

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062321\
 Data File : BP006037.D
 Acq On : 23 Jun 2021 16:27
 Operator : CG/JU
 Sample : M2709-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 0249-AMND-COMP-N(CL-22)RX

Quant Time: Jun 24 01:16:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 22 17:52:38 2021
 Response via : Initial Calibration

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

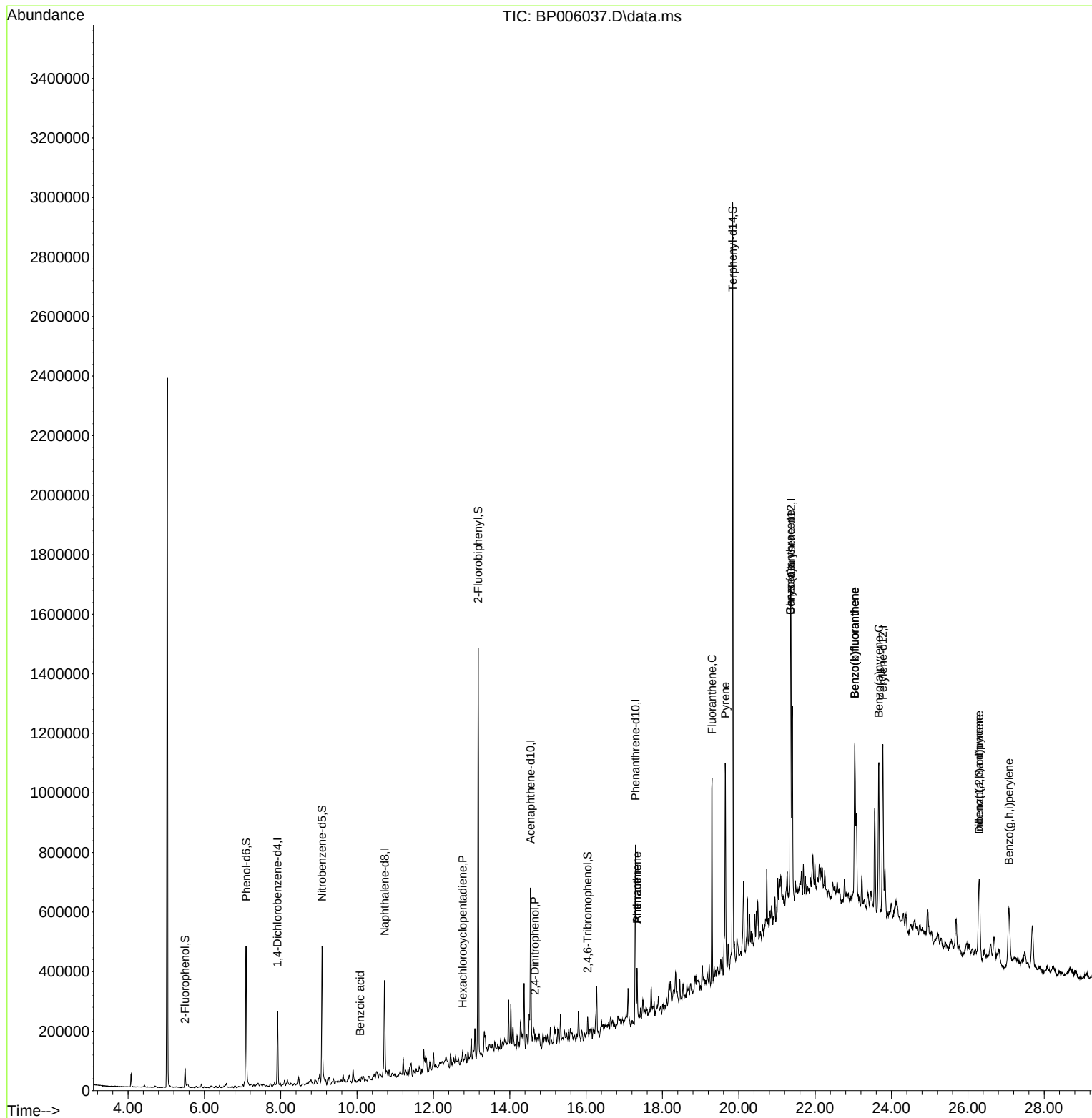
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	69792	20.00	ng	0.00
21) Naphthalene-d8	10.722	136	271474	20.00	ng	# 0.00
39) Acenaphthene-d10	14.546	164	169327	20.00	ng	0.00
64) Phenanthrene-d10	17.292	188	339550	20.00	ng	0.00
76) Chrysene-d12	21.369	240	384621	20.00	ng	0.00
86) Perylene-d12	23.774	264	444123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	34317	7.89	ng	0.00
7) Phenol-d6	7.093	99	297622	52.79	ng	0.00
23) Nitrobenzene-d5	9.081	82	289051	52.20	ng	0.00
42) 2,4,6-Tribromophenol	16.040	330	11633	4.00	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	698963	54.20	ng	0.00
79) Terphenyl-d14	19.839	244	1192211	58.04	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.081	122	28	6.33	ng	# 1
41) Hexachlorocyclopentadiene	12.763	237	25	5.51	ng	88
54) 2,4-Dinitrophenol	14.657	184	38	4.87	ng	# 1
71) Phenanthrene	17.334	178	106539	5.22	ng	98
72) Anthracene	17.334	178	106539	5.31	ng	98
75) Fluoranthene	19.298	202	399915	16.15	ng	99
78) Pyrene	19.645	202	432965	16.12	ng	100
81) Benzo(a)anthracene	21.351	228	350764	12.63	ng	97
83) Chrysene	21.351	228	350764	13.04	ng	95
87) Indeno(1,2,3-cd)pyrene	26.298	276	263416	6.94	ng	98
88) Benzo(b)fluoranthene	23.039	252	537499	17.67	ng	# 97
89) Benzo(k)fluoranthene	23.039	252	537499	18.22	ng	# 97
90) Benzo(a)pyrene	23.669	252	392195	13.71	ng	# 97
91) Dibenzo(a,h)anthracene	26.298	278	83970	2.57	ng	# 81
92) Benzo(g,h,i)perylene	27.080	276	271520	8.41	ng	98

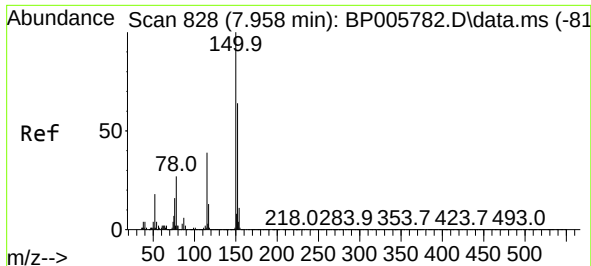
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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0249-AMND-COMP-N(CL-22)RX

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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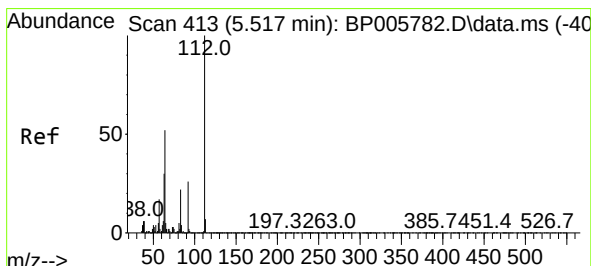
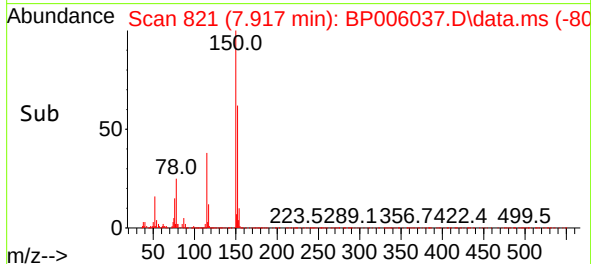
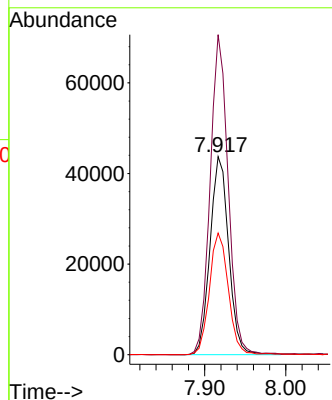
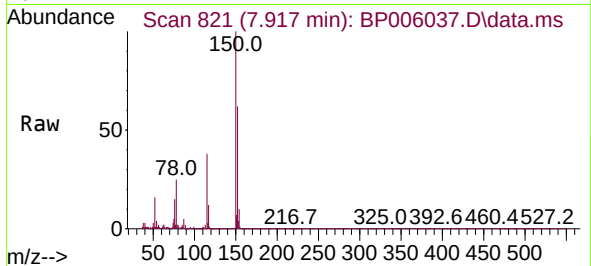




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.917 min Scan# 821
Delta R.T. -0.005 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

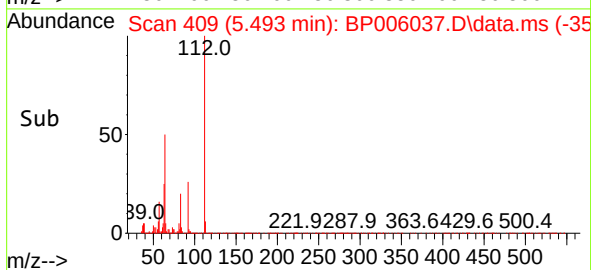
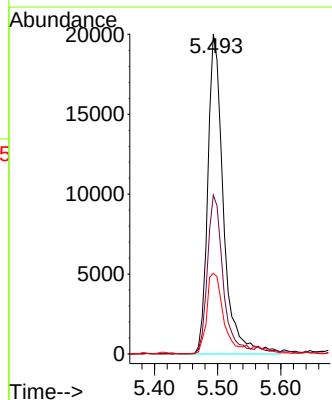
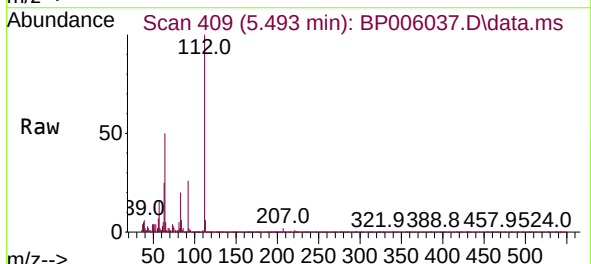
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

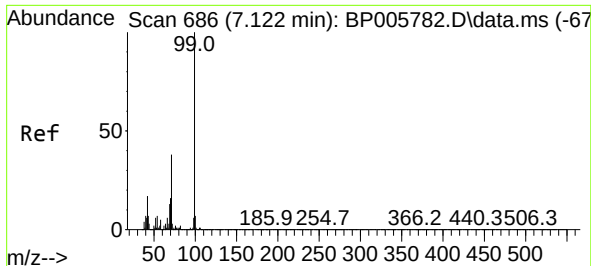
Tgt Ion:152 Resp: 69792
Ion Ratio Lower Upper
152 100
150 161.5 125.6 188.4
115 61.4 48.5 72.7



#5
2-Fluorophenol
Concen: 7.89 ng
RT: 5.493 min Scan# 409
Delta R.T. 0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:112 Resp: 34317
Ion Ratio Lower Upper
112 100
64 49.6 41.4 62.2
63 25.2 23.8 35.8

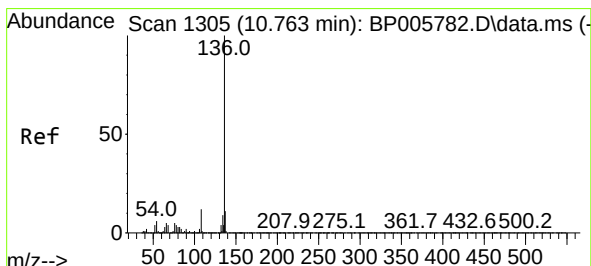
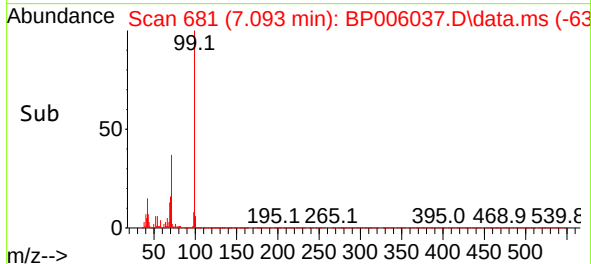
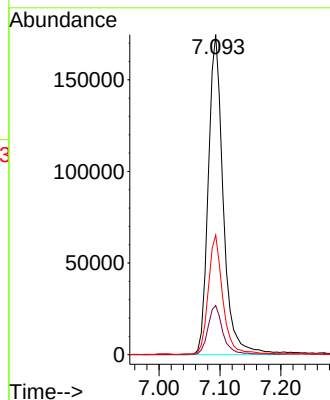
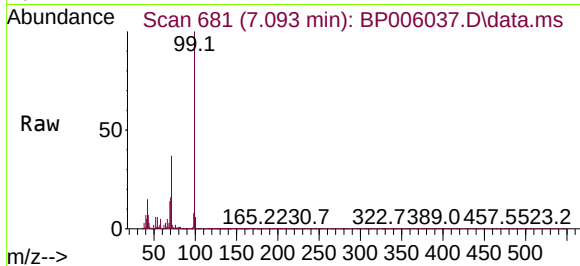




#7
Phenol-d6
Concen: 52.79 ng
RT: 7.093 min Scan# 681
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

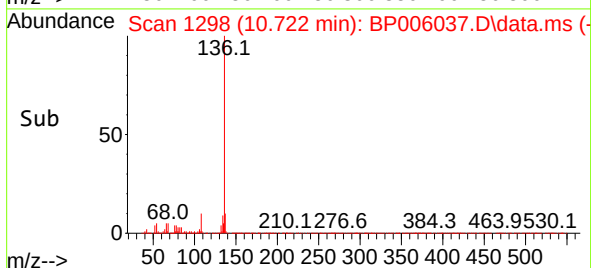
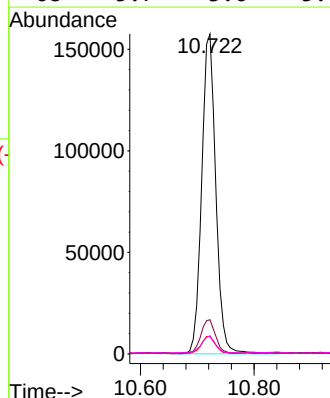
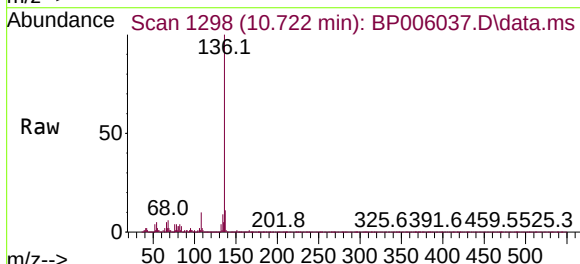
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

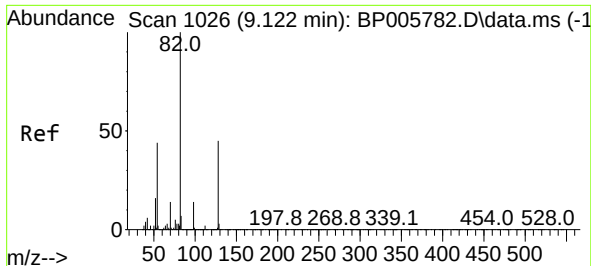
Tgt Ion: 99 Resp: 297622
Ion Ratio Lower Upper
99 100
42 15.3 13.4 20.0
71 37.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.722 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion: 136 Resp: 271474
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 5.3 4.6 6.8
68 5.7 3.6 5.4#

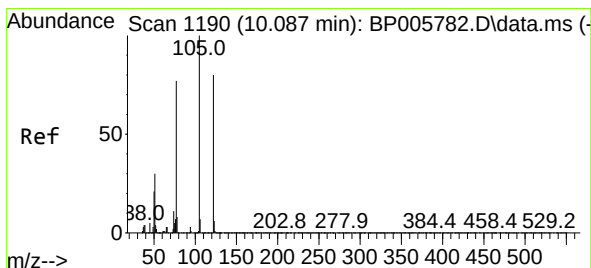
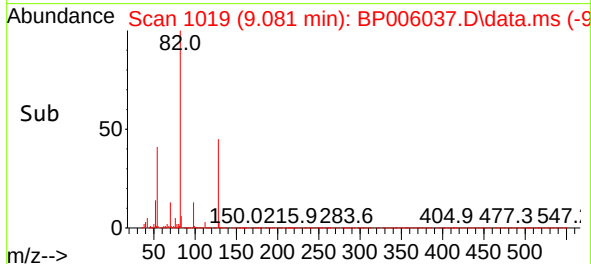
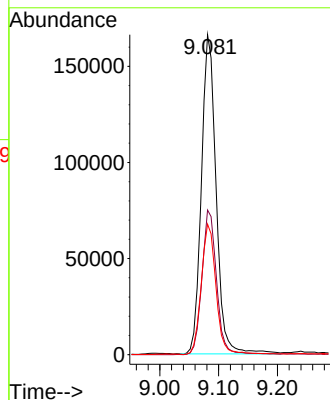
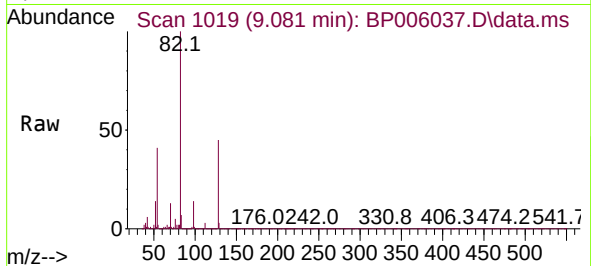




#23
Nitrobenzene-d5
Concen: 52.20 ng
RT: 9.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

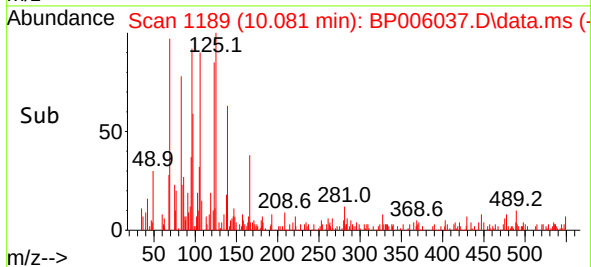
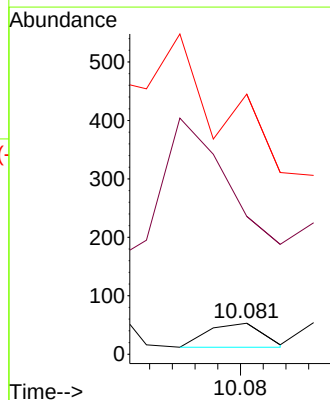
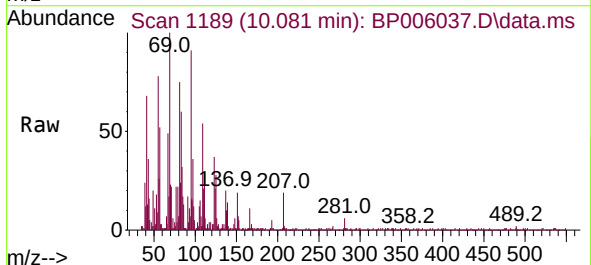
Instrument :
BNA_P
ClientSampleId :
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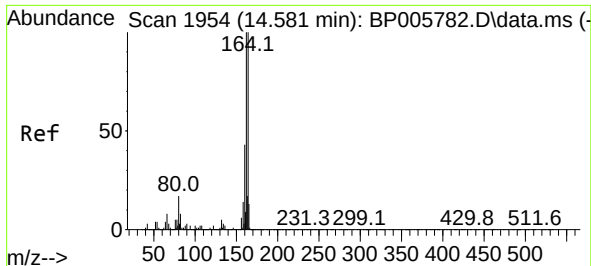
Tgt Ion: 82 Resp: 289051
Ion Ratio Lower Upper
82 100
128 45.2 35.7 53.5
54 40.8 35.0 52.4



#32
Benzoic acid
Concen: 6.33 ng
RT: 10.081 min Scan# 1189
Delta R.T. 0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion: 122 Resp: 28
Ion Ratio Lower Upper
122 100
105 445.3 103.2 143.2#
77 839.6 76.2 116.2#

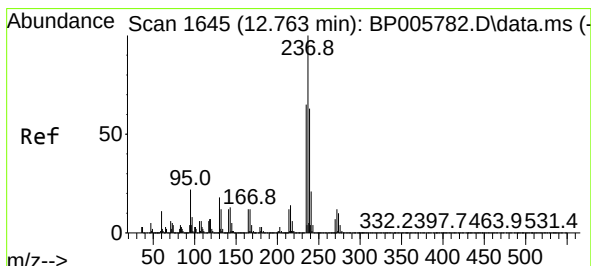
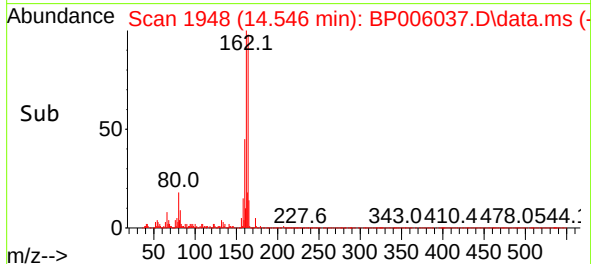
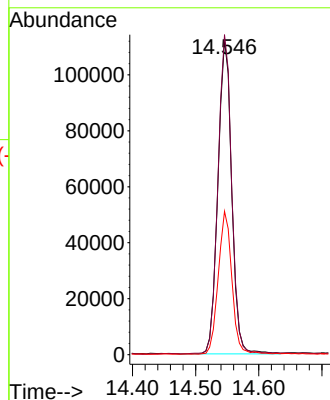
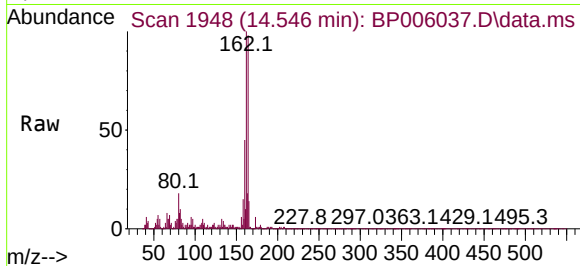




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.546 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

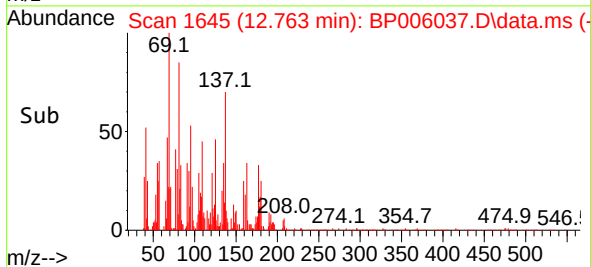
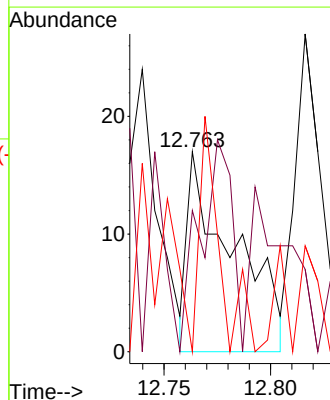
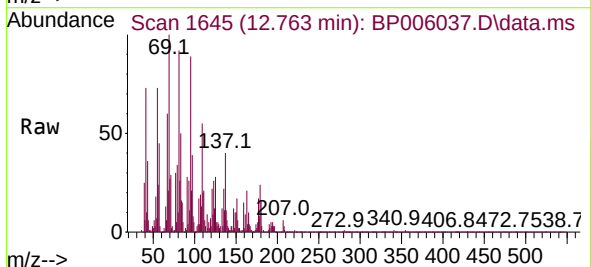
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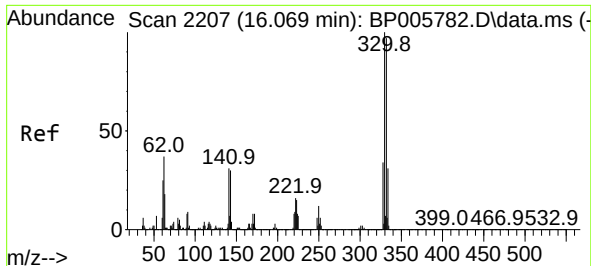
Tgt Ion:164 Resp: 169327
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 45.6 34.5 51.7



#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.763 min Scan# 1645
Delta R.T. 0.035 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:237 Resp: 25
Ion Ratio Lower Upper
237 100
235 70.6 44.5 84.5
272 0.0 0.0 32.5

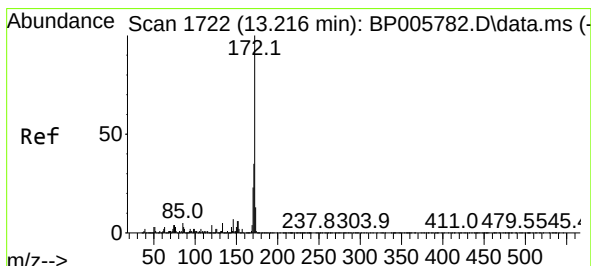
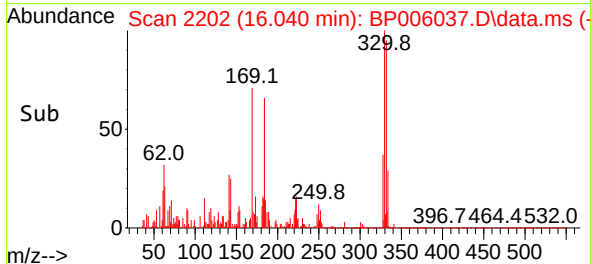
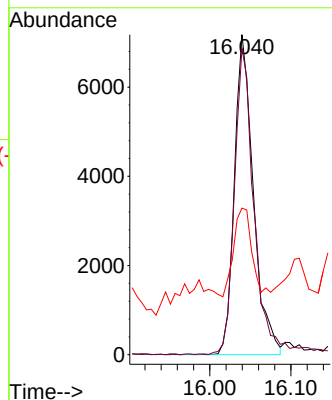
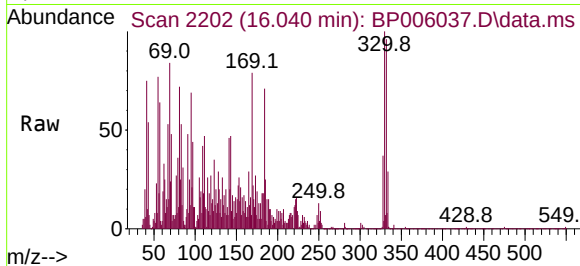




#42
2,4,6-Tribromophenol
Concen: 4.00 ng
RT: 16.040 min Scan# 2202
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

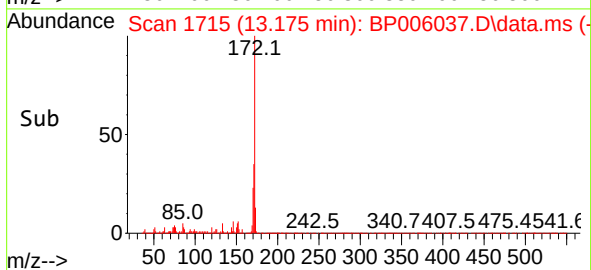
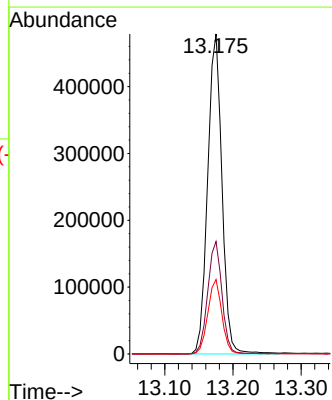
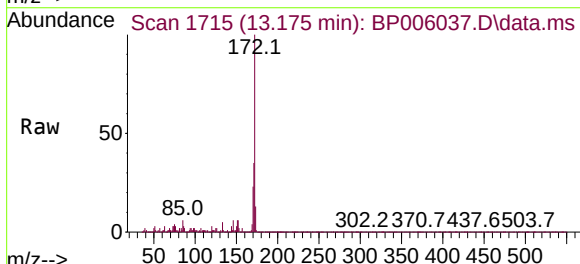
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0249-AMND-COMP-N(CL-22)RX

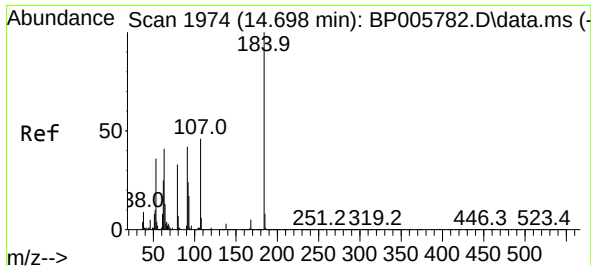
Tgt Ion:	330	Resp:	11633
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.8	116.8
141	26.8	25.4	38.2



#45
2-Fluorobiphenyl
Concen: 54.20 ng
RT: 13.175 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:	172	Resp:	698963
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.9	41.9
170	23.3	18.6	27.8

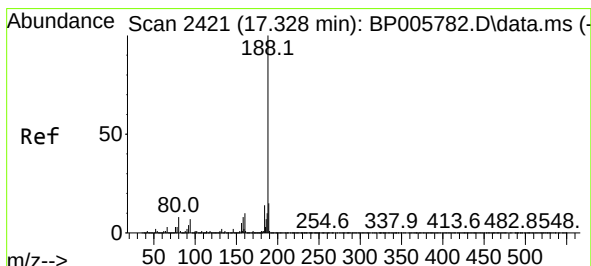
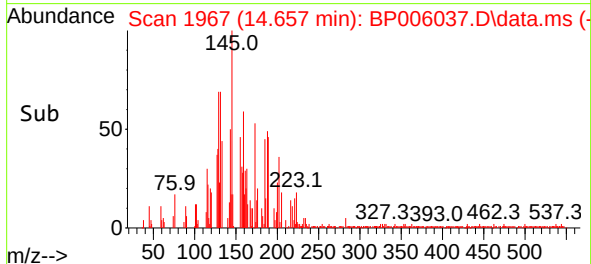
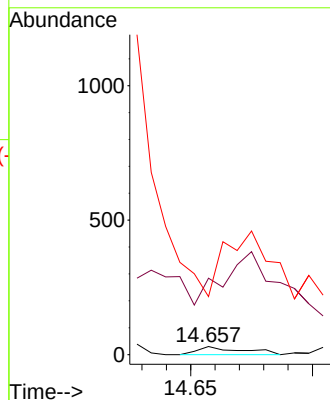
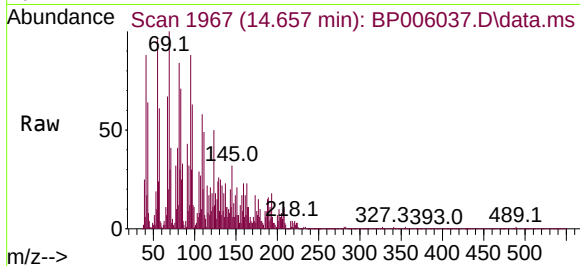




#54
2,4-Dinitrophenol
Concen: 4.87 ng
RT: 14.657 min Scan# 1967
Delta R.T. -0.018 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

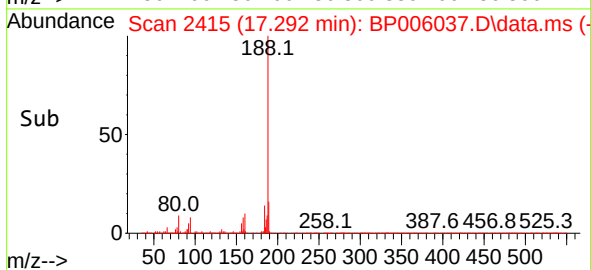
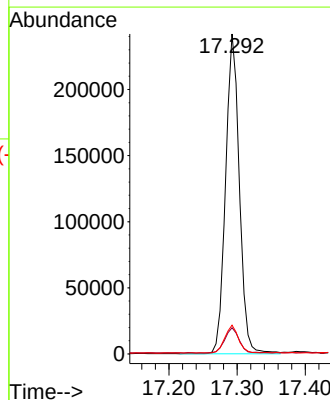
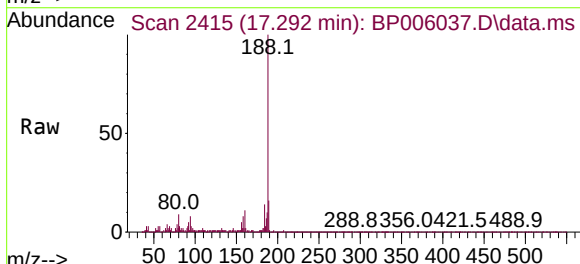
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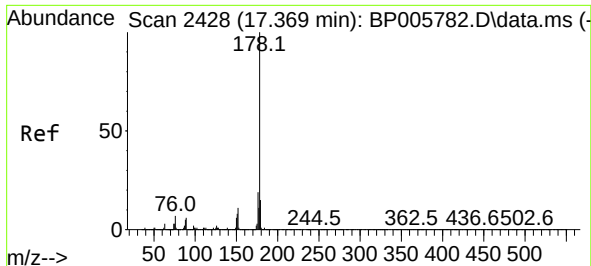
Tgt Ion:184 Resp: 38
Ion Ratio Lower Upper
184 100
63 946.7 47.0 70.6#
154 720.0 52.3 78.5#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.292 min Scan# 2415
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:188 Resp: 339550
Ion Ratio Lower Upper
188 100
94 8.2 5.6 8.4
80 9.0 6.3 9.5

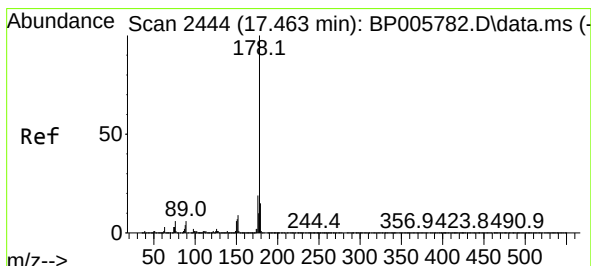
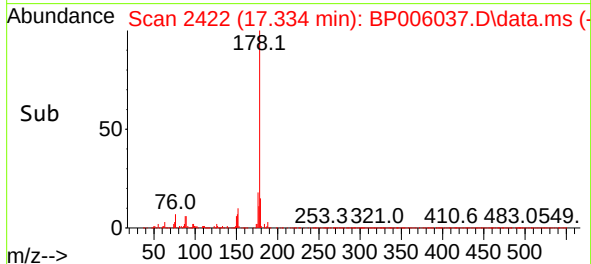
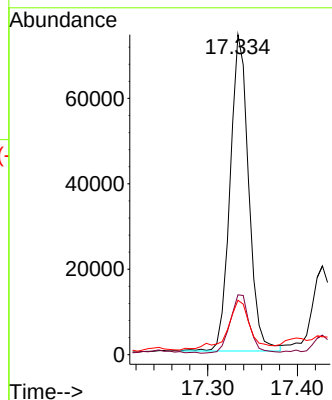
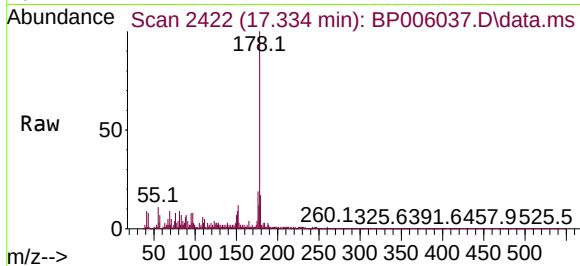




#71
Phenanthrene
Concen: 5.22 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

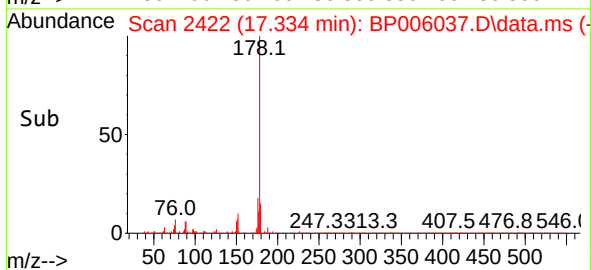
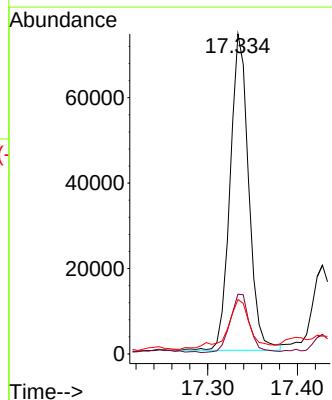
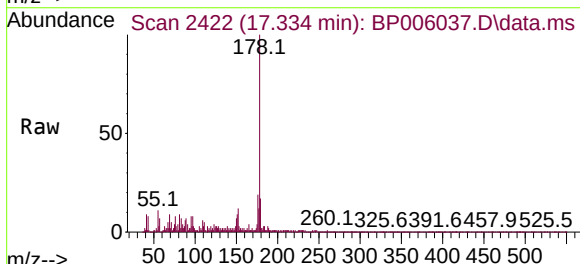
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

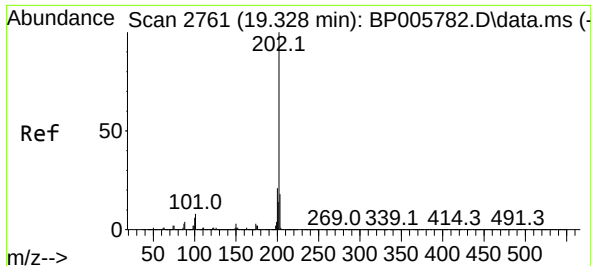
Tgt Ion:178 Resp: 106539
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 17.0 12.4 18.6



#72
Anthracene
Concen: 5.31 ng
RT: 17.334 min Scan# 2422
Delta R.T. -0.100 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:178 Resp: 106539
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 17.0 12.2 18.2

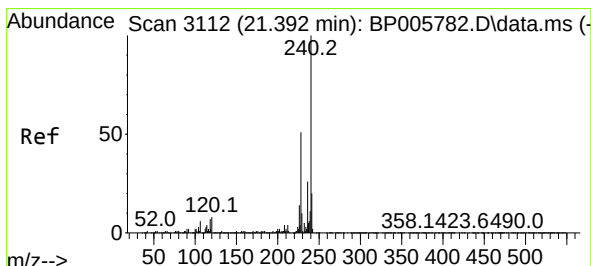
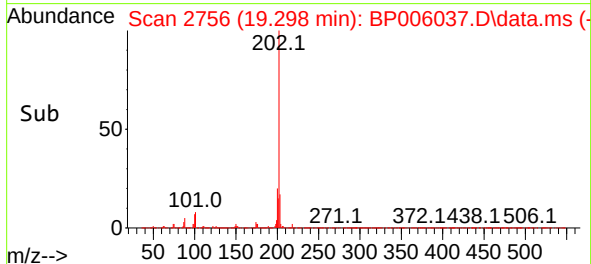
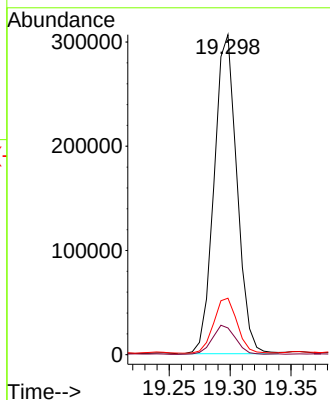
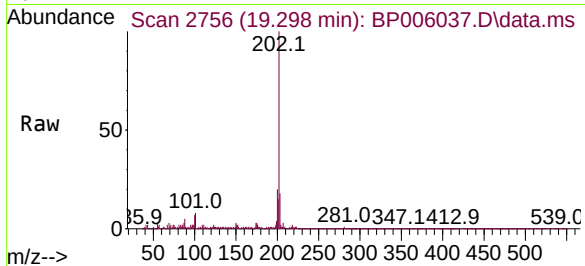




#75
Fluoranthene
Concen: 16.15 ng
RT: 19.298 min Scan# 2756
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

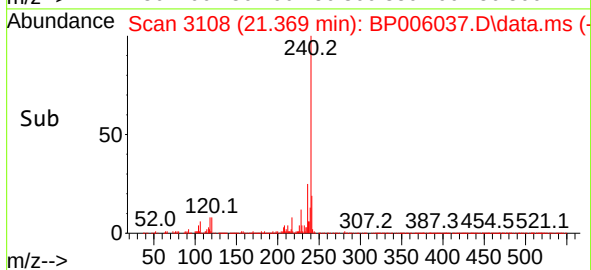
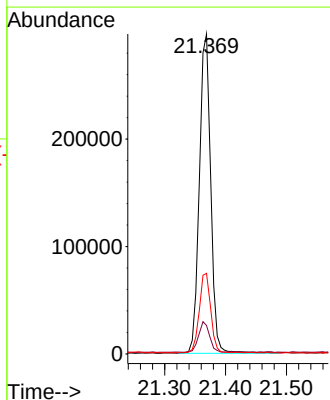
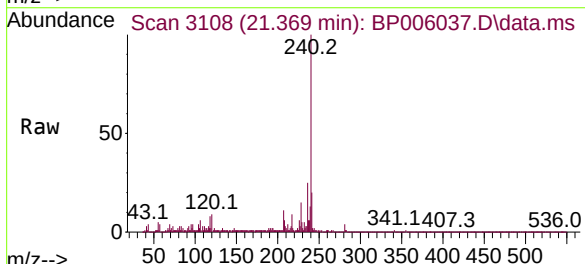
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

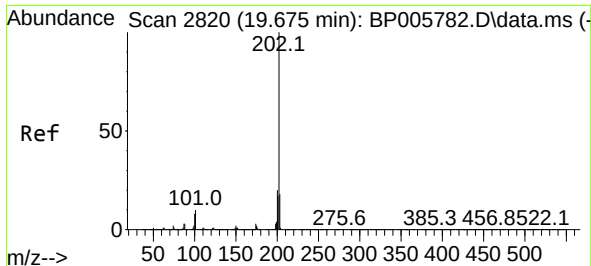
Tgt Ion:202 Resp: 399915
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.6
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.369 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:240 Resp: 384621
Ion Ratio Lower Upper
240 100
120 8.9 6.5 9.7
236 25.2 20.6 31.0

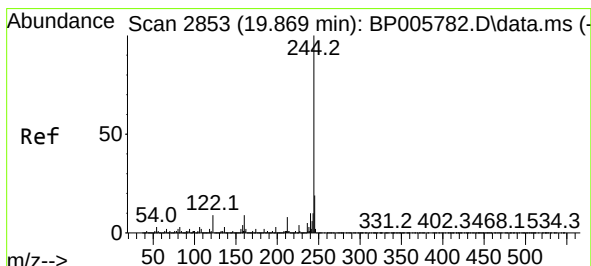
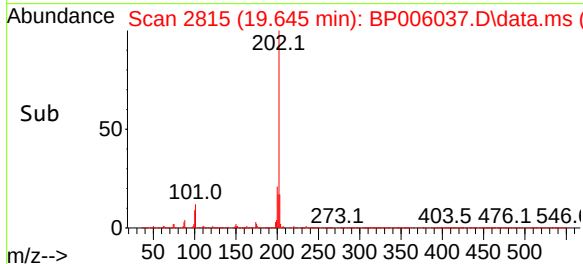
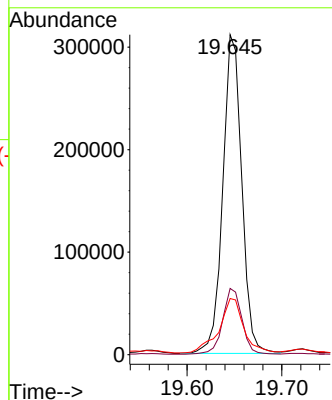
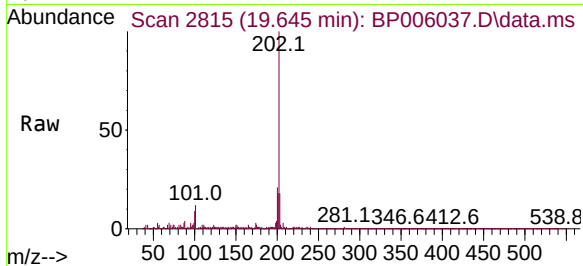




#78
Pyrene
Concen: 16.12 ng
RT: 19.645 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

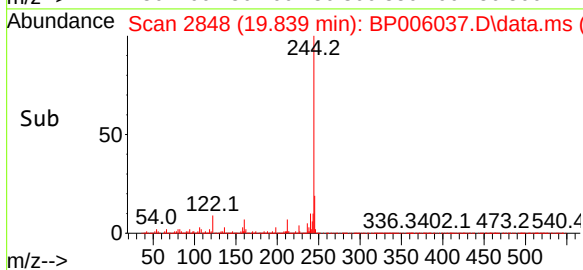
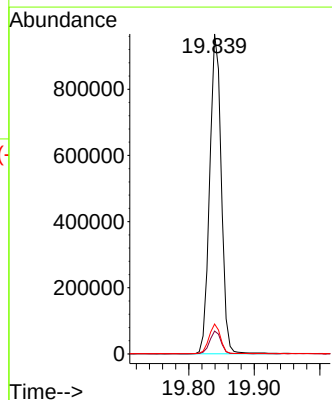
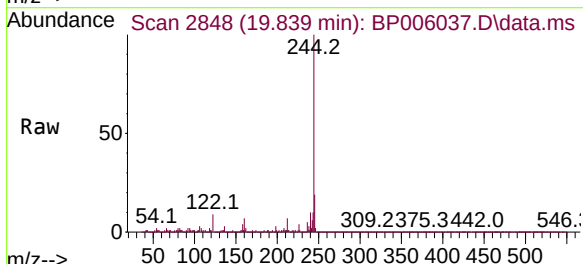
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

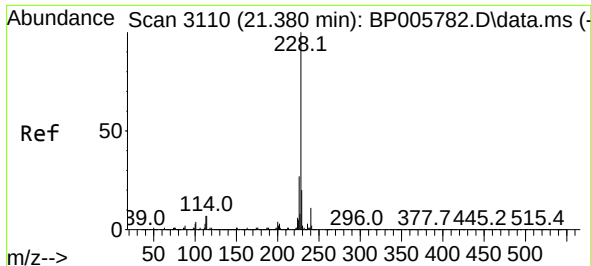
Tgt Ion:202	Resp:	432965
Ion Ratio	Lower	Upper
202	100	
200	20.7	16.3 24.5
203	17.6	14.2 21.2



#79
Terphenyl-d14
Concen: 58.04 ng
RT: 19.839 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:244	Resp:	1192211
Ion Ratio	Lower	Upper
244	100	
212	7.2	6.0 9.0
122	9.4	7.1 10.7

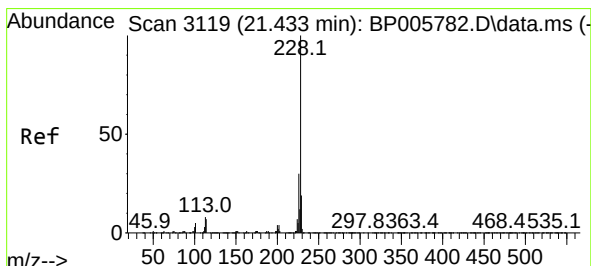
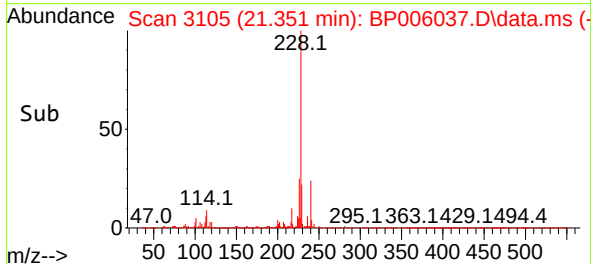
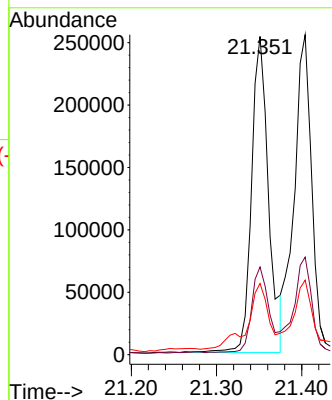
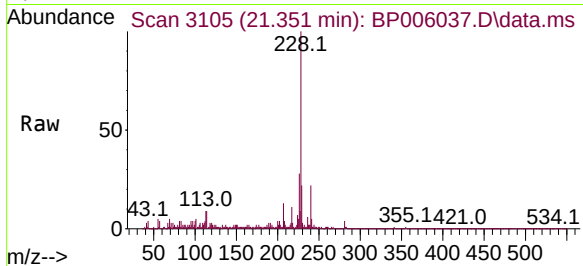




#81
Benzo(a)anthracene
Concen: 12.63 ng
RT: 21.351 min Scan# 3105
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

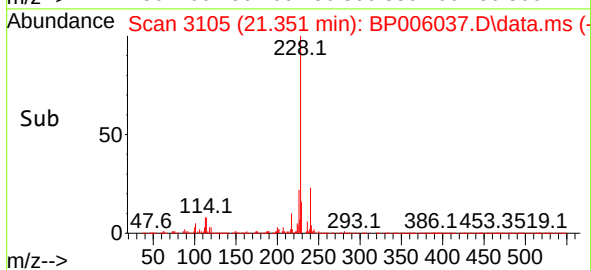
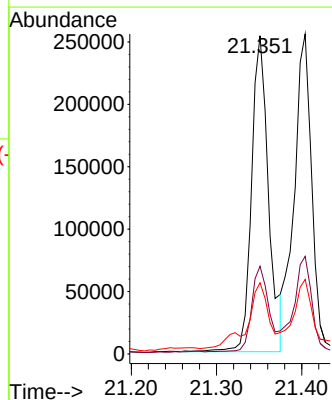
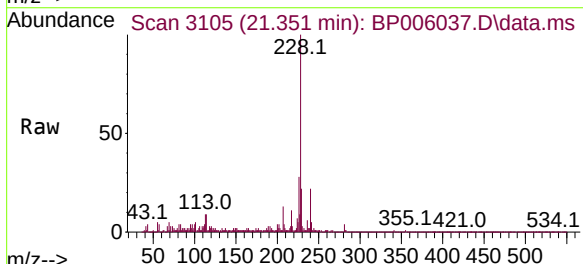
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

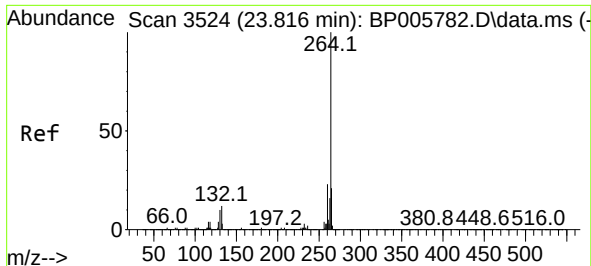
Tgt Ion:228 Resp: 350764
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 22.4 15.8 23.6



#83
Chrysene
Concen: 13.04 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.053 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:228 Resp: 350764
Ion Ratio Lower Upper
228 100
226 27.5 23.8 35.6
229 22.4 15.4 23.2

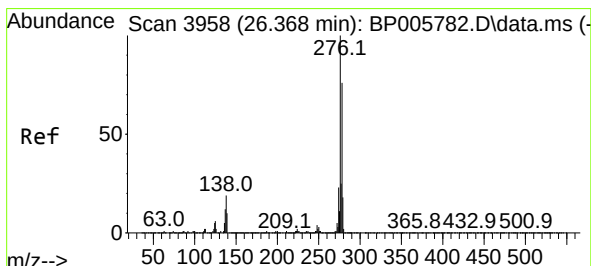
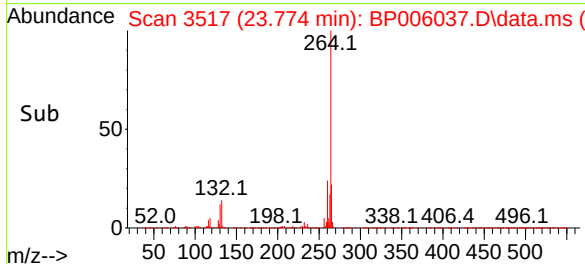
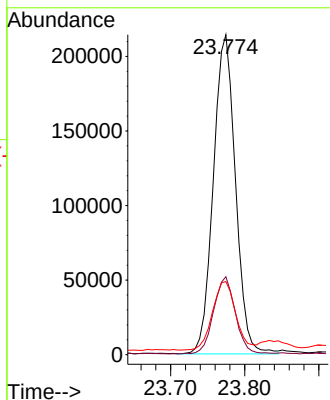
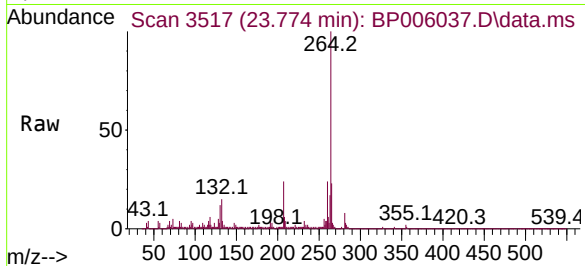




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.774 min Scan# 3517
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

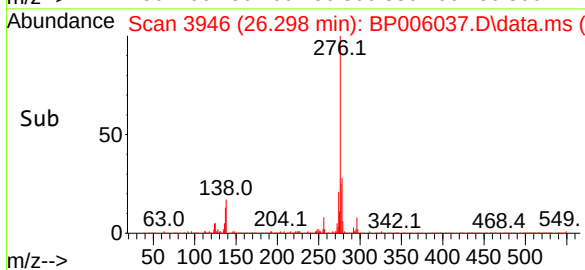
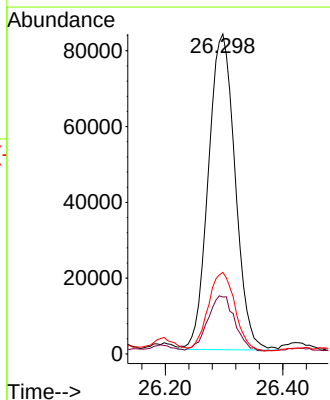
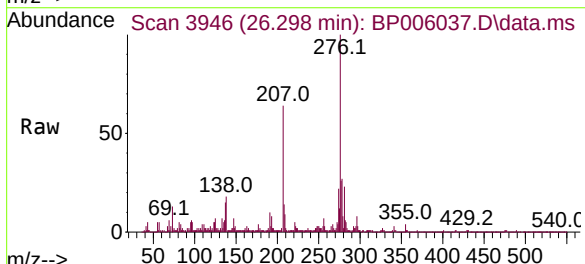
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

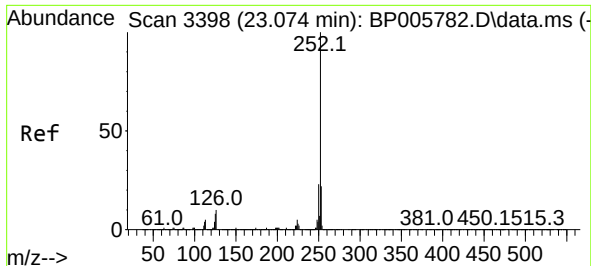
Tgt Ion:	264	Resp:	444123
Ion Ratio	Lower	Upper	
264	100		
260	24.4	18.6	28.0
265	22.8	17.6	26.4



#87
Indeno(1,2,3-cd)pyrene
Concen: 6.94 ng
RT: 26.298 min Scan# 3946
Delta R.T. -0.012 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:	276	Resp:	263416
Ion Ratio	Lower	Upper	
276	100		
138	17.6	15.3	22.9
277	25.2	20.4	30.6

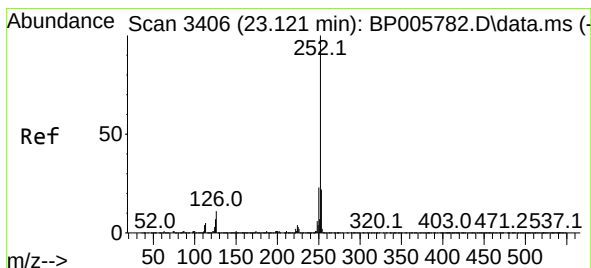
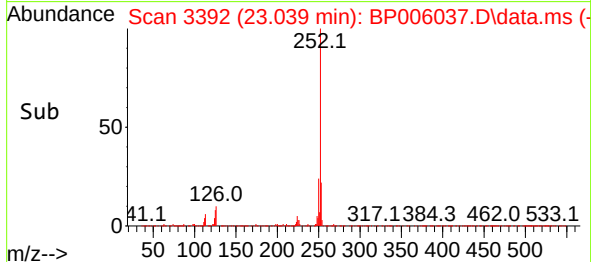
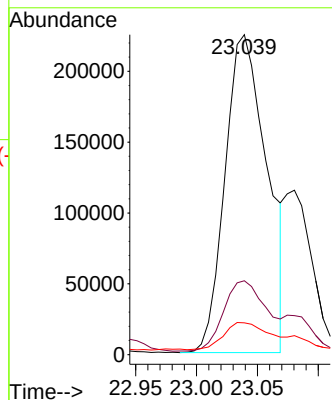
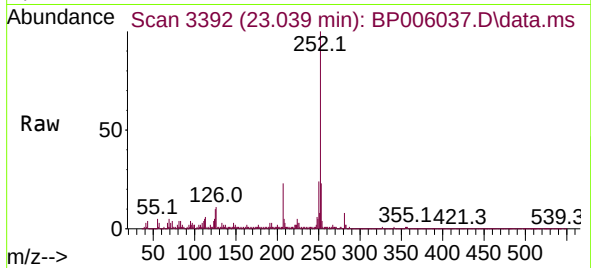




#88
Benzo(b)fluoranthene
Concen: 17.67 ng
RT: 23.039 min Scan# 3392
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

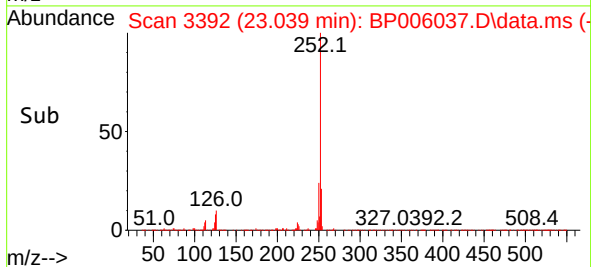
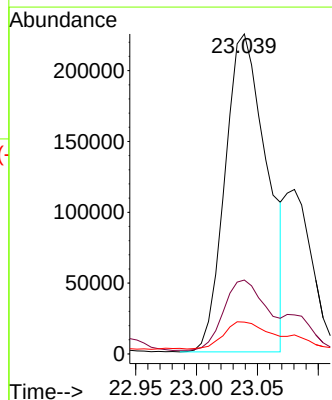
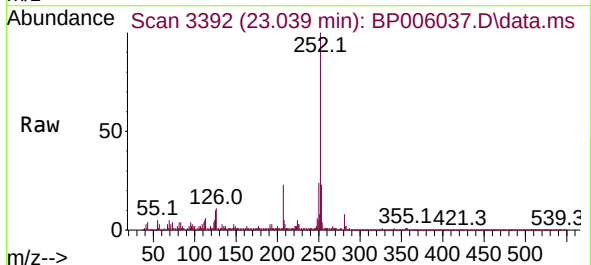
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

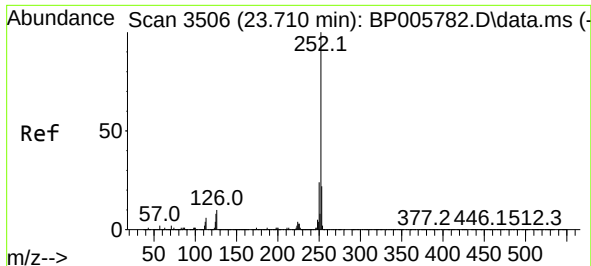
Tgt Ion:252 Resp: 537499
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 9.9 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 18.22 ng
RT: 23.039 min Scan# 3392
Delta R.T. -0.047 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:252 Resp: 537499
Ion Ratio Lower Upper
252 100
253 23.1 17.6 26.4
125 9.9 6.0 9.0#

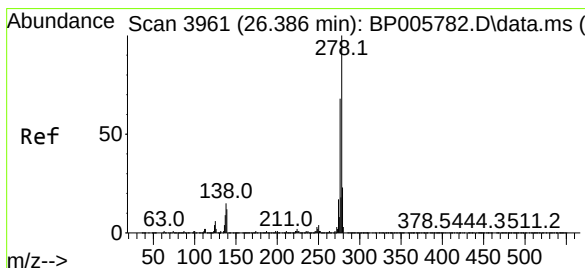
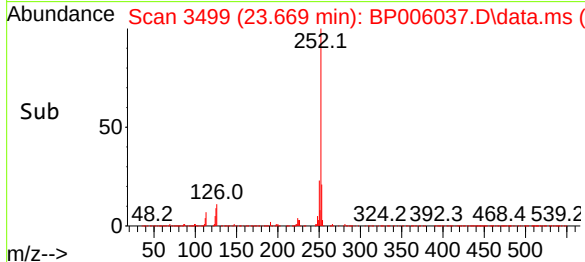
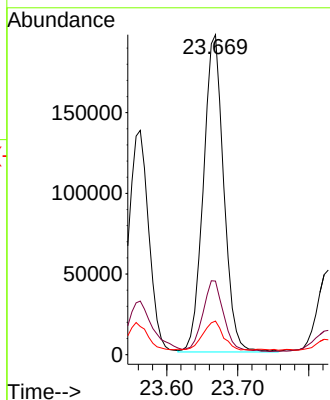
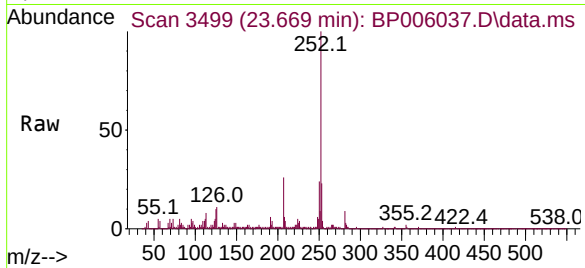




#90
Benzo(a)pyrene
Concen: 13.71 ng
RT: 23.669 min Scan# 3499
Delta R.T. 0.000 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

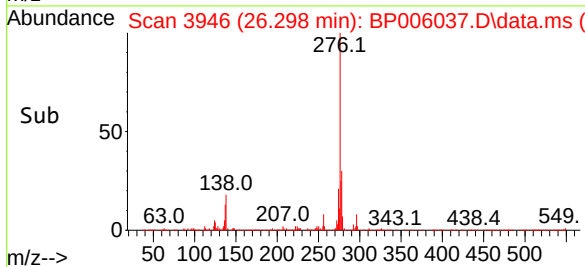
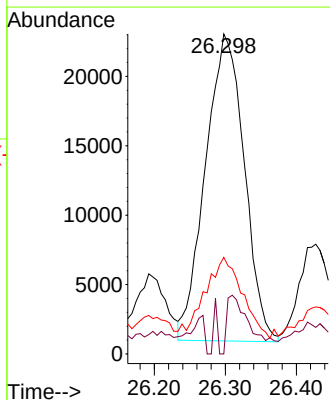
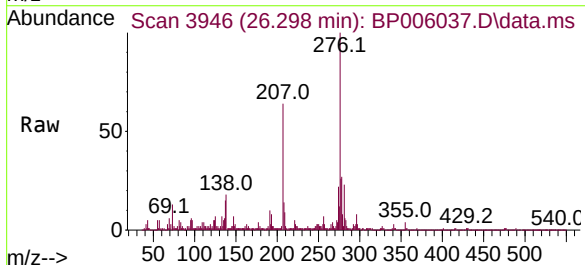
Instrument :
BNA_P
ClientSampleId :
0249-AMND-COMP-N(CL-22)RX

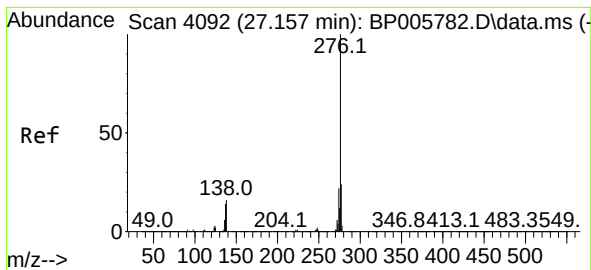
Tgt Ion:252 Resp: 392195
Ion Ratio Lower Upper
252 100
253 23.0 17.9 26.9
125 10.5 6.5 9.7#



#91
Dibenzo(a,h)anthracene
Concen: 2.57 ng
RT: 26.298 min Scan# 3946
Delta R.T. -0.023 min
Lab File: BP006037.D
Acq: 23 Jun 2021 16:27

Tgt Ion:278 Resp: 83970
Ion Ratio Lower Upper
278 100
139 0.0 9.3 13.9#
279 30.2 18.8 28.2#





#92
 Benzo(g,h,i)perylene
 Concen: 8.41 ng
 RT: 27.080 min Scan# 4079
 Delta R.T. -0.006 min
 Lab File: BP006037.D
 Acq: 23 Jun 2021 16:27

Instrument :
 BNA_P
 ClientSampleId :
 0249-AMND-COMP-N(CL-22)RX

Tgt Ion:	276	Resp:	271520
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	17.2	12.6	18.8

