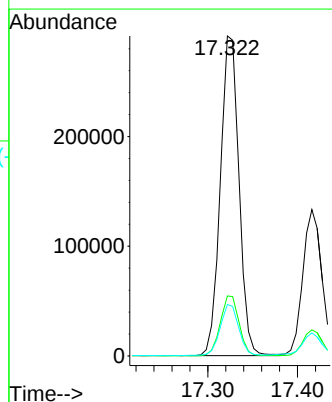
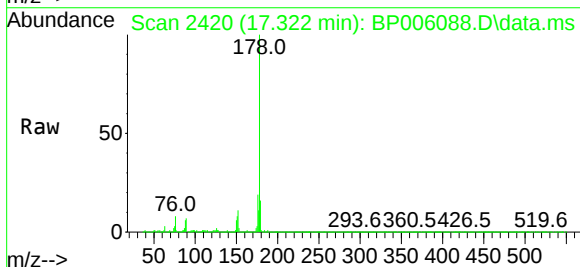
Instrument :
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OR-01-062521

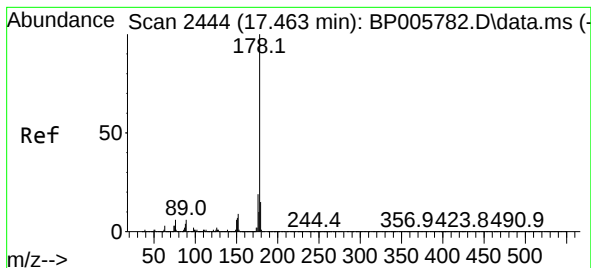
Tgt Ion:188 Resp: 539673
Ion Ratio Lower Upper
188 100
94 7.7 5.6 8.4
80 7.7 6.3 9.5



#71
Phenanthrene
Concen: 12.996 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:178 Resp: 421181
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 16.1 12.4 18.6

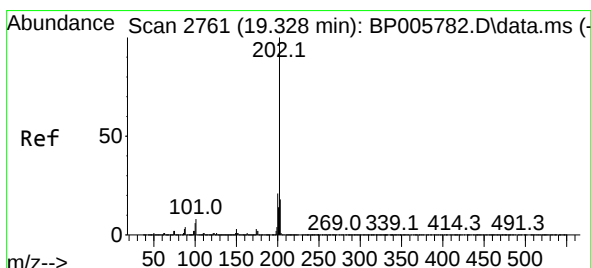
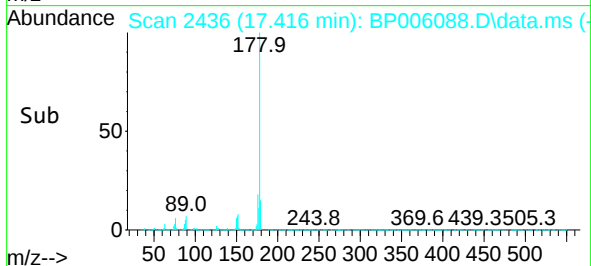
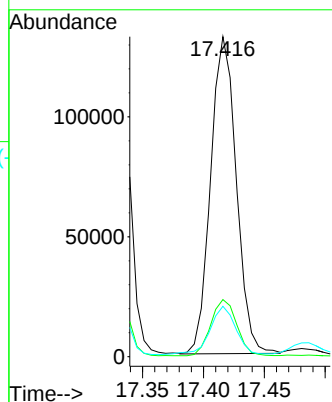
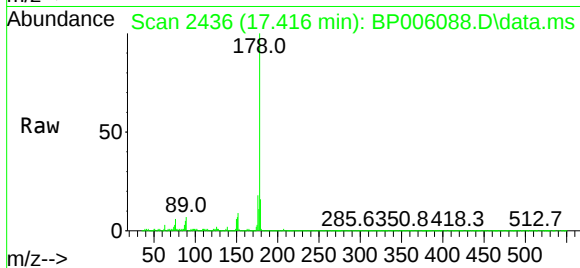




#72
 Anthracene
 Concen: 6.080 ng
 RT: 17.416 min Scan# 2436
 Delta R.T. 0.000 min
 Lab File: BP006088.D
 Acq: 28 Jun 2021 21:15

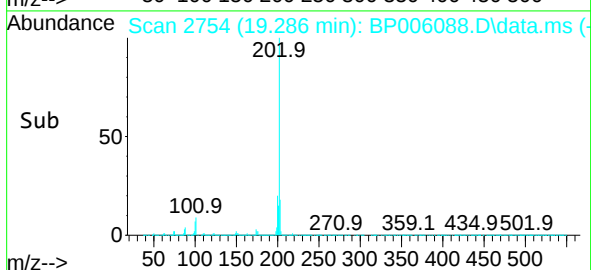
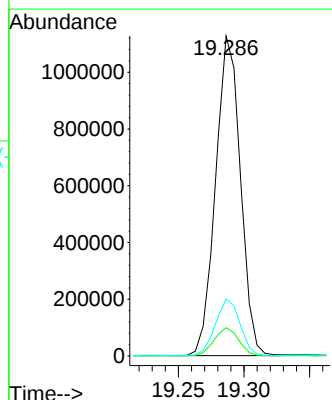
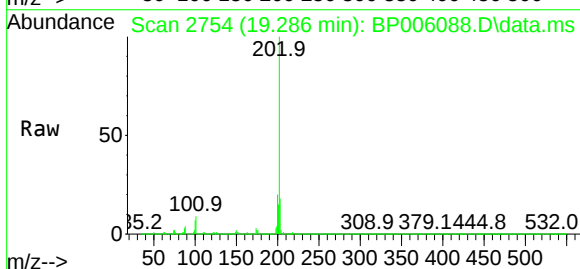
Instrument :
 BNA_P
 ClientSampleId :
 OR-01-062521

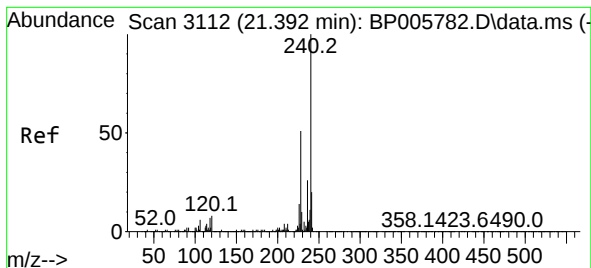
Tgt Ion:	178	Resp:	193941
Ion Ratio	Lower	Upper	
178	100		
176	17.9	14.9	22.3
179	15.7	12.2	18.2



#75
 Fluoranthene
 Concen: 37.640 ng
 RT: 19.286 min Scan# 2754
 Delta R.T. 0.000 min
 Lab File: BP006088.D
 Acq: 28 Jun 2021 21:15

Tgt Ion:	202	Resp:	1481463
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	27.6
203	17.8	0.0	37.8

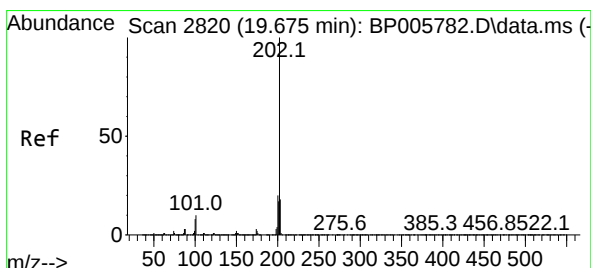
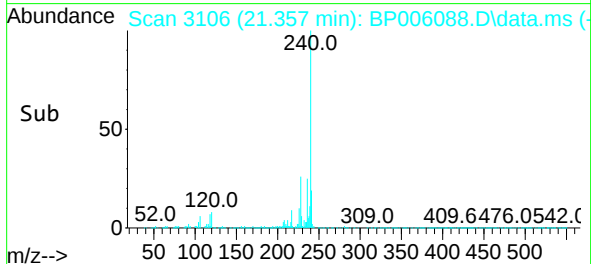
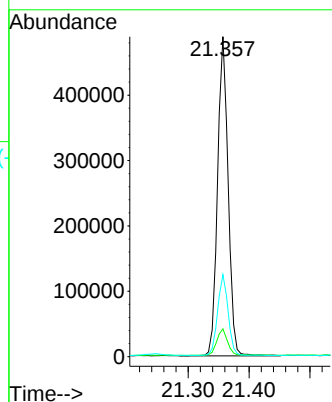
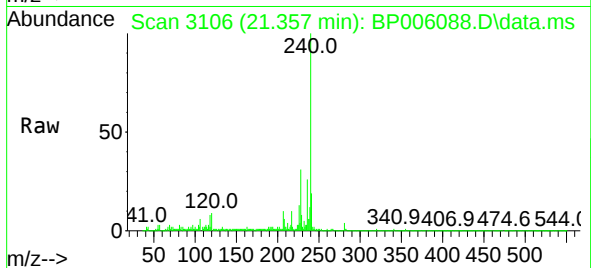




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.357 min Scan# 3106
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

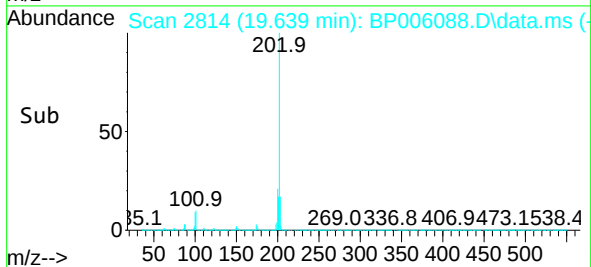
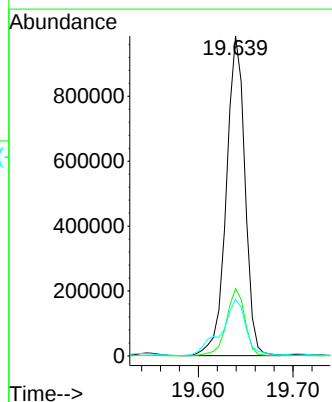
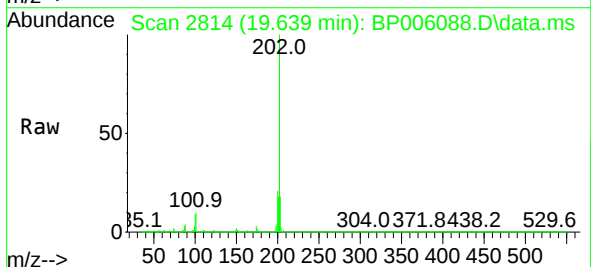
Instrument :
BNA_P
ClientSampleId :
OR-01-062521

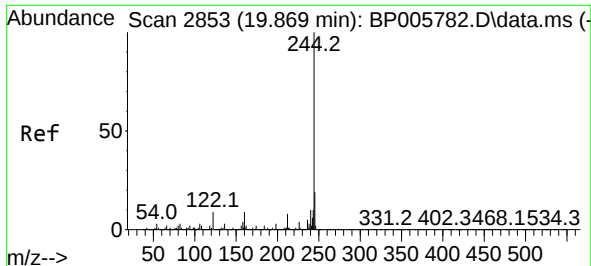
Tgt Ion:240 Resp: 586428
Ion Ratio Lower Upper
240 100
120 8.7 6.5 9.7
236 25.7 20.6 31.0



#78
Pyrene
Concen: 32.844 ng
RT: 19.639 min Scan# 2814
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:202 Resp: 1344603
Ion Ratio Lower Upper
202 100
200 21.0 16.3 24.5
203 17.7 14.2 21.2

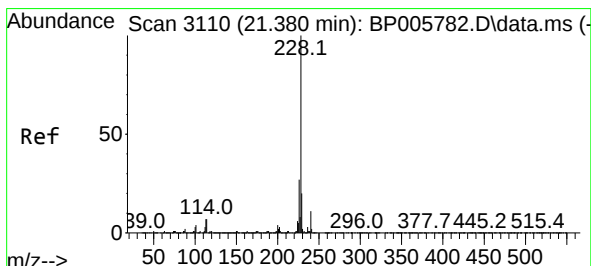
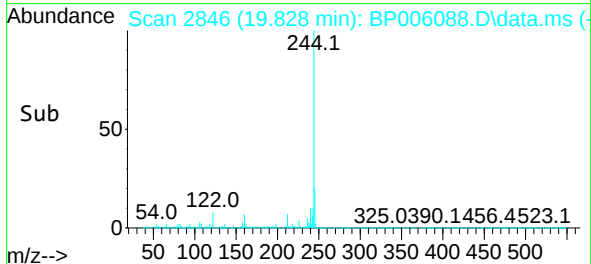
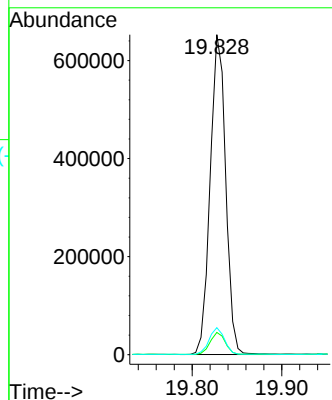
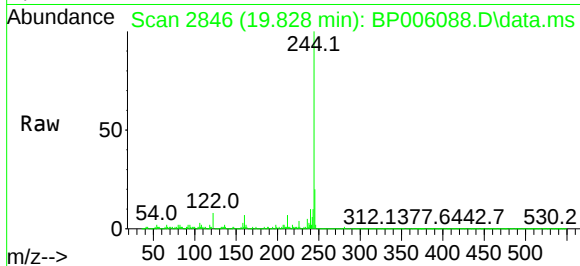




#79
 Terphenyl-d14
 Concen: 25.003 ng
 RT: 19.828 min Scan# 2846
 Delta R.T. -0.006 min
 Lab File: BP006088.D
 Acq: 28 Jun 2021 21:15

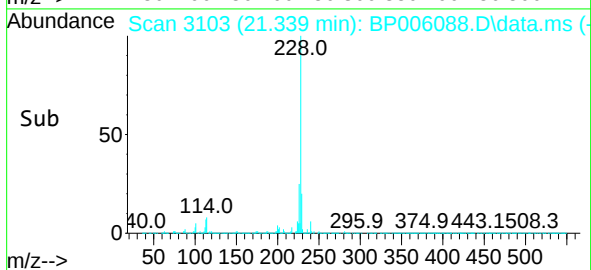
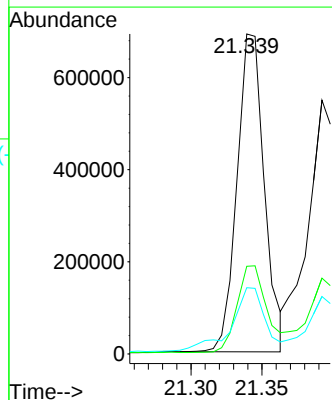
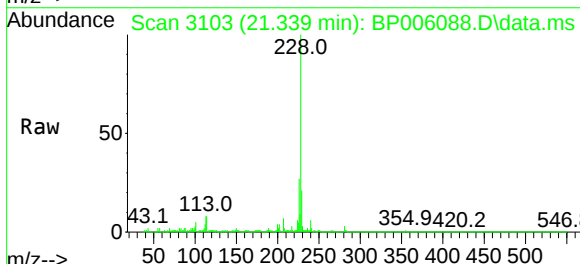
Instrument :
 BNA_P
 ClientSampleId :
 OR-01-062521

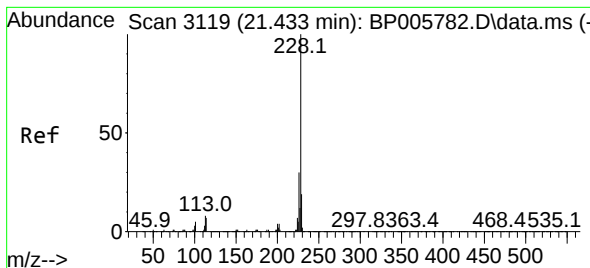
Tgt Ion:244 Resp: 783059
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.5 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 21.830 ng
 RT: 21.339 min Scan# 3103
 Delta R.T. 0.000 min
 Lab File: BP006088.D
 Acq: 28 Jun 2021 21:15

Tgt Ion:228 Resp: 924103
 Ion Ratio Lower Upper
 228 100
 226 27.4 21.6 32.4
 229 20.7 15.8 23.6





#83

Chrysene

Concen: 19.685 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP006088.D

Acq: 28 Jun 2021 21:15

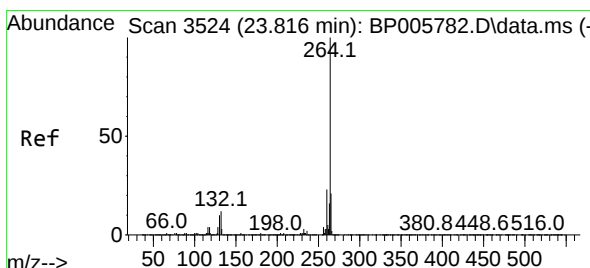
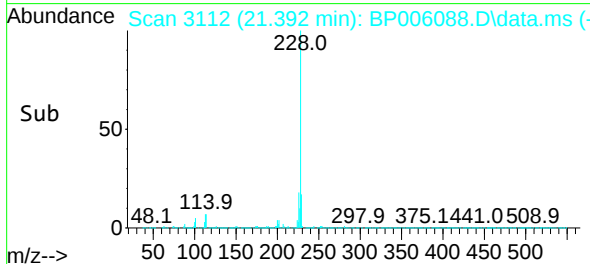
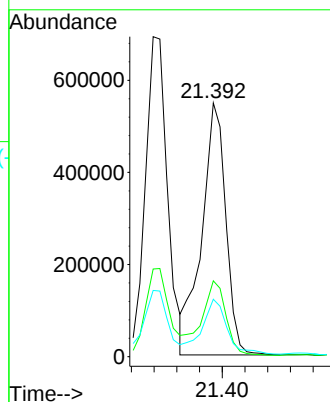
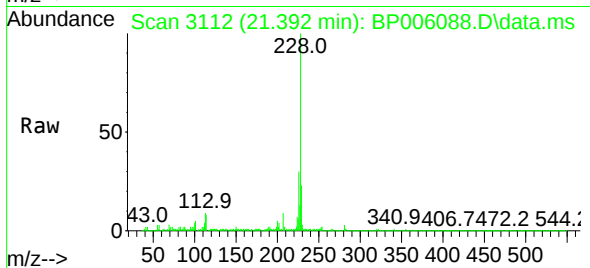
Tgt Ion:228 Resp: 807117

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.6

229 22.6 15.4 23.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.763 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BP006088.D

Acq: 28 Jun 2021 21:15

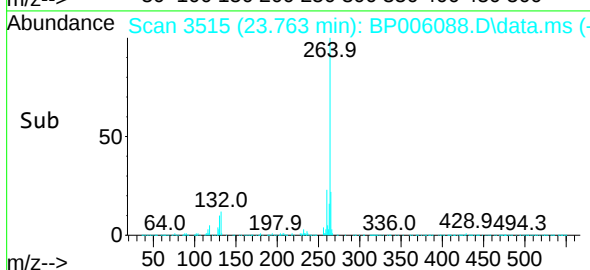
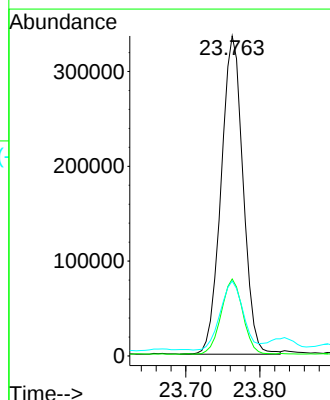
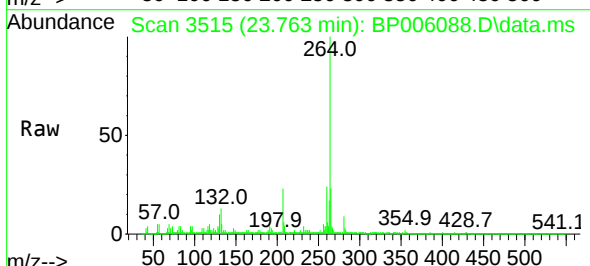
Tgt Ion:264 Resp: 688862

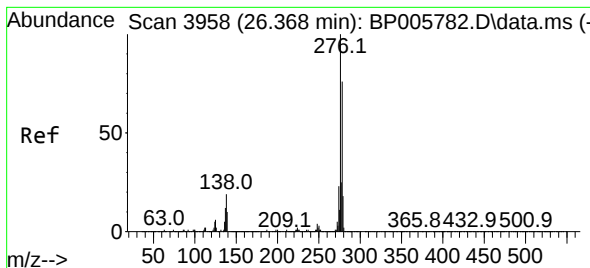
Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 23.4 17.6 26.4

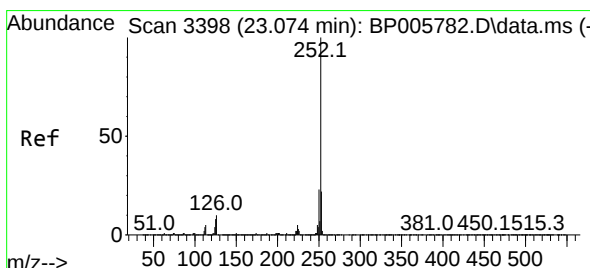
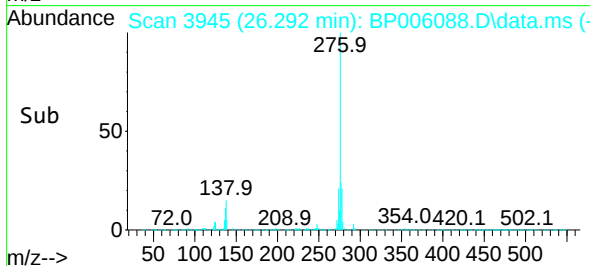
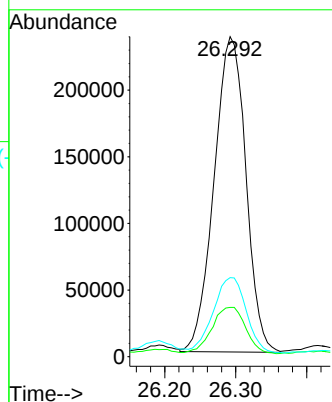
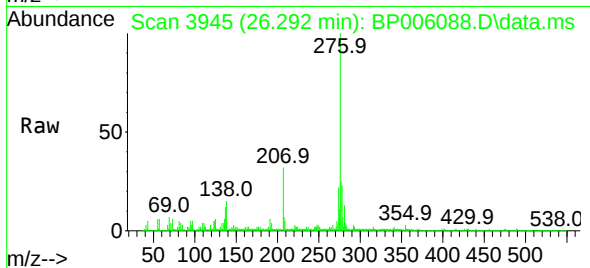




#87
Indeno(1,2,3-cd)pyrene
Concen: 12.487 ng
RT: 26.292 min Scan# 3945
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

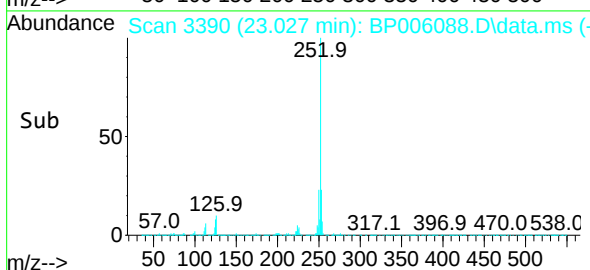
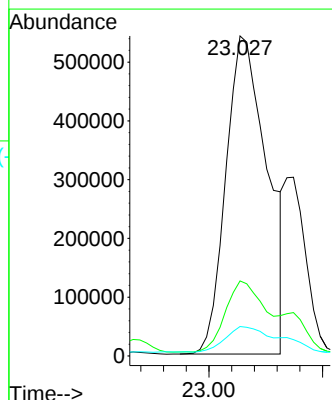
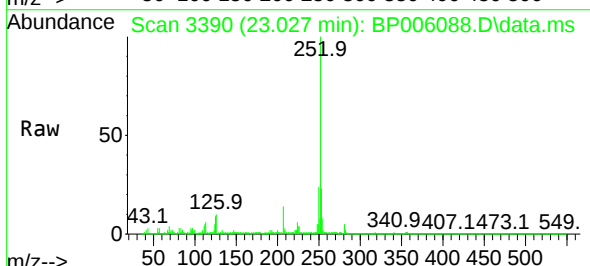
Instrument :
BNA_P
ClientSampleId :
OR-01-062521

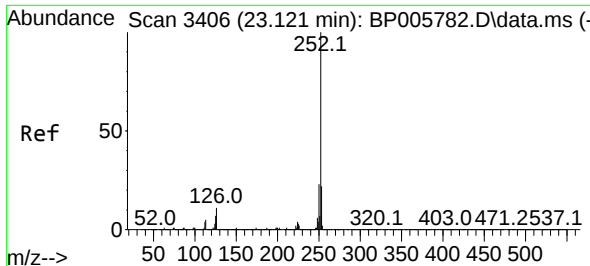
Tgt Ion:	276	Resp:	735608
Ion Ratio	Lower	Upper	
276	100		
138	15.6	15.3	22.9
277	24.8	20.4	30.6



#88
Benzo(b)fluoranthene
Concen: 28.970 ng
RT: 23.027 min Scan# 3390
Delta R.T. 0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:	252	Resp:	1366850
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.5	26.3
125	9.2	6.2	9.4

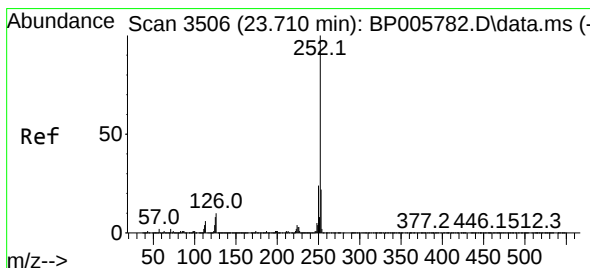
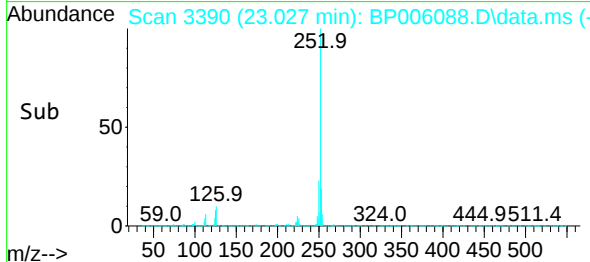
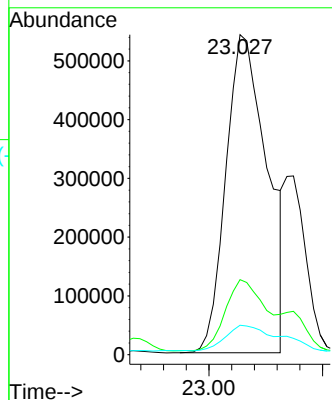
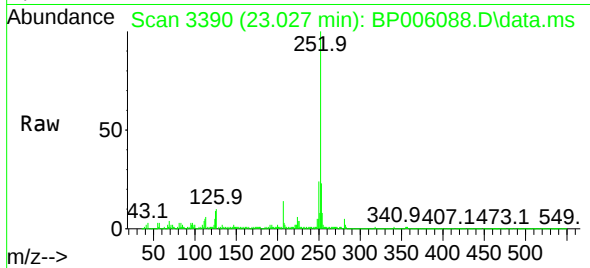




#89
Benzo(k)fluoranthene
Concen: 29.876 ng
RT: 23.027 min Scan# 3390
Delta R.T. -0.041 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

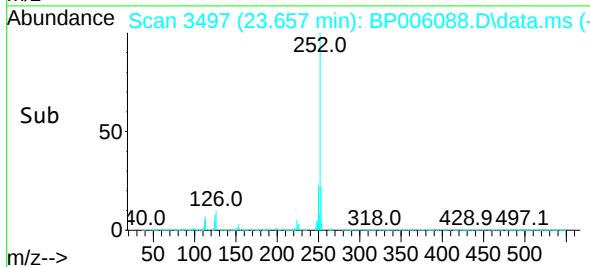
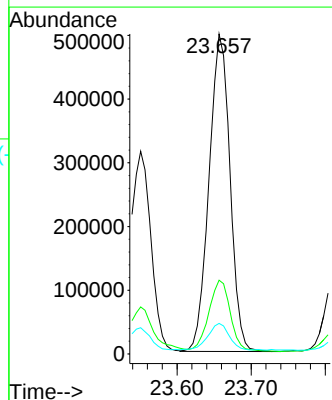
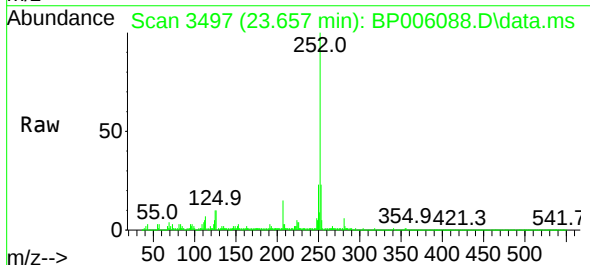
Instrument :
BNA_P
ClientSampleId :
OR-01-062521

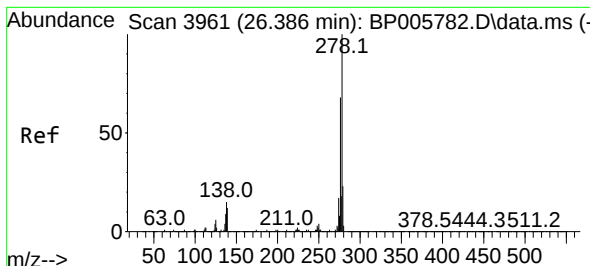
Tgt Ion:252 Resp: 1366850
Ion Ratio Lower Upper
252 100
253 23.4 17.6 26.4
125 9.2 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 22.076 ng
RT: 23.657 min Scan# 3497
Delta R.T. 0.006 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:252 Resp: 979243
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 9.5 6.5 9.7

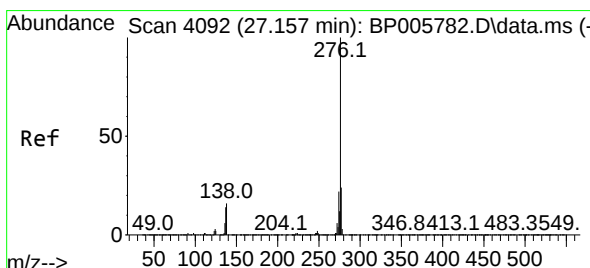
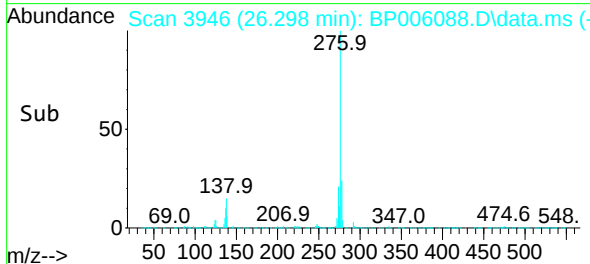
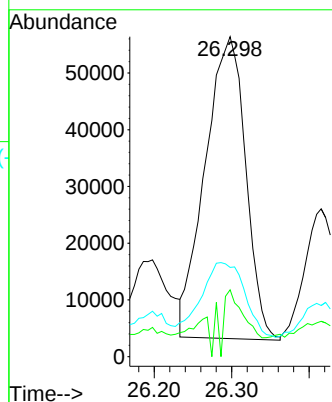
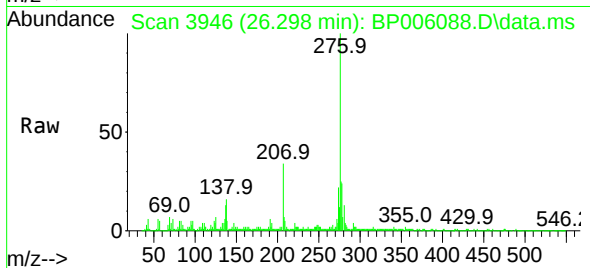




#91
Dibenzo(a,h)anthracene
Concen: 3.816 ng
RT: 26.298 min Scan# 3946
Delta R.T. 0.000 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Instrument :
BNA_P
ClientSampleId :
OR-01-062521

Tgt Ion:278 Resp: 193503
Ion Ratio Lower Upper
278 100
139 20.9 9.3 13.9#
279 27.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 14.652 ng
RT: 27.074 min Scan# 4078
Delta R.T. 0.012 min
Lab File: BP006088.D
Acq: 28 Jun 2021 21:15

Tgt Ion:276 Resp: 733884
Ion Ratio Lower Upper
276 100
277 24.7 18.9 28.3
138 16.2 12.6 18.8

