

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061621\
 Data File : BP005951.D
 Acq On : 16 Jun 2021 15:20
 Operator : CG/JU
 Sample : M2678-07RX
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 0241-AMND-COMP-F(CL-05)RX

Quant Time: Jun 16 16:05:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 16 11:35:30 2021
 Response via : Initial Calibration

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

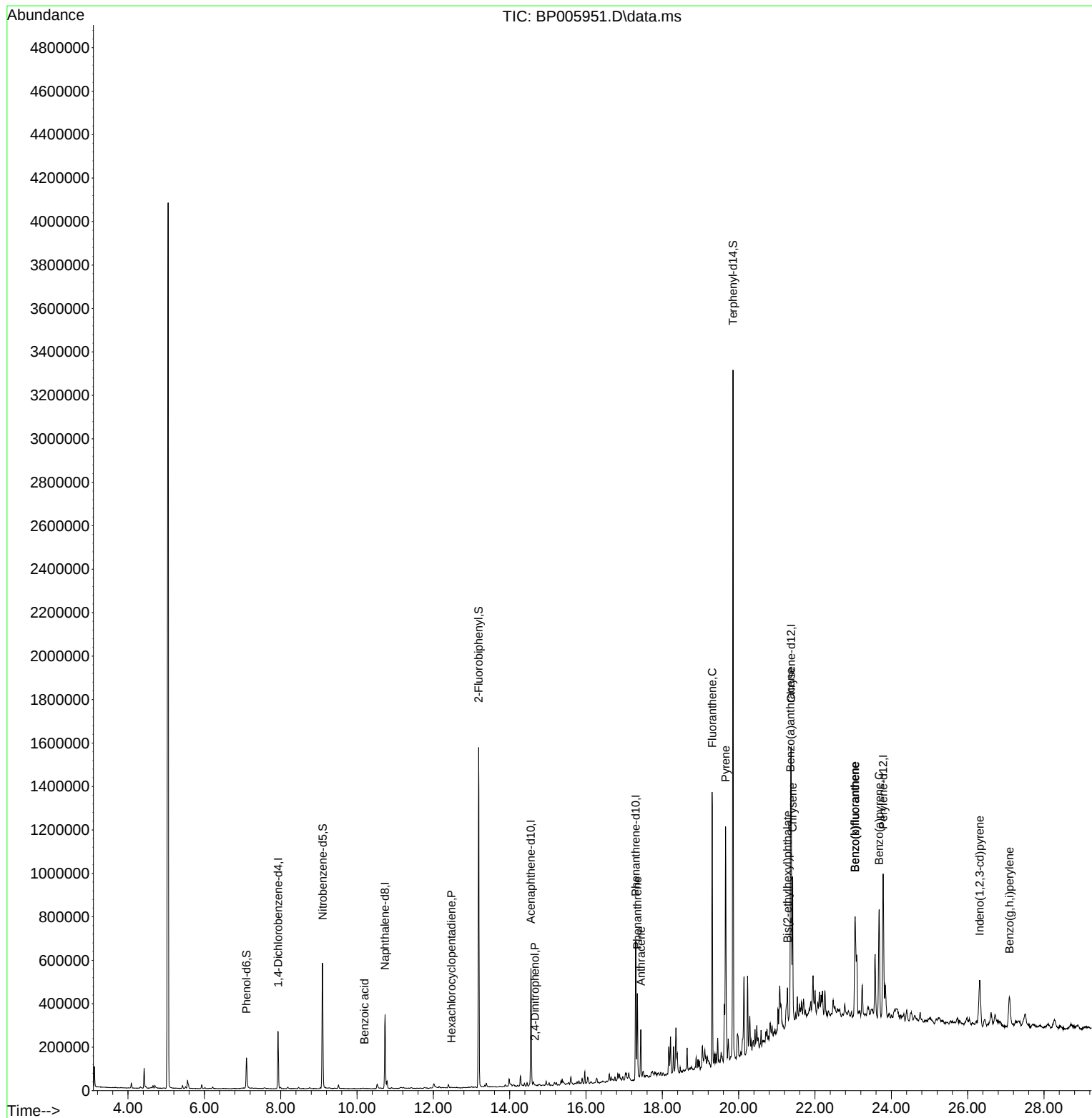
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	75796	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	291539	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	186323	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	391452	20.000	ng	0.00
76) Chrysene-d12	21.374	240	459569	20.000	ng	0.00
86) Perylene-d12	23.786	264	529984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	4144	0.877	ng	0.00
7) Phenol-d6	7.105	99	88710	14.489	ng	0.00
23) Nitrobenzene-d5	9.099	82	356580	59.965	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	680	0.213	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	807290	56.895	ng	0.00
79) Terphenyl-d14	19.851	244	1407812	57.361	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.199	122	41	6.330	ng	85
41) Hexachlorocyclopentadiene	12.475	237	8	5.506	ng	84
54) 2,4-Dinitrophenol	14.663	184	32	4.863	ng	# 1
71) Phenanthrene	17.345	178	230867	9.821	ng	99
72) Anthracene	17.439	178	138245	5.975	ng	99
75) Fluoranthene	19.304	202	721514	25.273	ng	98
78) Pyrene	19.657	202	639233	19.924	ng	99
81) Benzo(a)anthracene	21.357	228	455342	13.726	ng	98
83) Chrysene	21.410	228	371802	11.571	ng	98
84) Bis(2-ethylhexyl)phtha...	21.280	149	44171	2.282	ng	96
87) Indeno(1,2,3-cd)pyrene	26.315	276	223573	4.933	ng	98
88) Benzo(b)fluoranthene	23.051	252	465065	12.812	ng	97
89) Benzo(k)fluoranthene	23.051	252	465065	13.213	ng	# 97
90) Benzo(a)pyrene	23.680	252	378898	11.103	ng	99
92) Benzo(g,h,i)perylene	27.098	276	195361	5.070	ng	98

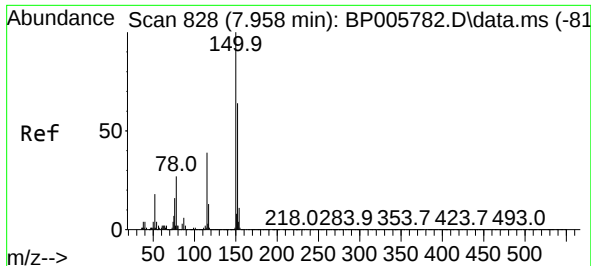
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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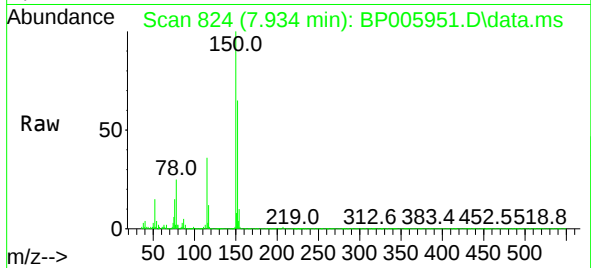
Quant Time: Jun 16 16:05:51 2021
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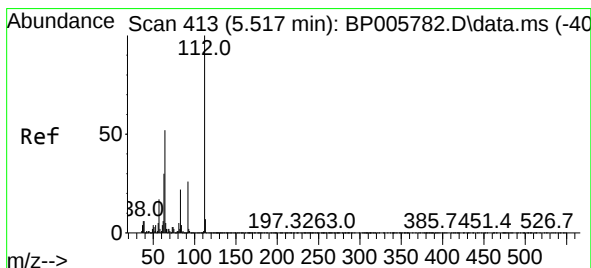
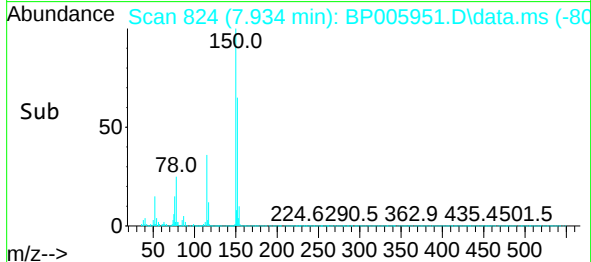
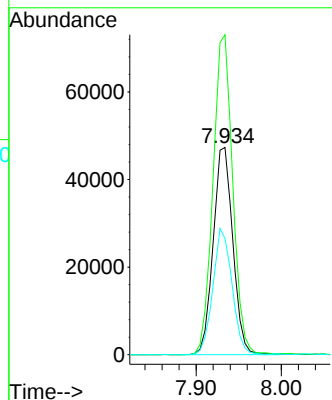


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 824
Delta R.T. 0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

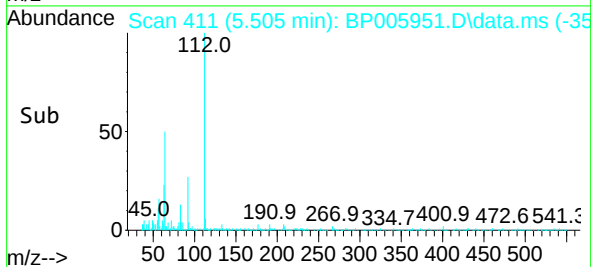
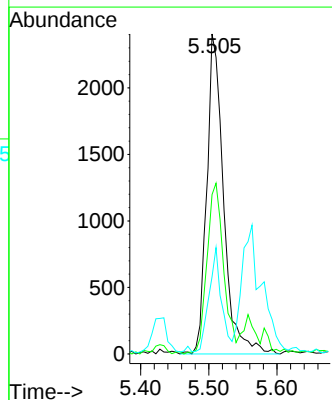
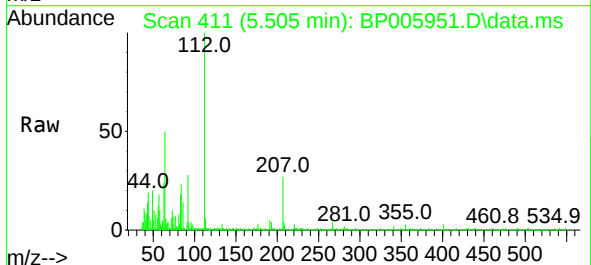


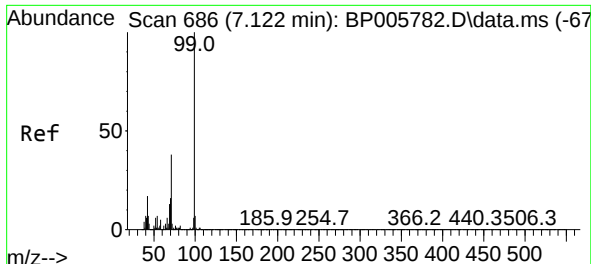
Tgt Ion:152 Resp: 75796
Ion Ratio Lower Upper
152 100
150 154.5 125.6 188.4
115 56.0 48.5 72.7



#5
2-Fluorophenol
Concen: 0.877 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:112 Resp: 4144
Ion Ratio Lower Upper
112 100
64 49.8 41.4 62.2
63 24.1 23.8 35.8

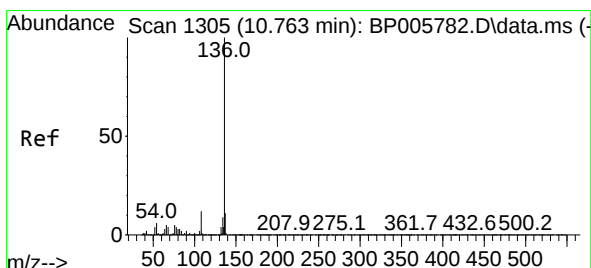
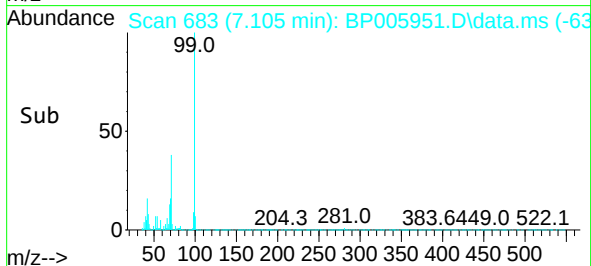
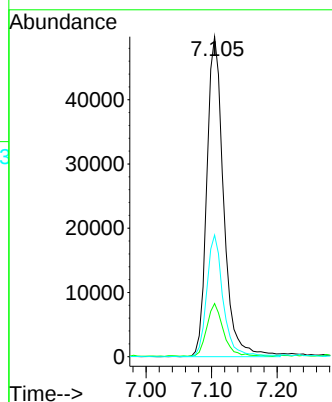
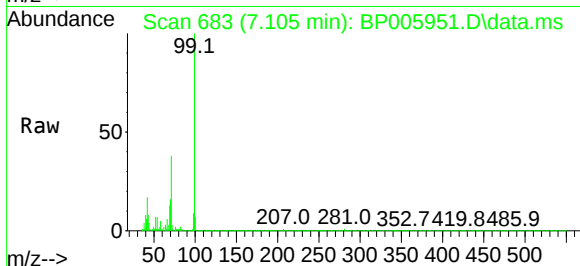




#7
Phenol-d6
Concen: 14.489 ng
RT: 7.105 min Scan# 683
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

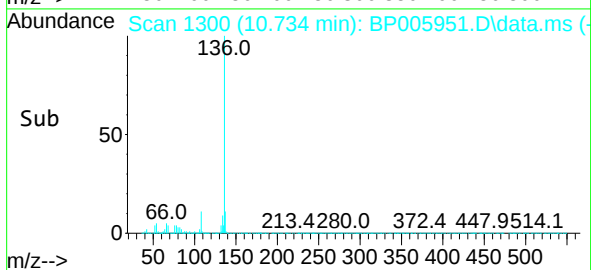
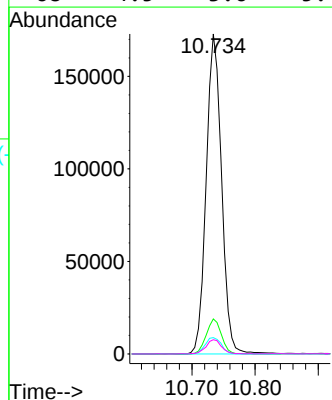
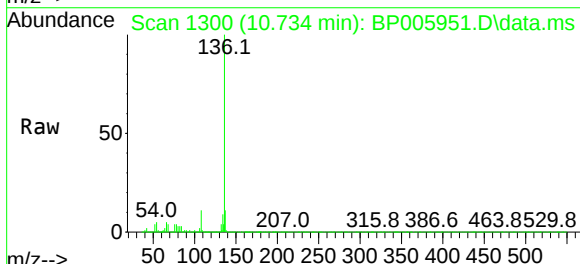
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

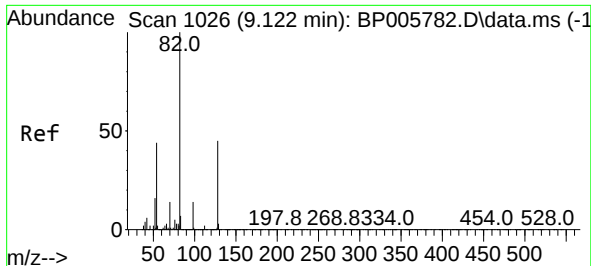
Tgt Ion:	99	Resp:	88710
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.4	20.0
71	38.0	30.6	46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:	136	Resp:	291539
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	5.1	4.6	6.8
68	4.5	3.6	5.4

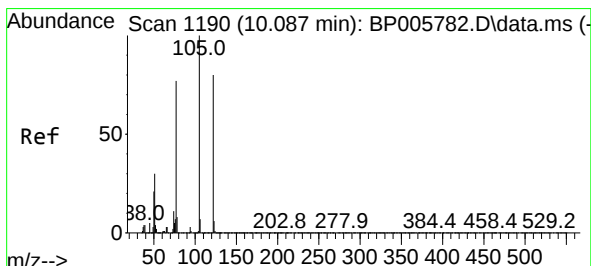
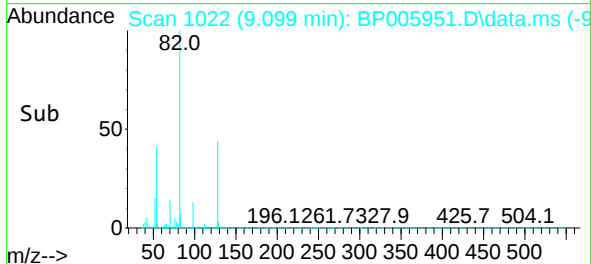
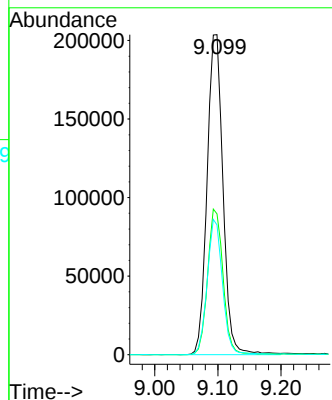
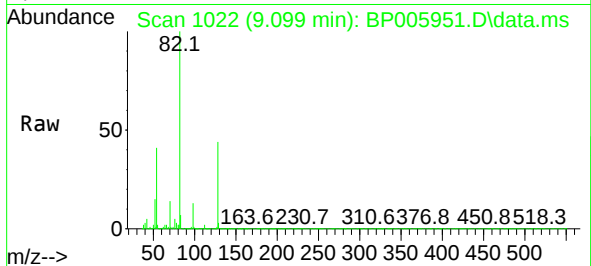




#23
Nitrobenzene-d5
Concen: 59.965 ng
RT: 9.099 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

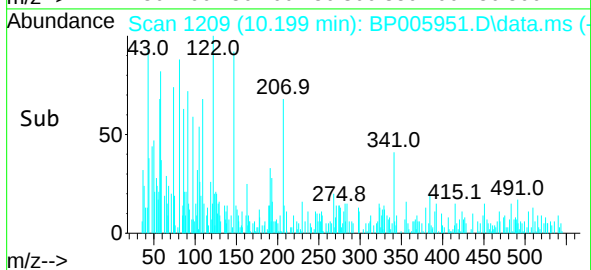
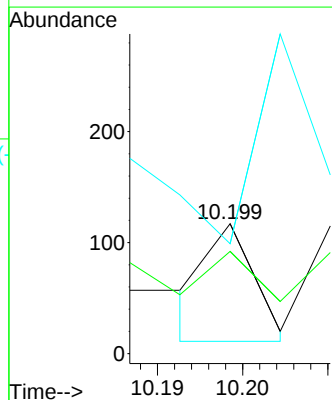
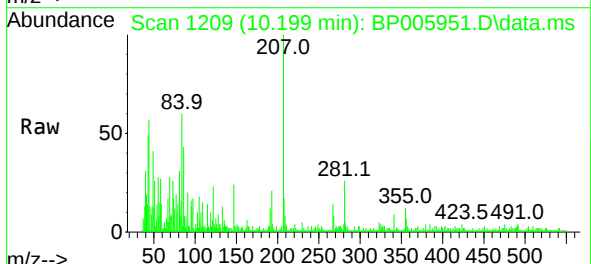
Instrument :
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ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

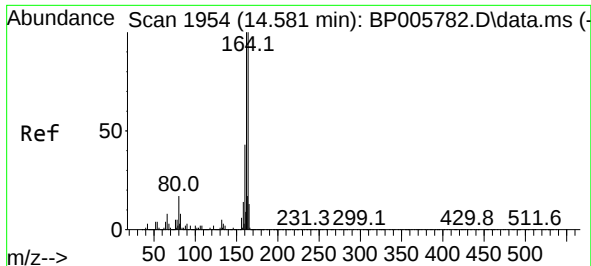
Tgt Ion: 82 Resp: 356580
Ion Ratio Lower Upper
82 100
128 44.0 35.7 53.5
54 40.5 35.0 52.4



#32
Benzoic acid
Concen: 6.330 ng
RT: 10.199 min Scan# 1209
Delta R.T. 0.118 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion: 122 Resp: 41
Ion Ratio Lower Upper
122 100
105 104.3 103.2 143.2
77 84.6 76.2 116.2

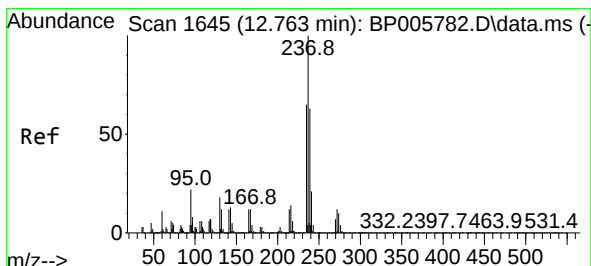
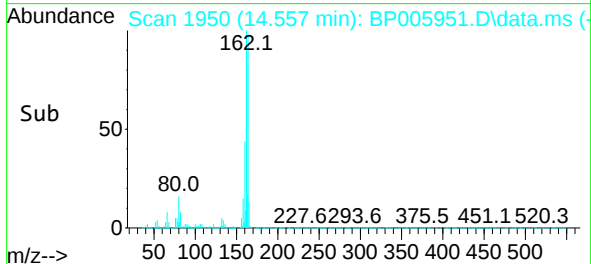
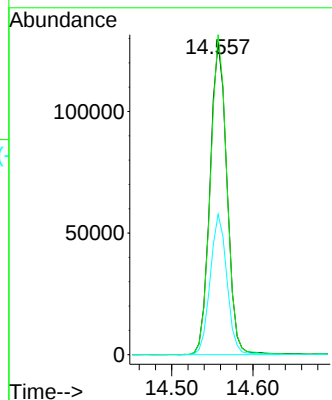
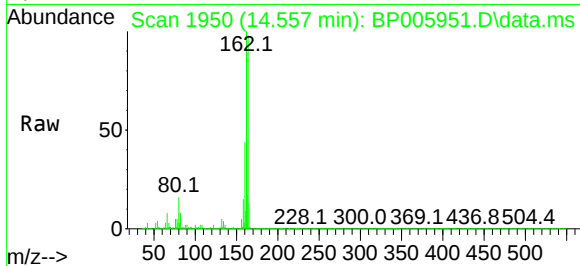




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

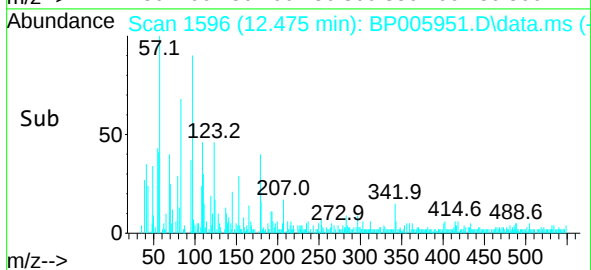
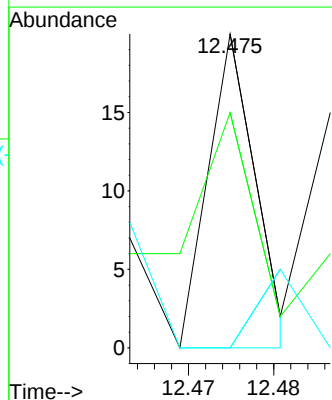
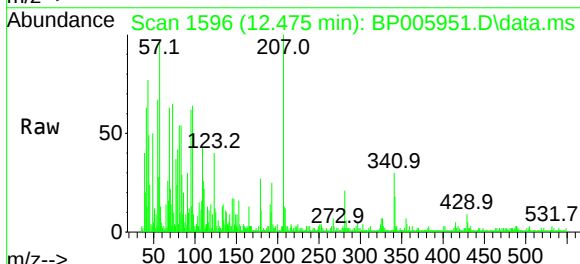
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

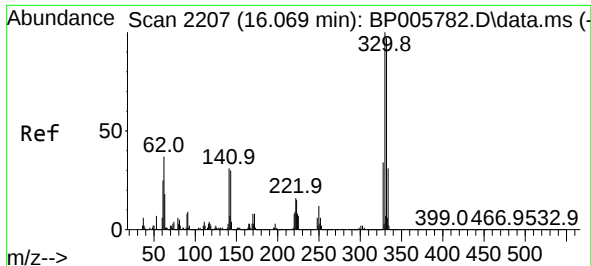
Tgt Ion:164 Resp: 186323
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 45.0 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.506 ng
RT: 12.475 min Scan# 1596
Delta R.T. -0.259 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:237 Resp: 8
Ion Ratio Lower Upper
237 100
235 75.0 44.5 84.5
272 0.0 0.0 32.5

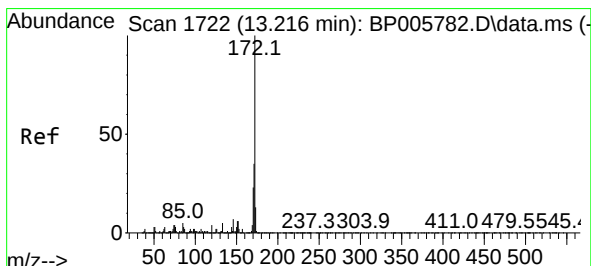
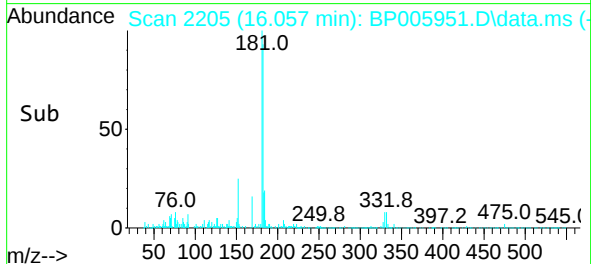
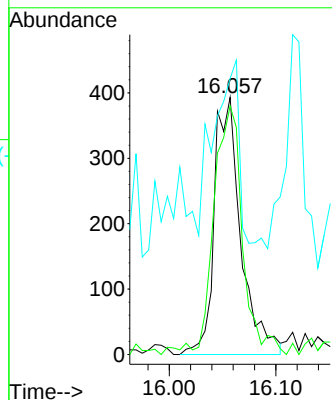
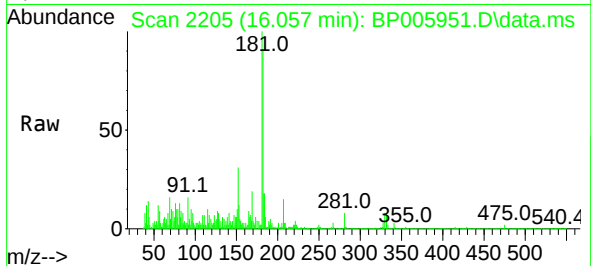




#42
2,4,6-Tribromophenol
Concen: 0.213 ng
RT: 16.057 min Scan# 2205
Delta R.T. 0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

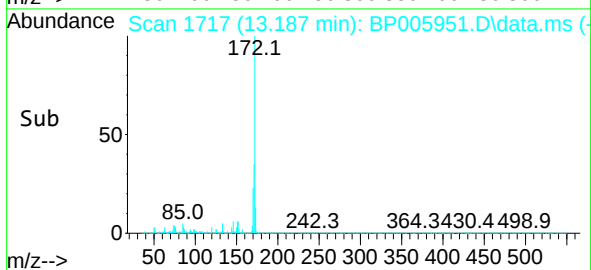
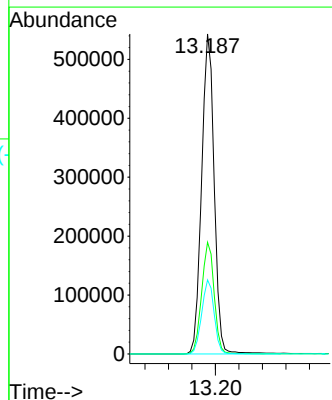
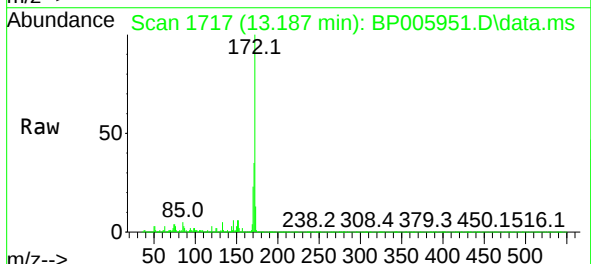
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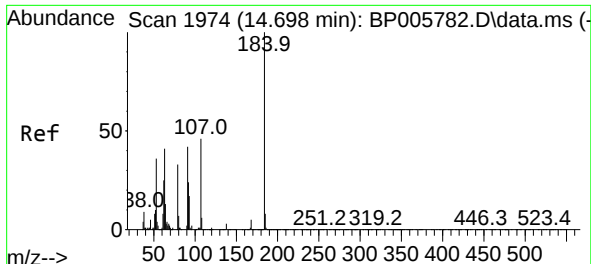
Tgt Ion:330 Resp: 680
Ion Ratio Lower Upper
330 100
332 105.1 77.8 116.8
141 66.5 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 56.895 ng
RT: 13.187 min Scan# 1717
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:172 Resp: 807290
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.2 18.6 27.8

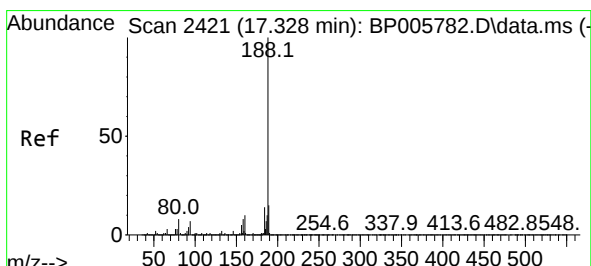
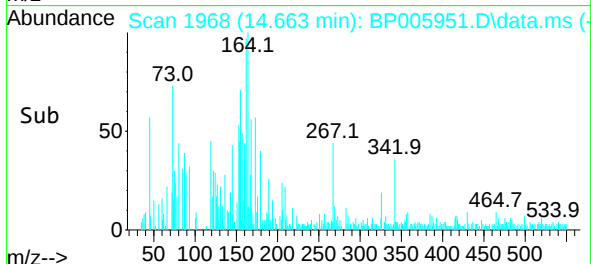
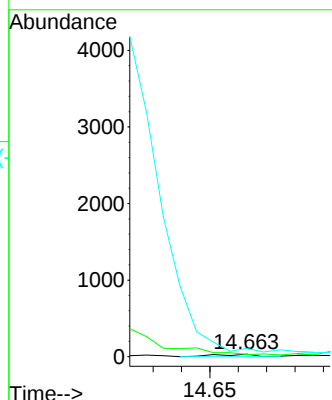
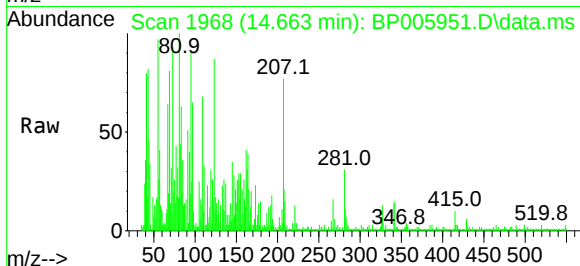




#54
2,4-Dinitrophenol
Concen: 4.863 ng
RT: 14.663 min Scan# 1968
Delta R.T. -0.018 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

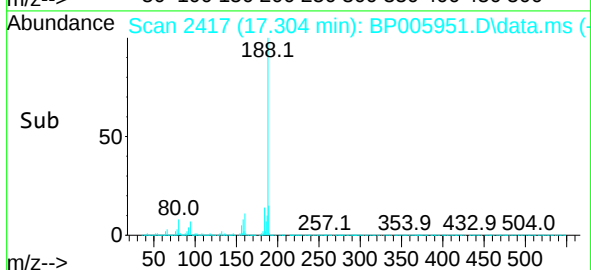
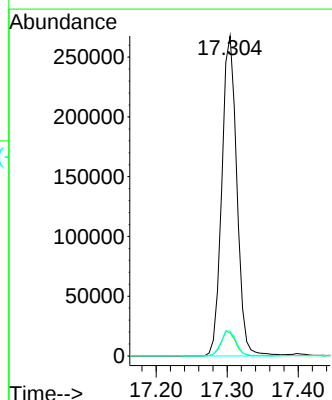
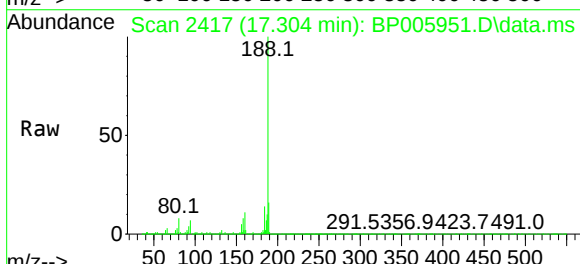
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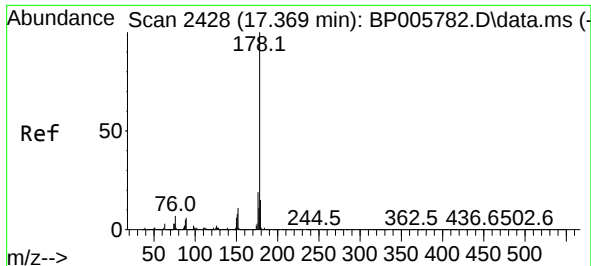
Tgt Ion:184 Resp: 32
Ion Ratio Lower Upper
184 100
63 81.8 47.0 70.6#
154 333.3 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.304 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:188 Resp: 391452
Ion Ratio Lower Upper
188 100
94 7.3 5.6 8.4
80 7.7 6.3 9.5

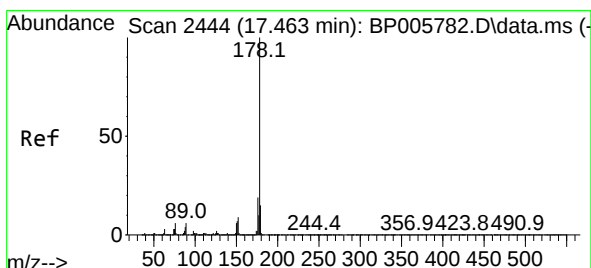
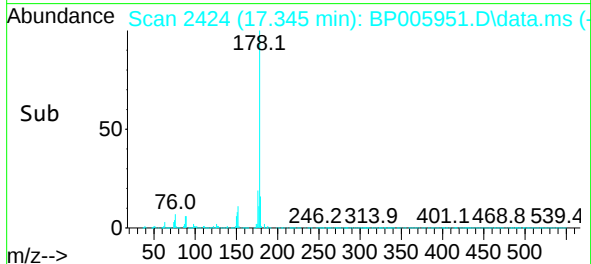
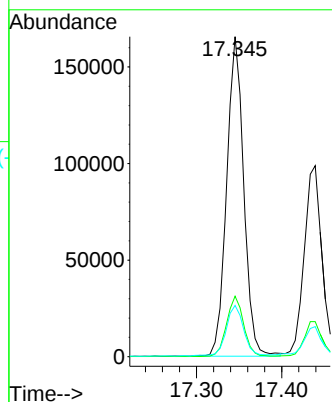
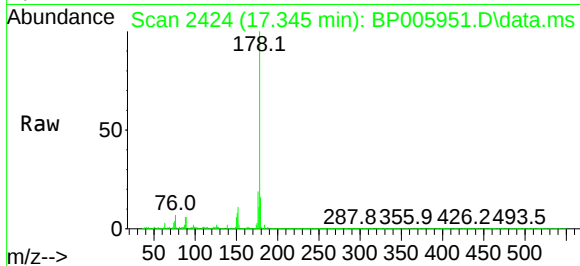




#71
Phenanthrene
Concen: 9.821 ng
RT: 17.345 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

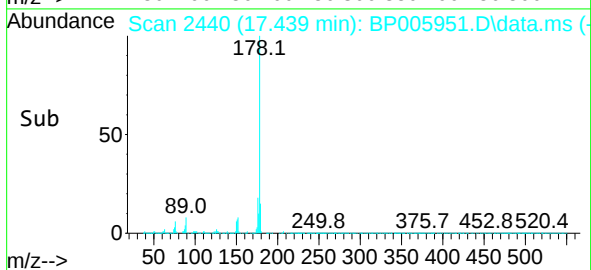
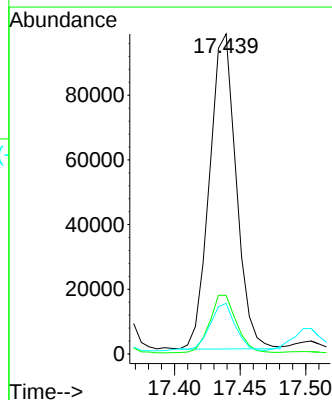
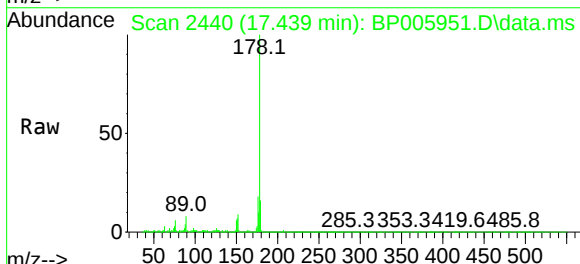
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

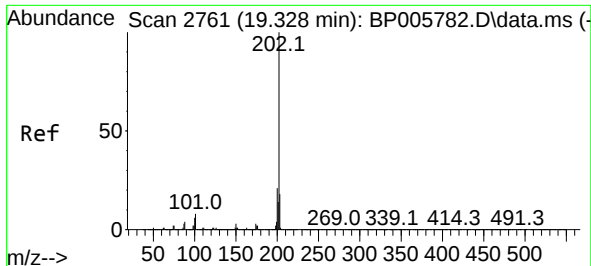
Tgt Ion:178 Resp: 230867
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.0 12.4 18.6



#72
Anthracene
Concen: 5.975 ng
RT: 17.439 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:178 Resp: 138245
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.8 12.2 18.2

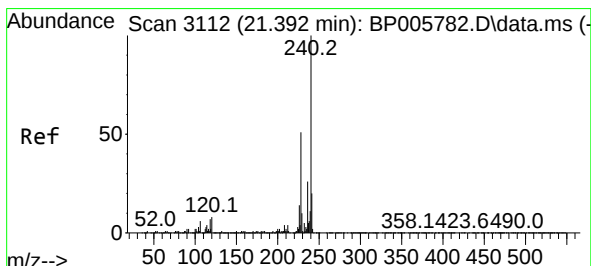
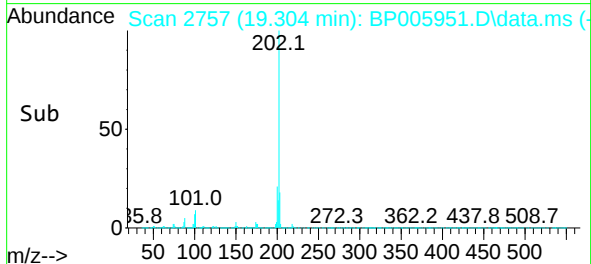
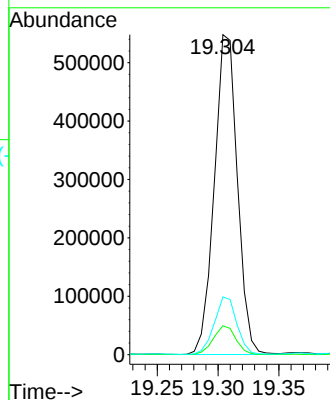
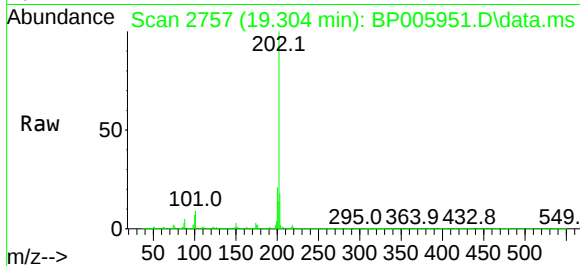




#75
Fluoranthene
Concen: 25.273 ng
RT: 19.304 min Scan# 2757
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

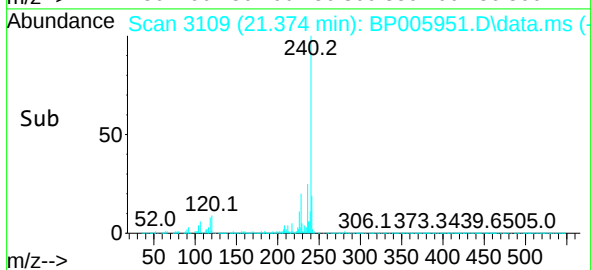
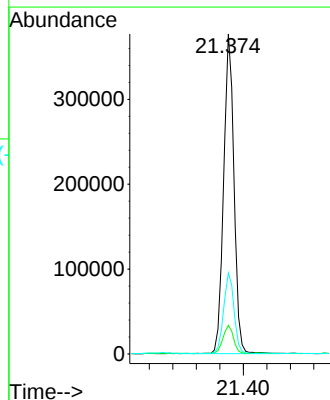
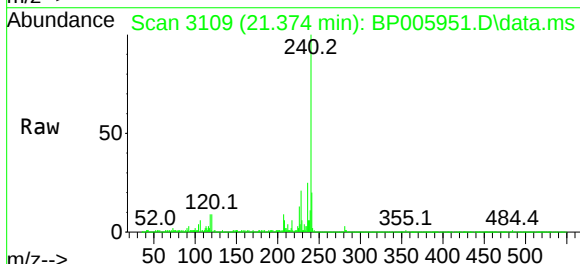
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

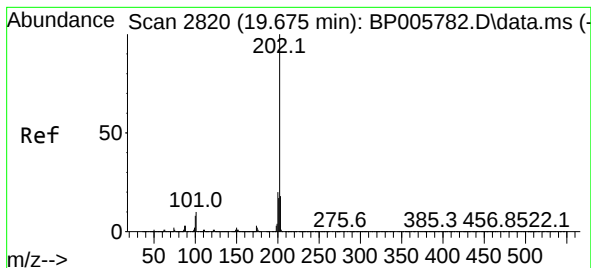
Tgt Ion:202 Resp: 721514
Ion Ratio Lower Upper
202 100
101 9.1 0.0 27.6
203 18.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:240 Resp: 459569
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 25.4 20.6 31.0





#78

Pyrene

Concen: 19.924 ng

RT: 19.657 min Scan# 2817

Delta R.T. -0.006 min

Lab File: BP005951.D

Acq: 16 Jun 2021 15:20

Tgt Ion:202 Resp: 639233

Ion Ratio Lower Upper

202 100

200 21.0 16.3 24.5

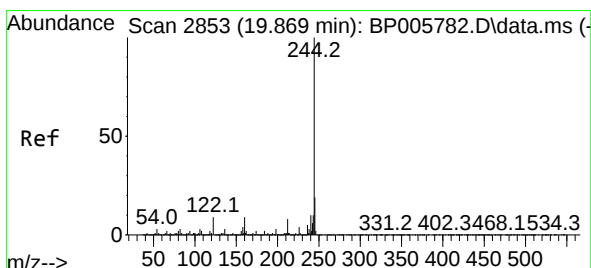
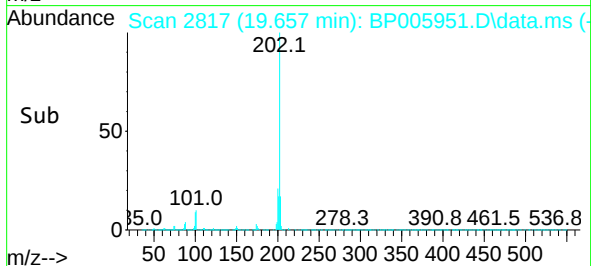
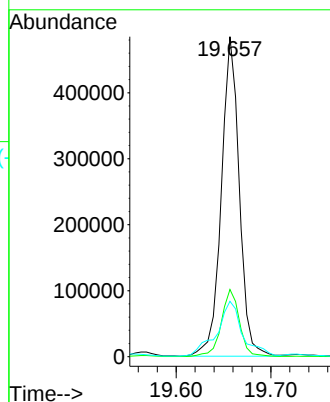
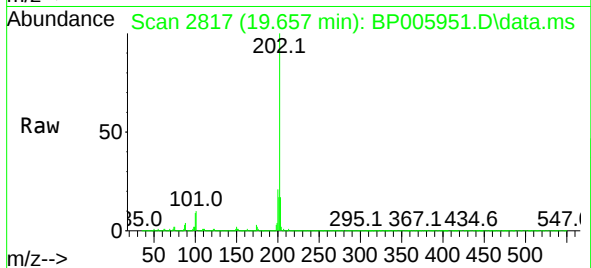
203 17.3 14.2 21.2

Instrument :

BNA_P

ClientSampleId :

0241-AMND-COMP-F(CL-05)RX



#79

Terphenyl-d14

Concen: 57.361 ng

RT: 19.851 min Scan# 2850

Delta R.T. -0.006 min

Lab File: BP005951.D

Acq: 16 Jun 2021 15:20

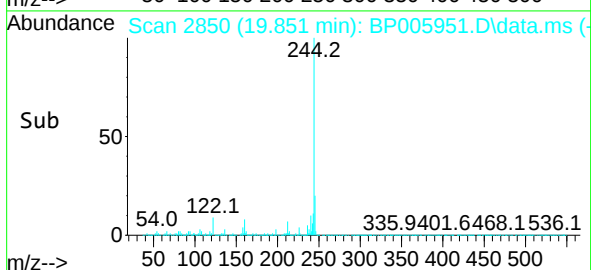
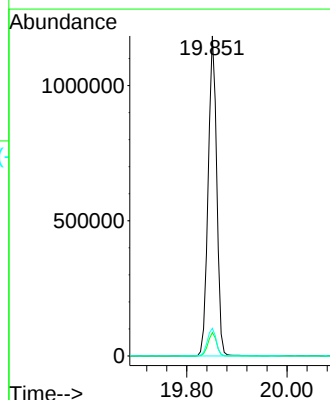
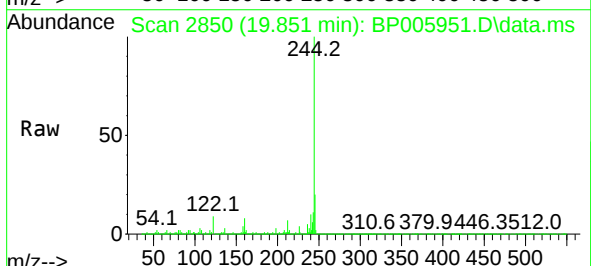
Tgt Ion:244 Resp: 1407812

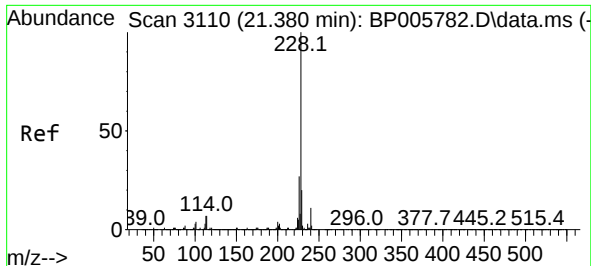
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 8.7 7.1 10.7

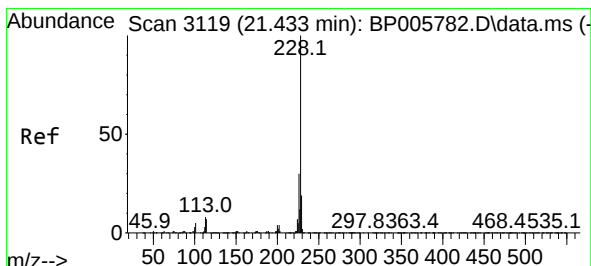
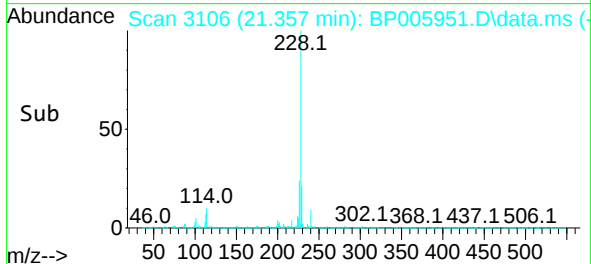
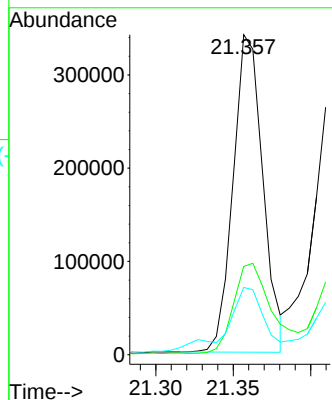
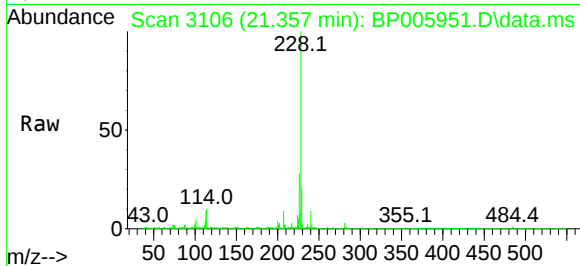




#81
Benzo(a)anthracene
Concen: 13.726 ng
RT: 21.357 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

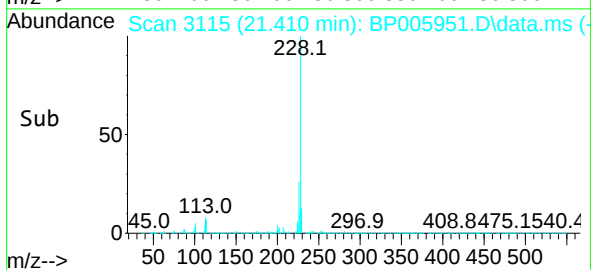
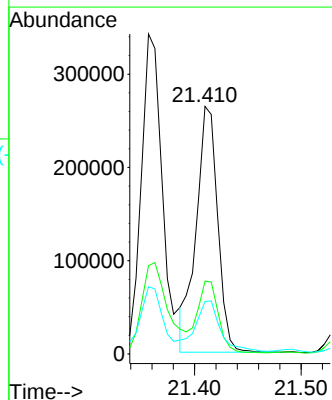
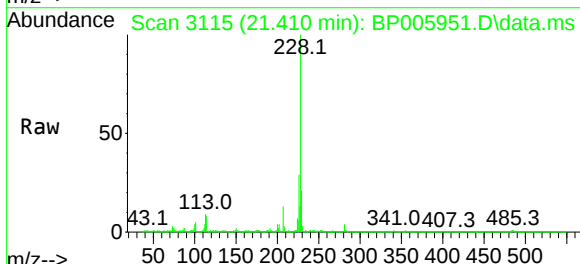
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

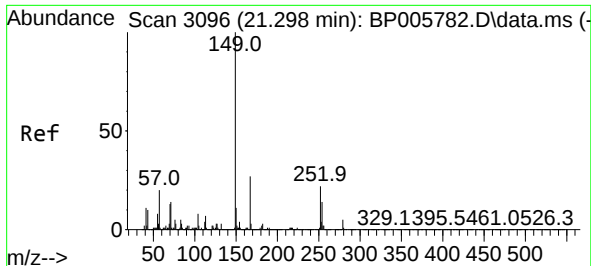
Tgt Ion:228 Resp: 455342
Ion Ratio Lower Upper
228 100
226 27.6 21.6 32.4
229 21.0 15.8 23.6



#83
Chrysene
Concen: 11.571 ng
RT: 21.410 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:228 Resp: 371802
Ion Ratio Lower Upper
228 100
226 29.4 23.8 35.6
229 21.2 15.4 23.2

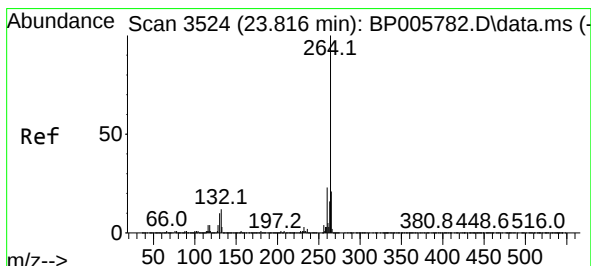
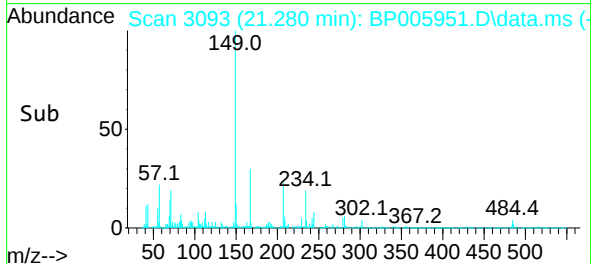
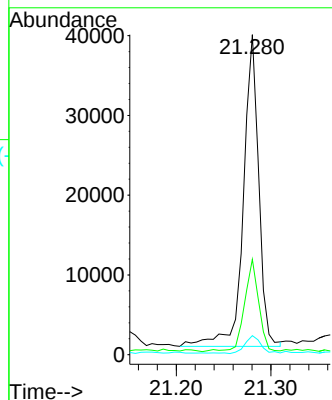
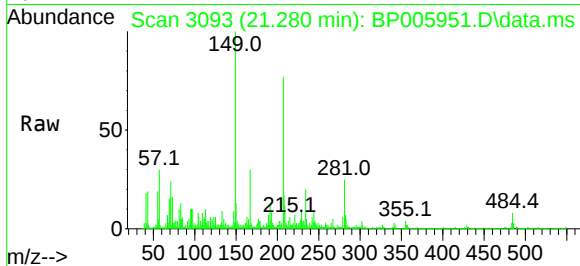




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.282 ng
RT: 21.280 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

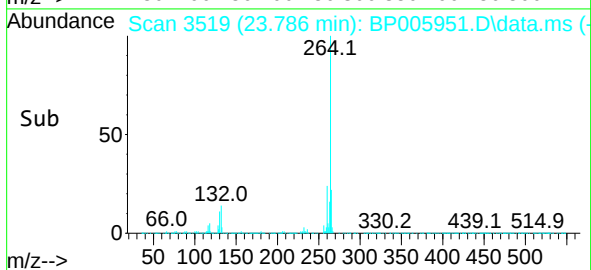
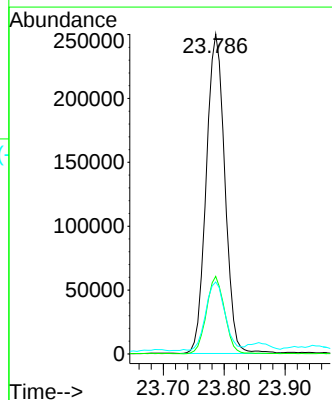
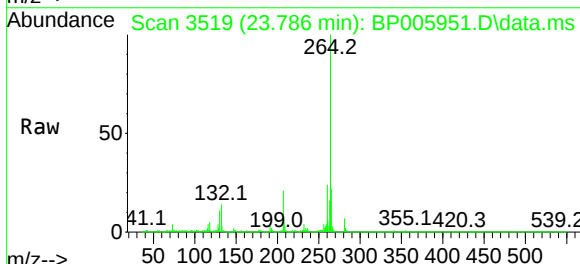
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

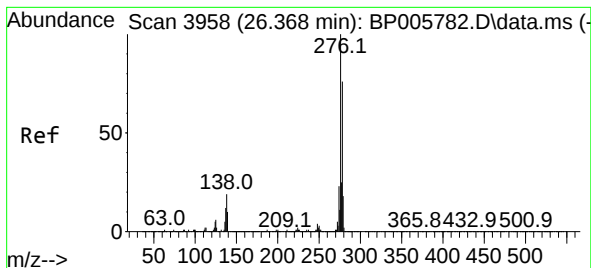
Tgt Ion:149 Resp: 44171
Ion Ratio Lower Upper
149 100
167 29.8 21.9 32.9
279 6.0 4.3 6.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.786 min Scan# 3519
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

Tgt Ion:264 Resp: 529984
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: 4.933 ng

RT: 26.315 min Scan# 3949

Delta R.T. -0.023 min

Lab File: BP005951.D

Acq: 16 Jun 2021 15:20

Instrument :

BNA_P

ClientSampleId :

0241-AMND-COMP-F(CL-05)RX

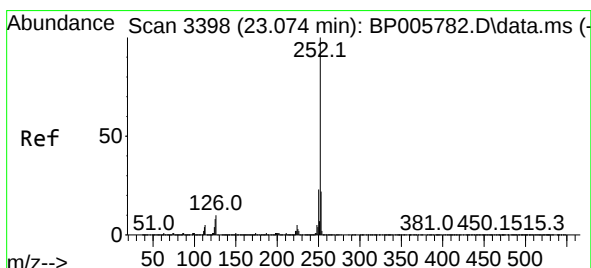
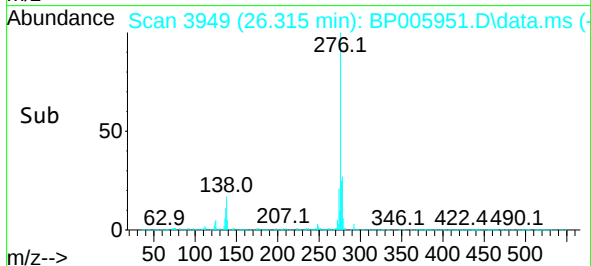
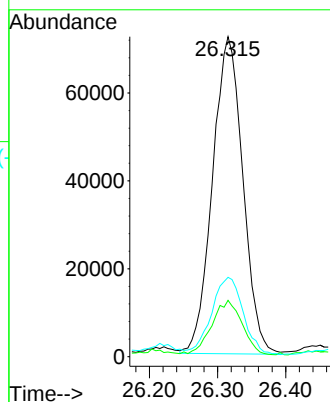
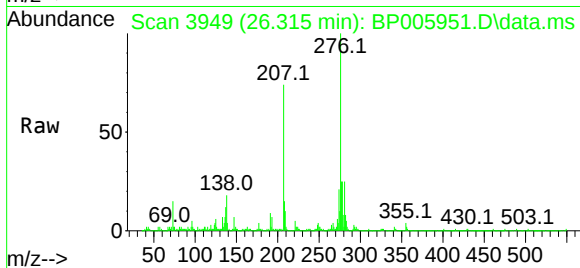
Tgt Ion:276 Resp: 223573

Ion Ratio Lower Upper

276 100

138 17.2 15.3 22.9

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 12.812 ng

RT: 23.051 min Scan# 3394

Delta R.T. -0.006 min

Lab File: BP005951.D

Acq: 16 Jun 2021 15:20

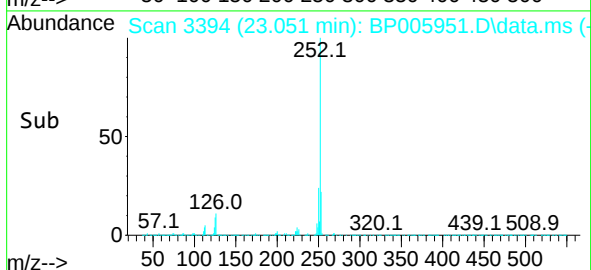
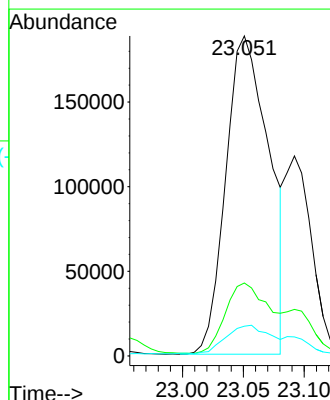
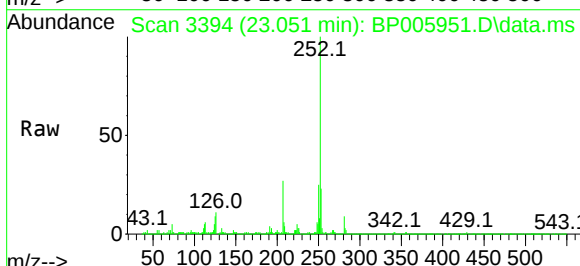
Tgt Ion:252 Resp: 465065

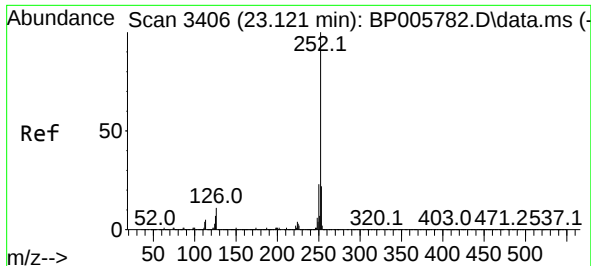
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 9.3 6.2 9.4

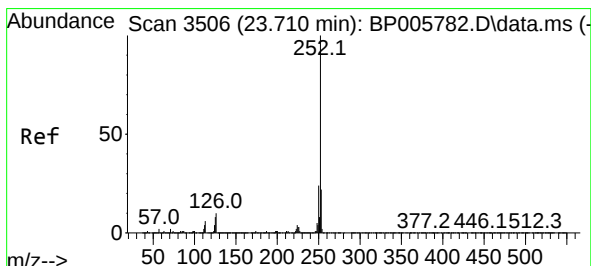
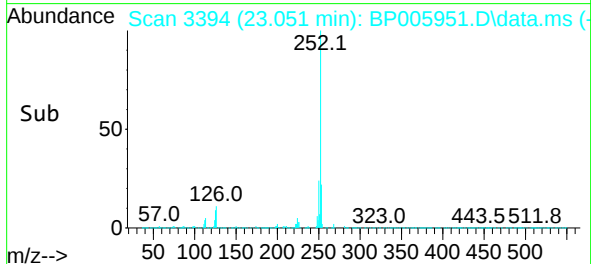
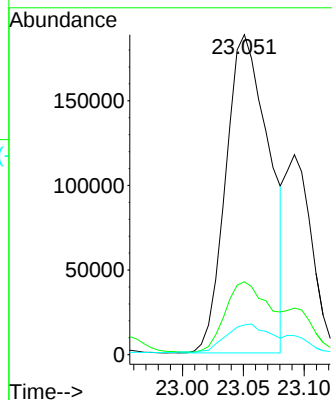
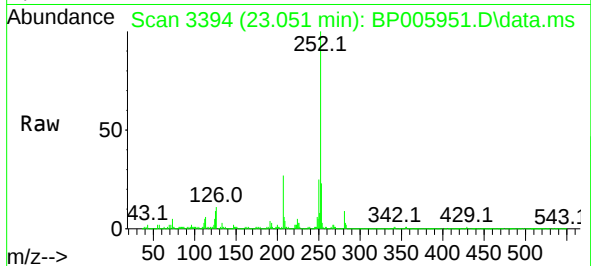




#89
Benzo(k)fluoranthene
Concen: 13.213 ng
RT: 23.051 min Scan# 3394
Delta R.T. -0.053 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

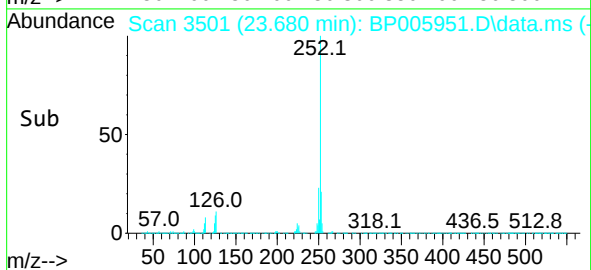
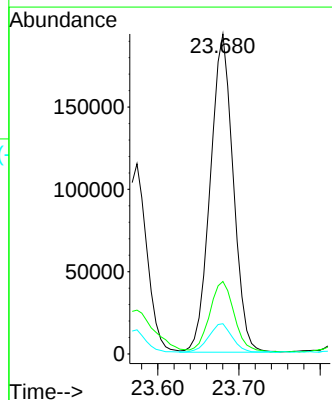
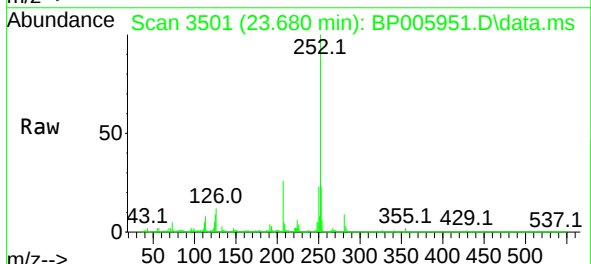
Instrument :
BNA_P
ClientSampleId :
0241-AMND-COMP-F(CL-05)RX

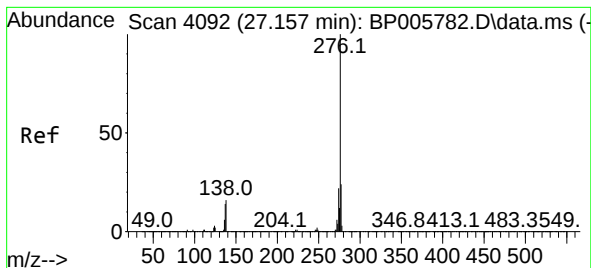
Tgt Ion:252 Resp: 465065
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 9.3 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 11.103 ng
RT: 23.680 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BP005951.D
Acq: 16 Jun 2021 15:20

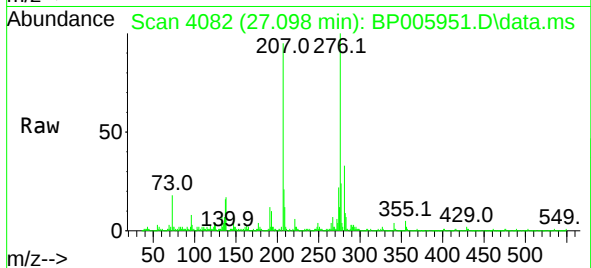
Tgt Ion:252 Resp: 378898
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.4 6.5 9.7





#92
 Benzo(g,h,i)perylene
 Concen: 5.070 ng
 RT: 27.098 min Scan# 4082
 Delta R.T. -0.023 min
 Lab File: BP005951.D
 Acq: 16 Jun 2021 15:20

Instrument :
 BNA_P
 ClientSampleId :
 0241-AMND-COMP-F(CL-05)RX



Tgt Ion:	276	Resp:	195361
Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	17.3	12.6	18.8

